



NASA-TM-84213 19820011290

Spanwise Loading Distribution and Wake Velocity Surveys of a Semi-Span Wing

Fort F. Felker, III
Raymond A. Piziali, Aeromechanics Laboratory
AVRADCOM Research and Technology Laboratories
Ames Research Center, Moffett Field, California
Jay K. Gall, Informatics, Inc., Moffett Field, California

LIBRARY COPY

SEP 1982

LANGLEY RESEARCH CENTER
LIBRARY, NASA
HAMPTON, VIRGINIA



National Aeronautics and Space Administration

Ames Research Center
Moffett Field, California 94035

United States Army
Aviation Research and Development Command
St. Louis, Missouri 63166



100-100-100

100-100-100

Spanwise Loading Distribution and Wake Velocity Surveys of a Semi-Span Wing

Fort F. Felker, III, Raymond A. Piziali and Jay K. Gall

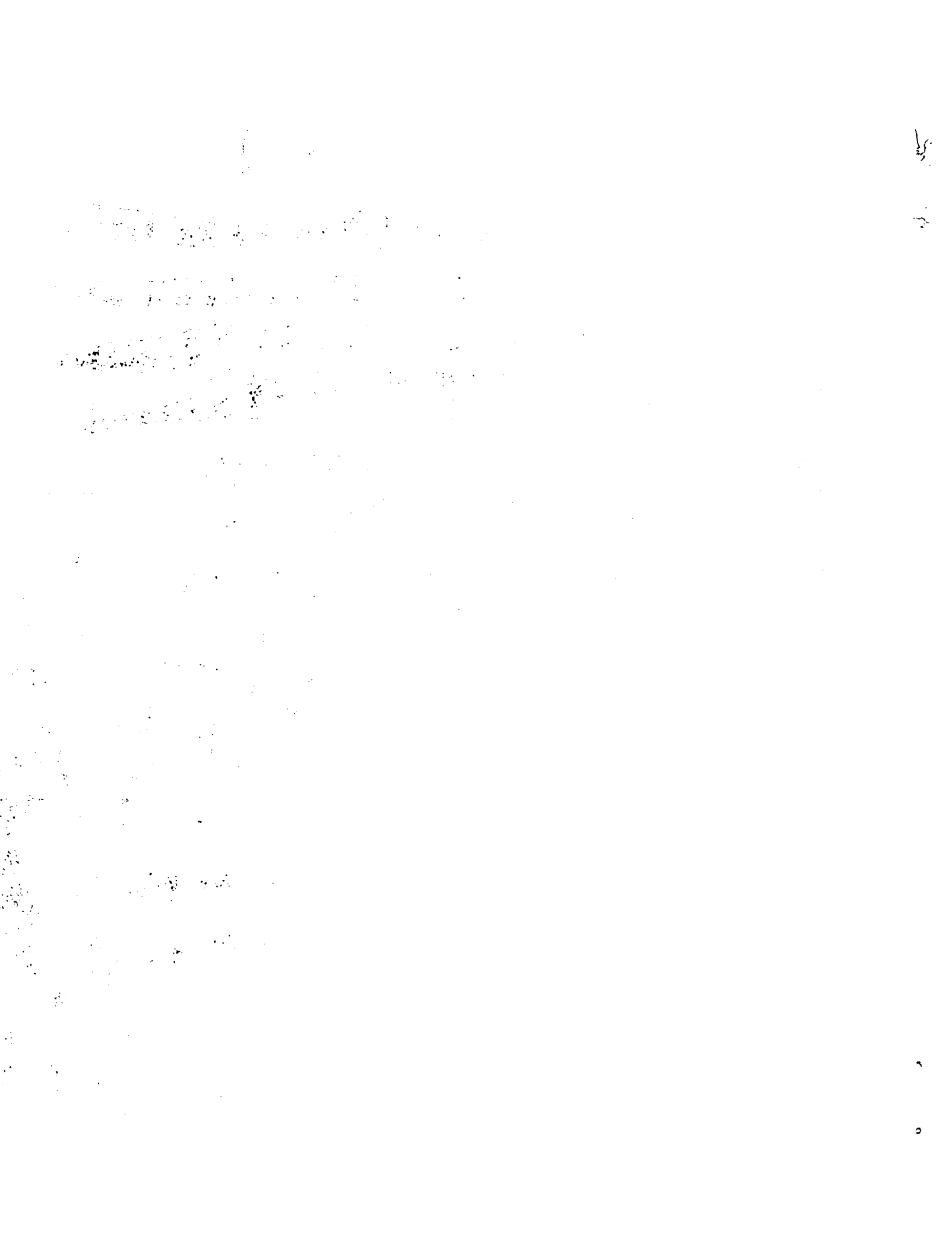
February 1982

NASA
National Aeronautics and
Space Administration

United States Army
Aviation Research
and Development
Command



N82-19164 #



SPANWISE LOADING DISTRIBUTION AND WAKE VELOCITY
SURVEYS OF A SEMI-SPAN WING

Fort F. Felker, III, Raymond A. Piziali

Ames Research Center

and

USAAVRADCOM Aeromechanics Lab.

and

Jay K. Gall, Informatics, Inc.

Summary

The spanwise distribution of bound circulation on a semi-span wing and the flow velocities in its wake were measured in a wind tunnel. Particular attention was given to documenting the flow velocities in and around the developing tip vortex. A two-component laser velocimeter was used to make the velocity measurements. This report presents, without discussion, the spanwise distribution of bound circulation, three components of the time-averaged velocities throughout the near wake and their standard deviations, and the integrated forces and moments on a metric tip as measured by an internal strain gage balance.

INTRODUCTION

An experimental investigation documenting the spanwise distribution of bound circulation and the flow velocities in the wake of a semi-span wing has been conducted in the 7- by 10-Foot Wind Tunnel at Ames Research Center. A two-component laser doppler velocimeter was used to make the measurements. The bound circulation at each spanwise location on the wing was obtained by measuring the velocities tangent to a rectangular path enclosing the wing section (see references 1-3 for more details of the procedure). While investigating the characteristics of the wing wake, particular attention was given to measuring the flow velocities in and around the developing tip vortex.

This experiment was the first in a series of experiments designed to investigate the wake and loading characteristics of a hovering helicopter rotor. The next experiment in the series will document the spanwise loading and wake velocities of a model-scale hovering helicopter rotor. The twist distribution of the wing was designed such that the spanwise variation of bound circulation would nominally match that of the hovering model rotor blade. The helicopter rotor will be operated at full-scale tip speeds and at a tip Reynolds number that matches that of the semi-span wing. The details of the structure of the tip vortex and the spanwise variation of bound circulation in the two tests will be compared. The objective is to determine if a non-rotating wing can be used as an analogue to a hovering helicopter rotor for rotor wake and loading investigations. There are several advantages to testing a semi-span wing instead of a helicopter rotor if it can be demonstrated that the data obtained from the semi-span wing can be used to

improve our understanding of phenomenon associated with a hovering helicopter rotor. For example, it is more convenient to build and test large chord semi-span wings than rotor blades. As a consequence of the semi-span wing's larger size, finer details of the tip vortex structure can be resolved. Also, it is much easier to make measurements near a wing whose position is fixed than it is to make measurements near a rotor blade operating at a tip speed of over 200 m/s.

This report presents, without discussion or analysis, the data obtained in this test. Presented, in tables and plots, are the spanwise distribution of bound circulation, three components of the time-averaged velocities throughout the near wake and their standard deviations, and the integrated forces and moments on the metric tip of the wing as measured by an internal strain gage balance.

EXPERIMENTAL EQUIPMENT AND PROCEDURES

Description of Model

The semi-span wing had a rectangular planform with a span of 1.524 m and a chord of 0.209 m. A portion of the wing, extending from the tip to 0.432 m (2.07 chords) inboard of the tip, was mounted on an internal six-component strain gage balance to measure the forces and moments on the wing tip. The wing was mounted both horizontally and vertically in the wind tunnel during the test because the laser velocimeter was only capable of measuring stream-wise and vertical velocity components. Therefore, in order to measure the spanwise component of velocity, it was necessary to also test the wing in the vertical position. The wing angle of attack in the vertical position was

adjusted to yield the same lift coefficient as the horizontal position, as measured by the internal strain gage balance. Figure 1 presents a photograph of the wing installed in the wind tunnel in the horizontal position. The view is looking downstream at the wing. Figure 2 presents a photograph of the wing installed in the vertical position, once again looking downstream. The tip of the wing was at the centerline of the wind tunnel for both the horizontal and vertical installations. Figure 3 presents an installation drawing showing a plan view of the wing installed in the horizontal position. Figure 4 is a drawing of the wing installed in the horizontal position, looking downstream. Figure 5 presents a view of the wing installed in the wind tunnel in the vertical position, once again looking downstream. A splitter plate was used when the wing was installed in the horizontal position so that 1.066 m (5.1 chords) of the wing extended into the wind in both the vertical and horizontal installations.

The wing had a square tip, as if the wing had been sawed off (see fig. 1). The wing airfoil section was a V23010-1.58 with a 0° deflection trailing edge tab. The trailing edge tab was 4% of the chord and the airfoil thickness to chord ratio was 10.2%. The airfoil coordinates are given in table I. The wing was twisted nonlinearly from root to tip. Figure 6 presents the wing's angle of attack distribution across the span. The angle of attack was measured from the airfoil reference line ($Z = 0$ of table I). The angle of attack was not varied during this test.

Description of Balance

The balance used to measure the forces and moments on the metric tip of the wing was a 6-component internal strain gage balance (Task Corp. MK XXIX-B). Figure 3 shows the location of the balance and the balance moment center. The balance moment center was at the wing quarter-chord, halfway between the upper and lower surfaces of the wing, and 0.386 m inboard of the tip of the wing.

Instrumentation, Data Acquisition and Reduction

A laser velocimeter (LV) was used to nonintrusively measure the flow velocities in the wind tunnel. The LV system was of the dual-beam backscatter type and could simultaneously measure two components of the flow velocity (streamwise and vertical). The LV was the same instrument used in the investigations of references 4-6, and the reader is referred to these papers for a detailed description of the LV.

Data from the LV, the wing tip-mounted strain gage balance, and the wind tunnel dynamic pressure transducer were acquired by a minicomputer-based data acquisition system and stored on a floppy disk. The use of the minicomputer enabled the experimenter to evaluate the data being acquired on-line and repeat data points as required. The data acquisition system was the same one used in the investigations of refs. 4 and 6, and the reader is referred to these papers for a complete description of the system.

At each point in the flow-field where the velocity was measured, 100 samples of LV velocity data were acquired. From these 100 samples a mean and standard deviation were computed. The wing local section lift coefficient was computed by the circulation box technique (refs. 1-3). Briefly,

the circulation box technique is based on Stoke's Theorem, which states that the total vorticity inside a closed contour is equal to the line integral of the tangential velocity around the contour. Thus, by measuring the tangential flow velocities on the sides of a rectangular contour (box) surrounding a wing section, the bound circulation at that section and, therefore, the lift coefficient can be calculated.

The velocity was measured at 26 points on each side of the circulation box. Figure 7 presents a sketch of the circulation box around a wing section, showing the points where the velocity was measured and the coordinates of the corners of the box.

Figure 8 presents a sketch of the coordinate system used in this test. The origin is at the intersection of the airfoil reference system z axis with the leading edge of the airfoil. The x axis is parallel to the free stream, the z axis is vertical, and the y axis is parallel to the wing quarter-chord line. It should be noted that this coordinate system was defined relative to the tip of the wing with the wind off. At the nominal test dynamic pressure of 2100 N/m^2 , the tip of the wing deflected up 0.009 m (0.043 chords) due to the lift load on the wing. No corrections to the data in this report have been made to account for this deflection.

TEST CONDITIONS

The test was conducted at a dynamic pressure of $2100 \text{ N/m}^2 \pm 3\%$ and at atmospheric stagnation pressure. The angle of attack was set to 6.57° at the metric break (2.07 chords inboard of the tip). The Reynolds number based on chord was $845,000$ and the Mach number was 0.17 .

RESULTS

The spanwise variation of section lift loading is presented in figure 9. Tabulated values are presented in table 2. Tabulated data from the internal strain gage balance are presented in table 3. The data are presented in non-dimensional coefficient form.

$$C_L = \text{Lift}/q A_{\text{tip}}$$

$$C_D = \text{Drag}/q A_{\text{tip}}$$

$$C_M = \text{Pitching Moment}/q A_{\text{tip}}c$$

$$C = \text{Rolling Moment}/q A_{\text{tip}}c$$

$$C_N = \text{Yawing Moment}/q A_{\text{tip}}c$$

where c = the wing chord

q = measured dynamic pressure, $1/2 \rho U_{\infty}^2$; and

A_{tip} = the planform area of the wing tip

For each run, the means and standard deviations of the forces and moments are presented. At least 10 samples of balance data were taken during each run. Note that this data represents forces and moments on the metric tip, and not of the entire wing.

Wake Velocity Data

An extensive survey of the flow velocities in the wing wake is presented in tabular form in appendix A. As previously noted, each point of velocity data is the mean of 100 samples, and the standard deviation associated with the mean is also presented. The data in appendix A are organized by the streamwise location of the sub-plane, X/C , and then by sub-planes, "A" through "G".

All of the velocity data in appendix A have been non-dimensionalized by the free-stream velocity, U_∞ . Data were acquired at 4 streamwise locations in the wing wake: 1.02, 1.8, 2.6, and 3.5 chords downstream of the wing leading edge. At each streamwise location at least 7 "sub-planes" of data were acquired. The sub-planes were nominally centered on the wing tip trailing vortex and were "nested" such that each succeeding sub-plane provides finer spatial resolution than the one preceding it. The sub-planes were labeled "A" through "G" with the "A" plane being the largest. Figure 10 presents a sketch of the wake velocity survey sub-planes showing their relative sizes and locations. An "A" plane is also shown on figs. 4 and 5 illustrating the relative position of the plane. Figure 3 shows the streamwise location of the wake velocity survey planes relative to the wing. Table 4 presents the nominal coordinates of the edges of the sub-planes.

When the wing was mounted in the horizontal position, the streamwise velocity, U , and the vertical velocity, W , were measured. When the wing was mounted in the vertical position, the streamwise velocity, U , and the spanwise velocity, V , were measured. Thus, to obtain all three components of the flow velocity the data from the horizontal and vertical installations must be combined. This has been done for the data presented in appendix A. For those sub-planes where the velocities were measured both in the horizontal and vertical installations, all of the velocity data is presented. $U(H)$ denotes the streamwise velocity measured in the horizontal installation and $U(V)$ denotes the streamwise velocity measured in vertical installation. Some sub-planes of velocity data were acquired for only one wing position, and this data lacks one component of the velocity. Note that several repeat runs were made for some sub-planes.

A limited amount of data were acquired in an attempt to use the LV to measure the wing section profile drag from wake velocity defect measurements. These data are presented as "W", for "wake", sub-planes. In order to evaluate the repeatability of the velocity data, data were taken at the same location 5 times. These data are presented as "R", for "repeatability" sub-planes.

CONCLUDING REMARKS

Nonintrusive measurements of the flow velocities in the near wake and the developing tip vortex of a semi-span wing have been made. Additionally, the spanwise distribution of the bound circulation has been documented. These data should be useful for validating any theory that calculates the development of the tip vortex.

REFERENCES

1. Bryant, L.W., and Williams, D.H., "An Investigation of the Flow of Air Around an Aerofoil of Infinite Span", Philosophical Transactions of the Royal Society, A, Vol. CCXXV (1925), pp. 199-237.
2. Taylor, G.I., "Note on the Connection Between the Lift on an Aerofoil in a Wind Tunnel and the Circulation Round It", Philosophical Transactions of the Royal Society, A, Vol. CCXXV (1925), pp. 238-245.
3. Orloff, K.L., "Determining the Lift and Drag Distributions on a Three-Dimensional Airfoil From Flow-Field Velocity Surveys", NASA TM-73,247, May 1977.
4. Biggers, J.C., Chu, S., and Orloff, K.L., "Laser Velocimeter Measurements of Rotor Blade Loads and Tip Vortex Rollup", Preprint No. 900, 31st Annual National Forum of the American Helicopter Society, Washington, D.C., May 1975.
5. Biggers, J.C., and Orloff, K.L., "Laser Velocimeter Measurements of the Helicopter Rotor-Induced Flow Field", Journal of the American Helicopter Society, Vol. 20, No. 1, January 1975.
6. Biggers, J.C., Lee, A., Orloff, K.L., and Lemmer, O.J. "Laser Velocimeter Measurements of Two-Bladed Helicopter Rotor Flow Fields", NASA TM-73,238, May 1977.

APPENDIX A

Wake Velocity Data



TABLE 1
AIRFOIL COORDINATES

X/C	Z/C _u	Z/C _l
0.0	-0.0225	-0.0225
0.005	-0.0078	-0.0329
0.01	-0.0024	-0.0362
0.015	0.0019	-0.0378
0.025	0.0096	-0.0394
0.035	0.0155	-0.0404
0.047	0.0214	-0.0412
0.06	0.0265	-0.042
0.08	0.0327	-0.0434
0.11	0.0396	-0.0449
0.15	0.0455	-0.0471
0.19	0.0489	-0.0494
0.23	0.0499	-0.0513
0.27	0.0499	-0.0522
0.31	0.0497	-0.05215
0.35	0.049	-0.0517
0.39	0.048	-0.0505
0.43	0.0465	-0.0487
0.47	0.0446	-0.0468
0.51	0.0424	-0.044
0.55	0.0397	-0.0412
0.59	0.0369	-0.038
0.63	0.0336	-0.0346
0.67	0.0301	-0.0308
0.71	0.0263	-0.0269
0.75	0.0223	-0.0226
0.79	0.0181	-0.0182
0.83	0.0137	-0.0136
0.87	0.0093	-0.0093
0.91	0.0056	-0.0057
0.945	0.0028	-0.0031
0.96	0.00235	-0.00235
1.0	0.00235	-0.00235

TABLE 2. SPANWISE VARIATION OF SECTION LIFT LOADING

Y/C	C_L	Y/C	C_L
0.50	0.006	-0.26	0.384
0.50	0.010	-0.28	0.386
0.50	0.005	-0.30	0.393
0.10	0.026	-0.35	0.412
0.10	0.015	-0.40	0.426
0.05	0.018	-0.45	0.441
0.05	0.022	-0.45	0.439
0.05	0.017	-0.45	0.444
0.025	0.040	-0.45	0.438
0.0024	0.058	-0.50	0.454
0.00	0.079	-0.55	0.467
0.00	0.061	-0.60	0.477
-0.01	0.109	-0.65	0.488
-0.012	0.111	-0.70	0.497
-0.02	0.174	-0.70	0.506
-0.03	0.216	-0.75	0.511
-0.04	0.250	-0.75	0.506
-0.05	0.282	-0.80	0.520
-0.06	0.293	-0.80	0.518
-0.07	0.305	-1.00	0.545
-0.07	0.322	-1.00	0.553
-0.08	0.314	-1.20	0.572
-0.09	0.317	-1.20	0.581
-0.10	0.322	-1.20	0.583
-0.10	0.324	-1.40	0.602
-0.12	0.318	-1.60	0.611
-0.12	0.328	-1.60	0.622
-0.12	0.325	-1.80	0.637
-0.14	0.334	-2.00	0.646
-0.16	0.341	-2.20	0.644
-0.16	0.338	-2.20	0.651
-0.18	0.344	-2.40	0.650
-0.18	0.352	-2.40	0.650
-0.20	0.346	-2.40	0.658
-0.20	0.353	-2.60	0.656
-0.20	0.358	-2.80	0.654
-0.20	0.351	-2.80	0.664
-0.22	0.364	-2.80	0.658
-0.24	0.373	-3.00	0.661
-0.26	0.378		

TABLE 3. BALANCE DATA

Horizontal Wing Position

Run #		lift, C_L	drag, C_D	pitching moment, C_M	yawing moment, C_N	rolling moment, C_ξ
H1	mean	0.49080	0.03063	-0.00113	0.04595	-0.34683
	std. dev.	0.001691	0.000111	0.000105	0.000191	0.002257
H2	mean	0.49832	0.3235	0.00005	0.04547	-0.34720
	std. dev.	0.002140	0.000323	0.000104	0.000371	0.001443
H3	mean	0.49432	0.03248	0.00004	0.04536	-0.34792
	std. dev.	0.002094	0.000136	0.000144	0.000378	0.001710
H4	mean	0.49784	0.03230	0.00024	0.04508	-0.34663
	std. dev.	0.002363	0.000273	0.000137	0.000462	0.002027
H5	mean	0.50125	0.03261	0.00000	0.04590	-0.34887
	std. dev.	0.000242	0.000242	0.000091	0.000192	0.001032
H6	mean	0.49187	0.03238	0.00011	0.04531	-0.34595
	std. dev.	0.002288	0.000284	0.000095	0.000414	0.002034
H7	mean	0.48099	0.03144	0.00052	0.4498	-0.34707
	std. dev.	0.002649	0.000199	0.000138	0.000493	0.002460
H8	mean	0.49352	0.03183	0.00066	0.04466	-0.34585
	std. dev.	0.001302	0.000230	0.000130	0.000258	0.00118
H9	mean	0.49079	0.03151	0.00054	0.04521	-0.34700
	std. dev.	0.002079	0.000230	0.000112	0.000508	0.001967
H10	mean	0.49345	0.03228	0.00081	0.004626	-0.34777
	std. dev.	0.002781	0.000282	0.000142	0.000372	0.002132
H11	mean	0.49153	0.3299	0.00054	0.4505	-0.34726
	std. dev.	0.002217	0.000550	0.000130	0.000275	0.001615
H12	mean	0.49286	0.03135	0.00066	0.4623	-0.35101
	std. dev.	0.003377	0.000359	0.000138	0.000575	0.002447
H13	mean	0.50044	0.03186	0.00086	0.04528	-0.34861
	std. dev.	0.002125	0.000209	0.000089	0.000295	0.001396
H14	mean	0.49020	0.02343	0.00078	0.06729	-0.36325
	std. dev.	0.002184	0.000937	0.000561	0.000599	0.001658
H15	mean	0.48491	0.02407	0.00283	0.06631	-0.36418
	std. dev.	0.002739	0.000758	0.000532	0.000517	0.001570

TABLE 3. (CONT.)

Run #		Lift, C_L	Drag, C_D	Pitching Moment C_M	Rolling Moment C_N	Yawing Moment C
H16	mean	0.49814	0.02098	0.00094	0.06284	-0.36428
	std. dev.	0.003350	0.001065	0.000143	0.000467	0.003015
H17	mean	0.49200	0.02318	0.00111	0.06348	-0.36443
	std. dev.	0.002227	0.000845	0.000243	0.000301	0.002368
H18	mean	0.48845	0.02087	0.00238	0.06150	-0.36745
	std. dev.	0.002512	0.000619	0.000528	0.000460	0.002683

TABLE 3. (CONT.) BALANCE DATA

Vertical Wing Position

Run #		Lift, C_L	Drag, C_D	Pitching Moment, C_M	Yawing Moment, C_N	Pitching Moment, C_g
V1	mean	0.48081	0.01884	0.00262	0.01076	-0.34876
	std. dev.	0.004247	0.000887	0.000102	0.000338	0.003038
V2	mean	0.47513	0.01901	0.00247	0.01112	-0.35071
	std. dev.	0.002174	0.000785	0.000097	0.000152	0.001983
V3	mean	0.47761	0.01870	0.00203	0.00971	-0.35058
	std. dev.	0.002405	0.000655	0.000171	0.000495	0.001931
V4	mean	0.48278	0.02895	0.00432	0.02492	-0.34242
	std. dev.	0.003126	0.000688	0.000071	0.000175	0.002414
V5	mean	0.48478	0.03139	-0.00332	0.02722	-0.34054
	std. dev.	0.002608	0.00918	0.000070	0.000100	0.002064
V6	mean	0.49735	0.02764	-0.00328	0.03032	-0.34118
	std. dev.	0.001970	0.000962	0.000052	0.000235	0.001335
V7	mean	0.50388	0.03092	-0.00181	0.03662	-0.33725
	std. dev.	0.002576	0.000827	0.000035	0.000210	0.002290
V8	mean	0.50864	0.03130	-0.00128	0.03899	-0.33650
	std. dev.	0.002432	0.000519	0.000035	0.000245	0.001345
V9	mean	0.50755	0.03184	-0.00102	0.03939	-0.33615
	std. dev.	0.002251	0.000694	0.000024	0.000191	0.001673
V10	mean	0.48940	0.03133	-0.00104	0.03687	-0.32589
	std. dev.	0.003239	0.000652	0.000031	0.000258	0.002466
V11	mean	0.49269	0.03244	-0.00083	0.03677	-0.32589
	std. dev.	0.003345	0.000517	0.000019	0.000312	0.002313
V12(a) ($Q=1915N/M^2$)	mean	0.48838	0.03213	-0.00014	0.03522	-0.32397
	std. dev.	0.003129	-.000449	0.000015	0.000302	0.002337
V12(b) ($Q=2108N/M^2$)	mean	0.49303	0.03332	-0.00034	0.03643	-0.37554
	std. dev.	0.005895	0.000522	0.000023	0.000571	0.003652
V12(c) ($Q=2394N/M^2$)	mean	0.50072	0.03307	-0.00051	0.03687	-0.33198
	std. dev.	0.006089	0.000870	0.000034	0.000601	0.004138

TABLE 3. CONCLUDED

Run #		Lift, C_L	Drag, C_D	Pitch, C_M	Yaw, C_N	Roll, C_ξ
V13	mean	0.49694	0.03265	-0.00028	0.03712	-0.32366
	std. dev.	0.003709	0.000569	0.000032	0.000321	0.002267
V14	mean	0.50191	0.02993	-0.00057	0.03855	-0.32388
	std. dev.	0.002749	0.001791	0.000029	0.000470	0.002283
V15	mean	0.49693	0.03317	-0.00056	0.03846	-0.32134
	std. dev.	0.003342	0.000639	0.000035	0.000301	0.002283
V16	mean	0.49651	0.03089	-0.00055	0.03887	-0.32077
	std. dev.	0.004306	0.000956	0.000019	0.000421	0.002804
V17	mean	0.50137	0.03295	-0.00055	0.03881	-0.32311
	std. dev.	0.002288	0.000643	0.000028	0.000174	0.001887
V18	mean	0.50040	0.03575	-0.00050	0.03822	-0.32482
	std. dev.	0.003407	0.000244	0.000029	0.000156	0.001797

TABLE 4. Nominal Coordinates for the Edges of the Wake Velocity Survey Sub-Planes

Sub-plane	y/c min	y/c max	z/c min	z/c max
A	-2.2	1.0	-0.5	0.3
B	-0.5	0.5	-0.5	0.3
C	-0.2	0.2	-0.15	0.15
D	-0.1	0.1	-0.1	0.1
E*	-0.005	0.005	-0.3	0.3
F*	-0.3	0.3	-0.005	0.005
G**	varies	varies	varies	varies

* Centered on tip vortex

** G planes were sized to follow the wing's viscous wake

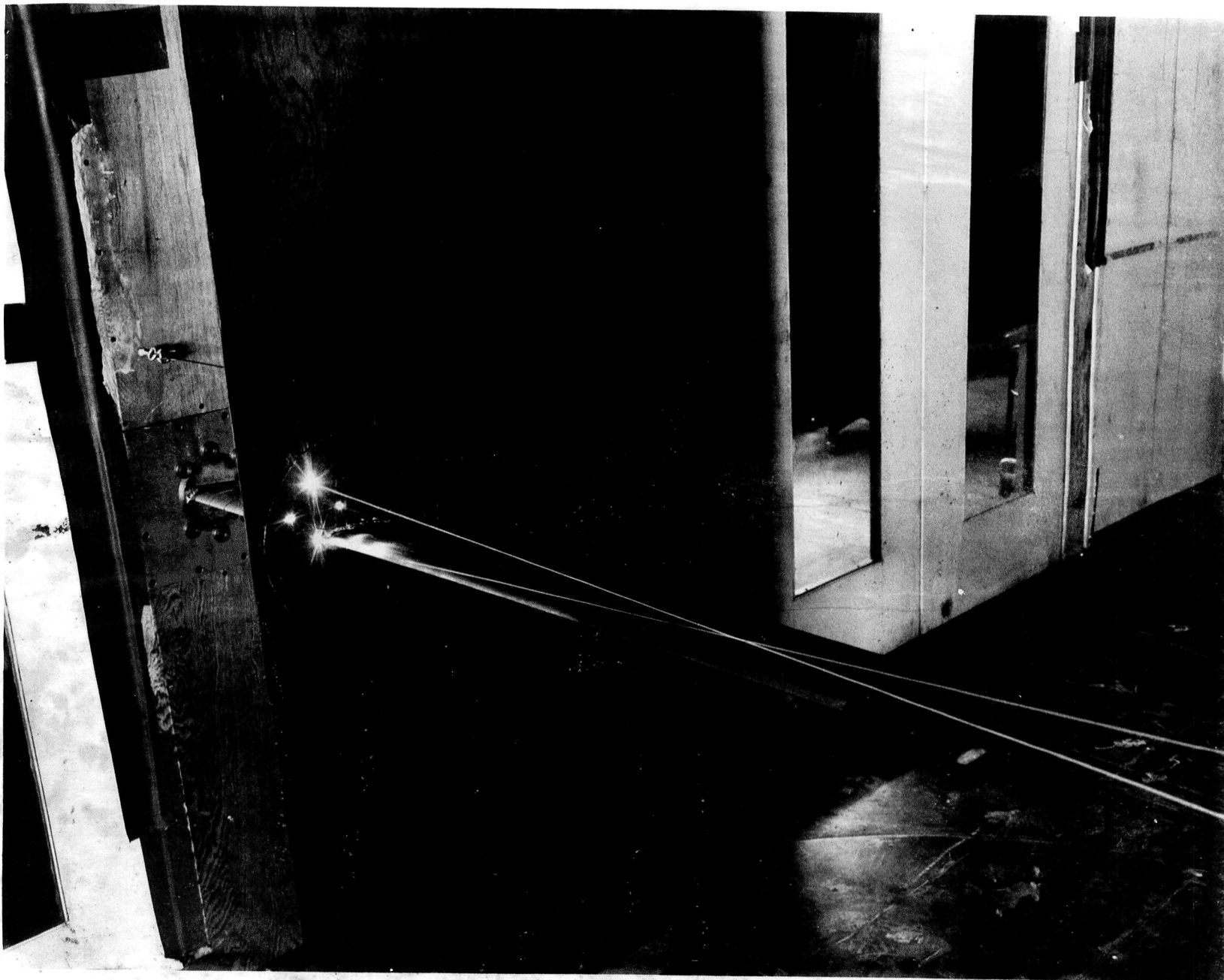


Figure 1.- Photograph of wing installed in wind tunnel in horizontal position.

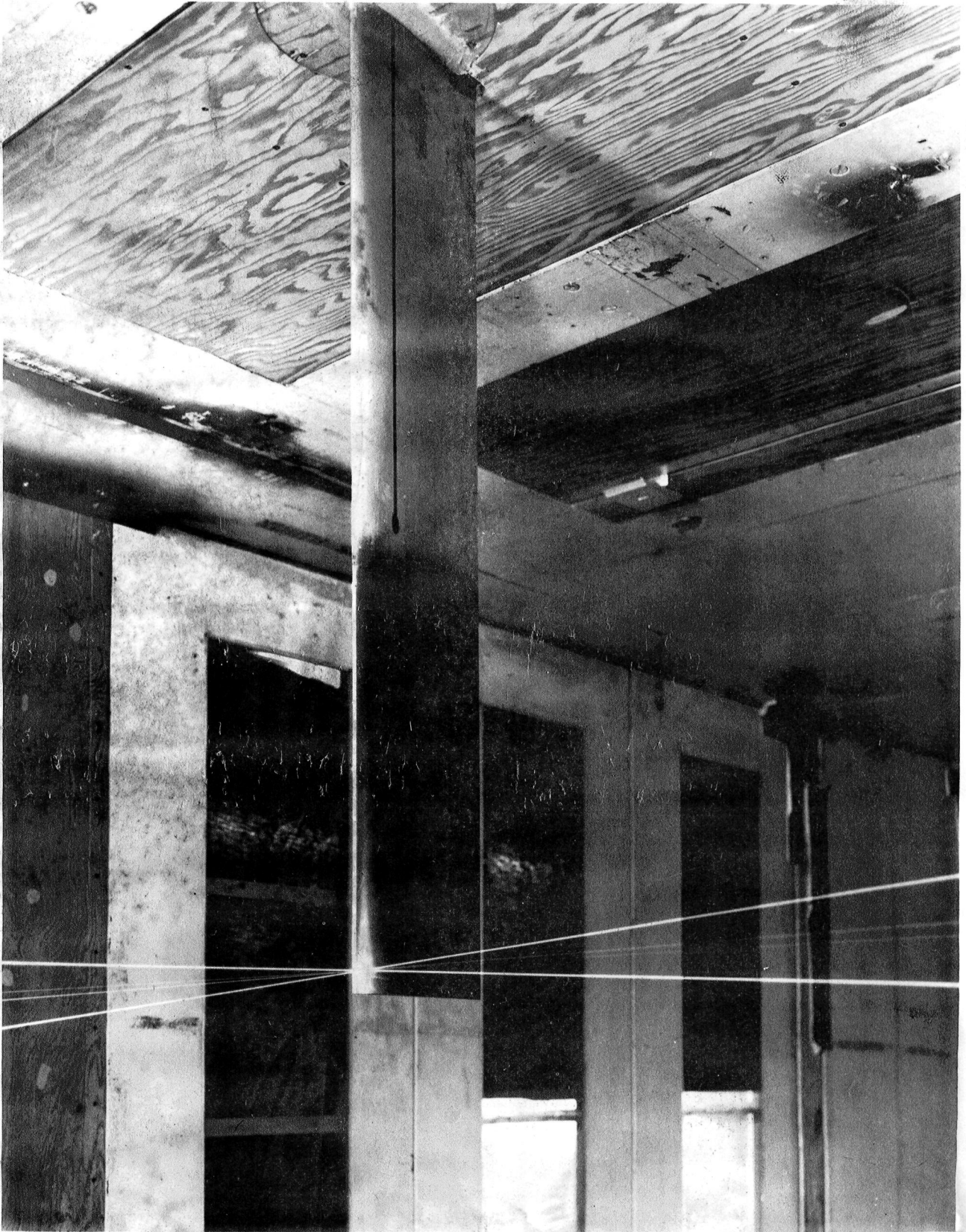


Figure 2.- Photograph of wing installed in wind tunnel in vertical position.

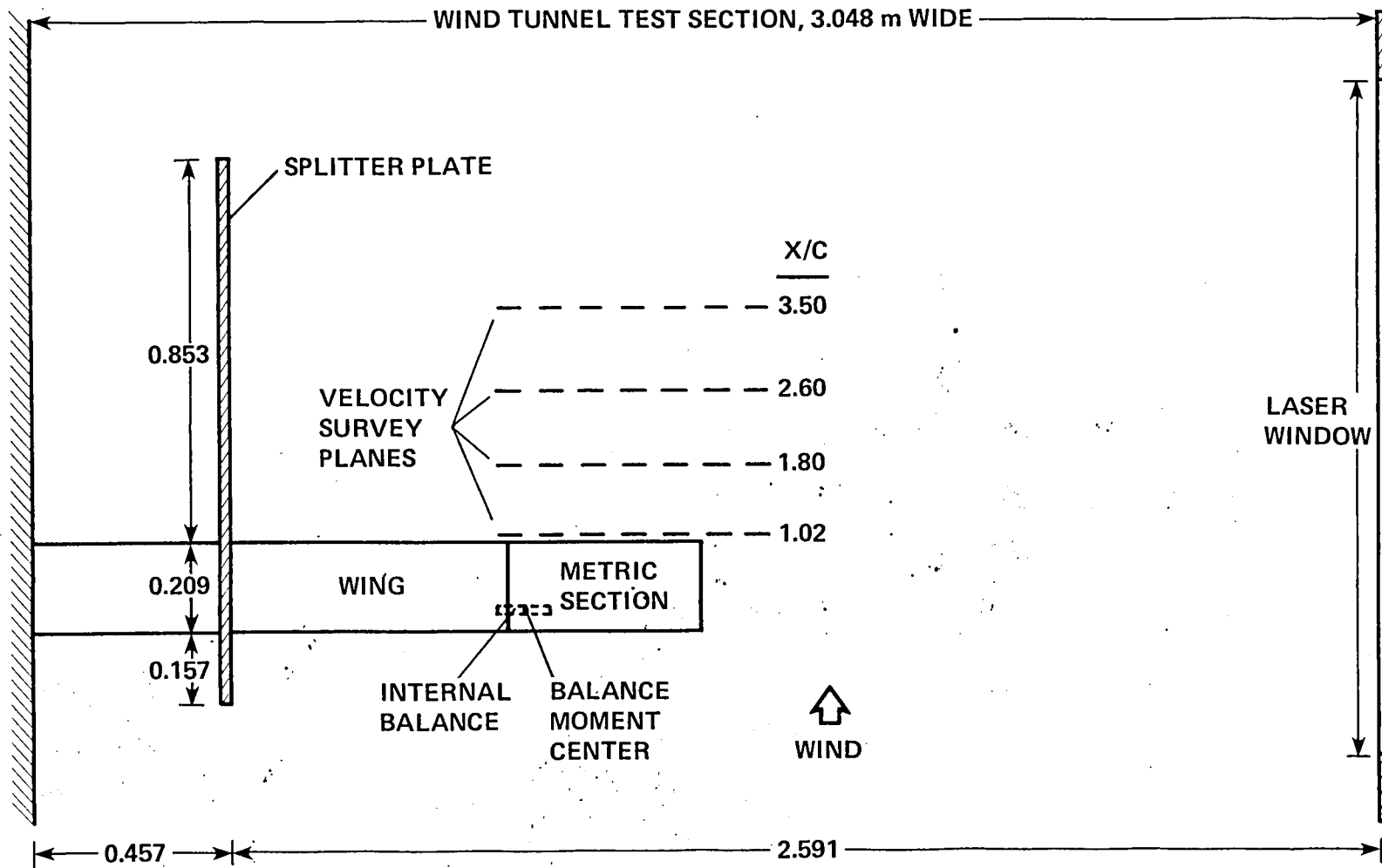


Figure 3.- Plan view of wing installed in wind tunnel in horizontal position.

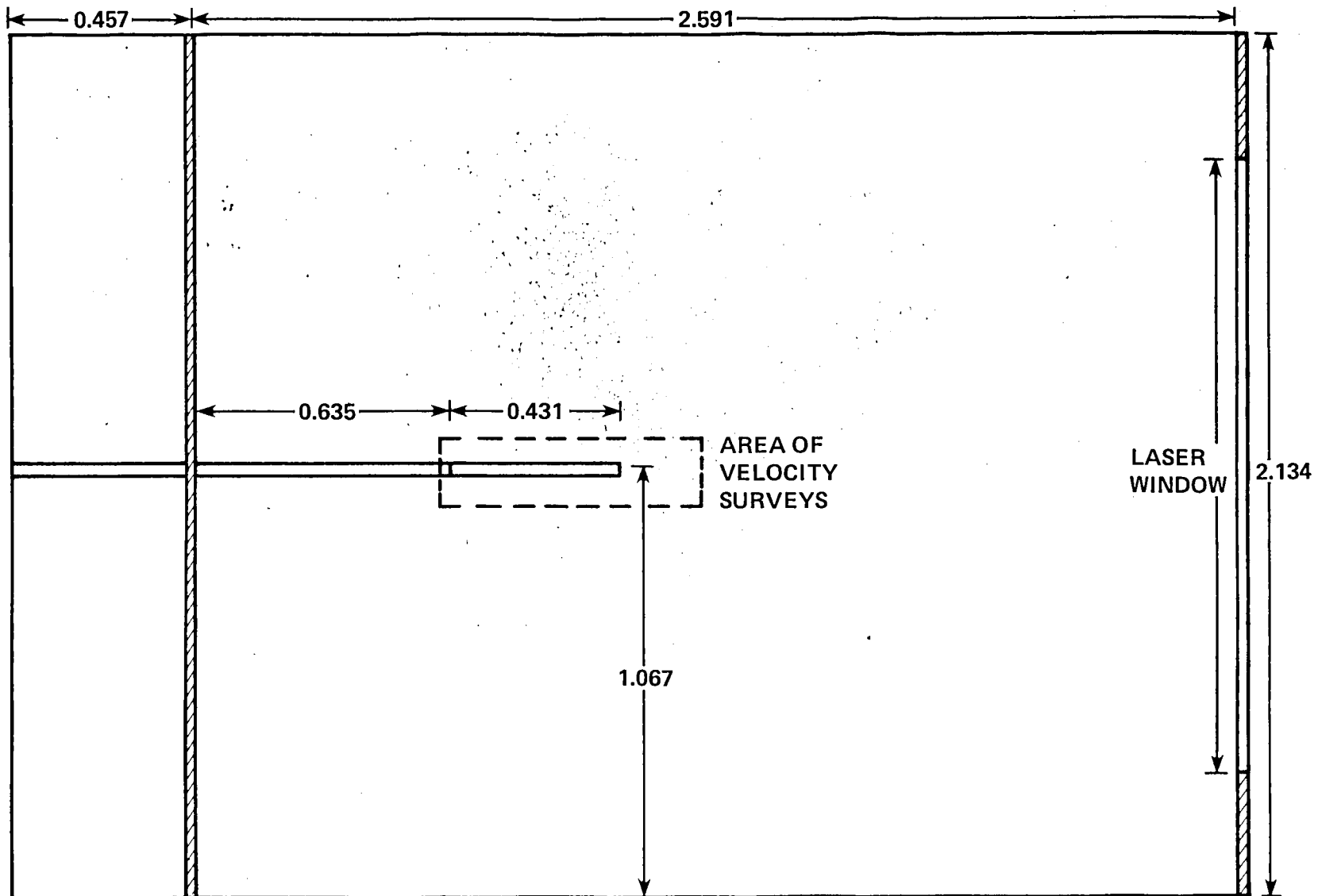


Figure 4.- Sketch of wing installed in wind tunnel in horizontal position. looking downstream.

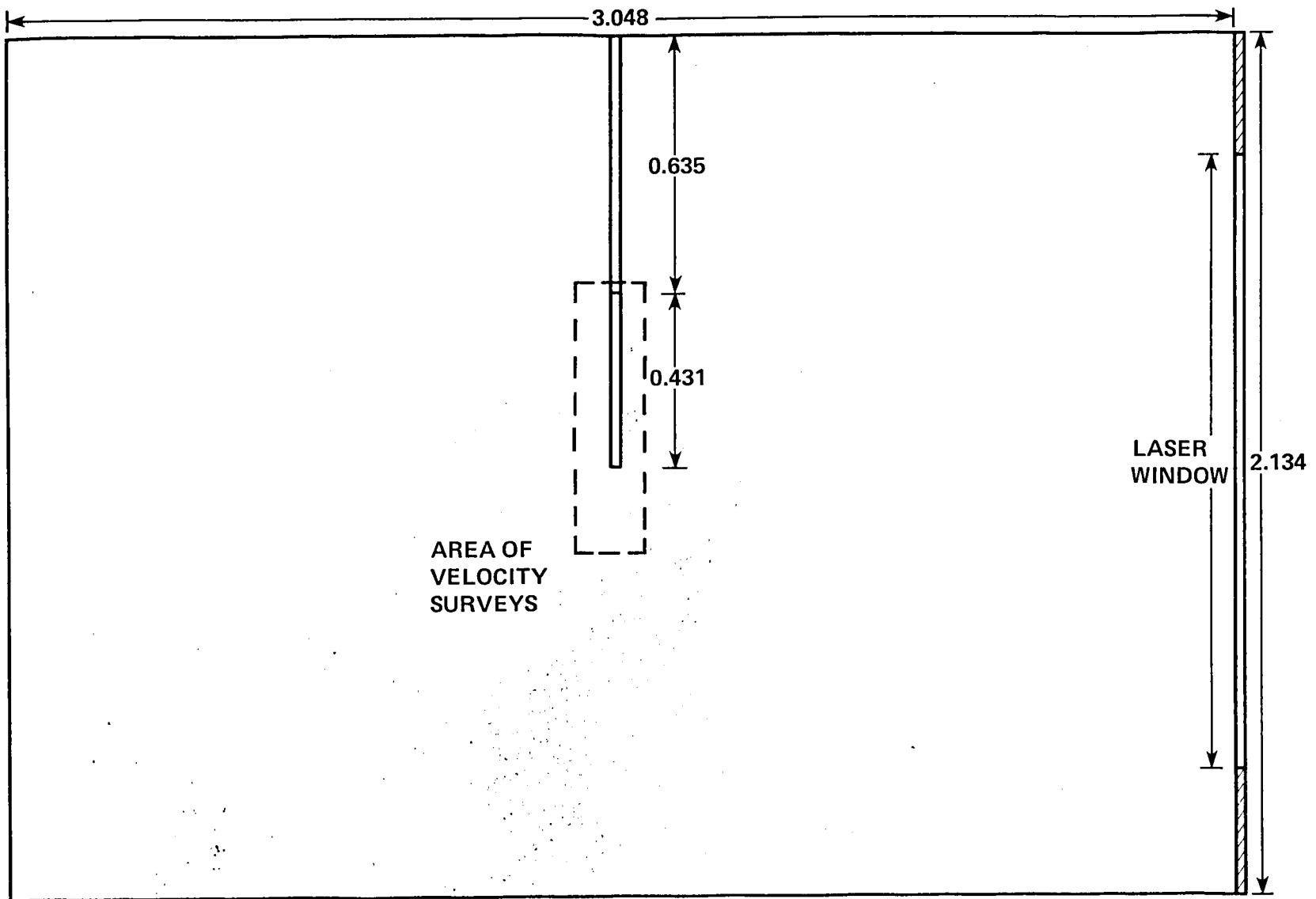


Figure 5.- Sketch of wing installed in wind tunnel in vertical position, looking downstream.

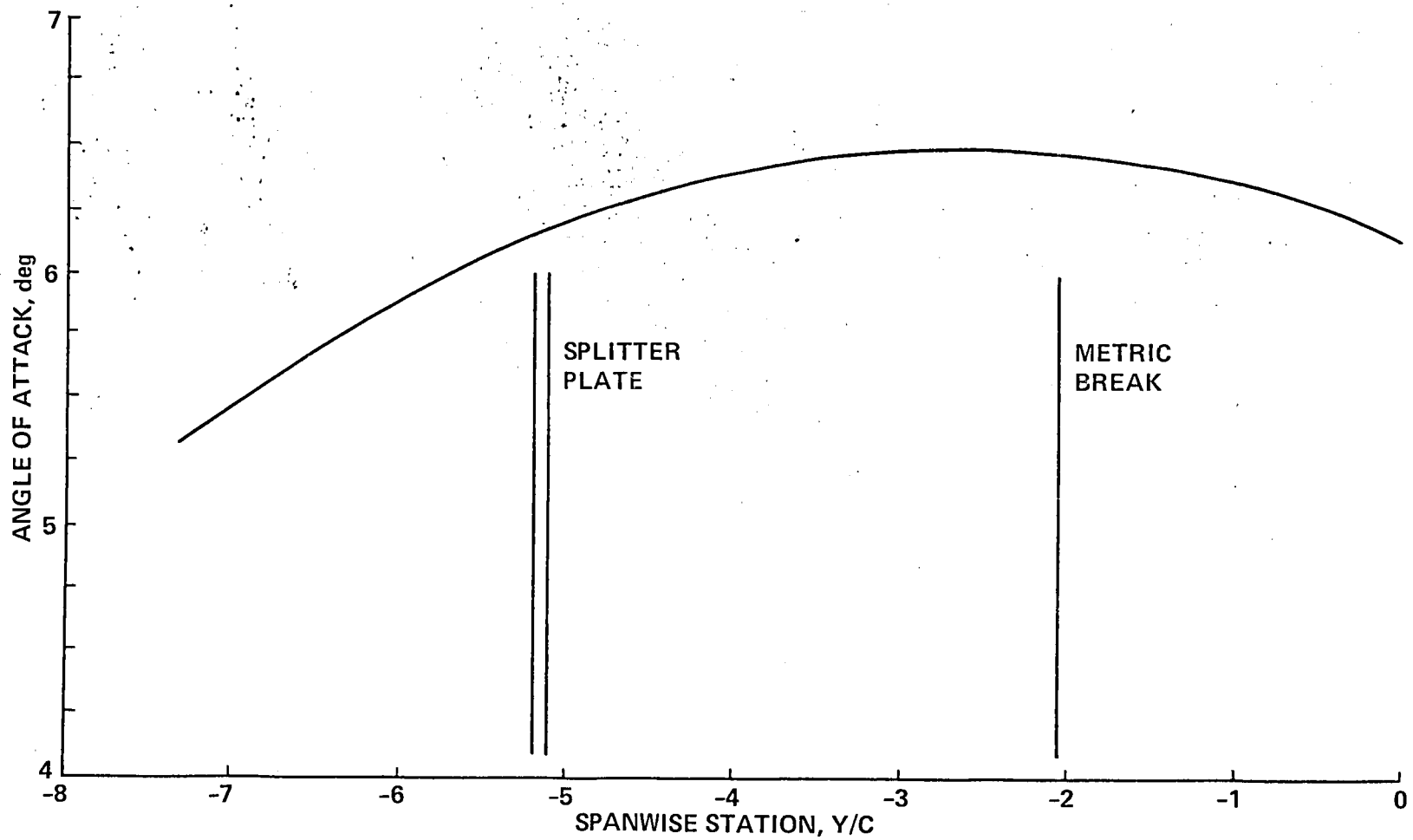


Figure 6.- Wing angle of attack distribution.

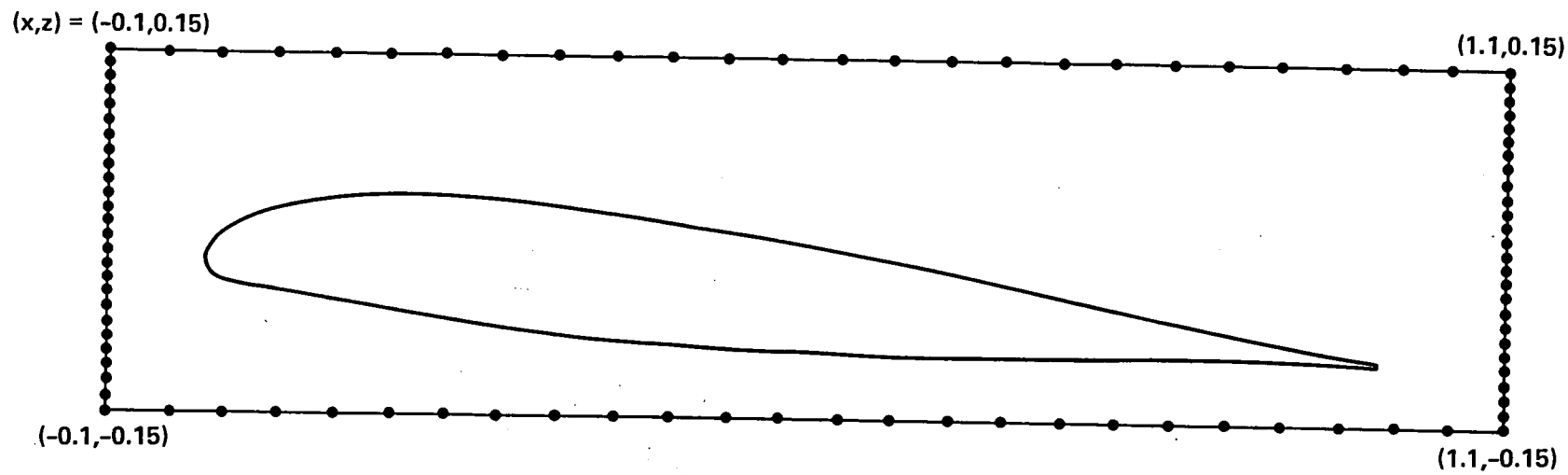


Figure 7.- Sketch of circulation box.

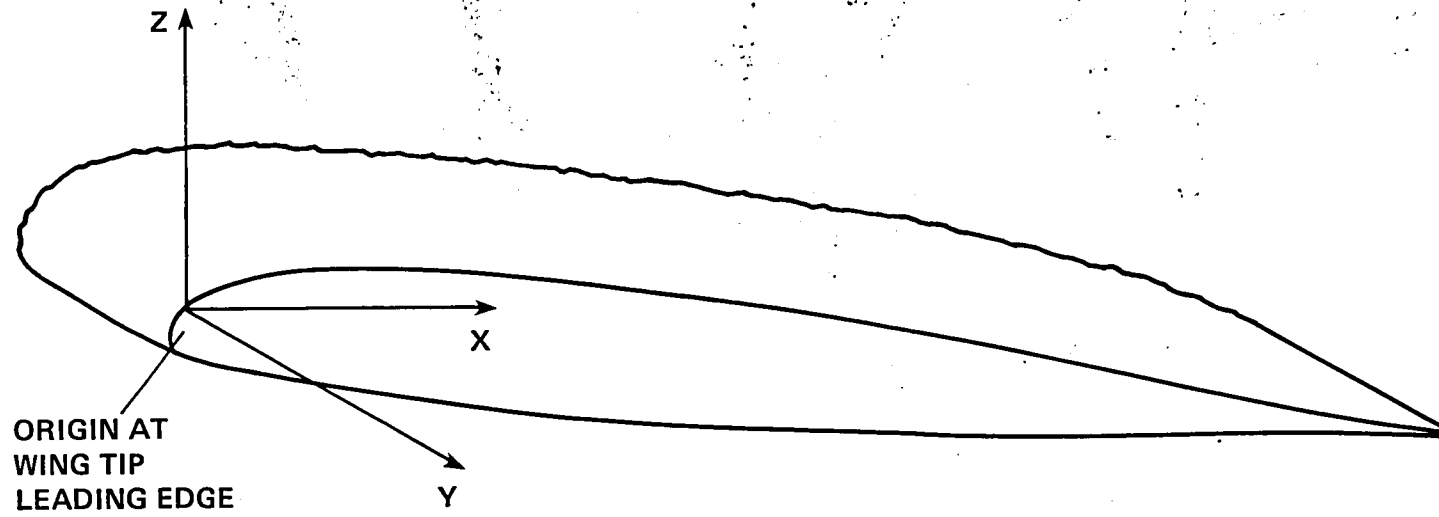


Figure 8.- Sketch of coordinate system.

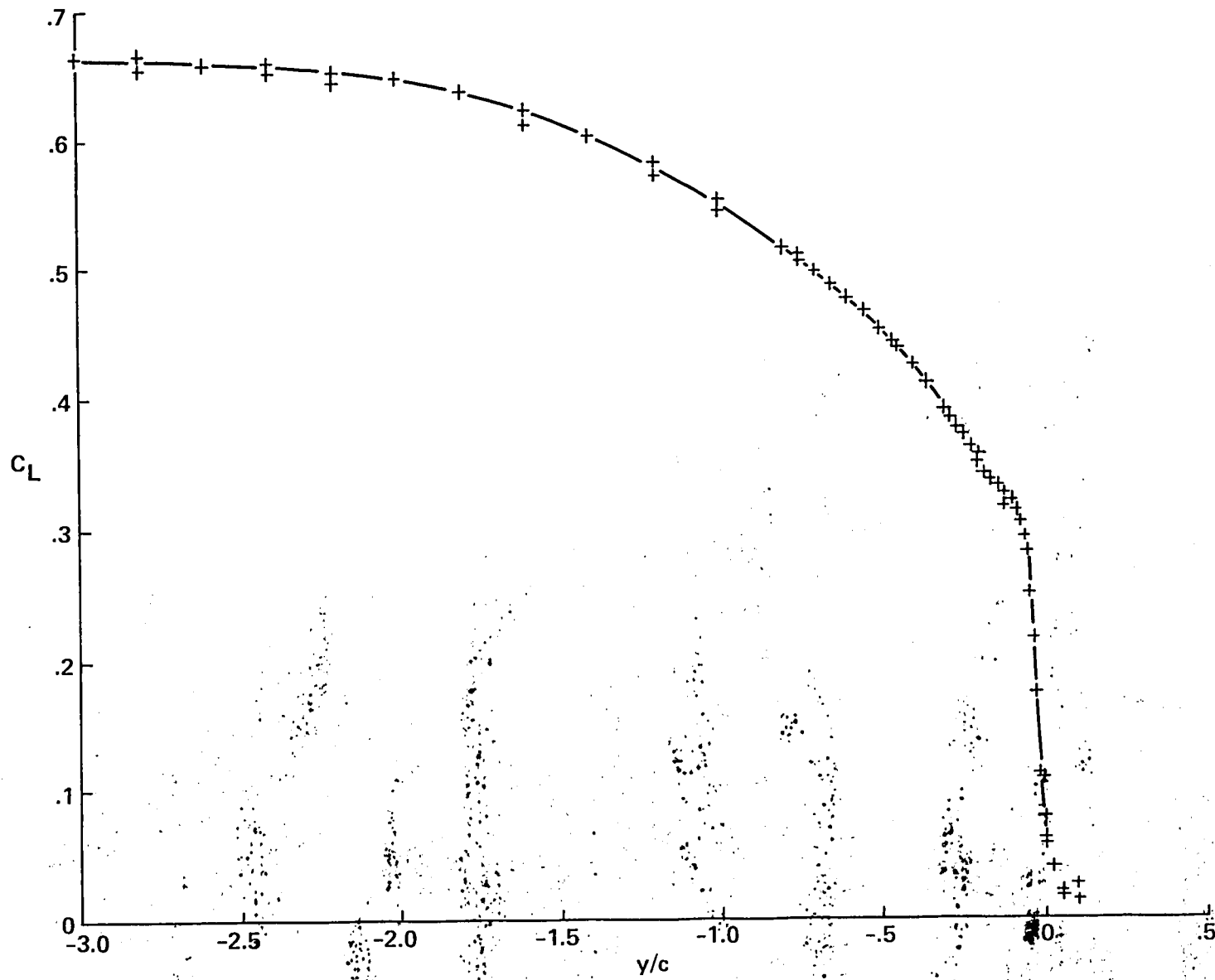


Figure 9.- Spanwise variation of section lift loading.

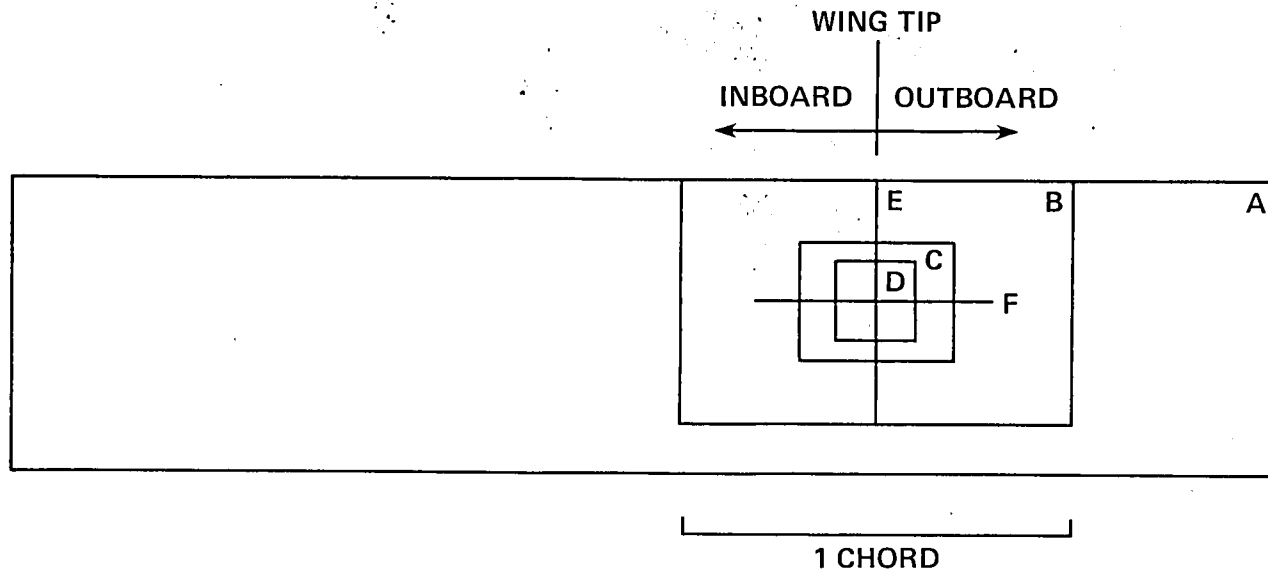


Figure 10.- Sketch of wake velocity survey sub-planes.

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-2.2000	0.3000	1.026509	0.012365	1.015790	0.007314	0.024011	0.010487	-0.097551	0.008210
-2.0000	0.3000	1.026640	0.011122	1.017440	0.007438	0.021098	0.011114	-0.096260	0.009993
-1.8000	0.3000	1.027570	0.010795	1.016919	0.007719	0.025875	0.017266	-0.095460	0.010844
-1.6000	0.3000	1.022140	0.013643	1.019300	0.006794	0.030611	0.010698	-0.096169	0.008007
-1.4000	0.3000	1.026429	0.010125	1.014930	0.006621	0.035963	0.008545	-0.097103	0.011935
-1.2000	0.3000	1.017639	0.009826	1.017309	0.007246	0.034667	0.008210	-0.097133	0.008834
-1.0000	0.3000	1.013940	0.011322	1.008220	0.007880	0.037924	0.010851	-0.094848	0.008430
-0.8000	0.3000	1.017489	0.009792	1.009100	0.008053	0.050596	0.006823	-0.086827	0.010660
-0.6000	0.3000	1.017790	0.010271	1.005819	0.008253	0.061223	0.007251	-0.091095	0.008760
-0.4000	0.3000	1.010870	0.008201	1.000839	0.007303	0.066113	0.009262	-0.076174	0.008898
-0.2000	0.3000	1.008599	0.008041	1.005630	0.007343	0.096641	0.006361	-0.058757	0.007591
0.0000	0.3000	1.003539	0.007951	1.005239	0.007169	0.103140	0.010724	0.003020	0.006097
0.2000	0.3000	1.000710	0.008351	1.009740	0.007811	0.052008	0.007551	0.039622	0.011747
0.4000	0.3000	1.005329	0.005695	1.003909	0.008004	0.036903	0.006227	0.038437	0.009980
0.6000	0.3000	1.008929	0.006108	1.005500	0.008471	0.016827	0.006577	0.029113	0.008463
0.8000	0.3000	1.001400	0.004920	1.006390	0.009086	0.008585	0.006689	0.029890	0.010187
1.0000	0.3000	1.002830	0.005671	1.003469	0.007628	0.010854	0.006409	0.008237	0.006081
-2.2000	0.1000	0.995082	0.011688	0.992822	0.010571	0.018326	0.012114	-0.112633	0.011324
-2.0000	0.1000	0.986532	0.011571	0.992201	0.007720	0.020878	0.011199	-0.118288	0.009549
-1.8000	0.1000	0.991049	0.012344	0.993969	0.006791	0.020947	0.011603	-0.119736	0.009162
-1.6000	0.1000	0.991434	0.010807	0.991623	0.008361	0.015742	0.007684	-0.115685	0.010962
-1.4000	0.1000	0.995283	0.009860	0.988315	0.008732	0.033355	0.009956	-0.117962	0.008129
-1.2000	0.1000	0.987417	0.009696	0.989093	0.008366	0.034236	0.007605	-0.116740	0.009254
-1.0000	0.1000	0.988850	0.009084	0.981751	0.008484	0.047407	0.009314	-0.112572	0.008265
-0.8000	0.1000	0.983957	0.007155	0.977579	0.007989	0.060985	0.009295	-0.112689	0.008745
-0.6000	0.1000	0.987773	0.008609	0.984418	0.006899	0.072854	0.011868	-0.113290	0.007309
-0.4000	0.1000	0.986999	0.008732	0.980918	0.008032	0.084515	0.009317	-0.113749	0.008671
-0.2000	0.1000	0.990311	0.007591	0.985516	0.007938	0.126291	0.006359	-0.124909	0.007380
0.0000	0.1000	0.994734	0.008427	0.981566	0.008760	0.227672	0.008099	0.080445	0.010360
0.2000	0.1000	0.999435	0.007056	0.996301	0.008924	0.056974	0.008947	0.088145	0.011365
0.4000	0.1000	0.998598	0.005294	1.001989	0.007855	0.021495	0.012365	0.059907	0.010144
0.6000	0.1000	0.997170	0.006501	1.003449	0.009913	0.010369	0.009355	0.040483	0.008019
0.8000	0.1000	1.002789	0.006446	1.004919	0.009838	0.007540	0.007191	0.024817	0.010305
1.0000	0.1000	0.999370	0.004360	1.001320	0.008593	0.003426	0.010434	0.018915	0.009454
-2.2000	-0.1000	0.949583	0.012105	0.944294	0.010422	0.006247	0.009201	-0.054395	0.010253
-2.0000	-0.1000	0.952051	0.016190	0.947124	0.013040	0.015398	0.021005	-0.063382	0.009951
-1.8000	-0.1000	0.947770	0.015540	0.939856	0.009520	-0.008384	0.011258	-0.061305	0.009294

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.6000	-0.1000	0.949475	0.017453	0.944310	0.010937	-0.002094	0.013331	-0.057785	0.008468
-1.4000	-0.1000	0.950985	0.013903	0.945813	0.009760	-0.018439	0.010505	-0.060521	0.007495
-1.2000	-0.1000	0.945504	0.011671	0.947512	0.010793	-0.016232	0.011182	-0.055839	0.006794
-1.0000	-0.1000	0.957124	0.011925	0.952543	0.008421	-0.019959	0.008549	-0.060420	0.007407
-0.8000	-0.1000	0.951322	0.009883	0.950084	0.010070	-0.018378	0.007888	-0.059772	0.007547
-0.6000	-0.1000	0.953874	0.008834	0.947981	0.009406	-0.043790	0.010683	-0.063575	0.007811
-0.4000	-0.1000	0.951503	0.010806	0.956971	0.009834	-0.072711	0.008090	-0.064119	0.008394
-0.2000	-0.1000	0.956855	0.008830	0.966746	0.010009	-0.114316	0.012400	-0.055870	0.006498
0.0000	-0.1000	0.986753	0.008510	0.998217	0.009103	-0.169798	0.009747	0.088057	0.007862
0.2000	-0.1000	0.994916	0.007202	0.996946	0.008742	-0.022371	0.012094	0.100554	0.012784
0.4000	-0.1000	0.998675	0.005881	0.997278	0.010775	-0.002752	0.009929	0.056511	0.007774
0.6000	-0.1000	1.003489	0.005927	1.002419	0.008824	0.001790	0.009647	0.033006	0.007426
0.8000	-0.1000	1.004200	0.005289	1.001820	0.009741	-0.009957	0.009850	0.023741	0.008845
1.0000	-0.1000	0.998174	0.005971	0.997444	0.007348	-0.001528	0.012455	0.014160	0.006798
-2.2000	-0.3000	0.961263	0.010844	0.966668	0.008755	0.002533	0.007959	-0.049486	0.008648
-2.0000	-0.3000	0.954720	0.009387	0.965160	0.010400	0.010449	0.008526	-0.044254	0.010672
-1.8000	-0.3000	0.955547	0.011070	0.965033	0.007341	-0.002694	0.010581	-0.044840	0.009926
-1.6000	-0.3000	0.956736	0.009531	0.966391	0.009854	-0.014989	0.008448	-0.044417	0.009588
-1.4000	-0.3000	0.953007	0.009540	0.964235	0.008327	-0.013030	0.008744	-0.044046	0.009613
-1.2000	-0.3000	0.961441	0.009558	0.966626	0.008575	-0.013633	0.007485	-0.037240	0.009495
-1.0000	-0.3000	0.962136	0.006505	0.963838	0.008128	-0.021445	0.010111	-0.041958	0.008146
-0.8000	-0.3000	0.961779	0.008007	0.970436	0.008801	-0.020734	0.012124	-0.043812	0.009868
-0.6000	-0.3000	0.967918	0.006730	0.973423	0.010781	-0.036924	0.008807	-0.039720	0.010367
-0.4000	-0.3000	0.966527	0.006041	0.975989	0.008955	-0.066616	0.009969	-0.033185	0.008411
-0.2000	-0.3000	0.970352	0.004323	0.989236	0.007226	-0.076852	0.010501	-0.015357	0.008314
0.0000	-0.3000	0.979835	0.005590	0.990128	0.009694	-0.073941	0.009887	0.030785	0.008699
0.2000	-0.3000	0.984880	0.004952	0.999763	0.008720	-0.055244	0.010813	0.050467	0.008788
0.4000	-0.3000	0.987529	0.005771	0.995165	0.010386	-0.022346	0.011098	0.037747	0.007515
0.6000	-0.3000	0.986706	0.004595	0.998188	0.007775	-0.016202	0.012145	0.028870	0.008452
0.8000	-0.3000	0.994735	0.005037	0.999477	0.007745	-0.005988	0.009785	0.017868	0.006612
1.0000	-0.3000	0.988635	0.004879	0.997002	0.009914	0.000383	0.014663	0.007073	0.007297
-2.2000	-0.5000	0.961806	0.008308	0.974758	0.009008	-0.001427	0.011512	-0.031406	0.008678
-2.0000	-0.5000	0.955428	0.009741	0.969249	0.009562	-0.000351	0.007239	-0.022388	0.009421
-1.8000	-0.5000	0.955818	0.011178	0.970467	0.009353	0.003182	0.011871	-0.027001	0.013690
-1.6000	-0.5000	0.962532	0.008948	0.976054	0.010360	-0.013095	0.009982	-0.029405	0.011132
-1.4000	-0.5000	0.957085	0.008730	0.974563	0.010609	-0.019293	0.009930	-0.031704	0.010331
-1.2000	-0.5000	0.961491	0.008535	0.966910	0.007476	-0.016861	0.009214	-0.032462	0.008952
-1.0000	-0.5000	0.961844	0.008329	0.973243	0.010712	-0.021684	0.010327	-0.027401	0.009106

30

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.8000	-0.5000	0.966015	0.007238	0.980339	0.010334	-0.022061	0.010841	-0.029226	0.007241
-0.6000	-0.5000	0.961162	0.007497	0.980179	0.009066	-0.039120	0.009873	-0.023649	0.008274
-0.4000	-0.5000	0.975139	0.008403	0.986838	0.009199	-0.037675	0.010679	-0.017630	0.007605
-0.2000	-0.5000	0.975740	0.008663	0.991385	0.010206	-0.053115	0.007954	0.004055	0.010117
0.0000	-0.5000	0.982235	0.008177	0.993959	0.008964	-0.045245	0.010557	0.014837	0.007004
0.2000	-0.5000	0.978874	0.006416	0.993504	0.009905	-0.041310	0.010086	0.029922	0.012536
0.4000	-0.5000	0.990124	0.006813	0.997809	0.008387	-0.026158	0.012955	0.024029	0.007556
0.6000	-0.5000	0.977948	0.005960	0.990369	0.009767	-0.013844	0.010945	0.026346	0.007191
0.8000	-0.5000	0.980924	0.006091	0.996170	0.009425	-0.010029	0.009716	0.015645	0.008681
1.0000	-0.5000	0.982904	0.005175	1.000250	0.009362	0.005648	0.009214	0.011508	0.008294

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

B

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.5000	0.3000	1.011689	0.010911	1.007130	0.005475	0.066454	0.009108	-0.088093	0.009509
-0.4000	0.3000	1.004820	0.010552	1.002930	0.007184	0.069742	0.008450	-0.079355	0.008743
-0.3000	0.3000	1.006780	0.008438	0.997876	0.005289	0.081564	0.008622	-0.071145	0.009355
-0.2000	0.3000	1.004560	0.011845	1.004149	0.006432	0.098203	0.009737	-0.057471	0.009526
-0.1000	0.3000	1.005950	0.010399	0.996813	0.005641	0.104759	0.007148	-0.032310	0.008245
-0.0000	0.3000	1.006269	0.009151	1.000739	0.006971	0.084948	0.011197	0.008662	0.009857
0.1000	0.3000	1.006820	0.009870	1.004270	0.005527	0.086179	0.007289	0.031335	0.013080
0.2000	0.3000	0.998461	0.007433	1.004129	0.005903	0.059499	0.008306	0.043317	0.012924
0.3000	0.3000	1.005309	0.008690	0.999050	0.005716	0.039977	0.009119	0.037328	0.008475
0.4000	0.3000	1.004339	0.007709	0.996962	0.005476	0.040322	0.008446	0.039759	0.010437
0.5000	0.3000	0.998495	0.007797	1.005899	0.005744	0.022732	0.008832	0.034312	0.006905
-0.5000	0.2000	0.995996	0.010621	0.994975	0.007203	0.067249	0.008383	-0.100235	0.009561
-0.4000	0.2000	0.995291	0.008941	0.988829	0.007331	0.083900	0.009215	-0.091428	0.010411
-0.3000	0.2000	0.998667	0.007739	0.992032	0.007876	0.106283	0.007134	-0.086669	0.008507
-0.2000	0.2000	1.001550	0.008466	0.995720	0.006758	0.117470	0.006814	-0.077125	0.009110
-0.1000	0.2000	0.997213	0.011690	0.996276	0.006500	0.147871	0.009969	-0.045919	0.008265
-0.0000	0.2000	1.002600	0.008434	0.990249	0.006043	0.144229	0.015132	0.019874	0.007876
0.1000	0.2000	1.001889	0.007798	0.990424	0.008319	0.110987	0.009197	0.063054	0.008439
0.2000	0.2000	1.004539	0.007457	0.995744	0.007672	0.069026	0.011465	0.063224	0.009619
0.3000	0.2000	1.004580	0.008432	1.002769	0.006725	0.048660	0.008880	0.049481	0.008581
0.4000	0.2000	1.002330	0.008870	0.998252	0.006819	0.033420	0.008104	0.045399	0.006258
0.5000	0.2000	0.996429	0.007434	1.003670	0.007174	0.026088	0.007544	0.040530	0.009338
-0.5000	0.1000	0.983288	0.008571	0.930724	0.007789	0.076104	0.010836	-0.111570	0.009596
-0.4000	0.1000	0.990531	0.009633	0.978335	0.005051	0.083513	0.007600	-0.113588	0.008165
-0.3000	0.1000	0.984539	0.009404	0.982671	0.006586	0.101156	0.006269	-0.112492	0.008237
-0.2000	0.1000	0.990118	0.010136	0.983589	0.007116	0.126190	0.009611	-0.121132	0.009338
-0.1000	0.1000	0.990279	0.007075	0.978806	0.007005	0.206667	0.013870	-0.111948	0.008387
-0.0000	0.1000	0.986417	0.008563	0.984076	0.006793	0.210098	0.016069	0.078013	0.010500
0.1000	0.1000	0.988625	0.006572	0.982160	0.007016	0.119432	0.009088	0.128893	0.008774
0.2000	0.1000	0.994059	0.007850	0.993544	0.007588	0.055847	0.007453	0.086797	0.011699
0.3000	0.1000	0.993462	0.006948	0.998709	0.006503	0.043296	0.007829	0.074216	0.009376
0.4000	0.1000	1.000899	0.008251	1.003460	0.007348	0.025841	0.009117	0.065088	0.011016
0.5000	0.1000	1.000560	0.007893	0.998117	0.006128	0.013990	0.009832	0.046946	0.008461
-0.5000	0.0000	0.958139	0.007437	0.957637	0.006169	0.070399	0.009362	-0.122027	0.008596
-0.4000	0.0000	0.957091	0.004973	0.955631	0.007342	0.076119	0.008047	-0.123716	0.007737
-0.3000	0.0000	0.963962	0.007105	0.957230	0.007645	0.096339	0.008582	-0.128383	0.005935
-0.2000	0.0000	0.970089	0.008514	0.962771	0.011112	0.094674	0.010411	-0.138609	0.009215

12

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.0000	0.985710	0.008614	0.969431	0.012099	0.111839	0.026237	-0.312537	0.018616
-0.0000	0.0000	1.103439	0.053842	1.014319	0.074087	0.102331	0.071983	0.293015	0.051817
0.1000	0.0000	0.976139	0.008339	0.980415	0.008427	0.035195	0.009111	0.202933	0.006980
0.2000	0.0000	0.988270	0.006269	0.993674	0.007940	0.015938	0.009077	0.114876	0.008710
0.3000	0.0000	0.996038	0.005806	1.001539	0.007910	0.009509	0.007716	0.083954	0.006881
0.4000	0.0000	0.996890	0.007628	0.997987	0.006891	0.014641	0.011503	0.060576	0.008952
0.5000	0.0000	0.991539	0.006443	0.995231	0.008375	0.009643	0.008160	0.049268	0.009900
-0.5000	-0.1000	0.945488	0.015482	0.956043	0.008685	-0.061638	0.014147	-0.061214	0.006502
-0.4000	-0.1000	0.950647	0.007553	0.950797	0.008348	-0.074979	0.015309	-0.063042	0.007308
-0.3000	-0.1000	0.957506	0.010094	0.955562	0.008777	-0.092106	0.011849	-0.065279	0.006132
-0.2000	-0.1000	0.957100	0.008892	0.961972	0.007288	-0.121768	0.008640	-0.056062	0.006324
-0.1000	-0.1000	0.966475	0.009772	0.977360	0.007594	-0.175011	0.011927	-0.027659	0.005420
-0.0000	-0.1000	0.980480	0.010261	0.991100	0.007931	-0.185936	0.010602	0.062221	0.006994
0.1000	-0.1000	0.978025	0.008954	0.987465	0.008160	-0.068936	0.009515	0.131327	0.010260
0.2000	-0.1000	0.989385	0.006738	0.991406	0.008152	-0.020893	0.010156	0.097756	0.008401
0.3000	-0.1000	0.989833	0.005546	0.999713	0.008375	-0.010993	0.009005	0.073206	0.010033
0.4000	-0.1000	0.992736	0.006962	0.996190	0.006755	-0.007714	0.008327	0.053405	0.011928
0.5000	-0.1000	0.996450	0.006437	0.999339	0.007205	0.006260	0.010370	0.044628	0.008697
-0.5000	-0.2000	0.961996	0.009465	0.964940	0.006596	-0.056617	0.011318	-0.047873	0.007848
-0.4000	-0.2000	0.965694	0.008210	0.975053	0.007452	-0.069459	0.008316	-0.045994	0.007635
-0.3000	-0.2000	0.965560	0.007534	0.972497	0.007372	-0.086980	0.009640	-0.039636	0.005968
-0.2000	-0.2000	0.974657	0.008038	0.980447	0.007290	-0.093437	0.008608	-0.026300	0.006632
-0.1000	-0.2000	0.977586	0.008698	0.983357	0.007529	-0.119523	0.010186	0.003998	0.008964
-0.0000	-0.2000	0.981553	0.008356	0.989055	0.008065	-0.100398	0.008910	0.052391	0.005936
0.1000	-0.2000	0.987207	0.008041	0.989648	0.006514	-0.067238	0.009088	0.076487	0.006493
0.2000	-0.2000	0.995195	0.008636	0.995665	0.007850	-0.042390	0.011491	0.074415	0.009315
0.3000	-0.2000	0.991463	0.007651	0.996237	0.007909	-0.022209	0.012705	0.059593	0.008016
0.4000	-0.2000	0.994104	0.007727	0.995746	0.007092	-0.011344	0.007245	0.049861	0.010426
0.5000	-0.2000	0.992830	0.007744	0.990694	0.006798	-0.009333	0.010457	0.041061	0.006221
-0.5000	-0.3000	0.966700	0.009545	0.972713	0.008889	-0.061213	0.010201	-0.036478	0.007760
-0.4000	-0.3000	0.976237	0.009091	0.976339	0.007636	-0.063442	0.010080	-0.030894	0.009245
-0.3000	-0.3000	0.975353	0.010785	0.977482	0.008012	-0.066964	0.011220	-0.022892	0.008110
-0.2000	-0.3000	0.982232	0.009553	0.985706	0.008676	-0.075854	0.011462	-0.012375	0.010242
-0.1000	-0.3000	0.982810	0.008365	0.981736	0.008233	-0.090928	0.008393	0.012508	0.006475
-0.0000	-0.3000	0.983815	0.008837	0.987693	0.007437	-0.065803	0.010483	0.030531	0.006719
0.1000	-0.3000	0.981900	0.008000	0.990759	0.008685	-0.057950	0.009346	0.046197	0.008890
0.2000	-0.3000	0.991100	0.007920	0.991509	0.010088	-0.051706	0.009546	0.046942	0.006753
0.3000	-0.3000	0.989144	0.008656	0.994672	0.008021	-0.029632	0.009074	0.049121	0.009573

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

B

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
0.4000	-0.3000	0.990530	0.006618	0.998955	0.007640	-0.025160	0.008174	0.041325	0.008338
0.5000	-0.3000	0.988093	0.008098	1.005300	0.006673	-0.012205	0.008926	0.031697	0.008835

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2000	0.1500	0.993187	0.009552	0.986825	0.007373	0.126924	0.008383	-0.099287	0.007572
-0.1500	0.1500	1.000979	0.009568	0.985897	0.008803	0.155858	0.007770	-0.093665	0.006986
-0.1000	0.1500	1.001539	0.009117	0.990825	0.008946	0.166562	0.008685	-0.069931	0.008576
-0.0500	0.1500	0.995752	0.009695	0.987737	0.006535	0.174130	0.009866	-0.024361	0.010228
0.0000	0.1500	0.996119	0.008328	0.991639	0.008770	0.169628	0.012161	0.038911	0.008913
0.0500	0.1500	0.997594	0.009635	0.993181	0.008946	0.146146	0.009557	0.075530	0.011886
0.1000	0.1500	0.993086	0.008709	0.995570	0.007930	0.112672	0.006119	0.094565	0.007271
0.1500	0.1500	0.993716	0.007897	0.991964	0.008954	0.090089	0.010291	0.079950	0.010427
0.2000	0.1500	1.004840	0.008415	0.994858	0.008532	0.064821	0.009211	0.085398	0.010505
-0.2000	0.1000	0.988529	0.009252	0.979485	0.008098	0.131642	0.011169	-0.122731	0.007035
-0.1500	0.1000	0.986744	0.009659	0.979822	0.007881	0.160594	0.009679	-0.125048	0.006580
-0.1000	0.1000	0.989549	0.008942	0.983382	0.008603	0.196819	0.005021	-0.120007	0.008511
-0.0500	0.1000	0.993623	0.007965	0.982487	0.006501	0.254479	0.011801	-0.034030	0.009614
0.0000	0.1000	0.992114	0.007914	0.983514	0.008327	0.226241	0.011667	0.068681	0.009437
0.0500	0.1000	0.985204	0.007707	0.979551	0.007200	0.175633	0.009591	0.131034	0.014150
0.1000	0.1000	0.995329	0.009473	0.986673	0.007159	0.116342	0.009851	0.140786	0.010096
0.1500	0.1000	0.996760	0.007963	0.992372	0.009555	0.077826	0.008503	0.119906	0.013768
0.2000	0.1000	0.993971	0.007977	0.997519	0.008347	0.052299	0.008972	0.104295	0.016210
-0.2000	0.0500	0.985139	0.009010	0.977337	0.008295	0.117925	0.009103	-0.139210	0.009293
-0.1500	0.0500	0.983662	0.009930	0.975487	0.008569	0.154242	0.010524	-0.169623	0.010498
-0.1000	0.0500	0.979258	0.010775	0.976833	0.009285	0.254430	0.012469	-0.243982	0.013895
-0.0500	0.0500	0.984388	0.010945	0.977738	0.011387	0.378931	0.016203	-0.087279	0.020056
0.0000	0.0500	0.976643	0.010761	0.969492	0.008154	0.339109	0.018970	0.221274	0.022124
0.0500	0.0500	0.977132	0.007801	0.971740	0.006852	0.183082	0.008284	0.223991	0.009244
0.1000	0.0500	0.986769	0.008406	0.977285	0.008487	0.098226	0.010550	0.194063	0.012356
0.1500	0.0500	0.992149	0.008907	0.985961	0.007520	0.061129	0.008334	0.137752	0.011274
0.2000	0.0500	0.991037	0.006869	0.991825	0.009811	0.041262	0.008323	0.113909	0.008256
-0.2000	-0.0000	0.988612	0.011116	0.960107	0.011242	0.090248	0.012779	-0.141411	0.007158
-0.1500	-0.0000	0.975002	0.020851	0.970990	0.011425	0.086507	0.011234	-0.191738	0.019976
-0.1000	-0.0000	0.971819	0.008734	0.962345	0.016062	0.134131	0.024293	-0.340797	0.024816
-0.0500	-0.0000	1.008719	0.078767	1.131370	0.049062	0.200671	0.062354	-0.164706	0.086376
0.0000	-0.0000	1.048229	0.059996	1.032980	0.065246	0.103406	0.070086	0.297899	0.055812
0.0500	-0.0000	0.962922	0.008304	0.964452	0.009550	0.069814	0.011892	0.340355	0.018536
0.1000	-0.0000	0.978101	0.009637	0.982512	0.008247	0.042734	0.008024	0.190899	0.011678
0.1500	-0.0000	0.986883	0.008774	0.985926	0.009117	0.033488	0.008322	0.144508	0.013015
0.2000	-0.0000	0.993062	0.009165	0.990853	0.008291	0.026214	0.009446	0.117305	0.010872
-0.2000	-0.0500	0.970636	0.006468	0.714920	0.105150	0.085790	0.044168	0.009397	0.079650

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

C

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1500	-0.0500	0.734836	0.079787	0.807220	0.075019	0.043869	0.040277	-0.043774	0.108112
-0.1000	-0.0500	0.785885	0.079208	0.899555	0.068377	-0.110454	0.018902	-0.082974	0.129178
-0.0500	-0.0500	0.851806	0.070953	0.897386	0.084660	-0.493864	0.037782	0.082123	0.133205
0.0000	-0.0500	0.822578	0.082174	0.945676	0.085470	-0.369086	0.093012	0.078154	0.098873
0.0500	-0.0500	0.966419	0.007048	0.981834	0.009322	-0.097383	0.014072	0.236866	0.009034
0.1000	-0.0500	0.981883	0.009483	0.988883	0.008053	-0.023584	0.009562	0.172060	0.010447
0.1500	-0.0500	0.978718	0.006773	0.984460	0.007525	-0.012679	0.008596	0.136004	0.013938
0.2000	-0.0500	0.984082	0.008421	0.997764	0.009642	-0.011823	0.008349	0.105642	0.009669
-0.2000	-0.1000	0.957531	0.010511	0.965058	0.010369	-0.121716	0.013353	-0.054035	0.006051
-0.1500	-0.1000	0.953207	0.009127	0.967712	0.010318	-0.144676	0.015318	-0.045844	0.006462
-0.1000	-0.1000	0.966240	0.007615	0.978271	0.010933	-0.186977	0.011689	-0.029640	0.007465
-0.0500	-0.1000	0.974337	0.007484	0.989204	0.009396	-0.190236	0.011596	0.023863	0.008104
0.0000	-0.1000	0.981070	0.008210	0.996968	0.009839	-0.178234	0.013172	0.085725	0.006971
0.0500	-0.1000	0.976612	0.007116	0.982756	0.009798	-0.124342	0.016633	0.137253	0.006947
0.1000	-0.1000	0.982629	0.007904	0.992539	0.008534	-0.066113	0.011648	0.138323	0.008597
0.1500	-0.1000	0.985105	0.006967	0.990595	0.007879	-0.044557	0.011668	0.121421	0.011143
0.2000	-0.1000	0.988429	0.006466	0.996323	0.009250	-0.028897	0.007439	0.108948	0.008630
-0.2000	-0.1500	0.964357	0.009517	0.966507	0.010224	-0.111175	0.011519	-0.034478	0.006432
-0.1500	-0.1500	0.965396	0.008618	0.979658	0.010053	-0.137250	0.007430	-0.020583	0.006328
-0.1000	-0.1500	0.970335	0.008180	0.986698	0.009715	-0.141603	0.015002	-0.003497	0.006836
-0.0500	-0.1500	0.974877	0.008777	0.984584	0.010629	-0.134923	0.008347	0.029942	0.006638
0.0000	-0.1500	0.985537	0.008638	0.989845	0.009568	-0.129731	0.009570	0.063772	0.008037
0.0500	-0.1500	0.988054	0.008772	0.989553	0.010123	-0.100616	0.009643	0.095538	0.006986
0.1000	-0.1500	0.988292	0.008239	0.994051	0.010332	-0.072559	0.007927	0.105269	0.011513
0.1500	-0.1500	0.983141	0.008027	0.995564	0.010211	-0.053389	0.006794	0.094980	0.011656
0.2000	-0.1500	0.993839	0.007773	0.997931	0.007870	-0.036902	0.010352	0.083920	0.010788

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.1000	0.993696	0.009103	0.978273	0.007240	0.200526	0.010745	-0.119999	0.007076
-0.0750	0.1000	0.989917	0.009293	0.984422	0.006722	0.239381	0.015574	-0.086188	0.007382
-0.0500	0.1000	0.983485	0.006817	0.979431	0.007303	0.244966	0.011490	-0.035105	0.011979
-0.0250	0.1000	0.988017	0.011485	0.981098	0.007743	0.246649	0.011118	0.022344	0.008137
0.0000	0.1000	0.987475	0.010129	0.979341	0.007447	0.245344	0.010591	0.085739	0.012183
0.0250	0.1000	0.990300	0.008721	0.982846	0.007225	0.203384	0.013388	0.115001	0.010232
0.0500	0.1000	0.986723	0.007292	0.979925	0.006350	0.178522	0.014281	0.140957	0.015900
0.0750	0.1000	0.983005	0.009262	0.989136	0.006148	0.140475	0.007465	0.139775	0.011504
0.1000	0.1000	0.986877	0.007333	0.984377	0.008350	0.114028	0.007417	0.123654	0.008781
-0.1000	0.0750	0.987267	0.007927	0.972943	0.007378	0.222606	0.018319	-0.165412	0.010266
-0.0750	0.0750	0.980611	0.008989	0.975476	0.007560	0.252052	0.009507	-0.133717	0.011550
-0.0500	0.0750	0.983532	0.009072	0.972857	0.006932	0.304874	0.017437	-0.053502	0.016355
-0.0250	0.0750	0.994282	0.009274	0.978058	0.008117	0.291309	0.013609	0.045878	0.016319
0.0000	0.0750	0.990828	0.009549	0.976942	0.008018	0.259894	0.019083	0.117661	0.014544
0.0250	0.0750	0.986151	0.009440	0.979398	0.007713	0.241432	0.013500	0.171097	0.021782
0.0500	0.0750	0.986206	0.009589	0.979264	0.008636	0.187389	0.010495	0.175647	0.014723
0.0750	0.0750	0.987979	0.009301	0.980803	0.007207	0.136534	0.005873	0.176399	0.015779
0.1000	0.0750	0.989448	0.008992	0.983366	0.007338	0.116594	0.006777	0.175939	0.010756
-0.1000	0.0500	0.990844	0.010503	0.973568	0.008961	0.241604	0.013089	-0.237242	0.010461
-0.0750	0.0500	0.979895	0.009664	0.968711	0.009067	0.320085	0.013142	-0.222672	0.022066
-0.0500	0.0500	0.987327	0.010111	0.971693	0.007044	0.366377	0.028646	-0.086346	0.029458
-0.0250	0.0500	0.988334	0.013686	0.973067	0.008746	0.420724	0.018784	0.099942	0.021185
0.0000	0.0500	0.981988	0.010176	0.973175	0.008086	0.333661	0.014466	0.246974	0.025065
0.0250	0.0500	0.978393	0.008570	0.968724	0.006891	0.255410	0.008381	0.259519	0.029756
0.0500	0.0500	0.977167	0.010310	0.975192	0.006488	0.182273	0.007023	0.224909	0.014746
0.0750	0.0500	0.978492	0.009281	0.979081	0.006488	0.138452	0.006864	0.208848	0.015035
0.1000	0.0500	0.988322	0.009074	0.976833	0.007685	0.102551	0.006836	0.169088	0.011710
-0.1000	0.0250	0.976430	0.009123	0.961559	0.009736	0.249611	0.019329	-0.323181	0.020159
-0.0750	0.0250	0.974526	0.019670	0.964149	0.018196	0.405289	0.027966	-0.370537	0.049464
-0.0500	0.0250	0.961579	0.050639	0.970764	0.029956	0.468261	0.020912	-0.120374	0.051830
-0.0250	0.0250	0.986056	0.076151	0.973581	0.024844	0.473608	0.018272	0.092473	0.061643
0.0000	0.0250	0.919376	0.077186	0.936172	0.026646	0.423859	0.024573	0.306758	0.043744
0.0250	0.0250	0.957311	0.012261	0.956694	0.006855	0.260887	0.009469	0.373199	0.016901
0.0500	0.0250	0.966228	0.010695	0.976708	0.007305	0.156063	0.007146	0.292509	0.017790
0.0750	0.0250	0.975603	0.010426	0.971588	0.008233	0.105367	0.007351	0.232036	0.016417
0.1000	0.0250	0.981478	0.008666	0.977800	0.007035	0.077661	0.007571	0.207541	0.012798
-0.1000	-0.0000	0.984557	0.009023	0.968908	0.012723	0.112214	0.021589	-0.299168	0.017959

37

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

D

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0750	-0.0000	0.972757	0.029763	0.957024	0.050387	0.228417	0.059994	-0.460950	0.051287
-0.0500	-0.0000	1.049370	0.071424	1.070029	0.052948	0.161763	0.042477	-0.219480	0.067269
-0.0250	-0.0000	1.097059	0.044851	1.104199	0.047482	0.233914	0.055754	0.125681	0.094312
0.0000	-0.0000	1.000990	0.057541	1.019170	0.056701	0.127711	0.072650	0.234913	0.039601
0.0250	-0.0000	0.831028	0.077518	0.944336	0.022361	0.161098	0.019424	0.372494	0.033113
0.0500	-0.0000	0.960901	0.007808	0.958913	0.006789	0.077910	0.011495	0.355840	0.017534
0.0750	-0.0000	0.971525	0.007852	0.975237	0.007449	0.048248	0.011493	0.251794	0.015039
0.1000	-0.0000	0.977506	0.009649	0.981459	0.008575	0.042011	0.009624	0.212793	0.008918
-0.1000	-0.0250	0.972874	0.010396	0.968087	0.009550	-0.037070	0.021383	-0.246993	0.018571
-0.0750	-0.0250	0.982966	0.010684	0.983515	0.026497	-0.195056	0.066799	-0.289945	0.024034
-0.0500	-0.0250	0.982198	0.031835	0.964028	0.057895	-0.181812	0.119603	-0.209537	0.059504
-0.0250	-0.0250	0.920315	0.055274	0.942879	0.043996	-0.437916	0.081621	0.158768	0.056416
0.0000	-0.0250	0.945029	0.035012	0.992531	0.038379	-0.191953	0.060533	0.218089	0.036313
0.0250	-0.0250	0.855388	0.077404	0.917746	0.049856	-0.040811	0.043099	0.415279	0.028959
0.0500	-0.0250	0.961947	0.008418	0.963674	0.008831	-0.029959	0.016349	0.306891	0.018880
0.0750	-0.0250	0.968197	0.008370	0.977719	0.008391	-0.008633	0.011583	0.238383	0.015912
0.1000	-0.0250	0.980771	0.008808	0.983303	0.007300	0.001336	0.012584	0.201021	0.011744
-0.1000	-0.0500	0.798131	0.068294	0.888496	0.073412	-0.122371	0.023743	-0.021661	0.133783
-0.0750	-0.0500	0.853932	0.070257	0.938809	0.042683	-0.272927	0.024289	-0.120760	0.103045
-0.0500	-0.0500	0.336487	0.071397	0.873619	0.079910	-0.470180	0.037275	0.136190	0.123091
-0.0250	-0.0500	0.851265	0.064394	0.879500	0.070286	-0.572510	0.040768	0.170039	0.093581
0.0000	-0.0500	0.951667	0.058183	0.843405	0.094623	-0.430867	0.075061	0.087218	0.057263
0.0250	-0.0500	0.954427	0.011081	0.968054	0.012492	-0.258649	0.023178	0.233206	0.009552
0.0500	-0.0500	0.965372	0.008540	0.973126	0.008830	-0.126254	0.015431	0.242066	0.009123
0.0750	-0.0500	0.977193	0.009402	0.982408	0.009168	-0.058324	0.015273	0.202535	0.009765
0.1000	-0.0500	0.975637	0.007271	0.984451	0.007596	-0.035315	0.010823	0.180362	0.008410

38

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.1000	0.993696	0.009103	0.980712	0.007071	0.209190	0.016900	-0.119999	0.007076
-0.0750	0.1000	0.989917	0.009293	0.979736	0.007876	0.231094	0.011020	-0.086188	0.007382
-0.0500	0.1000	0.983485	0.006817	0.977248	0.006694	0.237934	0.012562	-0.035105	0.011979
-0.0250	0.1000	0.988017	0.011485	0.985468	0.008179	0.258754	0.015103	0.022344	0.008137
0.0000	0.1000	0.987475	0.010129	0.979490	0.006070	0.224479	0.010941	0.085739	0.012183
0.0250	0.1000	0.990300	0.008721	0.982891	0.007549	0.190991	0.010548	0.115001	0.010232
0.0500	0.1000	0.986723	0.007292	0.983666	0.007465	0.175685	0.005260	0.140957	0.015900
0.0750	0.1000	0.983005	0.009262	0.984279	0.005823	0.142596	0.013029	0.139775	0.011504
0.1000	0.1000	0.986877	0.007333	0.989268	0.008206	0.116549	0.006936	0.123654	0.008781
-0.1000	0.0750	0.987267	0.007927	0.977061	0.007656	0.234431	0.021942	-0.165412	0.010266
-0.0750	0.0750	0.980611	0.008969	0.978342	0.007780	0.262688	0.013748	-0.133717	0.011550
-0.0500	0.0750	0.983532	0.009072	0.976109	0.006779	0.317712	0.013276	-0.053502	0.016355
-0.0250	0.0750	0.994282	0.009274	0.980262	0.007833	0.303570	0.020112	0.045878	0.016319
0.0000	0.0750	0.990828	0.009549	0.973449	0.006401	0.282157	0.017623	0.117661	0.014544
0.0250	0.0750	0.986151	0.009440	0.976593	0.006387	0.224678	0.008436	0.171097	0.021782
0.0500	0.0750	0.986206	0.009589	0.981595	0.006816	0.177246	0.009491	0.175647	0.014723
0.0750	0.0750	0.987979	0.009301	0.981356	0.006345	0.144814	0.006963	0.176399	0.015779
0.1000	0.0750	0.989448	0.008992	0.976517	0.008111	0.111898	0.007672	0.175939	0.010756
-0.1000	0.0500	0.990844	0.010503	0.974759	0.008053	0.243140	0.015069	-0.237242	0.010461
-0.0750	0.0500	0.979695	0.009664	0.971716	0.009564	0.306201	0.023196	-0.222672	0.022066
-0.0500	0.0500	0.987327	0.010111	0.972799	0.009253	0.391292	0.015053	-0.086346	0.029458
-0.0250	0.0500	0.988334	0.013686	0.976051	0.009040	0.379335	0.022891	0.099942	0.021185
0.0000	0.0500	0.981988	0.010176	0.988384	0.007410	0.313470	0.017912	0.246974	0.025065
0.0250	0.0500	0.978593	0.008570	0.971718	0.009914	0.223545	0.011927	0.259519	0.029756
0.0500	0.0500	0.977187	0.010310	0.974694	0.008505	0.173355	0.007675	0.224909	0.014746
0.0750	0.0500	0.978492	0.009281	0.981091	0.008547	0.127353	0.008660	0.208646	0.015035
0.1000	0.0500	0.986322	0.009074	0.984372	0.007366	0.105501	0.006769	0.169088	0.011710
-0.1000	0.0250	0.976430	0.009123	0.966643	0.010848	0.228643	0.011346	-0.323181	0.020159
-0.0750	0.0250	0.974526	0.019670	0.964563	0.022226	0.367089	0.021970	-0.370537	0.049464
-0.0500	0.0250	0.961579	0.006639	0.966429	0.036953	0.476966	0.025268	-0.120374	0.051830
-0.0250	0.0250	0.986056	0.076151	0.967919	0.033821	0.475136	0.025675	0.092473	0.061643
0.0000	0.0250	0.919376	0.077186	0.948460	0.017777	0.401181	0.021512	0.306758	0.043744
0.0250	0.0250	0.957311	0.012261	0.965535	0.008468	0.245255	0.011311	0.373199	0.016901
0.0500	0.0250	0.966228	0.010695	0.967710	0.006260	0.156419	0.007077	0.292509	0.017790
0.0750	0.0250	0.975603	0.010426	0.974469	0.007562	0.104009	0.007466	0.232036	0.016417
0.1000	0.0250	0.981476	0.008666	0.981949	0.009181	0.032446	0.006987	0.207541	0.012798
-0.1000	-0.0000	0.984557	0.009023	0.971816	0.013743	0.141749	0.021798	-0.299168	0.017959

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0750	-0.0000	0.972757	0.029763	0.963904	0.060987	0.262163	0.078311	-0.460950	0.051287
-0.0500	-0.0000	1.049370	0.071424	1.120979	0.044090	0.209485	0.057179	-0.219480	0.067269
-0.0250	-0.0000	1.097039	0.044851	1.102909	0.051188	0.221643	0.047031	0.125681	0.094312
0.0000	-0.0000	1.000990	0.057541	1.014790	0.072882	0.103138	0.076695	0.234913	0.039601
0.0250	-0.0000	0.831028	0.077518	0.953222	0.016110	0.166396	0.017537	0.372494	0.033113
0.0500	-0.0000	0.960901	0.007808	0.964450	0.009079	0.077835	0.013482	0.355840	0.017534
0.0750	-0.0000	0.971525	0.007852	0.978671	0.008308	0.047966	0.010241	0.251794	0.015039
0.1000	-0.0000	0.977506	0.009649	0.983070	0.008485	0.041392	0.007716	0.212793	0.008918
-0.1000	-0.0250	0.972874	0.010396	0.979002	0.010148	-0.037012	0.023534	-0.246993	0.018571
-0.0750	-0.0250	0.982966	0.010684	0.977398	0.030318	-0.229858	0.049972	-0.289945	0.024034
-0.0500	-0.0250	0.982198	0.031835	0.945507	0.061220	-0.228419	0.124494	-0.209537	0.059504
-0.0250	-0.0250	0.920315	0.055274	0.937670	0.042640	-0.368956	0.109216	0.158768	0.056416
0.0000	-0.0250	0.945029	0.035012	1.008849	0.038979	-0.168856	0.060534	0.218089	0.036313
0.0250	-0.0250	0.855388	0.077404	0.955606	0.021862	-0.051460	0.028892	0.415279	0.028959
0.0500	-0.0250	0.961947	0.008418	0.973292	0.009000	-0.020220	0.013138	0.306891	0.018880
0.0750	-0.0250	0.968197	0.008370	0.986882	0.008981	0.001881	0.011672	0.238383	0.015912
0.1000	-0.0250	0.980771	0.008808	0.985866	0.008595	0.002049	0.010482	0.201021	0.011744
-0.1000	-0.0500	0.796131	0.068294	0.918024	0.058584	-0.140695	0.027329	-0.021661	0.133783
-0.0750	-0.0500	0.853932	0.070257	0.927235	0.056509	-0.295368	0.029189	-0.120780	0.103045
-0.0500	-0.0500	0.836487	0.071397	0.891565	0.089233	-0.527987	0.028437	0.136190	0.123091
-0.0250	-0.0500	0.851205	0.064394	0.859214	0.085380	-0.573757	0.053098	0.170039	0.093581
0.0000	-0.0500	0.951667	0.058183	0.883615	0.097747	-0.423044	0.067927	0.087218	0.057265
0.0250	-0.0500	0.954427	0.011081	0.969299	0.012067	-0.244421	0.027855	0.233206	0.009552
0.0500	-0.0500	0.965372	0.008540	0.974610	0.009013	-0.096499	0.027325	0.242066	0.009123
0.0750	-0.0500	0.977193	0.009402	0.980550	0.009648	-0.058551	0.017801	0.202535	0.009765
0.1000	-0.0500	0.975037	0.007271	0.980673	0.009577	-0.027826	0.010442	0.180362	0.008410
-0.1000	-0.0750	0.961400	0.009369	0.971884	0.012451	-0.194645	0.012501	-0.043062	0.007896
-0.0750	-0.0750	0.966926	0.008865	0.981901	0.008672	-0.229643	0.011808	-0.026991	0.010097
-0.0500	-0.0750	0.976017	0.009765	0.994164	0.011624	-0.238898	0.013203	0.006830	0.008759
-0.0250	-0.0750	0.983626	0.010133	1.007839	0.009192	-0.239850	0.014489	0.050602	0.008376
0.0000	-0.0750	0.985579	0.010217	0.998626	0.008057	-0.227737	0.017387	0.094481	0.007606
0.0250	-0.0750	0.979265	0.005698	0.984188	0.008562	-0.187839	0.014563	0.152973	0.007091
0.0500	-0.0750	0.974708	0.008486	0.990756	0.009895	-0.139556	0.014334	0.178556	0.007054
0.0750	-0.0750	0.978291	0.008275	0.983517	0.009644	-0.087944	0.012658	0.173057	0.006122
0.1000	-0.0750	0.982523	0.008114	0.984727	0.009075	-0.059223	0.010325	0.159394	0.008402
-0.1000	-0.1000	0.966340	0.009096	0.980609	0.010259	-0.170184	0.012910	-0.027096	0.007224
-0.0750	-0.1000	0.970428	0.008461	0.983017	0.008552	-0.188575	0.012530	-0.009866	0.006335
-0.0500	-0.1000	0.976498	0.008821	0.990150	0.008149	-0.193790	0.012151	0.019588	0.008630

D

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0250	-0.1000	0.980115	0.009050	0.997722	0.009912	-0.190294	0.012417	0.053448	0.007185
0.0000	-0.1000	0.979028	0.008993	0.994334	0.007974	-0.183590	0.010835	0.085542	0.006867
0.0250	-0.1000	0.985776	0.009460	0.995545	0.008224	-0.159170	0.011944	0.121029	0.009508
0.0500	-0.1000	0.975062	0.008518	0.980199	0.008120	-0.125133	0.010376	0.140516	0.009072
0.0750	-0.1000	0.981583	0.009333	0.992883	0.009222	-0.089189	0.010004	0.134092	0.008794
0.1000	-0.1000	0.981661	0.008192	0.987701	0.009218	-0.062333	0.011450	0.134970	0.009922

41

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0050	0.3000	1.003400	0.009659	0.999224	0.006370	0.105677	0.009372	0.004148	0.008741
0.0050	0.3000	1.006320	0.007910	1.000879	0.007757	0.093759	0.009321	0.005341	0.011095
-0.0050	0.2800	0.999544	0.007574	0.996252	0.008566	0.099843	0.010137	0.005678	0.007451
0.0050	0.2800	0.996303	0.006978	0.998734	0.006131	0.109263	0.008404	0.011048	0.009306
-0.0050	0.2600	1.002720	0.006985	0.999377	0.008346	0.118552	0.008929	0.007271	0.008281
0.0050	0.2600	0.996685	0.005834	0.996750	0.008131	0.121381	0.005743	0.011533	0.009677
-0.0050	0.2400	1.002290	0.008263	0.995186	0.007036	0.119211	0.016029	0.008435	0.008845
0.0050	0.2400	1.002000	0.008600	0.997078	0.007782	0.117053	0.009151	0.021702	0.009844
-0.0050	0.2200	0.992586	0.008258	0.994151	0.007300	0.120540	0.008890	0.019670	0.011897
0.0050	0.2200	0.993397	0.008609	0.991902	0.007537	0.135508	0.010621	0.018698	0.008303
-0.0050	0.2000	0.996715	0.008222	0.988851	0.008096	0.147824	0.009739	0.009588	0.007180
0.0050	0.2000	0.995820	0.008066	0.992711	0.009065	0.140293	0.007663	0.026279	0.010607
-0.0050	0.1800	0.995618	0.008273	0.986179	0.008209	0.161315	0.009743	0.021209	0.010968
0.0050	0.1800	0.993647	0.007895	0.990964	0.007352	0.148129	0.007003	0.034590	0.009014
-0.0050	0.1600	0.995302	0.007259	0.989442	0.007487	0.174134	0.011392	0.022501	0.010153
0.0050	0.1600	0.997954	0.008605	0.990552	0.008920	0.166756	0.007723	0.035596	0.008879
-0.0050	0.1400	0.990822	0.007457	0.982782	0.007532	0.188878	0.011187	0.042338	0.007896
0.0050	0.1400	0.991294	0.007583	0.988868	0.008011	0.176827	0.007781	0.041562	0.009297
-0.0050	0.1200	0.985024	0.010518	0.984715	0.007800	0.202085	0.009402	0.044553	0.010063
0.0050	0.1200	0.993597	0.008754	0.985338	0.007397	0.198385	0.008044	0.060430	0.011352
-0.0050	0.1000	0.988605	0.007761	0.975759	0.007005	0.247909	0.009296	0.076212	0.013268
0.0050	0.1000	0.984736	0.008257	0.982070	0.007268	0.212107	0.010421	0.101024	0.012761
-0.0050	0.0800	0.982400	0.008589	0.980791	0.007653	0.263638	0.014529	0.116050	0.015249
0.0050	0.0800	0.987756	0.010487	0.981696	0.009363	0.249965	0.013650	0.134064	0.010200
-0.0050	0.0600	0.987960	0.010384	0.974268	0.009849	0.315681	0.013665	0.164338	0.024949
0.0050	0.0600	0.982341	0.009798	0.973401	0.009276	0.268725	0.017654	0.200240	0.023831
-0.0050	0.0400	0.979943	0.012530	0.967271	0.008474	0.368058	0.021633	0.245559	0.027916
0.0050	0.0400	0.975694	0.010516	0.960872	0.010156	0.353413	0.017467	0.314629	0.021945
-0.0050	0.0200	0.950468	0.069455	0.929938	0.051522	0.430136	0.041420	0.262798	0.066381
0.0050	0.0200	0.891242	0.072073	0.920814	0.040867	0.397402	0.023331	0.369817	0.040200
-0.0050	-0.0000	1.052190	0.054562	1.038750	0.048570	0.069609	0.050423	0.316608	0.052798
0.0050	-0.0000	1.010880	0.059473	0.909765	0.064302	0.137219	0.091512	0.319603	0.058598
-0.0050	-0.0200	0.922471	0.045105	0.998436	0.045183	-0.124797	0.051712	0.297709	0.038913
0.0050	-0.0200	0.985212	0.045979	0.994835	0.056546	-0.051974	0.068496	0.234607	0.045420
-0.0050	-0.0400	0.898444	0.031762	0.964144	0.035133	-0.415101	0.041526	0.083311	0.047956
0.0050	-0.0400	0.902411	0.048010	0.911779	0.067385	-0.254600	0.077094	0.097358	0.052251
-0.0050	-0.0600	0.991624	0.013023	1.003690	0.016531	-0.241129	0.055457	0.073847	0.010861

E

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

	Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
	0.0050	-0.0600	0.990961	0.014719	0.995765	0.022435	-0.268881	0.036068	0.115202	0.011111
	-0.0050	-0.0800	0.986225	0.009613	1.002419	0.009212	-0.217151	0.014337	0.089661	0.010566
	0.0050	-0.0800	0.981342	0.008252	1.000070	0.007663	-0.214888	0.011480	0.105028	0.007047
	-0.0050	-0.1000	0.986028	0.009693	0.994633	0.008610	-0.186650	0.014424	0.081280	0.007715
	0.0050	-0.1000	0.982641	0.009891	0.984674	0.007758	-0.183843	0.012903	0.097760	0.007467
	-0.0050	-0.1200	0.981056	0.009239	0.992047	0.008374	-0.150690	0.010956	0.075624	0.008000
	0.0050	-0.1200	0.971562	0.011501	0.989119	0.006725	-0.164060	0.010864	0.076965	0.005885
	-0.0050	-0.1400	0.977664	0.008718	0.992203	0.008162	-0.151308	0.009897	0.065863	0.007681
	0.0050	-0.1400	0.979344	0.008694	0.994864	0.008364	-0.136203	0.014357	0.073674	0.007473
	-0.0050	-0.1600	0.976922	0.009651	0.994008	0.009498	-0.124071	0.009249	0.053844	0.007170
	0.0050	-0.1600	0.975387	0.008929	0.987580	0.008332	-0.125651	0.010039	0.065359	0.007529
	-0.0050	-0.1800	0.978140	0.009349	0.993465	0.009019	-0.115429	0.008073	0.053580	0.008474
	0.0050	-0.1800	0.978388	0.008865	0.989900	0.008440	-0.109654	0.008709	0.058007	0.008438
	-0.0050	-0.2000	0.977983	0.008818	0.988635	0.009522	-0.116364	0.010532	0.046919	0.009799
	0.0050	-0.2000	0.985437	0.010562	0.993562	0.011088	-0.115830	0.010471	0.055623	0.007805
	-0.0050	-0.2200	0.983929	0.008597	0.989823	0.009051	-0.105939	0.010807	0.042691	0.010082
	0.0050	-0.2200	0.982849	0.008814	0.986638	0.007745	-0.095734	0.006311	0.047087	0.009303
	-0.0050	-0.2400	0.984672	0.009832	0.989934	0.009433	-0.093268	0.009985	0.042620	0.010203
	0.0050	-0.2400	0.978636	0.007601	0.992798	0.009534	-0.087101	0.007265	0.042350	0.006639
	-0.0050	-0.2600	0.978870	0.007700	0.986890	0.009714	-0.087523	0.015677	0.038821	0.010867
	0.0050	-0.2600	0.982119	0.008699	0.986880	0.008279	-0.096605	0.011944	0.036356	0.008043
	-0.0050	-0.2800	0.979578	0.007313	0.987093	0.007962	-0.079633	0.008937	0.033336	0.009749
	0.0050	-0.2800	0.984790	0.008277	0.986799	0.008304	-0.081595	0.011105	0.036300	0.009376
	-0.0050	-0.3000	0.984122	0.008338	0.987685	0.008439	-0.075584	0.008870	0.032127	0.007374
	0.0050	-0.3000	0.985026	0.008451	0.990695	0.009062	-0.071601	0.009954	0.036523	0.008717

H3

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

E

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0267	0.2000	0.991990	0.006231	0.991007	0.008337	0.143069	0.011202	0.006808	0.007931
-0.0217	0.2000	0.996144	0.008540	0.990889	0.009483	0.145399	0.008946	0.008019	0.008980
-0.0267	0.1867	0.994952	0.009332	0.984885	0.006952	0.145019	0.011484	0.002094	0.007943
-0.0217	0.1867	1.002219	0.007983	0.990088	0.008933	0.153099	0.008257	0.006227	0.008535
-0.0267	0.1733	1.000270	0.006486	0.989577	0.007873	0.157542	0.011817	0.002707	0.013524
-0.0217	0.1733	0.995489	0.008191	0.989021	0.009237	0.153904	0.014241	0.007958	0.008899
-0.0267	0.1600	0.991546	0.009886	0.990306	0.008387	0.176347	0.011048	0.006746	0.009332
-0.0217	0.1600	0.992487	0.007025	0.987015	0.008397	0.162112	0.008883	0.011493	0.007912
-0.0267	0.1467	0.993274	0.006373	0.982756	0.006257	0.183790	0.009041	0.006598	0.009373
-0.0217	0.1467	0.999418	0.009506	0.991570	0.007935	0.186982	0.007520	0.012535	0.008452
-0.0267	0.1333	0.991650	0.007813	0.981274	0.008100	0.202637	0.011706	0.012643	0.008216
-0.0217	0.1333	0.995442	0.008782	0.979564	0.008438	0.190609	0.014314	0.015313	0.009451
-0.0267	0.1200	0.991588	0.009736	0.982133	0.008626	0.210980	0.014435	0.007210	0.009566
-0.0217	0.1200	0.990977	0.008705	0.985509	0.008918	0.209749	0.011921	0.021710	0.009993
-0.0267	0.1067	0.989482	0.008000	0.977656	0.006382	0.234274	0.014607	0.012178	0.009924
-0.0217	0.1067	0.987442	0.008142	0.980634	0.008535	0.229020	0.012736	0.030221	0.012671
-0.0267	0.0933	0.991103	0.008457	0.983511	0.007807	0.258429	0.019481	0.015899	0.011620
-0.0217	0.0933	0.986514	0.006840	0.978790	0.007052	0.234878	0.012484	0.039705	0.012042
-0.0267	0.0800	0.982133	0.007404	0.974820	0.009111	0.284732	0.010031	0.030700	0.012094
-0.0217	0.0800	0.987357	0.007963	0.974477	0.008896	0.270857	0.021340	0.057930	0.013616
-0.0267	0.0667	0.981143	0.006920	0.977096	0.009794	0.318504	0.021481	0.041937	0.016174
-0.0217	0.0667	0.988709	0.009314	0.971337	0.007198	0.294971	0.019479	0.068783	0.016051
-0.0267	0.0533	0.993667	0.009614	0.973064	0.009214	0.388998	0.021915	0.050540	0.021772
-0.0217	0.0533	0.990908	0.010776	0.974008	0.009428	0.374784	0.018636	0.091661	0.023075
-0.0267	0.0400	0.989797	0.024822	0.974365	0.009011	0.396062	0.025282	0.078312	0.034421
-0.0217	0.0400	0.997305	0.020567	0.972309	0.008545	0.418040	0.020227	0.126952	0.033262
-0.0267	0.0267	1.022829	0.069431	0.957822	0.029028	0.490272	0.021543	0.069662	0.076856
-0.0217	0.0267	0.968171	0.056357	0.959976	0.035049	0.480391	0.023352	0.124271	0.075065
-0.0267	0.0133	1.132150	0.046082	1.071420	0.079025	0.380727	0.058035	0.117480	0.071351
-0.0217	0.0133	1.136230	0.042781	1.011029	0.091673	0.342822	0.085849	0.124883	0.083192
-0.0267	0.0000	1.118999	0.041426	1.125990	0.040437	0.232920	0.045401	0.039522	0.066498
-0.0217	0.0000	1.116179	0.038770	1.093180	0.057790	0.220736	0.048201	0.158602	0.081654
-0.0267	-0.0133	0.940250	0.063206	0.931207	0.052430	0.267126	0.066948	0.103673	0.135159
-0.0217	-0.0133	0.959422	0.060034	0.970965	0.071076	0.192415	0.065789	0.204057	0.110258
-0.0267	-0.0267	0.940407	0.044934	0.929305	0.043689	-0.477737	0.084211	0.067861	0.064943
-0.0217	-0.0267	0.933188	0.051580	0.922955	0.037839	-0.392040	0.089425	0.120952	0.059909
-0.0267	-0.0400	0.922536	0.039898	0.934717	0.031710	-0.527908	0.050801	0.067627	0.062411

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0217	-0.0400	0.897111	0.043151	0.928454	0.036485	-0.489256	0.041177	0.076775	0.053601
-0.0267	-0.0533	0.946772	0.075102	0.945400	0.087367	-0.535918	0.087649	0.095587	0.066311
-0.0217	-0.0533	0.941567	0.067167	0.961956	0.064552	-0.530777	0.074525	0.092730	0.052450
-0.0267	-0.0667	0.993427	0.007508	1.009649	0.009188	-0.251649	0.023460	0.052626	0.009523
-0.0217	-0.0667	0.995328	0.009425	1.011769	0.011846	-0.240322	0.030801	0.059910	0.009869
-0.0267	-0.0800	0.986228	0.006952	1.006760	0.007989	-0.231294	0.013434	0.049475	0.010292
-0.0217	-0.0800	0.986855	0.006909	1.001880	0.007842	-0.225390	0.014961	0.058057	0.008234
-0.0267	-0.0933	0.987375	0.007430	0.998940	0.008114	-0.208099	0.015467	0.048489	0.009210
-0.0217	-0.0933	0.985183	0.007491	1.003489	0.008408	-0.201036	0.012921	0.058250	0.006825
-0.0267	-0.1067	0.977902	0.007060	0.994752	0.008408	-0.189148	0.015619	0.052780	0.007411
-0.0217	-0.1067	0.981523	0.007517	0.989903	0.006378	-0.182541	0.011519	0.059192	0.008797
-0.0267	-0.1200	0.980444	0.005515	0.986581	0.008039	-0.162798	0.011503	0.046846	0.007483
-0.0217	-0.1200	0.980389	0.006787	0.987492	0.007972	-0.178639	0.017351	0.054581	0.007318
-0.0267	-0.1333	0.980020	0.007253	0.986635	0.008547	-0.156867	0.009940	0.050359	0.008293
-0.0217	-0.1333	0.975368	0.006959	0.986035	0.008030	-0.144235	0.010530	0.050972	0.008837
-0.0267	-0.1467	0.977214	0.006743	0.989469	0.008474	-0.140435	0.011186	0.047367	0.007837
-0.0217	-0.1467	0.981151	0.006472	0.991370	0.009840	-0.141752	0.008950	0.045362	0.006959
-0.0267	-0.1600	0.982015	0.006956	0.984152	0.007495	-0.128275	0.010490	0.044552	0.007201
-0.0217	-0.1600	0.980374	0.006947	0.987324	0.007326	-0.128366	0.009215	0.049398	0.008790

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

E

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0450	-0.3000	0.984992	0.005762	0.988058	0.008374	-0.091677	0.008180	0.020539	0.009962
-0.0400	-0.3000	0.984146	0.005622	0.983997	0.010215	-0.076984	0.012696	0.020207	0.009951
-0.0450	-0.2600	0.989735	0.005005	0.981269	0.009081	-0.082304	0.010722	0.020345	0.007149
-0.0400	-0.2600	0.987032	0.006010	0.988383	0.010476	-0.082866	0.012769	0.020124	0.006701
-0.0450	-0.2200	0.984953	0.004953	0.983111	0.008643	-0.110022	0.007940	0.027494	0.010474
-0.0400	-0.2200	0.988317	0.005858	0.979485	0.008613	-0.105281	0.012807	0.023402	0.011512
-0.0450	-0.1800	0.991119	0.006716	0.986632	0.008451	-0.125685	0.007923	0.023362	0.006951
-0.0400	-0.1800	0.986081	0.004725	0.984932	0.008696	-0.123849	0.007889	0.025112	0.006853
-0.0450	-0.1400	0.980471	0.006240	0.983432	0.009006	-0.156289	0.008993	0.018547	0.007561
-0.0400	-0.1400	0.987258	0.005421	0.986018	0.008377	-0.158350	0.016124	0.025702	0.006753
-0.0450	-0.1000	0.984893	0.006223	0.991119	0.008212	-0.205348	0.013053	0.007760	0.007511
-0.0400	-0.1000	0.988767	0.005416	0.992528	0.006886	-0.198942	0.013010	0.012113	0.007061
-0.0450	-0.0600	0.979272	0.022674	0.996031	0.032539	-0.402272	0.100044	-0.018132	0.022880
-0.0400	-0.0600	0.986384	0.023602	0.999538	0.044307	-0.306937	0.092048	-0.014170	0.029751
-0.0450	-0.0200	1.009489	0.025161	0.989467	0.070475	0.051353	0.129576	-0.328483	0.041690
-0.0400	-0.0200	0.997623	0.033362	0.978820	0.063027	0.094399	0.142936	-0.274847	0.052909
-0.0450	0.0200	0.969626	0.044935	0.972892	0.063200	0.448195	0.046787	-0.337684	0.084944
-0.0400	0.0200	0.993273	0.072758	0.979240	0.059891	0.440343	0.061389	-0.182759	0.053634
-0.0450	0.0600	0.994418	0.008261	0.977538	0.010584	0.353014	0.028122	-0.136786	0.014714
-0.0400	0.0600	0.996661	0.010102	0.974062	0.009353	0.345509	0.017472	-0.114294	0.021030
-0.0450	0.1000	1.006519	0.007777	0.982065	0.007477	0.253488	0.010341	-0.060614	0.009491
-0.0400	0.1000	1.000609	0.007886	0.981266	0.006853	0.242321	0.008499	-0.048670	0.010458
-0.0450	0.1400	1.005280	0.008577	0.985761	0.009176	0.187324	0.012762	-0.035024	0.007846
-0.0400	0.1400	1.006519	0.007828	0.987162	0.008019	0.200620	0.011275	-0.030558	0.007824
-0.0450	0.1800	1.009089	0.007489	0.992176	0.007946	0.150252	0.008305	-0.031015	0.008112
-0.0400	0.1800	1.011589	0.007900	0.991619	0.006671	0.159006	0.007803	-0.013371	0.007238
-0.0450	0.2200	1.007489	0.006709	0.992368	0.008382	0.138670	0.010203	-0.020163	0.007798
-0.0400	0.2200	1.010739	0.005322	0.993748	0.008533	0.137624	0.010569	-0.025387	0.010321
-0.0450	0.2600	1.017249	0.006841	0.998621	0.007469	0.119853	0.012141	-0.016520	0.008342
-0.0400	0.2600	1.022200	0.007245	0.997425	0.006388	0.115589	0.007758	-0.022980	0.008033
-0.0450	0.3000	1.015710	0.005777	0.996184	0.007143	0.099875	0.007516	-0.014110	0.007138
-0.0400	0.3000	1.019409	0.008490	0.997566	0.007397	0.103711	0.009329	-0.012927	0.007903

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0500	-0.2800	0.988362	0.005521	0.983764	0.007007	-0.086851	0.008674	0.020906	0.008100
-0.0550	-0.2800	0.987618	0.005543	0.983023	0.008441	-0.093350	0.009052	0.011178	0.009790
-0.0500	-0.2400	0.985929	0.005267	0.979217	0.008172	-0.092525	0.008361	0.021783	0.010578
-0.0550	-0.2400	0.987372	0.005391	0.981109	0.008586	-0.107582	0.008158	0.016048	0.010194
-0.0500	-0.2000	0.992792	0.006907	0.985617	0.008568	-0.116414	0.008576	0.019448	0.008643
-0.0550	-0.2000	0.991106	0.004894	0.979879	0.008213	-0.114428	0.010055	0.016369	0.007720
-0.0500	-0.1600	0.983440	0.006170	0.982157	0.007470	-0.150625	0.012270	0.018128	0.007350
-0.0550	-0.1600	0.987937	0.005499	0.981665	0.009776	-0.137257	0.009809	0.009894	0.005749
-0.0500	-0.1200	0.980910	0.006147	0.985705	0.007892	-0.174401	0.008547	0.009562	0.007009
-0.0550	-0.1200	0.982652	0.006769	0.987305	0.010226	-0.165891	0.011253	0.006385	0.007674
-0.0500	-0.0800	0.983252	0.007846	0.997456	0.009361	-0.238723	0.014673	-0.007143	0.007680
-0.0550	-0.0800	0.979864	0.006309	0.989175	0.008661	-0.230564	0.011433	-0.013139	0.006551
-0.0500	-0.0400	0.975094	0.015131	0.967978	0.029961	-0.505662	0.042904	-0.169101	0.027509
-0.0550	-0.0400	0.972481	0.016160	0.958795	0.032181	-0.450100	0.047560	-0.179354	0.018855
-0.0500	0.0000	0.975025	0.054319	1.112080	0.045687	0.226586	0.060534	-0.422902	0.087597
-0.0550	0.0000	0.982776	0.032737	1.086710	0.070127	0.206093	0.062701	-0.492315	0.048324
-0.0500	0.0400	0.988049	0.014494	0.975316	0.013108	0.435295	0.021538	-0.257430	0.037386
-0.0550	0.0400	0.987619	0.014571	0.973589	0.008739	0.427419	0.022662	-0.299126	0.035684
-0.0500	0.0800	0.997353	0.009585	0.973762	0.009584	0.279840	0.015901	-0.099439	0.012051
-0.0550	0.0800	1.007370	0.006956	0.975864	0.006447	0.274068	0.015183	-0.122833	0.012185
-0.0500	0.1200	1.002669	0.008434	0.979711	0.008726	0.216911	0.011113	-0.053998	0.007635
-0.0550	0.1200	1.004510	0.006500	0.978755	0.007897	0.212710	0.011931	-0.059815	0.007748
-0.0500	0.1600	1.011800	0.007996	0.987289	0.008160	0.163299	0.009637	-0.034467	0.008394
-0.0550	0.1600	1.007520	0.007126	0.992026	0.008507	0.164913	0.009400	-0.037023	0.006382
-0.0500	0.2000	1.012730	0.008124	0.992835	0.008247	0.143583	0.010398	-0.023549	0.007874
-0.0550	0.2000	1.011339	0.006577	0.993237	0.008314	0.137181	0.010260	-0.027819	0.009376
-0.0500	0.2400	1.014999	0.007065	0.995510	0.007145	0.120324	0.008445	-0.017611	0.007322
-0.0550	0.2400	1.014919	0.007242	0.998743	0.007095	0.130599	0.011481	-0.022020	0.008294
-0.0500	0.2800	1.018410	0.007520	0.997091	0.007533	0.107214	0.007619	-0.021060	0.007780
-0.0550	0.2800	1.019950	0.006762	1.001069	0.007179	0.110534	0.010404	-0.016851	0.007204

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2000	0.0050	0.978145	0.007804	0.968016	0.012119	0.096045	0.012124	-0.141869	0.008758
-0.1867	0.0050	0.977165	0.010934	0.962899	0.014667	0.096341	0.012785	-0.146475	0.015925
-0.1733	0.0050	0.971882	0.014836	0.970032	0.015797	0.107748	0.017556	-0.148889	0.016246
-0.1600	0.0050	0.976741	0.018551	0.972796	0.013562	0.104585	0.011780	-0.172735	0.026688
-0.1467	0.0050	0.971971	0.016589	0.965454	0.007924	0.110040	0.010233	-0.199197	0.015957
-0.1333	0.0050	0.969152	0.012065	0.968439	0.009172	0.107893	0.013493	-0.223520	0.013684
-0.1200	0.0050	0.973435	0.010369	0.961571	0.010138	0.133004	0.018505	-0.242845	0.019375
-0.1067	0.0050	0.975258	0.008449	0.966006	0.017155	0.155389	0.028500	-0.291503	0.023715
-0.0933	0.0050	0.982793	0.009173	0.961212	0.017695	0.178547	0.041589	-0.364677	0.031837
-0.0800	0.0050	0.982261	0.013380	0.916816	0.042273	0.312081	0.051885	-0.438028	0.050412
-0.0667	0.0050	0.959747	0.054404	0.975057	0.056230	0.280786	0.087926	-0.428493	0.070882
-0.0533	0.0050	1.021879	0.076379	1.042000	0.075133	0.272389	0.062679	-0.229317	0.072985
-0.0400	0.0050	1.102320	0.060582	1.117319	0.049071	0.251884	0.055617	-0.092652	0.077619
-0.0267	0.0050	1.122239	0.035774	1.120370	0.043909	0.227464	0.041191	0.084249	0.063980
-0.0133	0.0050	1.110880	0.045543	1.088449	0.045439	0.145469	0.073300	0.312705	0.060927
-0.0000	0.0050	1.069830	0.053231	0.928047	0.068036	0.291024	0.092713	0.280668	0.053418
0.0133	0.0050	0.890720	0.079759	0.902468	0.055761	0.274885	0.034346	0.338464	0.043848
0.0267	0.0050	0.902898	0.048766	0.953475	0.011833	0.176356	0.012685	0.469495	0.027655
0.0400	0.0050	0.946857	0.011370	0.967228	0.010381	0.125792	0.009533	0.417377	0.031827
0.0533	0.0050	0.963691	0.007169	0.969473	0.009264	0.096536	0.010686	0.312645	0.018922
0.0667	0.0050	0.967313	0.007485	0.973151	0.009030	0.076309	0.007431	0.277082	0.022695
0.0800	0.0050	0.972249	0.007631	0.973736	0.009585	0.058489	0.007978	0.235617	0.018325
0.0933	0.0050	0.973443	0.006579	0.981107	0.007983	0.057768	0.008563	0.223904	0.015869
0.1067	0.0050	0.974352	0.005748	0.983948	0.008327	0.045895	0.011017	0.190553	0.011401
0.1200	0.0050	0.979192	0.007689	0.989134	0.008351	0.044044	0.009390	0.178230	0.015575
0.1333	0.0050	0.983274	0.006137	0.985563	0.008670	0.035179	0.008761	0.170149	0.010224
0.1467	0.0050	0.980603	0.008334	0.989605	0.008902	0.030019	0.009168	0.152233	0.008491
0.1600	0.0050	0.988399	0.005778	0.987470	0.008589	0.031863	0.010728	0.138160	0.009080
0.1733	0.0050	0.985523	0.007087	0.994746	0.007236	0.032436	0.009064	0.137202	0.010031
0.1867	0.0050	0.997136	0.008414	0.994078	0.008207	0.032297	0.007482	0.126008	0.013097
0.2000	0.0050	0.993745	0.007269	0.993580	0.008449	0.026417	0.010139	0.112715	0.008848
-0.2000	-0.0050	0.967142	0.007586	0.968838	0.014091	0.094679	0.013277	-0.138674	0.006987
-0.1867	-0.0050	0.966627	0.011385	0.955851	0.022061	0.086776	0.016286	-0.140524	0.010262
-0.1733	-0.0050	0.964740	0.015524	0.959823	0.019191	0.090972	0.018682	-0.146039	0.017342
-0.1600	-0.0050	0.965856	0.020929	0.964273	0.015042	0.095131	0.014390	-0.169305	0.022793
-0.1467	-0.0050	0.962846	0.021811	0.963416	0.010342	0.085711	0.012244	-0.186587	0.019415
-0.1333	-0.0050	0.968349	0.019974	0.966814	0.008782	0.093002	0.012077	-0.199824	0.023110

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1200	-0.0050	0.975497	0.009825	0.975069	0.010373	0.080597	0.013023	-0.243921	0.014835
-0.1067	-0.0050	0.975992	0.008377	0.987986	0.012064	0.093657	0.019826	-0.275908	0.024729
-0.0933	-0.0050	0.976700	0.009006	0.964228	0.020152	0.104990	0.031327	-0.313970	0.023061
-0.0800	-0.0050	0.979982	0.016454	0.923317	0.050796	0.140385	0.073623	-0.409595	0.038670
-0.0667	-0.0050	0.979456	0.020142	1.012070	0.067449	0.166357	0.057652	-0.466022	0.044521
-0.0533	-0.0050	0.951051	0.058710	1.063399	0.052922	0.194575	0.053991	-0.253781	0.095593
-0.0400	-0.0050	0.964475	0.064430	1.106259	0.044621	0.246670	0.049247	-0.110826	0.052605
-0.0267	-0.0050	1.055900	0.071565	1.076630	0.060398	0.242283	0.065879	-0.032656	0.105412
-0.0133	-0.0050	1.073799	0.055178	1.054049	0.058030	0.077294	0.037892	0.352134	0.053658
-0.0000	-0.0050	1.043920	0.048748	0.991925	0.047476	0.057456	0.072944	0.315383	0.051855
0.0133	-0.0050	0.969413	0.051672	0.833598	0.072551	0.174947	0.064721	0.295025	0.046473
0.0267	-0.0050	0.848159	0.080093	0.954753	0.011555	0.110943	0.020463	0.468962	0.024163
0.0400	-0.0050	0.946367	0.009653	0.968429	0.009047	0.076727	0.014244	0.409955	0.025251
0.0533	-0.0050	0.955068	0.007201	0.960596	0.008482	0.048582	0.012682	0.345465	0.023468
0.0667	-0.0050	0.969783	0.007805	0.978313	0.007695	0.053636	0.010975	0.281341	0.014203
0.0800	-0.0050	0.967062	0.007253	0.983029	0.006080	0.040290	0.009166	0.240219	0.013926
0.0933	-0.0050	0.970168	0.007477	0.984172	0.008193	0.041407	0.008240	0.231539	0.015897
0.1067	-0.0050	0.977152	0.006965	0.987751	0.007195	0.035672	0.007577	0.205264	0.010395
0.1200	-0.0050	0.980947	0.007646	0.989208	0.007400	0.027933	0.009660	0.184325	0.007996
0.1333	-0.0050	0.993928	0.007869	0.987251	0.008841	0.022147	0.008862	0.164846	0.011519
0.1467	-0.0050	0.985352	0.006268	0.994132	0.009327	0.019026	0.008576	0.141385	0.008964
0.1600	-0.0050	0.986507	0.007224	0.992602	0.008234	0.015910	0.008635	0.141861	0.009119
0.1733	-0.0050	0.985882	0.009175	0.988957	0.008572	0.021696	0.011221	0.126362	0.009122
0.1867	-0.0050	0.991229	0.006378	0.992113	0.007751	0.023327	0.007695	0.128364	0.011084
0.2000	-0.0050	0.986826	0.006611	0.990890	0.008867	0.015308	0.012854	0.112106	0.007692

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

F

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.3000	-0.0230	0.957868	0.016346	0.944837	0.010910	0.094110	0.010586	-0.131201	0.012541
-0.2800	-0.0230	0.955334	0.013687	0.949168	0.009965	0.086577	0.010702	-0.137127	0.013051
-0.2600	-0.0230	0.959612	0.016569	0.948350	0.008923	0.101547	0.010272	-0.133342	0.013803
-0.2400	-0.0230	0.958868	0.010746	0.948614	0.008287	0.100783	0.009075	-0.135647	0.014634
-0.2200	-0.0230	0.958240	0.010958	0.949606	0.008627	0.092897	0.009316	-0.138460	0.011862
-0.2000	-0.0230	0.963402	0.009709	0.952730	0.011332	0.091694	0.015629	-0.141519	0.009669
-0.1800	-0.0230	0.969123	0.010478	0.952486	0.022430	0.079391	0.022609	-0.147206	0.008072
-0.1600	-0.0230	0.972481	0.013134	0.947468	0.026412	0.081046	0.033920	-0.144860	0.016266
-0.1400	-0.0230	0.964133	0.032338	0.956994	0.016048	0.059449	0.010774	-0.152410	0.029760
-0.1200	-0.0230	0.960066	0.027620	0.961418	0.008098	0.014746	0.015091	-0.191396	0.030442
-0.1000	-0.0230	0.980038	0.011449	0.968528	0.011549	-0.062532	0.028748	-0.228364	0.015643
-0.0800	-0.0230	0.984368	0.008474	0.974400	0.027109	-0.168877	0.074004	-0.269093	0.013898
-0.0600	-0.0230	0.993483	0.011156	0.975052	0.057757	-0.119589	0.143606	-0.345188	0.021322
-0.0400	-0.0230	0.997876	0.031721	0.939894	0.058556	-0.340832	0.141281	-0.274093	0.045204
-0.0200	-0.0230	0.970278	0.048962	0.955855	0.049219	-0.238296	0.089246	-0.124920	0.096651
0.0000	-0.0230	0.933247	0.052000	1.030769	0.029425	-0.154726	0.068056	0.214720	0.046641
0.0200	-0.0230	0.998799	0.042670	0.878873	0.064776	-0.026052	0.058204	0.216657	0.044693
0.0400	-0.0230	0.885208	0.057019	0.959171	0.010103	-0.036866	0.019154	0.394181	0.037096
0.0600	-0.0230	0.959690	0.007876	0.965223	0.008665	-0.008500	0.014316	0.338345	0.021652
0.0800	-0.0230	0.976517	0.006609	0.976818	0.009943	0.001579	0.010960	0.268145	0.013317
0.1000	-0.0230	0.979205	0.005165	0.979551	0.006421	-0.000274	0.010964	0.216003	0.007442
0.1200	-0.0230	0.985760	0.007132	0.984739	0.008873	0.004722	0.007649	0.205035	0.011954
0.1400	-0.0230	0.990159	0.006861	0.986977	0.009879	0.012996	0.012115	0.165856	0.009221
0.1600	-0.0230	0.999720	0.008317	0.993418	0.007375	0.011284	0.010483	0.155683	0.015361
0.1800	-0.0230	0.998275	0.007508	0.989297	0.009571	0.012419	0.010264	0.132176	0.009544
0.2000	-0.0230	0.998788	0.006996	0.987154	0.007817	0.010987	0.010623	0.126226	0.009423
0.2200	-0.0230	1.002830	0.007160	0.990921	0.008584	0.013846	0.009415	0.121366	0.004746
0.2400	-0.0230	0.997163	0.007126	0.985646	0.007782	0.007288	0.008900	0.108514	0.010000
0.2600	-0.0230	1.001960	0.007017	0.992926	0.008373	0.012116	0.011273	0.100560	0.007337
0.2800	-0.0230	1.005190	0.006931	0.993412	0.009403	0.013813	0.013198	0.092971	0.007707
0.3000	-0.0230	1.003329	0.007690	0.991883	0.009232	0.010098	0.010808	0.085004	0.008611
-0.3000	-0.0330	0.886203	0.040921	0.892926	0.040328	0.093079	0.013650	-0.132542	0.033625
-0.2800	-0.0330	0.894836	0.038045	0.911704	0.028976	0.091134	0.010775	-0.139402	0.031751
-0.2600	-0.0330	0.886642	0.037628	0.912859	0.027082	0.089167	0.010578	-0.122270	0.034712
-0.2400	-0.0330	0.842509	0.043679	0.930186	0.015400	0.098911	0.008755	-0.133999	0.035298
-0.2200	-0.0330	0.901298	0.036796	0.941452	0.015993	0.090540	0.012818	-0.127741	0.031193
-0.2000	-0.0330	0.929409	0.027429	0.947453	0.015056	0.085104	0.012227	-0.140045	0.029104

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

F

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1800	-0.0330	0.952353	0.018827	0.948642	0.020115	0.074205	0.024316	-0.141971	0.014610
-0.1600	-0.0330	0.961265	0.016296	0.934709	0.032314	0.059448	0.030385	-0.144748	0.016798
-0.1400	-0.0330	0.967829	0.027078	0.948010	0.023621	0.034573	0.021409	-0.143922	0.031400
-0.1200	-0.0330	0.936815	0.026352	0.955597	0.013692	-0.009941	0.015701	-0.169668	0.051714
-0.1000	-0.0330	0.968708	0.018809	0.969180	0.009665	-0.094413	0.038631	-0.202825	0.018502
-0.0800	-0.0330	0.978000	0.010491	0.971824	0.014690	-0.264198	0.042574	-0.230088	0.013373
-0.0600	-0.0330	0.983420	0.012192	0.978195	0.029129	-0.412863	0.087536	-0.241331	0.015563
-0.0400	-0.0330	0.976078	0.021927	0.961740	0.037879	-0.506523	0.072467	-0.211069	0.040665
-0.0200	-0.0330	0.963974	0.036924	0.951821	0.044967	-0.420512	0.051960	-0.075556	0.068224
0.0000	-0.0330	0.946811	0.038345	0.995788	0.030667	-0.280607	0.046112	0.152394	0.044648
0.0200	-0.0330	0.959840	0.035366	0.921155	0.054955	-0.127016	0.056406	0.153983	0.034773
0.0400	-0.0330	0.906430	0.058176	0.963204	0.009031	-0.078042	0.022382	0.381514	0.016120
0.0600	-0.0330	0.965297	0.008163	0.977874	0.010066	-0.047128	0.009864	0.300553	0.016022
0.0800	-0.0330	0.976943	0.008743	0.978145	0.009669	-0.018466	0.010881	0.267389	0.010976
0.1000	-0.0330	0.980204	0.008161	0.977221	0.008437	0.000891	0.012483	0.226478	0.010463
0.1200	-0.0330	0.986434	0.008561	0.989646	0.008684	-0.005244	0.010373	0.200831	0.013458
0.1400	-0.0330	0.988747	0.008019	0.988419	0.009752	-0.003640	0.008742	0.169518	0.009757
0.1600	-0.0330	0.999744	0.006966	0.991785	0.010328	0.004265	0.010537	0.138359	0.009165
0.1800	-0.0330	0.999938	0.009621	0.995487	0.010011	0.008007	0.014172	0.134380	0.008242
0.2000	-0.0330	0.993693	0.006421	0.994423	0.007491	0.007353	0.007681	0.132841	0.012831
0.2200	-0.0330	0.995968	0.007731	0.995156	0.008578	0.005144	0.008744	0.111881	0.011013
0.2400	-0.0330	1.001690	0.006811	0.991500	0.009111	0.003931	0.007711	0.111772	0.012359
0.2600	-0.0330	1.000790	0.007550	0.993019	0.009502	-0.000149	0.008944	0.090508	0.009867
0.2800	-0.0330	0.998828	0.007433	0.993032	0.009465	0.016115	0.012319	0.094206	0.009701
0.3000	-0.0330	1.003779	0.007532	0.997122	0.008336	0.005451	0.009038	0.083400	0.007478

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	-0.0332	0.871298	0.038498	0.949726	0.006639	0.038529	0.008699	-0.119998	0.042396
-1.4000	-0.0332	0.859945	0.040567	0.949019	0.007312	0.039625	0.014927	-0.131717	0.032154
-1.3000	-0.0332	0.864488	0.043569	0.941595	0.008388	0.037823	0.012602	-0.117088	0.038039
-1.2000	-0.0332	0.853607	0.048249	0.936657	0.007790	0.032979	0.009620	-0.124159	0.040093
-1.1000	-0.0332	0.855728	0.045122	0.938082	0.012410	0.041732	0.011720	-0.113150	0.037574
-1.0000	-0.0332	0.868277	0.043988	0.938644	0.009509	0.041836	0.014860	-0.109238	0.046338
-0.9000	-0.0332	0.873235	0.035074	0.931068	0.014862	0.039696	0.014585	-0.114040	0.035325
-0.8000	-0.0332	0.844696	0.053129	0.931377	0.012667	0.056389	0.012433	-0.110737	0.037999
-0.7000	-0.0332	0.869371	0.042630	0.933584	0.017988	0.063506	0.012413	-0.111195	0.039366
-0.6000	-0.0332	0.891951	0.034277	0.935607	0.015963	0.067704	0.010651	-0.115541	0.036629
-0.5000	-0.0332	0.876488	0.036698	0.931438	0.020514	0.075803	0.010525	-0.118659	0.033103
-0.4000	-0.0332	0.868918	0.045731	0.930962	0.021868	0.086582	0.006370	-0.121404	0.036179
-0.3000	-0.0332	0.861816	0.041845	0.910991	0.030114	0.095732	0.015034	-0.114777	0.035018
-0.2000	-0.0332	0.936007	0.019007	0.943339	0.014330	0.092416	0.012374	-0.138271	0.019040
-0.1000	-0.0332	0.967891	0.016835	0.976139	0.009536	-0.109083	0.034473	-0.200517	0.021499
0.0000	-0.0332	0.945414	0.032752	0.994747	0.029615	-0.337651	0.052160	0.160524	0.032008
0.1000	-0.0332	0.975046	0.006891	0.986813	0.008781	-0.010514	0.010374	0.208019	0.010598
-1.5000	-0.0582	0.899156	0.054189	0.781114	0.070642	0.019764	0.043575	-0.028180	0.061314
-1.4000	-0.0582	0.884999	0.046258	0.722833	0.092002	0.048117	0.051246	-0.004229	0.046419
-1.3000	-0.0582	0.879906	0.054932	0.639026	0.075276	0.044161	0.060656	-0.019415	0.046459
-1.2000	-0.0582	0.871476	0.049619	0.621269	0.083019	0.041391	0.050248	-0.015844	0.054607
-1.1000	-0.0582	0.893928	0.057573	0.592590	0.086656	0.051216	0.056326	-0.023145	0.051960
-1.0000	-0.0582	0.883884	0.064354	0.612640	0.096321	0.038137	0.059718	-0.024548	0.052952
-0.9000	-0.0582	0.894090	0.056055	0.621303	0.089486	0.044226	0.055934	-0.031511	0.043274
-0.8000	-0.0582	0.874931	0.063244	0.616395	0.108896	0.064230	0.048148	-0.024432	0.050019
-0.7000	-0.0582	0.887033	0.051548	0.594889	0.090249	0.055650	0.047202	-0.026888	0.052709
-0.6000	-0.0582	0.873947	0.057222	0.641448	0.106962	0.060134	0.054992	-0.047594	0.059190
-0.5000	-0.0582	0.867469	0.061650	0.775916	0.133504	0.067734	0.062990	-0.043581	0.040692
-0.4000	-0.0582	0.887088	0.057589	0.798905	0.099298	0.088751	0.050865	-0.058277	0.044250
-0.3000	-0.0582	0.859339	0.074791	0.813715	0.090201	0.063257	0.061340	-0.047382	0.056402
-0.2000	-0.0582	0.894559	0.045275	0.906340	0.068396	0.028954	0.093360	-0.059757	0.045041
-0.1000	-0.0582	0.919047	0.053458	0.938232	0.058465	-0.134944	0.056247	-0.042930	0.044184
0.0000	-0.0582	0.996980	0.014344	1.006350	0.019997	-0.260588	0.062192	0.085375	0.012815
0.1000	-0.0582	0.976070	0.006061	0.987922	0.009204	-0.047183	0.010118	0.173658	0.007582
-1.5000	-0.0832	0.934727	0.008429	0.919394	0.035561	0.012350	0.054268	-0.061863	0.009370
-1.4000	-0.0832	0.935669	0.010993	0.930764	0.010661	-0.007671	0.033765	-0.058866	0.008089
-1.3000	-0.0832	0.942852	0.009010	0.931960	0.014703	-0.024950	0.025656	-0.056466	0.008873

52

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.2000	-0.0832	0.936946	0.009442	0.937296	0.014224	-0.025253	0.023049	-0.058674	0.009026
-1.1000	-0.0832	0.936839	0.007495	0.942196	0.010889	-0.009241	0.024223	-0.061713	0.009710
-1.0000	-0.0832	0.935527	0.009777	0.934878	0.011590	-0.017970	0.014370	-0.063202	0.009034
-0.9000	-0.0832	0.935679	0.007959	0.939592	0.011864	-0.029909	0.015897	-0.063039	0.007590
-0.8000	-0.0832	0.930414	0.008163	0.939885	0.010345	-0.021363	0.015797	-0.063356	0.008716
-0.7000	-0.0832	0.933203	0.009419	0.940176	0.008832	-0.035096	0.010607	-0.064823	0.008243
-0.6000	-0.0832	0.940475	0.009564	0.948663	0.009513	-0.053728	0.016931	-0.069820	0.006214
-0.5000	-0.0832	0.940661	0.007972	0.947638	0.007977	-0.069786	0.009468	-0.065094	0.008031
-0.4000	-0.0832	0.935284	0.006158	0.944158	0.007394	-0.078971	0.010995	-0.069622	0.007763
-0.3000	-0.0832	0.947475	0.007221	0.955206	0.006627	-0.092532	0.007995	-0.067836	0.007360
-0.2000	-0.0832	0.948802	0.007743	0.954417	0.008430	-0.123692	0.012949	-0.060676	0.007351
-0.1000	-0.0832	0.964481	0.007343	0.975912	0.009270	-0.184249	0.014878	-0.040059	0.007157
0.0000	-0.0832	0.984912	0.007001	1.003050	0.008347	-0.204795	0.014901	0.094233	0.006626
0.1000	-0.0832	0.977023	0.007161	0.986157	0.009847	-0.061170	0.011288	0.145691	0.007684
-1.5000	-0.1082	0.946083	0.010942	0.948588	0.007748	-0.018055	0.010176	-0.054220	0.008500
-1.4000	-0.1082	0.943153	0.009681	0.946868	0.007106	-0.006073	0.009535	-0.058983	0.007072
-1.3000	-0.1082	0.939558	0.010093	0.947018	0.008307	-0.002318	0.010495	-0.056741	0.006855
-1.2000	-0.1082	0.938197	0.008607	0.941449	0.006856	-0.009000	0.016725	-0.057312	0.006598
-1.1000	-0.1082	0.943934	0.007655	0.943139	0.006828	-0.025124	0.010457	-0.059150	0.008902
-1.0000	-0.1082	0.943678	0.009721	0.946376	0.008689	-0.023863	0.010987	-0.061071	0.006717
-0.9000	-0.1082	0.939304	0.008204	0.948501	0.009243	-0.015968	0.009155	-0.061104	0.008563
-0.8000	-0.1082	0.942347	0.007846	0.949696	0.010249	-0.028077	0.010820	-0.061026	0.008198
-0.7000	-0.1082	0.946292	0.008773	0.948434	0.007150	-0.034843	0.015294	-0.060050	0.008289
-0.6000	-0.1082	0.946109	0.007847	0.950411	0.009640	-0.047897	0.015702	-0.062881	0.008141
-0.5000	-0.1082	0.942482	0.006749	0.958436	0.009173	-0.065791	0.009386	-0.059528	0.007524
-0.4000	-0.1082	0.944304	0.008044	0.955042	0.006602	-0.076005	0.011637	-0.060250	0.007116
-0.3000	-0.1082	0.951525	0.007296	0.959512	0.008801	-0.093841	0.012379	-0.058538	0.006984
-0.2000	-0.1082	0.950965	0.007051	0.966234	0.008293	-0.119749	0.011154	-0.053693	0.007191
-0.1000	-0.1082	0.964294	0.007773	0.978390	0.008488	-0.160968	0.010309	-0.018604	0.006184
0.0000	-0.1082	0.980438	0.010322	0.994437	0.008179	-0.169721	0.009278	0.081055	0.006795
0.1000	-0.1082	0.979877	0.008641	0.988595	0.008044	-0.070729	0.010397	0.126865	0.008304
-1.5000	-0.1332	0.940104	0.008355	0.949809	0.008117	-0.023877	0.011465	-0.055062	0.007990
-1.4000	-0.1332	0.946422	0.010642	0.945429	0.009033	-0.014751	0.011309	-0.055534	0.008382
-1.3000	-0.1332	0.947695	0.006959	0.945740	0.008305	-0.011154	0.014002	-0.054316	0.007836
-1.2000	-0.1332	0.946448	0.010605	0.949422	0.007257	-0.018799	0.012823	-0.055685	0.010236
-1.1000	-0.1332	0.941355	0.009105	0.950426	0.007705	-0.022999	0.010265	-0.053249	0.009877
-1.0000	-0.1332	0.943369	0.009491	0.948463	0.007765	-0.018503	0.009214	-0.056479	0.008478
-0.9000	-0.1332	0.941520	0.008617	0.954443	0.008985	-0.020211	0.013412	-0.056922	0.009499

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.8000	-0.1332	0.948073	0.007514	0.956073	0.007979	-0.018171	0.009031	-0.057725	0.009688
-0.7000	-0.1332	0.947636	0.007516	0.950437	0.009001	-0.039900	0.009729	-0.058635	0.008859
-0.6000	-0.1332	0.943598	0.008331	0.957647	0.007820	-0.042345	0.011713	-0.057802	0.007412
-0.5000	-0.1332	0.944740	0.007847	0.956937	0.009212	-0.058354	0.007948	-0.056270	0.007590
-0.4000	-0.1332	0.949995	0.007807	0.961347	0.008349	-0.079055	0.010545	-0.056423	0.008801
-0.3000	-0.1332	0.954562	0.007938	0.963689	0.008494	-0.088479	0.011017	-0.049796	0.007801
-0.2000	-0.1332	0.962516	0.008408	0.972686	0.006886	-0.106189	0.010694	-0.038787	0.004978
-0.1000	-0.1332	0.970461	0.007373	0.972767	0.008869	-0.151696	0.008939	-0.008071	0.006789
0.0000	-0.1332	0.976641	0.004533	0.988178	0.007716	-0.141051	0.008463	0.072186	0.008405
0.1000	-0.1332	0.986181	0.006917	0.985764	0.007238	-0.072276	0.007628	0.104667	0.007246

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	0.0000	0.968393	0.011659	0.963096	0.007074	0.015883	0.009658	-0.125408	0.008169
-1.3000	0.0000	0.963210	0.010698	0.962579	0.006691	0.042651	0.006518	-0.127558	0.007951
-1.1000	0.0000	0.965477	0.011108	0.957304	0.006123	0.049132	0.009148	-0.124655	0.008581
-0.9000	0.0000	0.959621	0.009703	0.951664	0.006532	0.057281	0.006487	-0.123624	0.008222
-0.7000	0.0000	0.966361	0.009593	0.952757	0.006537	0.066878	0.009349	-0.124990	0.008707
-0.5000	0.0000	0.966346	0.009007	0.950322	0.006771	0.077449	0.015329	-0.123520	0.008237
-0.3000	0.0000	0.972045	0.009533	0.963195	0.006517	0.092954	0.007122	-0.128029	0.007587
-0.1000	0.0000	0.991050	0.008821	0.962403	0.015168	0.111773	0.029182	-0.258380	0.016632
0.1000	0.0000	0.981167	0.007986	0.980065	0.008582	0.034514	0.010410	0.240657	0.017046
-1.5000	-0.0100	0.965064	0.013778	0.956995	0.007832	0.030505	0.007188	-0.130222	0.010300
-1.3000	-0.0100	0.961396	0.010343	0.956839	0.008668	0.038658	0.014809	-0.120987	0.010010
-1.1000	-0.0100	0.959563	0.009037	0.947671	0.005474	0.040342	0.010709	-0.123095	0.007573
-0.9000	-0.0100	0.956370	0.011125	0.949790	0.006259	0.044229	0.009202	-0.123446	0.007240
-0.7000	-0.0100	0.960531	0.008530	0.948975	0.005851	0.072277	0.008347	-0.125209	0.008011
-0.5000	-0.0100	0.963167	0.009602	0.951836	0.005969	0.067266	0.009531	-0.124121	0.006705
-0.3000	-0.0100	0.964513	0.009148	0.953231	0.007637	0.100455	0.007264	-0.127808	0.006375
-0.1000	-0.0100	0.982400	0.011714	0.972378	0.013393	0.043943	0.026731	-0.241485	0.013883
0.1000	-0.0100	0.983878	0.007832	0.983033	0.007486	0.026860	0.009801	0.243818	0.011014
-1.5000	-0.0200	0.955042	0.012791	0.951080	0.006338	0.018128	0.010187	-0.128806	0.013394
-1.3000	-0.0200	0.959134	0.012742	0.952658	0.006571	0.048068	0.012165	-0.125872	0.012576
-1.1000	-0.0200	0.959413	0.011933	0.949533	0.006230	0.046442	0.007350	-0.125711	0.010222
-0.9000	-0.0200	0.957543	0.010943	0.947263	0.007206	0.054114	0.008039	-0.124111	0.010977
-0.7000	-0.0200	0.956183	0.012173	0.947340	0.007714	0.068593	0.008631	-0.123996	0.010372
-0.5000	-0.0200	0.951197	0.009273	0.946176	0.006237	0.072365	0.010538	-0.125295	0.009338
-0.3000	-0.0200	0.963790	0.011049	0.949223	0.010056	0.091817	0.007551	-0.130917	0.009562
-0.1000	-0.0200	0.980449	0.012556	0.967735	0.011664	-0.056068	0.029354	-0.223847	0.017367
0.1000	-0.0200	0.979792	0.006963	0.979971	0.007288	-0.000218	0.008853	0.244269	0.014825
-1.5000	-0.0300	0.925916	0.023916	0.945914	0.005545	0.028554	0.012535	-0.134532	0.023059
-1.3000	-0.0300	0.921004	0.028833	0.949285	0.007520	0.037473	0.011746	-0.133914	0.026873
-1.1000	-0.0300	0.919425	0.028518	0.939420	0.008745	0.031954	0.011842	-0.123459	0.024072
-0.9000	-0.0300	0.909955	0.030411	0.936557	0.011582	0.055462	0.011657	-0.125605	0.027719
-0.7000	-0.0300	0.928474	0.028390	0.944149	0.009927	0.059393	0.009055	-0.129186	0.022908
-0.5000	-0.0300	0.918864	0.027326	0.935591	0.013009	0.068303	0.008918	-0.124847	0.026706
-0.3000	-0.0300	0.930527	0.017486	0.924675	0.021010	0.091375	0.009807	-0.123819	0.026189
-0.1000	-0.0300	0.972057	0.018132	0.970357	0.009503	-0.105449	0.025169	-0.199788	0.020168
0.1000	-0.0300	0.980917	0.006442	0.981196	0.005604	-0.021292	0.010647	0.226431	0.015368
-1.5000	-0.0400	0.793704	0.052067	0.943213	0.009075	0.029405	0.017837	-0.102668	0.057008

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.3000	-0.0400	0.770428	0.076896	0.915428	0.028137	0.032723	0.013667	-0.095101	0.054338
-1.1000	-0.0400	0.759485	0.067548	0.919726	0.028789	0.034659	0.015684	-0.088692	0.056890
-0.9000	-0.0400	0.749403	0.080041	0.905002	0.030167	0.053736	0.016295	-0.075479	0.063358
-0.7000	-0.0400	0.776894	0.071212	0.891405	0.036624	0.066095	0.018943	-0.092503	0.056904
-0.5000	-0.0400	0.785519	0.053390	0.883976	0.039402	0.077862	0.014488	-0.089023	0.056613
-0.3000	-0.0400	0.792038	0.055791	0.783176	0.070444	0.095068	0.027362	-0.102100	0.046462
-0.1000	-0.0400	0.929713	0.032018	0.963880	0.014239	-0.108991	0.022412	-0.155580	0.038180
0.1000	-0.0400	0.933708	0.006609	0.981860	0.007079	-0.021639	0.012027	0.228608	0.012268
-1.5000	-0.0500	1.110660	0.079581	0.891596	0.041743	0.030546	0.015986	0.024635	0.065156
-1.3000	-0.0500	1.081750	0.089341	0.830208	0.063664	0.042394	0.027118	-0.041238	0.072902
-1.1000	-0.0500	1.056629	0.087770	0.782912	0.071519	0.045208	0.026247	0.020539	0.083262
-0.9000	-0.0500	1.022710	0.094807	0.755733	0.078938	0.058679	0.042899	0.022064	0.077305
-0.7000	-0.0500	0.690465	0.132252	0.701319	0.075177	0.072459	0.046202	-0.033083	0.082982
-0.5000	-0.0500	0.613460	0.072159	0.678845	0.093383	0.079683	0.039575	-0.063087	0.065994
-0.3000	-0.0500	0.630591	0.070038	0.640152	0.088958	0.091390	0.052836	-0.021297	0.089888
-0.1000	-0.0500	0.777757	0.075215	0.791186	0.077329	-0.140402	0.024446	-0.057054	0.108081
0.1000	-0.0500	0.981272	0.006941	0.984924	0.007006	-0.028429	0.009188	0.202859	0.007365
-1.5000	-0.0600	0.904141	0.052238	0.715506	0.090691	0.041468	0.043775	-0.060599	0.022206
-1.3000	-0.0600	0.935392	0.034315	0.607051	0.097600	0.046270	0.056387	-0.059363	0.031168
-1.1000	-0.0600	0.926331	0.042109	0.630549	0.111241	0.062362	0.058231	-0.055228	0.027231
-0.9000	-0.0600	0.924180	0.045366	0.755589	0.132099	0.078200	0.063135	-0.058356	0.037404
-0.7000	-0.0600	0.929485	0.043139	0.790217	0.110883	0.072839	0.066763	-0.063589	0.034516
-0.5000	-0.0600	0.921134	0.032965	0.872262	0.074354	0.075085	0.054264	-0.054638	0.033127
-0.3000	-0.0600	0.936012	0.028752	0.886038	0.062968	0.063329	0.071887	-0.071753	0.032882
-0.1000	-0.0600	0.946548	0.028861	0.954766	0.036882	-0.134049	0.063086	-0.072128	0.029600
0.1000	-0.0600	0.990003	0.006104	0.985170	0.006448	-0.045885	0.009429	0.191767	0.011320
-1.5000	-0.0700	0.946667	0.014419	0.584828	0.091676	0.003205	0.051190	-0.072023	0.010484
-1.3000	-0.0700	0.950890	0.014913	0.857871	0.093218	0.046361	0.061550	-0.070233	0.011947
-1.1000	-0.0700	0.945089	0.013476	0.914415	0.040263	0.036887	0.064832	-0.066590	0.013831
-0.9000	-0.0700	0.947612	0.014579	0.917183	0.038619	-0.001867	0.068299	-0.067002	0.012812
-0.7000	-0.0700	0.943887	0.015855	0.917627	0.032902	0.021532	0.072951	-0.074637	0.013973
-0.5000	-0.0700	0.948761	0.014951	0.941249	0.017173	0.007323	0.076364	-0.075087	0.013355
-0.3000	-0.0700	0.952543	0.015695	0.941580	0.016882	-0.080729	0.061446	-0.079447	0.011891
-0.1000	-0.0700	0.958542	0.009273	0.967524	0.010392	-0.196825	0.018937	-0.064785	0.008927
0.1000	-0.0700	0.988513	0.006540	0.983199	0.008075	-0.065426	0.010563	0.181978	0.008536
-1.5000	-0.0800	0.952815	0.011941	0.877566	0.058984	0.025402	0.075290	-0.072418	0.007238
-1.3000	-0.0800	0.946733	0.011557	0.928223	0.020678	-0.009200	0.053830	-0.066387	0.008425
-1.1000	-0.0800	0.947901	0.009159	0.933791	0.016017	-0.011352	0.042381	-0.067116	0.007458

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.9000	-0.0800	0.955074	0.010448	0.938443	0.013652	-0.017110	0.019851	-0.068945	0.007681
-0.7000	-0.0800	0.947595	0.009791	0.938950	0.009799	-0.042213	0.022952	-0.070714	0.007351
-0.5000	-0.0800	0.947082	0.009428	0.942825	0.009457	-0.060150	0.017718	-0.073341	0.007783
-0.3000	-0.0800	0.957410	0.009170	0.950303	0.009213	-0.103232	0.013447	-0.076284	0.007598
-0.1000	-0.0800	0.970881	0.008252	0.971555	0.008867	-0.198663	0.009709	-0.053712	0.006709
0.1000	-0.0800	0.985466	0.009405	0.982651	0.007357	-0.063636	0.016053	0.169674	0.008381
-1.5000	-0.0900	0.952217	0.011899	0.944127	0.009181	0.003033	0.023828	-0.069827	0.007791
-1.3000	-0.0900	0.951825	0.010030	0.939156	0.011910	-0.015402	0.013347	-0.065059	0.008293
-1.1000	-0.0900	0.955695	0.011883	0.941005	0.007520	-0.012207	0.012828	-0.063980	0.008085
-0.9000	-0.0900	0.950533	0.011361	0.940343	0.008685	-0.022481	0.014200	-0.067114	0.006939
-0.7000	-0.0900	0.950302	0.008781	0.942258	0.009647	-0.031150	0.015200	-0.071988	0.006563
-0.5000	-0.0900	0.949535	0.009348	0.947688	0.008445	-0.063632	0.010515	-0.070887	0.006684
-0.3000	-0.0900	0.956575	0.007129	0.954516	0.008710	-0.091780	0.011051	-0.071496	0.007416
-0.1000	-0.0900	0.971998	0.007442	0.972591	0.008056	-0.185370	0.012907	-0.049850	0.006983
0.1000	-0.0900	0.990972	0.006334	0.987510	0.008193	-0.071663	0.009760	0.157342	0.006329
-1.5000	-0.1000	0.954920	0.013297	0.939855	0.008842	-0.000067	0.012921	-0.069747	0.007592
-1.3000	-0.1000	0.951039	0.009889	0.942047	0.008300	-0.021606	0.015481	-0.065628	0.006984
-1.1000	-0.1000	0.950854	0.012092	0.943368	0.008520	-0.008904	0.014543	-0.063033	0.006979
-0.9000	-0.1000	0.954506	0.009050	0.941889	0.008468	-0.024229	0.011640	-0.065741	0.007330
-0.7000	-0.1000	0.952960	0.008380	0.942546	0.008831	-0.035641	0.008791	-0.067267	0.007982
-0.5000	-0.1000	0.957363	0.007818	0.944579	0.007145	-0.064073	0.007628	-0.069272	0.006461
-0.3000	-0.1000	0.960983	0.007978	0.954043	0.009034	-0.093911	0.008807	-0.068886	0.007364
-0.1000	-0.1000	0.971312	0.007349	0.978442	0.007537	-0.170590	0.010260	-0.038875	0.007461
0.1000	-0.1000	0.988591	0.006545	0.981553	0.007495	-0.068433	0.010706	0.142057	0.011521
-1.5000	-0.1100	0.951842	0.008864	0.941114	0.007199	-0.010943	0.012662	-0.068133	0.007809
-1.3000	-0.1100	0.953835	0.009434	0.942445	0.006756	-0.010215	0.012959	-0.064436	0.007520
-1.1000	-0.1100	0.961428	0.011064	0.944886	0.008144	-0.015780	0.010658	-0.063241	0.007427
-0.9000	-0.1100	0.954246	0.008824	0.939567	0.008603	-0.026044	0.015889	-0.067128	0.008186
-0.7000	-0.1100	0.964682	0.007615	0.949437	0.008962	-0.040799	0.014043	-0.067438	0.007100
-0.5000	-0.1100	0.957632	0.008720	0.950512	0.008288	-0.066081	0.012691	-0.066805	0.006147
-0.3000	-0.1100	0.959643	0.007209	0.957315	0.009562	-0.084529	0.013751	-0.063218	0.006376
-0.1000	-0.1100	0.972135	0.007400	0.979098	0.007742	-0.168141	0.011213	-0.032340	0.006207
0.1000	-0.1100	0.992079	0.006311	0.987974	0.006973	-0.073606	0.011310	0.134846	0.006281
-1.5000	-0.1200	0.958750	0.012123	0.947698	0.006331	-0.012546	0.012037	-0.064169	0.008213
-1.3000	-0.1200	0.958085	0.011261	0.938371	0.007605	-0.013327	0.011197	-0.060826	0.007528
-1.1000	-0.1200	0.958625	0.010176	0.944099	0.008246	-0.019586	0.010324	-0.060689	0.007985
-0.9000	-0.1200	0.959076	0.008272	0.948955	0.009612	-0.022457	0.010987	-0.065434	0.008357
-0.7000	-0.1200	0.950463	0.010522	0.944843	0.007704	-0.031064	0.008927	-0.065850	0.006887

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.5000	-0.1200	0.954429	0.008986	0.948073	0.008175	-0.061919	0.014237	-0.065519	0.006674
-0.3000	-0.1200	0.964324	0.008101	0.960622	0.008735	-0.089071	0.009247	-0.061906	0.006537
-0.1000	-0.1200	0.970692	0.007823	0.978961	0.007461	-0.160575	0.011354	-0.028719	0.007663
0.1000	-0.1200	0.994844	0.006790	0.985843	0.007266	-0.076939	0.009542	0.131213	0.007054
-1.5000	-0.1300	0.959954	0.009871	0.947006	0.007510	-0.012791	0.007788	-0.062344	0.007039
-1.3000	-0.1300	0.959994	0.010229	0.944132	0.007977	-0.019245	0.013305	-0.064247	0.008303
-1.1000	-0.1300	0.957360	0.008012	0.944143	0.007536	-0.018904	0.008788	-0.061301	0.008208
-0.9000	-0.1300	0.960150	0.009575	0.946488	0.006749	-0.023127	0.010510	-0.062641	0.007605
-0.7000	-0.1300	0.954342	0.007909	0.949894	0.008211	-0.033924	0.011720	-0.065707	0.006890
-0.5000	-0.1300	0.960586	0.008221	0.954444	0.008458	-0.068544	0.007770	-0.065851	0.007156
-0.3000	-0.1300	0.965334	0.008733	0.960013	0.007102	-0.092518	0.007757	-0.055588	0.006245
-0.1000	-0.1300	0.979595	0.008583	0.982554	0.007745	-0.157928	0.010759	-0.020368	0.007074
0.1000	-0.1300	0.992978	0.006930	0.993175	0.007323	-0.069159	0.012138	0.115302	0.007212
-1.5000	-0.1400	0.950678	0.009246	0.946989	0.008950	-0.012929	0.008702	-0.062632	0.008049
-1.3000	-0.1400	0.955757	0.010208	0.951490	0.008249	-0.011423	0.009632	-0.062673	0.007255
-1.1000	-0.1400	0.958213	0.007940	0.945873	0.009418	-0.019296	0.011797	-0.062954	0.008195
-0.9000	-0.1400	0.956552	0.008970	0.945610	0.008992	-0.013176	0.010805	-0.056755	0.007288
-0.7000	-0.1400	0.960620	0.011079	0.948933	0.008063	-0.039574	0.010542	-0.062749	0.006773
-0.5000	-0.1400	0.961482	0.008495	0.960359	0.006009	-0.062846	0.009470	-0.060308	0.007360
-0.3000	-0.1400	0.966779	0.007779	0.961553	0.006443	-0.088312	0.009420	-0.055077	0.007006
-0.1000	-0.1400	0.979017	0.005823	0.973870	0.007454	-0.144195	0.011458	-0.018460	0.007618
0.1000	-0.1400	0.996272	0.006234	0.991593	0.007187	-0.088004	0.012493	0.107609	0.005710
-1.5000	-0.1500	0.955187	0.011703	0.948242	0.008958	-0.008542	0.011120	-0.062326	0.009572
-1.3000	-0.1500	0.956759	0.010069	0.949619	0.007237	-0.017444	0.011524	-0.061133	0.007608
-1.1000	-0.1500	0.959088	0.008838	0.947779	0.008330	-0.015819	0.008908	-0.060240	0.007137
-0.9000	-0.1500	0.959563	0.009896	0.951175	0.008328	-0.022455	0.010092	-0.059536	0.007821
-0.7000	-0.1500	0.957930	0.009938	0.956781	0.007733	-0.033180	0.010312	-0.059798	0.007307
-0.5000	-0.1500	0.963042	0.006978	0.956709	0.010862	-0.063413	0.010733	-0.058621	0.007961
-0.3000	-0.1500	0.967679	0.008512	0.960919	0.007410	-0.099209	0.009023	-0.054340	0.008568
-0.1000	-0.1500	0.977391	0.007746	0.980712	0.008322	-0.137898	0.009651	-0.015988	0.007729
0.1000	-0.1500	0.989851	0.006559	0.991507	0.006901	-0.073225	0.009366	0.099348	0.003889
-1.5000	-0.1600	0.964945	0.010899	0.952473	0.006847	-0.020680	0.008635	-0.057164	0.008460
-1.3000	-0.1600	0.961864	0.008227	0.951576	0.007645	-0.018765	0.013923	-0.057499	0.008621
-1.1000	-0.1600	0.957283	0.008465	0.944501	0.007503	-0.027404	0.010434	-0.055732	0.007136
-0.9000	-0.1600	0.963018	0.009358	0.952090	0.008269	-0.022351	0.009581	-0.057655	0.008484
-0.7000	-0.1600	0.961195	0.007682	0.954106	0.009013	-0.035210	0.014345	-0.059186	0.008428
-0.5000	-0.1600	0.967187	0.007919	0.961026	0.007872	-0.062773	0.006870	-0.056309	0.006454
-0.3000	-0.1600	0.968665	0.009018	0.962571	0.007473	-0.089255	0.011745	-0.049249	0.008407

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	-0.1600	0.987107	0.007707	0.981281	0.006629	-0.126297	0.009384	-0.013818	0.007626
0.1000	-0.1600	0.995038	0.006951	0.991068	0.006012	-0.077653	0.008384	0.086302	0.006548
-1.5000	-0.1700	0.963917	0.009956	0.950713	0.007445	0.001437	0.013692	-0.057296	0.007890
-1.3000	-0.1700	0.962747	0.009390	0.952842	0.007245	-0.029076	0.011008	-0.059364	0.007431
-1.1000	-0.1700	0.960637	0.008327	0.953371	0.007615	-0.022014	0.012283	-0.055090	0.008336
-0.9000	-0.1700	0.961105	0.007573	0.952426	0.008623	-0.023140	0.014204	-0.057424	0.007173
-0.7000	-0.1700	0.960208	0.007304	0.951699	0.008289	-0.033681	0.010984	-0.059168	0.007079
-0.5000	-0.1700	0.971925	0.007371	0.959980	0.007171	-0.064797	0.011929	-0.053820	0.007337
-0.3000	-0.1700	0.968827	0.007208	0.965625	0.009201	-0.090084	0.012184	-0.049332	0.008158
-0.1000	-0.1700	0.982514	0.009342	0.987730	0.007268	-0.134312	0.008248	-0.008267	0.006335
0.1000	-0.1700	0.994936	0.006244	0.989313	0.007812	-0.067851	0.009560	0.089102	0.009241
-1.5000	-0.1800	0.964973	0.009543	0.950491	0.007602	-0.005745	0.012143	-0.058558	0.007739
-1.3000	-0.1800	0.958022	0.009368	0.945857	0.006843	-0.012226	0.012416	-0.053862	0.007802
-1.1000	-0.1800	0.963197	0.009671	0.951799	0.007314	-0.015944	0.009330	-0.056793	0.007502
-0.9000	-0.1800	0.967548	0.008107	0.952784	0.009456	-0.018866	0.008296	-0.058684	0.007864
-0.7000	-0.1800	0.967715	0.007744	0.955571	0.008894	-0.037094	0.009588	-0.056430	0.008950
-0.5000	-0.1800	0.969461	0.008259	0.960151	0.008025	-0.052486	0.007947	-0.054454	0.006819
-0.3000	-0.1800	0.969642	0.008222	0.969758	0.008558	-0.090537	0.009056	-0.044509	0.006688
-0.1000	-0.1800	0.978906	0.007857	0.979641	0.007400	-0.117928	0.007976	-0.004626	0.006256
0.1000	-0.1800	0.989866	0.008423	0.989772	0.008088	-0.081730	0.012286	0.085193	0.007927
-1.5000	-0.1900	0.965780	0.009455	0.953161	0.008199	-0.015912	0.013020	-0.054047	0.008024
-1.3000	-0.1900	0.962900	0.011631	0.944924	0.007619	-0.006857	0.009177	-0.056100	0.007763
-1.1000	-0.1900	0.959865	0.008594	0.952267	0.008459	-0.020353	0.012631	-0.054674	0.006886
-0.9000	-0.1900	0.963457	0.009355	0.957415	0.007632	-0.019574	0.008473	-0.058226	0.007980
-0.7000	-0.1900	0.960559	0.007300	0.956636	0.009315	-0.045927	0.009144	-0.055181	0.007720
-0.5000	-0.1900	0.967920	0.007490	0.956962	0.007805	-0.058928	0.008365	-0.055887	0.007633
-0.3000	-0.1900	0.975013	0.008578	0.967168	0.007970	-0.088534	0.009146	-0.043375	0.008161
-0.1000	-0.1900	0.978691	0.008159	0.981189	0.007507	-0.109107	0.009886	-0.002608	0.006355
0.1000	-0.1900	0.994900	0.006875	0.990255	0.008302	-0.066573	0.009458	0.079522	0.008870
-1.5000	-0.2000	0.961822	0.010090	0.955753	0.009067	-0.009670	0.006823	-0.057822	0.007804
-1.3000	-0.2000	0.966885	0.008212	0.952103	0.006449	-0.015598	0.012098	-0.056249	0.008626
-1.1000	-0.2000	0.967742	0.008884	0.952864	0.008314	-0.020198	0.009514	-0.057122	0.007483
-0.9000	-0.2000	0.969050	0.008848	0.955247	0.007303	-0.026587	0.010578	-0.056264	0.008101
-0.7000	-0.2000	0.969697	0.008204	0.956982	0.008705	-0.032933	0.013286	-0.051441	0.007274
-0.5000	-0.2000	0.971609	0.008493	0.958983	0.008006	-0.058106	0.008597	-0.047470	0.008352
-0.3000	-0.2000	0.974955	0.007744	0.969211	0.008019	-0.079237	0.011218	-0.040368	0.008020
-0.1000	-0.2000	0.984307	0.009369	0.975758	0.007542	-0.115721	0.008626	-0.002882	0.007587
0.1000	-0.2000	0.994652	0.007190	0.987564	0.007969	-0.081003	0.012284	0.082788	0.007381

59

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	-0.2100	0.964690	0.011610	0.950075	0.006901	-0.017866	0.007188	-0.058241	0.008055
-1.3000	-0.2100	0.968694	0.010218	0.953043	0.008033	-0.009852	0.009468	-0.054944	0.009564
-1.1000	-0.2100	0.962509	0.008410	0.958980	0.008870	-0.020415	0.010822	-0.055072	0.008549
-0.9000	-0.2100	0.968405	0.008279	0.958928	0.007889	-0.016745	0.008991	-0.053924	0.008606
-0.7000	-0.2100	0.970178	0.007979	0.957412	0.007918	-0.038040	0.011217	-0.055921	0.007831
-0.5000	-0.2100	0.969554	0.008543	0.959474	0.007259	-0.058368	0.009513	-0.051379	0.007737
-0.3000	-0.2100	0.975948	0.009355	0.964383	0.007731	-0.084414	0.010071	-0.040189	0.009736
-0.1000	-0.2100	0.983361	0.006485	0.980041	0.007650	-0.114024	0.010780	0.000246	0.007364
0.1000	-0.2100	0.994691	0.007114	0.989905	0.007570	-0.070592	0.012034	0.072599	0.006438
-1.5000	-0.2200	0.964163	0.011304	0.948797	0.007278	-0.002590	0.010942	-0.054956	0.008450
-1.3000	-0.2200	0.965970	0.010424	0.954122	0.007138	-0.021814	0.008293	-0.055876	0.008349
-1.1000	-0.2200	0.967481	0.010720	0.953972	0.008255	-0.012287	0.011602	-0.051788	0.007988
-0.9000	-0.2200	0.968708	0.009259	0.960853	0.007229	-0.023002	0.010174	-0.050782	0.008476
-0.7000	-0.2200	0.966075	0.008187	0.963144	0.008637	-0.037219	0.009996	-0.052548	0.008119
-0.5000	-0.2200	0.969161	0.009019	0.959476	0.008648	-0.062127	0.010933	-0.048239	0.007400
-0.3000	-0.2200	0.981071	0.007654	0.969964	0.007379	-0.080751	0.008880	-0.038938	0.006469
-0.1000	-0.2200	0.982564	0.007870	0.982626	0.008024	-0.116336	0.010945	-0.000925	0.005333
0.1000	-0.2200	0.989677	0.006088	0.986510	0.007804	-0.067861	0.007532	0.065322	0.010875

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	0.2000	1.008490	0.008551					-0.109319	0.007945
-1.4000	0.2000	1.013700	0.011650					-0.109625	0.007274
-1.3000	0.2000	1.012950	0.010953					-0.107841	0.007561
-1.2000	0.2000	1.009680	0.009436					-0.101260	0.007531
-1.1000	0.2000	1.007720	0.008600					-0.107199	0.007959
-1.0000	0.2000	1.005309	0.009547					-0.104697	0.007864
-1.5000	0.1750	1.004760	0.011000					-0.111083	0.008213
-1.4000	0.1750	1.008070	0.010325					-0.110202	0.008059
-1.3000	0.1750	1.005139	0.009790					-0.110239	0.010957
-1.2000	0.1750	1.001699	0.009990					-0.108089	0.008444
-1.1000	0.1750	1.002769	0.010283					-0.107947	0.009030
-1.0000	0.1750	1.004069	0.008693					-0.109591	0.006795
-1.5000	0.1500	1.005239	0.009295					-0.112949	0.007086
-1.4000	0.1500	1.002740	0.008727					-0.116544	0.007544
-1.3000	0.1500	1.000649	0.008413					-0.114405	0.008202
-1.2000	0.1500	1.005920	0.011012					-0.113030	0.007968
-1.1000	0.1500	0.999517	0.009625					-0.110514	0.007480
-1.0000	0.1500	0.999377	0.010183					-0.112185	0.007954
-1.5000	0.1250	1.005139	0.009710					-0.116468	0.007734
-1.4000	0.1250	0.997639	0.008829					-0.114657	0.007410
-1.3000	0.1250	0.997530	0.008700					-0.117595	0.008360
-1.2000	0.1250	0.998370	0.008733					-0.117258	0.008586
-1.1000	0.1250	1.000500	0.009747					-0.112257	0.007672
-1.0000	0.1250	0.995450	0.010263					-0.115802	0.008822
-1.5000	0.1000	0.995040	0.010952					-0.115059	0.008495
-1.4000	0.1000	0.992010	0.009287					-0.122510	0.008003
-1.3000	0.1000	0.995500	0.009597					-0.117268	0.007596
-1.2000	0.1000	0.992280	0.010040					-0.116157	0.007742
-1.1000	0.1000	0.991540	0.009147					-0.115050	0.005673
-1.0000	0.1000	0.989740	0.008814					-0.118228	0.007306
-1.5000	0.0750	0.985375	0.008723					-0.118073	0.008566
-1.4000	0.0750	0.991033	0.009029					-0.119774	0.008046
-1.3000	0.0750	0.991051	0.009780					-0.120585	0.008193
-1.2000	0.0750	0.985363	0.008691					-0.118623	0.008714
-1.1000	0.0750	0.982310	0.009670					-0.118489	0.008286
-1.0000	0.0750	0.985047	0.008831					-0.119017	0.006970
-1.5000	0.0500	0.980161	0.011328					-0.121840	0.007911

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.4000	0.0500	0.982573	0.008539					-0.123016	0.006856
-1.3000	0.0500	0.979594	0.009092					-0.118138	0.007508
-1.2000	0.0500	0.982884	0.009948					-0.119810	0.007342
-1.1000	0.0500	0.982134	0.009216					-0.119331	0.008650
-1.0000	0.0500	0.982559	0.008189					-0.121884	0.006959
-1.5000	0.0250	0.971198	0.009708					-0.123101	0.008404
-1.4000	0.0250	0.972265	0.009377					-0.121727	0.007531
-1.3000	0.0250	0.975171	0.012303					-0.120770	0.007609
-1.2000	0.0250	0.970125	0.008689					-0.122586	0.007107
-1.1000	0.0250	0.968559	0.010124					-0.118013	0.007083
-1.0000	0.0250	0.967946	0.009367					-0.119103	0.008196
-1.5000	-0.0000	0.967347	0.012278					-0.121102	0.007482
-1.4000	-0.0000	0.968173	0.010391					-0.123558	0.006641
-1.3000	-0.0000	0.959525	0.009701					-0.121721	0.007456
-1.2000	-0.0000	0.966923	0.008801					-0.119006	0.006602
-1.1000	-0.0000	0.960573	0.010437					-0.118559	0.007615
-1.0000	-0.0000	0.965470	0.010329					-0.122178	0.006539
-1.5000	-0.0250	0.943175	0.019357					-0.119228	0.016801
-1.4000	-0.0250	0.943501	0.021284					-0.119425	0.016635
-1.3000	-0.0250	0.945665	0.022698					-0.121820	0.019260
-1.2000	-0.0250	0.948678	0.016639					-0.119307	0.018025
-1.1000	-0.0250	0.946976	0.014404					-0.123716	0.016059
-1.0000	-0.0250	0.950690	0.016601					-0.116796	0.017151
-1.5000	-0.0500	0.927162	0.087763					-0.005875	0.084988
-1.4000	-0.0500	0.931168	0.075314					-0.010247	0.093766
-1.3000	-0.0500	0.932090	0.080252					-0.042798	0.082298
-1.2000	-0.0500	0.954314	0.079120					-0.008837	0.085683
-1.1000	-0.0500	0.948579	0.081232					-0.087186	0.063484
-1.0000	-0.0500	0.932391	0.076364					-0.045109	0.070343
-1.5000	-0.0750	0.948618	0.013760					-0.070465	0.007941
-1.4000	-0.0750	0.950765	0.013121					-0.069689	0.008070
-1.3000	-0.0750	0.953523	0.012504					-0.069592	0.009741
-1.2000	-0.0750	0.942679	0.012585					-0.067213	0.010862
-1.1000	-0.0750	0.941339	0.013142					-0.068069	0.013112
-1.0000	-0.0750	0.944225	0.016187					-0.067862	0.010992
-1.5000	-0.1000	0.958747	0.011685					-0.067089	0.007625
-1.4000	-0.1000	0.955201	0.012751					-0.066489	0.006517
-1.3000	-0.1000	0.956812	0.010287					-0.064327	0.007048

X/C = 1.02000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.2000	-0.1000	0.948458	0.009630					-0.063221	0.007780
-1.1000	-0.1000	0.952721	0.009615					-0.064066	0.007258
-1.0000	-0.1000	0.950191	0.008805					-0.064392	0.007611
-1.5000	-0.1250	0.957195	0.010823					-0.061745	0.007510
-1.4000	-0.1250	0.958168	0.009807					-0.062551	0.007807
-1.3000	-0.1250	0.951788	0.008518					-0.061557	0.006591
-1.2000	-0.1250	0.958926	0.009494					-0.061616	0.005886
-1.1000	-0.1250	0.960667	0.009165					-0.062288	0.007892
-1.0000	-0.1250	0.952518	0.009216					-0.061329	0.006778
-1.5000	-0.1500	0.958570	0.011210					-0.059360	0.008640
-1.4000	-0.1500	0.961100	0.010910					-0.060670	0.008190
-1.3000	-0.1500	0.959390	0.010950					-0.061150	0.007030
-1.2000	-0.1500	0.958290	0.009910					-0.059380	0.007280
-1.1000	-0.1500	0.957290	0.007930					-0.056080	0.006930
-1.0000	-0.1500	0.960650	0.008310					-0.058670	0.008150

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-2.2000	0.3000	0.990875	0.009957	0.999742	0.009016	0.007246	0.010300	-0.045773	0.009523
-2.0000	0.3000	0.994205	0.010068	0.991853	0.007710	0.013001	0.011402	-0.046549	0.009932
-1.8000	0.3000	0.992636	0.010215	0.996632	0.006994	0.023328	0.012064	-0.044192	0.008172
-1.6000	0.3000	0.996403	0.010468	1.002130	0.006519	0.037190	0.008830	-0.042061	0.011478
-1.4000	0.3000	0.993690	0.008875	1.000119	0.008675	0.047443	0.009263	-0.045375	0.008259
-1.2000	0.3000	0.993201	0.008654	1.000629	0.008466	0.041934	0.008252	-0.049744	0.008419
-1.0000	0.3000	0.998180	0.007077	0.999702	0.008030	0.050519	0.008987	-0.046041	0.009453
-0.8000	0.3000	0.999415	0.007897	1.002450	0.008313	0.055294	0.009960	-0.044028	0.012405
-0.6000	0.3000	0.995001	0.006904	1.000059	0.009865	0.058619	0.010116	-0.049276	0.010943
-0.4000	0.3000	0.991365	0.007531	1.002899	0.008669	0.075736	0.007894	-0.042898	0.009776
-0.2000	0.3000	0.999029	0.007028	0.997658	0.007708	0.101089	0.007877	-0.027894	0.007529
0.0000	0.3000	0.990875	0.007251	0.994519	0.008979	0.106264	0.011621	0.026821	0.011884
0.2000	0.3000	0.982248	0.005807	0.994290	0.008624	0.064159	0.009123	0.068378	0.010119
0.4000	0.3000	0.991105	0.004924	0.996120	0.007407	0.034028	0.007485	0.056762	0.010438
0.6000	0.3000	0.984191	0.005467	1.003420	0.007949	0.020851	0.007651	0.036838	0.010003
0.8000	0.3000	0.986827	0.008092	0.995593	0.007834	-0.002374	0.007159	0.028026	0.006779
1.0000	0.3000	0.985738	0.005466	1.000290	0.007975	-0.004253	0.008043	0.024185	0.011136
-2.2000	0.1000	0.984601	0.008946	0.992751	0.007590	0.003570	0.010968	-0.045589	0.011813
-2.0000	0.1000	0.989375	0.009876	0.992061	0.008415	0.019744	0.011014	-0.050925	0.009738
-1.8000	0.1000	0.984447	0.009619	1.001249	0.008086	0.019780	0.010064	-0.045083	0.009952
-1.6000	0.1000	0.989919	0.009934	0.990655	0.007746	0.043431	0.009903	-0.050108	0.009087
-1.4000	0.1000	0.986763	0.006729	0.987511	0.009285	0.034419	0.008560	-0.051816	0.009018
-1.2000	0.1000	0.989174	0.009152	0.997601	0.007272	0.040852	0.011041	-0.050474	0.008993
-1.0000	0.1000	0.992630	0.004992	0.993203	0.008512	0.046090	0.009194	-0.056577	0.008861
-0.8000	0.1000	0.989456	0.006494	0.991981	0.006986	0.051950	0.008508	-0.051199	0.007521
-0.6000	0.1000	0.994740	0.005212	0.995322	0.008069	0.064957	0.009764	-0.062189	0.008642
-0.4000	0.1000	0.990900	0.005277	1.002250	0.008210	0.074110	0.008433	-0.066784	0.007039
-0.2000	0.1000	1.001069	0.006166	0.999523	0.008263	0.135926	0.011020	-0.111296	0.009280
0.0000	0.1000	0.974443	0.012600	0.975851	0.010545	0.218642	0.020296	0.192445	0.023169
0.2000	0.1000	0.982930	0.006902	0.992401	0.008806	0.044478	0.008715	0.116617	0.008768
0.4000	0.1000	0.984293	0.005460	0.997123	0.006688	0.013757	0.007680	0.074272	0.011146
0.6000	0.1000	0.985490	0.006374	0.992104	0.009323	0.013464	0.009810	0.049448	0.007849
0.8000	0.1000	0.984562	0.004906	0.998182	0.009023	-0.009017	0.010627	0.033390	0.008981
1.0000	0.1000	0.986552	0.004757	1.000010	0.008397	-0.007223	0.011158	0.016038	0.009823
-2.2000	-0.1000	0.899527	0.042165	0.859112	0.032103	0.007778	0.032697	-0.027814	0.034453
-2.0000	-0.1000	0.837316	0.044378	0.905858	0.043634	0.011399	0.044660	-0.043932	0.047227
-1.8000	-0.1000	0.383321	0.038909	0.906350	0.035337	0.035485	0.030561	-0.022322	0.036132

X/C = 1.8000 SEMI-SPAN WING VELOCITY DATA

65

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.6000	-0.1000	0.877995	0.039559	0.886968	0.037971	0.022109	0.030137	-0.027588	0.039805
-1.4000	-0.1000	0.885654	0.035127	0.879615	0.032212	0.036309	0.034952	-0.049729	0.045448
-1.2000	-0.1000	0.871218	0.035777	0.881027	0.035501	0.036132	0.024301	-0.045305	0.039953
-1.0000	-0.1000	0.870341	0.027261	0.886529	0.035732	0.032572	0.033381	-0.046501	0.041434
-0.8000	-0.1000	0.886970	0.035769	0.894668	0.042599	0.040255	0.031342	-0.034918	0.044195
-0.6000	-0.1000	0.886556	0.039646	0.902126	0.033121	0.044713	0.031562	-0.060053	0.044119
-0.4000	-0.1000	0.890274	0.035719	0.903262	0.040053	0.044976	0.034453	-0.062609	0.036551
-0.2000	-0.1000	0.937724	0.033827	0.943899	0.034566	-0.040510	0.037823	-0.059257	0.046487
0.0000	-0.1000	0.983236	0.009155	1.000440	0.009260	-0.148964	0.016871	0.120319	0.007719
0.2000	-0.1000	0.988272	0.007206	0.994786	0.008866	-0.029437	0.011116	0.113587	0.006629
0.4000	-0.1000	0.981935	0.006619	0.993436	0.008982	-0.008826	0.008819	0.069797	0.007419
0.6000	-0.1000	0.989102	0.005811	1.000919	0.008628	0.001626	0.007641	0.039700	0.007527
0.8000	-0.1000	0.987942	0.005085	0.992724	0.008990	-0.012605	0.008734	0.038391	0.007080
1.0000	-0.1000	0.985311	0.004603	0.998884	0.008824	-0.011628	0.008676	0.020750	0.005816
-2.2000	-0.3000	0.981241	0.0089813	0.990090	0.011603	-0.000517	0.011201	-0.039140	0.011385
-2.0000	-0.3000	0.982688	0.011410	0.987054	0.009828	0.001607	0.008832	-0.044034	0.008881
-1.8000	-0.3000	0.977741	0.008196	0.992024	0.009256	-0.001114	0.014014	-0.047740	0.011303
-1.6000	-0.3000	0.977371	0.009482	0.994958	0.008682	0.002124	0.012712	-0.042139	0.010247
-1.4000	-0.3000	0.974965	0.008044	0.991320	0.009058	0.003766	0.010342	-0.047916	0.008352
-1.2000	-0.3000	0.986258	0.008458	0.991437	0.008916	-0.023662	0.011226	-0.046029	0.007713
-1.0000	-0.3000	0.980657	0.007776	0.991939	0.009628	-0.018393	0.010653	-0.048000	0.008676
-0.8000	-0.3000	0.977773	0.008366	0.989874	0.008525	-0.034247	0.012700	-0.045497	0.009537
-0.6000	-0.3000	0.984095	0.007211	0.996560	0.009863	-0.049449	0.009919	-0.052424	0.009702
-0.4000	-0.3000	0.982319	0.008104	0.992045	0.008741	-0.071978	0.009924	-0.038820	0.008431
-0.2000	-0.3000	0.983547	0.006628	0.999978	0.009749	-0.086531	0.011007	-0.015033	0.007964
0.0000	-0.3000	0.985453	0.006755	1.001019	0.007854	-0.081443	0.011221	0.037865	0.009267
0.2000	-0.3000	0.985870	0.006738	1.000219	0.009230	-0.033495	0.011091	0.061644	0.006777
0.4000	-0.3000	0.980969	0.005880	0.997952	0.010855	-0.020709	0.010158	0.051201	0.011811
0.6000	-0.3000	0.987362	0.005822	0.999280	0.009676	-0.006724	0.011975	0.032201	0.008604
0.8000	-0.3000	0.986596	0.005920	0.995344	0.010064	-0.014938	0.010955	0.021513	0.006730
1.0000	-0.3000	0.984498	0.005531	0.999666	0.008892	-0.010618	0.011620	0.017032	0.008449
-2.2000	-0.5000	0.981270	0.011267	0.991108	0.009879	-0.000389	0.010675	-0.034416	0.014194
-2.0000	-0.5000	0.980452	0.013033	0.984673	0.010977	-0.005634	0.013442	-0.037090	0.009395
-1.8000	-0.5000	0.975801	0.009237	0.991275	0.008599	-0.007395	0.013322	-0.036157	0.009643
-1.6000	-0.5000	0.981735	0.008512	0.984576	0.010494	0.000445	0.009114	-0.037376	0.012239
-1.4000	-0.5000	0.979052	0.008653	0.989083	0.011195	-0.007314	0.009475	-0.038365	0.010373
-1.2000	-0.5000	0.979626	0.007576	0.993194	0.009936	-0.021375	0.016017	-0.040566	0.010834
-1.0000	-0.5000	0.977773	0.006258	0.989339	0.010926	-0.025339	0.010736	-0.040771	0.010301

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.8000	-0.5000	0.982660	0.008488	0.989677	0.010199	-0.031378	0.011651	-0.038731	0.009350
-0.6000	-0.5000	0.979564	0.008296	0.998567	0.010386	-0.043888	0.009155	-0.028092	0.009326
-0.4000	-0.5000	0.982785	0.007119	0.994550	0.010243	-0.057505	0.011136	-0.013894	0.007853
-0.2000	-0.5000	0.987980	0.006449	0.991296	0.009698	-0.063263	0.013005	0.002047	0.007811
0.0000	-0.5000	0.982383	0.006107	0.993532	0.009472	-0.050331	0.012909	0.014633	0.010475
0.2000	-0.5000	0.982178	0.005533	0.990620	0.008290	-0.040210	0.012829	0.031887	0.007533
0.4000	-0.5000	0.984084	0.004319	0.992005	0.011651	-0.031166	0.011011	0.037976	0.007031
0.6000	-0.5000	0.984075	0.006083	0.992921	0.011271	-0.014185	0.013117	0.030341	0.006988
0.8000	-0.5000	0.984017	0.006651	0.999811	0.009441	-0.013248	0.012231	0.017548	0.007838
1.0000	-0.5000	0.982683	0.005568	0.999821	0.010250	-0.025407	0.010710	0.010853	0.007987

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.5000	0.3000	0.993165	0.008090	0.995909	0.007980	0.069729	0.008283	-0.046258	0.007624
-0.4000	0.3000	0.991894	0.007480	0.993236	0.006994	0.068912	0.010760	-0.047622	0.010859
-0.3000	0.3000	0.992306	0.008726	0.995159	0.007552	0.093362	0.010906	-0.040804	0.009167
-0.2000	0.3000	0.994148	0.007455	0.991885	0.008459	0.103210	0.014034	-0.034265	0.008236
-0.1000	0.3000	0.996175	0.007587	0.998830	0.008329	0.113204	0.010044	-0.005744	0.011229
-0.0000	0.3000	0.989497	0.006776	0.999941	0.009237	0.109287	0.007621	0.040386	0.010525
0.1000	0.3000	0.988517	0.008055	0.993947	0.007934	0.092543	0.006295	0.062278	0.009105
0.2000	0.3000	0.988639	0.006643	0.995216	0.007974	0.054906	0.011704	0.068603	0.011198
0.3000	0.3000	0.990679	0.006193	0.994247	0.006550	0.042165	0.009459	0.068205	0.011281
0.4000	0.3000	0.986242	0.006160	0.998032	0.009776	0.031514	0.008596	0.060347	0.008650
0.5000	0.3000	0.990194	0.006029	1.003209	0.010808	0.029033	0.008390	0.042168	0.009466
-0.5000	0.2000	0.992095	0.006607	1.000879	0.006702	0.067090	0.008880	-0.048754	0.008613
-0.4000	0.2000	0.995509	0.005324	0.997109	0.008731	0.060872	0.008226	-0.055234	0.009164
-0.3000	0.2000	0.992264	0.005394	0.998233	0.008447	0.095100	0.007193	-0.059286	0.007996
-0.2000	0.2000	0.992581	0.006364	0.998442	0.007112	0.119943	0.014954	-0.059578	0.010960
-0.1000	0.2000	0.991771	0.006540	0.990723	0.008625	0.153838	0.010661	-0.026032	0.008840
-0.0000	0.2000	0.984957	0.006253	0.984034	0.008204	0.160951	0.006523	0.054324	0.010410
0.1000	0.2000	0.984920	0.006900	0.987397	0.009539	0.101024	0.007658	0.091828	0.011789
0.2000	0.2000	0.984873	0.004802	0.995542	0.008644	0.062334	0.009026	0.087956	0.012344
0.3000	0.2000	0.991710	0.006636	0.991139	0.008538	0.037740	0.009402	0.073048	0.007811
0.4000	0.2000	0.986968	0.005524	0.997505	0.010386	0.031050	0.009020	0.067530	0.008137
0.5000	0.2000	0.984127	0.006793	0.999856	0.008244	0.030303	0.009583	0.055188	0.008840
-0.5000	0.1000	0.994904	0.005807	1.000529	0.007753	0.061997	0.009250	-0.061103	0.010821
-0.4000	0.1000	0.986534	0.005579	0.995611	0.007112	0.077341	0.009558	-0.065846	0.006689
-0.3000	0.1000	0.999813	0.006707	0.999360	0.007556	0.088454	0.009165	-0.075456	0.006776
-0.2000	0.1000	0.997153	0.006732	0.995530	0.007283	0.133812	0.012124	-0.110312	0.010025
-0.1000	0.1000	0.985949	0.030889	0.970722	0.026443	0.270395	0.046076	-0.145792	0.029209
-0.0000	0.1000	0.966447	0.015129	0.973676	0.009757	0.220521	0.014476	0.173275	0.037789
0.1000	0.1000	0.977269	0.008533	0.991211	0.009217	0.078426	0.008104	0.167027	0.015012
0.2000	0.1000	0.979264	0.007117	0.994684	0.008682	0.042574	0.011142	0.122774	0.012992
0.3000	0.1000	0.985137	0.007357	0.996490	0.008527	0.026037	0.010034	0.093322	0.012949
0.4000	0.1000	0.989120	0.006244	1.001590	0.008317	0.014470	0.009586	0.075938	0.008558
0.5000	0.1000	0.985905	0.005942	0.997305	0.006532	0.012871	0.010122	0.059033	0.006724
-0.5000	0.0000	0.986301	0.008130	0.993182	0.008073	0.060986	0.007030	-0.064348	0.007480
-0.4000	0.0000	0.990138	0.008011	1.001069	0.007869	0.065194	0.012134	-0.067037	0.008069
-0.3000	0.0000	0.994082	0.006691	1.004910	0.008009	0.060407	0.007166	-0.078405	0.008067
-0.2000	0.0000	0.998873	0.007768	1.009379	0.009463	0.027576	0.012237	-0.119335	0.009271

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.0000	0.990362	0.027193	1.004270	0.030413	-0.181616	0.055619	-0.312439	0.043454
-0.0000	0.0000	0.990325	0.015142	0.999456	0.016858	-0.069409	0.031149	0.340238	0.021087
0.1000	0.0000	0.977112	0.006960	0.995896	0.009010	-0.003530	0.010407	0.203353	0.012067
0.2000	0.0000	0.981821	0.007804	0.993921	0.008845	0.000707	0.007983	0.134307	0.009349
0.3000	0.0000	0.986087	0.005613	0.999247	0.007302	-0.004229	0.007591	0.097584	0.009577
0.4000	0.0000	0.981537	0.006788	0.997466	0.008332	0.003951	0.008611	0.075027	0.011266
0.5000	0.0000	0.983520	0.006425	0.997442	0.009203	0.001164	0.008159	0.065682	0.011442
-0.5000	-0.1000	0.905795	0.039048	0.904499	0.041693	0.033083	0.039139	-0.044959	0.042219
-0.4000	-0.1000	0.894212	0.039937	0.896599	0.038265	0.025125	0.038759	-0.050407	0.043195
-0.3000	-0.1000	0.904909	0.039900	0.924665	0.038351	0.009096	0.042125	-0.057176	0.040406
-0.2000	-0.1000	0.916170	0.041624	0.946182	0.038658	-0.048423	0.039125	-0.059507	0.041250
-0.1000	-0.1000	0.926878	0.033104	0.985209	0.025778	-0.193299	0.024050	-0.016155	0.040915
-0.0000	-0.1000	0.973371	0.008112	1.000159	0.009046	-0.156412	0.012163	0.106303	0.007509
0.1000	-0.1000	0.985519	0.006591	0.992250	0.008508	-0.062501	0.016074	0.138924	0.007772
0.2000	-0.1000	0.992823	0.007136	0.993815	0.010053	-0.035749	0.011801	0.106545	0.010309
0.3000	-0.1000	0.985586	0.005980	0.996234	0.008535	-0.019548	0.007451	0.086036	0.008303
0.4000	-0.1000	0.982640	0.006039	0.998137	0.008802	-0.009354	0.010183	0.076780	0.009943
0.5000	-0.1000	0.989512	0.008353	0.996986	0.007588	-0.003453	0.008354	0.051936	0.007664
-0.5000	-0.2000	0.979564	0.006937	0.992956	0.009313	-0.072931	0.014234	-0.054893	0.008104
-0.4000	-0.2000	0.980380	0.006602	0.997481	0.008846	-0.084199	0.009777	-0.052916	0.006828
-0.3000	-0.2000	0.982968	0.007994	0.997263	0.007368	-0.098398	0.009304	-0.039113	0.007516
-0.2000	-0.2000	0.992762	0.007394	1.004919	0.011996	-0.119591	0.012044	-0.024243	0.008215
-0.1000	-0.2000	0.991808	0.008160	1.002600	0.009191	-0.135135	0.010623	0.015379	0.008858
-0.0000	-0.2000	0.985899	0.006068	1.000879	0.008382	-0.105410	0.011544	0.062045	0.005963
0.1000	-0.2000	0.982383	0.006855	0.998488	0.010543	-0.071277	0.010615	0.077750	0.010527
0.2000	-0.2000	0.982100	0.009495	0.995594	0.008917	-0.039146	0.008770	0.086107	0.008151
0.3000	-0.2000	0.984822	0.005960	0.993763	0.009201	-0.030940	0.009860	0.072274	0.011061
0.4000	-0.2000	0.982192	0.006921	0.993348	0.006996	-0.021261	0.010468	0.058253	0.010240
0.5000	-0.2000	0.980328	0.005778	0.998110	0.008550	-0.005705	0.013752	0.043935	0.008095
-0.5000	-0.3000	0.979461	0.007034	0.993179	0.008719	-0.055951	0.011686	-0.051785	0.009187
-0.4000	-0.3000	0.981062	0.007021	0.996330	0.008525	-0.070654	0.009124	-0.043966	0.006657
-0.3000	-0.3000	0.982201	0.006828	0.999470	0.006348	-0.076902	0.011517	-0.030848	0.008043
-0.2000	-0.3000	0.987626	0.006215	1.000030	0.011243	-0.091749	0.009606	-0.005208	0.007728
-0.1000	-0.3000	0.980608	0.007046	0.994244	0.010051	-0.091453	0.009404	0.008198	0.009468
-0.0000	-0.3000	0.988545	0.007254	0.997001	0.010179	-0.085038	0.012157	0.037007	0.008324
0.1000	-0.3000	0.978022	0.005554	0.995124	0.010327	-0.066637	0.008902	0.053336	0.009697
0.2000	-0.3000	0.982220	0.006019	0.994334	0.011123	-0.040386	0.010103	0.062083	0.009782
0.3000	-0.3000	0.984465	0.006380	0.996048	0.010223	-0.041549	0.010968	0.051797	0.011296

80

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
0.4000	-0.3000	0.983475	0.005326	0.999277	0.009944	-0.034490	0.009084	0.047058	0.008126
0.5000	-0.3000	0.984601	0.006454	0.997462	0.008309	-0.020642	0.010115	0.036463	0.009071

X/C = 1.8000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2800	0.1500	1.003429	0.006874	0.997424	0.007559	0.104343	0.009054	-0.074581	0.008514
-0.2300	0.1500	1.002290	0.007186	0.999003	0.007666	0.112504	0.010098	-0.080046	0.009029
-0.1800	0.1500	0.996421	0.008106	0.998980	0.008284	0.154023	0.018801	-0.081930	0.006152
-0.1300	0.1500	0.997581	0.008056	0.988021	0.010306	0.191443	0.012098	-0.079319	0.009283
-0.0800	0.1500	1.003150	0.006884	0.990526	0.009153	0.216162	0.024196	-0.046657	0.011716
-0.0300	0.1500	0.995461	0.010011	0.989534	0.008174	0.195593	0.016452	0.031057	0.020788
0.0200	0.1500	0.989586	0.008614	0.933527	0.007599	0.156334	0.009940	0.113181	0.013818
0.0700	0.1500	0.996253	0.007828	0.983694	0.008219	0.119474	0.006926	0.140596	0.016955
0.1200	0.1500	0.993079	0.005838	0.989538	0.008016	0.085967	0.007278	0.139721	0.010136
-0.2800	0.1000	1.005619	0.006191	0.995539	0.009780	0.094462	0.011764	-0.085269	0.009454
-0.2300	0.1000	1.004230	0.006275	1.006129	0.008047	0.109022	0.013076	-0.101269	0.007056
-0.1800	0.1000	1.007130	0.006406	0.999162	0.008233	0.153768	0.012031	-0.126740	0.008520
-0.1300	0.1000	1.012699	0.010164	0.986563	0.018105	0.203065	0.023351	-0.154668	0.014261
-0.0800	0.1000	0.986279	0.026767	0.956788	0.025811	0.357600	0.037771	-0.144876	0.035856
-0.0300	0.1000	0.967450	0.023744	0.960606	0.022956	0.353796	0.052999	0.081021	0.026178
0.0200	0.1000	0.985013	0.010943	0.982194	0.008540	0.174965	0.007978	0.207760	0.026605
0.0700	0.1000	0.985043	0.006745	0.982831	0.009568	0.102483	0.006861	0.189779	0.017480
0.1200	0.1000	0.990732	0.006646	0.986391	0.006974	0.069928	0.008142	0.144634	0.014165
-0.2800	0.0500	1.002560	0.006878	0.999225	0.009987	0.073474	0.009156	-0.093288	0.009120
-0.2300	0.0500	1.005540	0.006438	1.005170	0.008702	0.089441	0.008025	-0.110182	0.008021
-0.1800	0.0500	1.010779	0.008506	1.004379	0.009753	0.110740	0.013309	-0.159632	0.011353
-0.1300	0.0500	1.008969	0.025302	0.962398	0.039325	0.212013	0.056765	-0.241150	0.028399
-0.0800	0.0500	1.019830	0.024043	0.989190	0.041208	0.414363	0.044767	-0.399019	0.049818
-0.0300	0.0500	0.983458	0.049417	0.967979	0.028905	0.222264	0.044208	0.314526	0.138727
0.0200	0.0500	0.973638	0.012628	0.975647	0.018580	0.092027	0.029163	0.382360	0.029662
0.0700	0.0500	0.974982	0.008956	0.993266	0.008384	0.058044	0.010357	0.245952	0.018025
0.1200	0.0500	0.994294	0.007327	0.996865	0.009678	0.043356	0.007746	0.190859	0.022154
-0.2800	-0.0000	1.005759	0.007685	1.007529	0.008401	0.055020	0.009267	-0.090425	0.006164
-0.2300	-0.0000	1.005549	0.007355	1.008679	0.009995	0.039759	0.010399	-0.102037	0.006623
-0.1800	-0.0000	1.001849	0.006384	1.004069	0.009453	0.017417	0.016182	-0.143206	0.012128
-0.1300	-0.0000	1.006820	0.008501	0.995339	0.030679	-0.017973	0.051914	-0.221327	0.027705
-0.0800	-0.0000	0.995584	0.026878	0.998160	0.040246	-0.337667	0.052318	-0.312896	0.048901
-0.0300	-0.0000	0.987414	0.030182	1.002979	0.020804	-0.191668	0.059855	0.295870	0.104126
0.0200	-0.0000	1.002749	0.014180	0.986630	0.023298	-0.061644	0.033283	0.307195	0.019016
0.0700	-0.0000	0.984111	0.011045	1.000700	0.009672	-0.013295	0.016341	0.245355	0.013269
0.1200	-0.0000	0.989592	0.006181	0.993911	0.010255	0.000359	0.011413	0.192865	0.009816
-0.2800	-0.0500	1.000380	0.007659	1.001300	0.009014	0.038855	0.009428	-0.080233	0.008191

70

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2300	-0.0500	1.002239	0.008443	1.008840	0.008690	0.009318	0.008536	-0.083231	0.009057
-0.1800	-0.0500	1.009850	0.007363	1.013860	0.008561	-0.038645	0.010535	-0.104755	0.009918
-0.1300	-0.0500	1.012050	0.006914	1.023930	0.009212	-0.148063	0.013549	-0.115760	0.010436
-0.0800	-0.0500	1.011439	0.007377	1.019509	0.010770	-0.250779	0.012339	-0.091641	0.018156
-0.0300	-0.0500	1.011270	0.009851	1.006849	0.023130	-0.206389	0.018844	0.084115	0.028568
0.0200	-0.0500	0.973145	0.025404	1.001260	0.009096	-0.117292	0.019444	0.198571	0.027192
0.0700	-0.0500	0.985643	0.006042	0.992498	0.007288	-0.050879	0.013238	0.194952	0.007717
0.1200	-0.0500	0.993267	0.006500	0.996099	0.009323	-0.036897	0.013565	0.165275	0.008264
-0.2800	-0.1000	0.939133	0.034460	0.914257	0.044119	0.008287	0.040010	-0.085026	0.033799
-0.2300	-0.1000	0.934122	0.036047	0.927506	0.037337	-0.037447	0.052042	-0.091731	0.029412
-0.1800	-0.1000	0.926782	0.037489	0.946211	0.039642	-0.083555	0.035180	-0.070422	0.034758
-0.1300	-0.1000	0.948483	0.038742	0.963385	0.033092	-0.137269	0.030299	-0.041870	0.046046
-0.0800	-0.1000	0.943802	0.034863	0.939291	0.024773	-0.193116	0.022348	0.040127	0.027171
-0.0300	-0.1000	0.981005	0.016549	1.000999	0.009471	-0.185276	0.022523	0.082449	0.020060
0.0200	-0.1000	0.988421	0.007954	1.000719	0.008999	-0.121569	0.010850	0.133598	0.007177
0.0700	-0.1000	0.982931	0.009046	0.994884	0.008143	-0.078183	0.009451	0.143630	0.005862
0.1200	-0.1000	0.987504	0.005642	0.996979	0.006774	-0.050627	0.010829	0.134071	0.006532
-0.2800	-0.1500	0.989208	0.009640	1.006700	0.009207	-0.110457	0.009744	-0.044009	0.010491
-0.2300	-0.1500	0.994341	0.009733	0.999820	0.008361	-0.132570	0.011202	-0.041002	0.010266
-0.1800	-0.1500	0.996517	0.008369	1.001900	0.009936	-0.140524	0.011507	-0.028196	0.010496
-0.1300	-0.1500	0.994102	0.006900	1.000429	0.010326	-0.148824	0.011798	-0.012505	0.008798
-0.0800	-0.1500	0.994301	0.006359	0.998802	0.008034	-0.163196	0.009362	0.018057	0.008266
-0.0300	-0.1500	0.990563	0.006816	1.005440	0.009547	-0.140566	0.011446	0.066112	0.007280
0.0200	-0.1500	0.984058	0.008842	0.998112	0.008054	-0.109256	0.017373	0.087006	0.007961
0.0700	-0.1500	0.988190	0.006648	0.997934	0.009241	-0.085413	0.011888	0.109568	0.008377
0.1200	-0.1500	0.989987	0.006082	0.992834	0.011346	-0.053076	0.012302	0.098337	0.006540

71

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (ft)	STD DEV	U (ft)	STD DEV	V	STD DEV	W	STD DEV
-0.1800	0.1000	1.002419	0.006973	0.995969	0.009052	0.163340	0.010634	-0.125611	0.008725
-0.1550	0.1000	1.006840	0.007068	1.004800	0.010860	0.186238	0.017616	-0.143895	0.008690
-0.1300	0.1000	1.010389	0.007585	0.996459	0.023828	0.204669	0.024738	-0.145458	0.014319
-0.1050	0.1000	0.976570	0.037028	0.945144	0.026463	0.299498	0.049423	-0.157358	0.037705
-0.0800	0.1000	0.946963	0.030977	0.947362	0.030024	0.336809	0.038575	-0.164106	0.044286
-0.0550	0.1000	0.980277	0.021509	0.965734	0.017444	0.342441	0.032351	-0.048992	0.034289
-0.0300	0.1000	0.972473	0.024486	0.968864	0.015454	0.289184	0.024741	0.070624	0.049434
-0.0050	0.1000	0.977447	0.013938	0.971666	0.011652	0.248052	0.018923	0.165914	0.028782
0.0200	0.1000	0.973944	0.012563	0.978983	0.008623	0.166130	0.007049	0.234744	0.016331
-0.1800	0.0750	1.005389	0.007232	0.995785	0.008164	0.138461	0.011227	-0.130808	0.009313
-0.1550	0.0750	1.005679	0.006926	0.997932	0.024402	0.178600	0.029374	-0.162960	0.017893
-0.1300	0.0750	1.007170	0.014134	0.970005	0.038935	0.206440	0.043741	-0.181157	0.017216
-0.1050	0.0750	0.970552	0.041286	0.960110	0.029661	0.377924	0.047830	-0.208259	0.044934
-0.0800	0.0750	0.991886	0.025655	0.976263	0.021332	0.433064	0.027027	-0.302491	0.043856
-0.0550	0.0750	0.986407	0.031765	0.942822	0.026442	0.441339	0.029605	-0.166228	0.077361
-0.0300	0.0750	0.968310	0.034584	0.956622	0.022852	0.301402	0.025260	0.139094	0.083706
-0.0050	0.0750	0.933208	0.028097	0.953737	0.023713	0.234748	0.023153	0.322486	0.061927
0.0200	0.0750	0.954675	0.023712	0.978897	0.015437	0.152027	0.015301	0.332012	0.035734
-0.1800	0.0500	1.012489	0.006795	1.002879	0.009494	0.101683	0.011536	-0.143318	0.012815
-0.1550	0.0500	1.011459	0.006160	0.985826	0.026446	0.142385	0.029409	-0.195474	0.012908
-0.1300	0.0500	1.008490	0.016344	0.964279	0.039376	0.227738	0.048547	-0.221097	0.022203
-0.1050	0.0500	0.993000	0.028844	1.003659	0.029146	0.222502	0.051983	-0.300629	0.053389
-0.0800	0.0500	1.008479	0.027284	0.990709	0.045019	0.414597	0.043594	-0.385435	0.033831
-0.0550	0.0500	1.019950	0.046369	0.951911	0.034950	0.396752	0.051677	-0.249903	0.065523
-0.0300	0.0500	0.988105	0.035871	0.973180	0.023524	0.200418	0.035888	-0.014144	0.102292
-0.0050	0.0500	0.952792	0.029677	0.978263	0.019141	0.132491	0.038928	0.435068	0.032943
0.0200	0.0500	0.974928	0.017989	0.981540	0.019532	0.113990	0.023654	0.376857	0.039924
-0.1800	0.0250	1.002549	0.006727	1.006769	0.008507	0.073690	0.014387	-0.142007	0.010155
-0.1550	0.0250	1.007930	0.006726	0.999995	0.018906	0.086226	0.026132	-0.172394	0.015621
-0.1300	0.0250	1.015949	0.009200	0.985779	0.029456	0.101394	0.053669	-0.231942	0.017534
-0.1050	0.0250	0.993586	0.025281	0.986433	0.032342	0.082306	0.056826	-0.312653	0.045324
-0.0800	0.0250	1.009680	0.028993	1.006300	0.045485	0.023443	0.094616	-0.386187	0.052229
-0.0550	0.0250	1.045090	0.046273	1.026400	0.050771	0.104990	0.128525	-0.211716	0.128927
-0.0300	0.0250	1.024509	0.046625	0.991242	0.019326	0.050904	0.054860	0.312353	0.095907
-0.0050	0.0250	0.963987	0.031060	0.986690	0.020060	0.026680	0.039175	0.447590	0.034676
0.0200	0.0250	0.983013	0.016517	0.980799	0.015836	0.025952	0.033095	0.362722	0.032958
-0.1800	-0.0000	1.011800	0.006784	1.011800	0.011893	0.017297	0.014645	-0.139674	0.006758

72

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1550	-0.0000	1.009089	0.006680	1.007870	0.019680	-0.048388	0.026741	-0.174374	0.015693
-0.1300	-0.0000	1.012030	0.008923	0.996688	0.027183	-0.065778	0.045181	-0.230829	0.025885
-0.1050	-0.0000	1.001349	0.027931	0.996653	0.037783	-0.209229	0.063179	-0.287198	0.036571
-0.0800	-0.0000	0.991802	0.028282	1.011109	0.043179	-0.294025	0.061888	-0.328331	0.045901
-0.0550	-0.0000	0.986237	0.045540	0.987884	0.025948	-0.356882	0.075470	-0.011169	0.095101
-0.0300	-0.0000	0.977767	0.029426	1.018089	0.015044	-0.250707	0.048401	0.220709	0.080837
-0.0050	-0.0000	0.952082	0.026348	0.999911	0.015025	-0.086142	0.035874	0.360028	0.029197
0.0200	-0.0000	0.993971	0.018821	0.981522	0.022485	-0.048391	0.037636	0.297236	0.019618
-0.1800	-0.0250	1.008719	0.006381	1.010790	0.009863	-0.032069	0.015122	-0.123189	0.013374
-0.1550	-0.0250	1.014469	0.006349	1.016820	0.011253	-0.085906	0.019054	-0.152845	0.013547
-0.1300	-0.0250	1.020089	0.006480	1.012910	0.013539	-0.149844	0.020283	-0.182330	0.015243
-0.1050	-0.0250	1.012710	0.009247	1.008989	0.026975	-0.278659	0.042218	-0.175256	0.014688
-0.0800	-0.0250	1.008180	0.018060	0.994419	0.030056	-0.384247	0.026063	-0.149847	0.030457
-0.0550	-0.0250	1.010659	0.020199	1.026790	0.011370	-0.357945	0.032736	-0.021813	0.042662
-0.0300	-0.0250	1.020220	0.010550	1.018550	0.014729	-0.212985	0.027230	0.144765	0.032491
-0.0050	-0.0250	1.005170	0.010859	1.000540	0.015634	-0.117853	0.030393	0.230526	0.017848
0.0200	-0.0250	1.002939	0.015958	0.987054	0.016503	-0.089726	0.031373	0.229077	0.021381
-0.1800	-0.0500	1.004089	0.009118	1.008369	0.010821	-0.036355	0.008740	-0.106710	0.008574
-0.1550	-0.0500	1.009729	0.007584	1.013929	0.009530	-0.084854	0.012404	-0.110020	0.010118
-0.1300	-0.0500	1.009609	0.008137	1.018240	0.011519	-0.158765	0.015717	-0.124051	0.011664
-0.1050	-0.0500	1.012059	0.007114	1.017830	0.009922	-0.204821	0.015503	-0.111200	0.013128
-0.0800	-0.0500	1.004049	0.007294	1.016109	0.009615	-0.248438	0.016170	-0.086307	0.021402
-0.0550	-0.0500	1.011869	0.007466	1.014629	0.012390	-0.248471	0.018943	0.026015	0.018374
-0.0300	-0.0500	1.007039	0.011652	0.995135	0.019036	-0.197531	0.030948	0.099724	0.029847
-0.0050	-0.0500	0.996047	0.015946	0.984842	0.022578	-0.154503	0.027740	0.156948	0.031444
0.0200	-0.0500	0.963221	0.024790	0.998830	0.010001	-0.117505	0.012311	0.204366	0.024812
-0.1800	-0.0750	1.003730	0.016693	1.009029	0.013103	-0.044904	0.013776	-0.076012	0.025649
-0.1550	-0.0750	1.004780	0.013949	1.011640	0.015438	-0.088246	0.012414	-0.083771	0.016834
-0.1300	-0.0750	1.003980	0.011911	1.011180	0.014077	-0.118614	0.011861	-0.076929	0.016521
-0.1050	-0.0750	1.006689	0.015549	1.010010	0.019170	-0.165347	0.017498	-0.064802	0.016318
-0.0800	-0.0750	1.011740	0.015473	0.998124	0.026835	-0.190151	0.019116	-0.037474	0.023656
-0.0550	-0.0750	1.004339	0.020434	0.986721	0.023304	-0.190636	0.020901	0.014202	0.034562
-0.0300	-0.0750	0.981804	0.028828	0.993659	0.020272	-0.198581	0.022815	0.059159	0.027262
-0.0050	-0.0750	0.970478	0.026580	0.999495	0.014204	-0.169135	0.019003	0.146462	0.024544
0.0200	-0.0750	0.983015	0.013248	1.002259	0.009629	-0.133032	0.016502	0.164471	0.010665

73

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0430	0.2000	0.993580	0.006984	0.988399	0.006735	0.164385	0.021918	0.022001	0.008525
-0.0420	0.2000	0.995322	0.006672	0.985772	0.007631	0.160538	0.011907	0.028105	0.011719
-0.0430	0.1867	0.999044	0.007753	0.987554	0.008473	0.177589	0.012688	0.026237	0.011157
-0.0420	0.1867	0.990324	0.007714	0.986898	0.007724	0.171574	0.013615	0.014658	0.009930
-0.0430	0.1733	0.995904	0.006460	0.988205	0.010101	0.181031	0.014579	0.018906	0.013842
-0.0420	0.1733	0.987919	0.009272	0.983157	0.007158	0.201840	0.021882	0.019559	0.013079
-0.0430	0.1600	1.002480	0.008827	0.984264	0.007418	0.211477	0.016005	0.023465	0.012784
-0.0420	0.1600	0.997289	0.008498	0.985495	0.007713	0.200079	0.013999	0.025733	0.016214
-0.0430	0.1467	0.988874	0.009803	0.982354	0.007855	0.232457	0.016901	0.024769	0.023839
-0.0420	0.1467	0.998934	0.012839	0.984636	0.009433	0.208740	0.014143	0.003213	0.011592
-0.0430	0.1333	0.987439	0.018379	0.986290	0.006458	0.219466	0.013120	0.006356	0.024906
-0.0420	0.1333	0.985756	0.014974	0.982592	0.009282	0.222853	0.015738	0.009377	0.021172
-0.0430	0.1200	0.975421	0.018706	0.976301	0.012858	0.248896	0.021462	0.030114	0.041985
-0.0420	0.1200	0.980789	0.020710	0.970980	0.013205	0.258635	0.019338	0.011612	0.030811
-0.0430	0.1067	0.981096	0.017987	0.963790	0.014257	0.315800	0.031211	0.007084	0.046101
-0.0420	0.1067	0.993453	0.020245	0.975456	0.013700	0.268415	0.020127	-0.021182	0.040488
-0.0430	0.0933	0.982805	0.027982	0.965338	0.018430	0.313109	0.034118	0.010534	0.057039
-0.0420	0.0933	0.984523	0.024598	0.972460	0.015603	0.308485	0.025243	-0.009956	0.070901
-0.0430	0.0800	0.969939	0.031031	0.959859	0.020614	0.323244	0.021833	-0.043502	0.106495
-0.0420	0.0800	0.960221	0.038282	0.949572	0.033735	0.388742	0.044303	0.066375	0.105392
-0.0430	0.0667	0.988599	0.032985	0.942678	0.023638	0.361077	0.043183	0.058623	0.131147
-0.0420	0.0667	0.994524	0.040248	0.950243	0.027708	0.348531	0.051447	-0.123683	0.116813
-0.0430	0.0533	1.000190	0.042603	0.951645	0.029765	0.367637	0.040800	-0.102191	0.124221
-0.0420	0.0533	1.016299	0.053903	0.965877	0.026335	0.310147	0.059597	-0.000548	0.143842
-0.0430	0.0400	1.062710	0.055790	0.973213	0.037981	0.229155	0.078459	-0.182965	0.077089
-0.0420	0.0400	1.064489	0.051019	0.978275	0.025315	0.229168	0.076554	-0.159878	0.078983
-0.0430	0.0267	1.066380	0.050006	0.989077	0.037900	-0.058996	0.113285	-0.049056	0.129026
-0.0420	0.0267	1.064340	0.046149	0.981218	0.033421	0.104934	0.099014	-0.028325	0.155428
-0.0430	0.0133	1.002029	0.040330	0.989712	0.024860	-0.204364	0.077664	0.115930	0.138834
-0.0420	0.0133	1.032780	0.039890	0.992034	0.038203	-0.104698	0.090246	-0.032181	0.129360
-0.0430	0.0000	0.985686	0.033730	0.993538	0.026228	-0.231535	0.074876	0.077755	0.116447
-0.0420	0.0000	0.992500	0.034570	0.996602	0.027044	-0.260743	0.055287	-0.017855	0.091089
-0.0430	-0.0133	0.979685	0.026652	1.018109	0.014951	-0.319031	0.042311	0.132874	0.090446
-0.0420	-0.0133	0.974246	0.030701	1.017409	0.016463	-0.260495	0.055099	0.160026	0.058457
-0.0430	-0.0267	1.013599	0.013827	1.019520	0.010715	-0.282344	0.023480	0.068690	0.040649
-0.0420	-0.0267	1.011920	0.013471	1.020720	0.010251	-0.289247	0.036732	0.062912	0.036111
-0.0430	-0.0400	1.009620	0.010027	1.015409	0.014164	-0.232813	0.016200	0.060619	0.022750

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

E

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0420	-0.0400	1.017429	0.006848	1.018499	0.010223	-0.242363	0.029405	0.071823	0.029176
-0.0430	-0.0533	1.008960	0.008826	1.008909	0.017200	-0.217212	0.020351	0.054412	0.020712
-0.0420	-0.0533	1.013309	0.009943	1.000290	0.024705	-0.211283	0.021122	0.047981	0.021199
-0.0430	-0.0667	0.999489	0.018602	0.979700	0.030678	-0.206727	0.020835	0.051057	0.023815
-0.0420	-0.0667	1.001450	0.017445	0.971937	0.026287	-0.188329	0.026931	0.038295	0.025210
-0.0430	-0.0800	0.982186	0.031246	0.979662	0.026547	-0.195028	0.025288	0.049335	0.048488
-0.0420	-0.0800	0.967359	0.032168	0.982368	0.027376	-0.195105	0.023028	0.095477	0.034688
-0.0430	-0.0933	0.953811	0.033073	0.999274	0.013942	-0.183934	0.016585	0.075037	0.028321
-0.0420	-0.0933	0.981594	0.023412	0.995751	0.013907	-0.187853	0.018555	0.086633	0.024551
-0.0430	-0.1067	0.992192	0.016943	1.004299	0.007450	-0.171074	0.017345	0.066291	0.019261
-0.0420	-0.1067	0.991110	0.019569	1.005010	0.006490	-0.173735	0.009841	0.070793	0.013240
-0.0430	-0.1200	0.993114	0.008094	1.002520	0.007692	-0.161170	0.015058	0.063546	0.009177
-0.0420	-0.1200	0.995403	0.008406	1.000850	0.008172	-0.173955	0.012211	0.059937	0.010375
-0.0430	-0.1333	0.998186	0.007565	1.003590	0.008391	-0.156604	0.009818	0.059541	0.009977
-0.0420	-0.1333	0.988115	0.008932	1.004120	0.006764	-0.152890	0.014095	0.048121	0.008764
-0.0430	-0.1467	0.992312	0.006658	0.997417	0.007005	-0.154908	0.008763	0.053007	0.008577
-0.0420	-0.1467	0.993282	0.007262	0.999129	0.007496	-0.147125	0.011508	0.054163	0.008029
-0.0430	-0.1600	0.993755	0.005357	1.000369	0.006677	-0.147288	0.010429	0.050310	0.007396
-0.0420	-0.1600	0.991838	0.006602	1.003050	0.007022	-0.132147	0.009807	0.039758	0.007149
-0.0430	-0.1733	0.994690	0.006420	0.999407	0.006088	-0.130827	0.010382	0.043964	0.009848
-0.0420	-0.1733	0.992023	0.006280	1.002080	0.007687	-0.133265	0.017045	0.047285	0.009023
-0.0430	-0.1867	0.989840	0.005771	1.001269	0.006732	-0.122503	0.009675	0.044186	0.005785
-0.0420	-0.1867	0.985579	0.005909	1.004430	0.008185	-0.124518	0.011096	0.046582	0.008096
-0.0430	-0.2000	0.995448	0.006914	0.995562	0.007163	-0.123306	0.009837	0.040263	0.009275
-0.0420	-0.2000	0.995908	0.007072	1.001719	0.007253	-0.114197	0.011203	0.040464	0.006285

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0550	0.3000	1.007930	0.008949	0.992691	0.008508	0.124006	0.007925	0.007470	0.008851
-0.0450	0.3000	1.006929	0.008059	0.993732	0.007233	0.116176	0.008561	0.009598	0.007316
-0.0550	0.2800	1.009179	0.008103	0.993169	0.007511	0.124963	0.011143	0.007038	0.007446
-0.0450	0.2800	1.009500	0.006547	0.995505	0.007157	0.127099	0.008190	0.013938	0.007553
-0.0550	0.2600	1.004680	0.007798	0.993828	0.008402	0.118267	0.009626	0.009426	0.006913
-0.0450	0.2600	1.007890	0.006908	0.992824	0.007474	0.134459	0.010611	0.010830	0.008523
-0.0550	0.2400	1.009780	0.007443	0.993380	0.006662	0.117503	0.012253	0.001579	0.009002
-0.0450	0.2400	1.010469	0.006791	0.990743	0.007910	0.145178	0.007379	0.012118	0.007634
-0.0550	0.2200	1.010320	0.006482	0.995942	0.008277	0.153314	0.008597	0.006161	0.009682
-0.0450	0.2200	1.011430	0.007208	0.991841	0.006013	0.148514	0.009825	0.004455	0.006568
-0.0550	0.2000	1.007950	0.007389	0.988829	0.008402	0.157736	0.010793	-0.000586	0.008611
-0.0450	0.2000	1.006800	0.007325	0.990198	0.007960	0.158875	0.011568	0.006181	0.009046
-0.0550	0.1800	1.010730	0.007877	0.981940	0.007643	0.184213	0.014232	-0.011075	0.008727
-0.0450	0.1800	1.008989	0.007997	0.991417	0.007278	0.186632	0.015660	0.000423	0.009039
-0.0550	0.1600	1.011169	0.007789	0.992965	0.008196	0.213512	0.012468	-0.022852	0.011219
-0.0450	0.1600	1.004550	0.008698	0.989518	0.008291	0.196740	0.018017	-0.002394	0.014688
-0.0550	0.1400	1.008220	0.010596	0.982828	0.011370	0.238007	0.017719	-0.037371	0.015779
-0.0450	0.1400	1.003209	0.011332	0.985732	0.008513	0.192387	0.017606	-0.008067	0.014457
-0.0550	0.1200	0.990014	0.031280	0.970397	0.013993	0.270365	0.024252	-0.083866	0.029129
-0.0450	0.1200	0.993816	0.024457	0.976505	0.015285	0.244300	0.033794	-0.059587	0.021927
-0.0550	0.1000	0.984080	0.034767	0.964646	0.020273	0.316193	0.037267	-0.100902	0.036433
-0.0450	0.1000	0.997260	0.027042	0.966064	0.016565	0.313719	0.027857	-0.074498	0.035922
-0.0550	0.0800	0.990393	0.023389	0.942847	0.027991	0.403490	0.028718	-0.195921	0.035714
-0.0450	0.0800	1.004700	0.027826	0.955484	0.026411	0.383112	0.048050	-0.175652	0.062880
-0.0550	0.0600	1.018200	0.029313	0.949705	0.023427	0.446060	0.023940	-0.293195	0.073014
-0.0450	0.0600	1.020419	0.038414	0.949477	0.027595	0.373837	0.035132	-0.153617	0.072051
-0.0550	0.0400	1.035020	0.043262	0.971544	0.037833	0.309955	0.071578	-0.356277	0.055165
-0.0450	0.0400	1.040990	0.043871	0.963307	0.032487	0.254241	0.063279	-0.235050	0.090544
-0.0550	0.0200	1.022840	0.044877	1.009190	0.050880	-0.100052	0.130927	-0.273896	0.097448
-0.0450	0.0200	1.045830	0.046591	0.993526	0.033558	-0.164031	0.104365	-0.070657	0.105645
-0.0550	-0.0000	1.000899	0.042603	0.994731	0.037290	-0.378019	0.049196	-0.202757	0.062252
-0.0450	-0.0000	0.995826	0.037088	0.986068	0.019567	-0.243393	0.057567	-0.066455	0.127739
-0.0550	-0.0200	1.006350	0.027133	1.016660	0.016450	-0.343722	0.039131	-0.125087	0.042298
-0.0450	-0.0200	1.003759	0.025709	1.018310	0.012105	-0.275653	0.043434	-0.049774	0.111512
-0.0550	-0.0400	1.023629	0.010626	1.016520	0.010123	-0.264748	0.019914	-0.053194	0.034654
-0.0450	-0.0400	1.026409	0.007852	1.022880	0.011226	-0.250861	0.023781	0.014079	0.021185
-0.0550	-0.0600	1.022249	0.008884	1.004439	0.019441	-0.222084	0.015574	-0.022319	0.026996

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

E

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0450	-0.0600	1.020620	0.009358	0.997342	0.024543	-0.212078	0.016042	0.013762	0.021659
-0.0550	-0.0800	1.004780	0.024003	0.991100	0.024875	-0.194274	0.023804	0.004981	0.032375
-0.0450	-0.0800	0.996363	0.030189	0.992277	0.022022	-0.178651	0.019734	0.010068	0.040705
-0.0550	-0.1000	0.955803	0.031251	1.002919	0.015229	-0.188284	0.020499	0.001170	0.036780
-0.0450	-0.1000	0.980832	0.027368	1.002239	0.011340	-0.183517	0.015273	0.051341	0.034133
-0.0550	-0.1200	0.996420	0.011969	1.005150	0.007639	-0.177159	0.011080	0.040277	0.011148
-0.0450	-0.1200	0.994145	0.013624	0.999021	0.008479	-0.165434	0.011773	0.037467	0.015456
-0.0550	-0.1400	1.001349	0.007072	1.000779	0.009376	-0.151964	0.009414	0.037988	0.007225
-0.0450	-0.1400	1.002040	0.007471	1.004330	0.008590	-0.155776	0.009793	0.041765	0.007667
-0.0550	-0.1600	0.998819	0.006827	1.003469	0.009987	-0.131199	0.009302	0.029541	0.006718
-0.0450	-0.1600	0.999758	0.007268	1.007870	0.007891	-0.130925	0.009127	0.044843	0.006413
-0.0550	-0.1800	1.004149	0.008662	1.003099	0.009442	-0.139199	0.008910	0.033370	0.008035
-0.0450	-0.1800	1.006650	0.007660	1.003639	0.008098	-0.129339	0.010878	0.039654	0.007777
-0.0550	-0.2000	1.007660	0.006924	0.998977	0.008606	-0.119659	0.010538	0.034742	0.005659
-0.0450	-0.2000	1.003139	0.006585	1.006260	0.008559	-0.115999	0.010598	0.032697	0.006327
-0.0550	-0.2200	1.001539	0.009386	1.001800	0.009619	-0.112500	0.010822	0.029628	0.008061
-0.0450	-0.2200	1.004939	0.006508	0.993249	0.008510	-0.107555	0.013220	0.026024	0.008622
-0.0550	-0.2400	1.004020	0.007555	1.001670	0.008824	-0.098426	0.011981	0.019034	0.008415
-0.0450	-0.2400	1.006339	0.008370	0.997176	0.009701	-0.093570	0.008706	0.024781	0.007324
-0.0550	-0.2600	1.000520	0.008098	1.000279	0.008716	-0.099138	0.010125	0.023343	0.008632
-0.0450	-0.2600	0.999270	0.008051	0.991169	0.009561	-0.100647	0.009132	0.027966	0.008356
-0.0550	-0.2800	0.999150	0.005902	1.003500	0.009083	-0.087085	0.010478	0.022454	0.008060
-0.0450	-0.2800	1.002299	0.006720	0.995542	0.009524	-0.085192	0.010871	0.022791	0.007802
-0.0550	-0.3000	1.001710	0.006245	0.997663	0.008367	-0.083138	0.010183	0.017879	0.011637
-0.0450	-0.3000	0.999173	0.006448	0.992925	0.006345	-0.080962	0.009674	0.023869	0.007137

X/C = 1.80000 SLMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2000	0.0270	1.004410	0.007209	1.007489	0.007099	0.063720	0.013073	-0.121438	0.009958
-0.1867	0.0270	1.008599	0.007852	1.011729	0.008882	0.066032	0.012239	-0.148685	0.011986
-0.1733	0.0270	1.010209	0.007306	1.005239	0.010579	0.074192	0.021479	-0.159241	0.012432
-0.1600	0.0270	1.009339	0.007704	0.999402	0.019483	0.082898	0.031891	-0.177756	0.017899
-0.1467	0.0270	1.012980	0.007545	0.972605	0.027835	0.100946	0.040811	-0.201990	0.014261
-0.1333	0.0270	1.013080	0.010728	0.986306	0.032371	0.082327	0.049548	-0.225087	0.019717
-0.1200	0.0270	1.008770	0.019829	0.980369	0.030699	0.155828	0.051451	-0.255756	0.022363
-0.1067	0.0270	0.989734	0.031217	0.983849	0.030696	0.163364	0.061268	-0.339429	0.042117
-0.0933	0.0270	0.999905	0.025023	0.998711	0.036008	0.189528	0.067464	-0.399021	0.050206
-0.0800	0.0270	1.001539	0.026308	1.024770	0.040686	0.254834	0.136424	-0.400609	0.042126
-0.0667	0.0270	1.041430	0.044187	1.049669	0.051573	-0.094246	0.117636	-0.292075	0.070546
-0.0533	0.0270	1.022810	0.041873	1.042979	0.042654	-0.134980	0.109873	-0.193475	0.116746
-0.0400	0.0270	1.083960	0.048900	0.962634	0.031442	0.136388	0.074330	0.019753	0.165102
-0.0267	0.0270	1.033799	0.046202	0.992304	0.019582	0.012819	0.054013	0.188872	0.146826
-0.0133	0.0270	0.967775	0.033066	0.986953	0.020823	0.022637	0.067412	0.452474	0.038573
-0.0000	0.0270	0.974866	0.027972	0.993133	0.016783	0.000272	0.038471	0.444998	0.035339
0.0133	0.0270	0.986802	0.022586	0.982820	0.022848	0.037241	0.047583	0.434511	0.033796
0.0267	0.0270	0.991838	0.014080	0.987234	0.011485	0.048040	0.014622	0.393554	0.044884
0.0400	0.0270	0.981072	0.017442	0.986224	0.007521	0.041941	0.012964	0.319576	0.022979
0.0533	0.0270	0.975482	0.019243	0.986066	0.008555	0.019433	0.018989	0.292411	0.025086
0.0667	0.0270	0.982174	0.009971	0.987307	0.007523	0.025589	0.009891	0.248932	0.017614
0.0800	0.0270	0.980151	0.006412	0.994749	0.008188	0.023619	0.012489	0.248023	0.018903
0.0933	0.0270	0.983569	0.008401	0.987308	0.007917	0.009049	0.010075	0.208449	0.010381
0.1067	0.0270	0.982340	0.006387	0.991186	0.006524	0.020979	0.008076	0.204353	0.018720
0.1200	0.0270	0.984523	0.007289	0.986138	0.006450	0.018617	0.008089	0.181487	0.015764
0.1333	0.0270	0.983555	0.008954	0.986478	0.007513	0.016832	0.010595	0.175919	0.015707
0.1467	0.0270	0.991354	0.005228	0.985910	0.008213	0.016143	0.011248	0.156198	0.007025
0.1600	0.0270	0.984635	0.007249	0.989505	0.007149	0.018717	0.013387	0.153784	0.013257
0.1733	0.0270	0.995907	0.006912	0.988416	0.007966	0.017034	0.010503	0.136993	0.011612
0.1867	0.0270	0.988792	0.005564	0.992258	0.007611	0.013383	0.011102	0.128690	0.014909
0.2000	0.0270	0.994065	0.006115	0.988664	0.006034	0.008594	0.009486	0.129310	0.012299
-0.2000	0.0250	1.001180	0.006949	1.009620	0.008219	0.052109	0.016362	-0.137032	0.009746
-0.1867	0.0250	1.007059	0.007143	1.006689	0.010276	0.065157	0.022350	-0.157047	0.008299
-0.1733	0.0250	1.005899	0.006948	1.002339	0.011514	0.069393	0.013324	-0.166725	0.011384
-0.1600	0.0250	1.007759	0.009013	1.000549	0.013545	0.065704	0.022602	-0.182387	0.019605
-0.1467	0.0250	1.006980	0.008988	0.986379	0.024969	0.076730	0.048401	-0.203822	0.025244
-0.1333	0.0250	1.013869	0.011629	0.993641	0.031997	0.080118	0.052281	-0.240555	0.026018

78

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1200	0.0250	1.005320	0.022757	0.986404	0.030331	0.108772	0.042401	-0.272379	0.025742
-0.1067	0.0250	0.999808	0.025781	0.983237	0.031482	0.110416	0.051151	-0.363744	0.039897
-0.0933	0.0250	1.002910	0.030128	1.017710	0.043257	0.154350	0.102728	-0.401966	0.053852
-0.0800	0.0250	1.013120	0.027531	1.059669	0.052716	-0.013750	0.145280	-0.395913	0.056293
-0.0667	0.0250	1.020360	0.037632	1.033449	0.048299	-0.080820	0.149253	-0.358341	0.072712
-0.0533	0.0250	1.026870	0.035047	0.990783	0.042713	0.079966	0.095014	-0.276738	0.064635
-0.0400	0.0250	1.045159	0.050170	0.981340	0.030223	0.044161	0.062740	-0.027124	0.193620
-0.0267	0.0250	1.006450	0.045782	0.995803	0.022435	0.043309	0.041183	0.365515	0.060891
-0.0133	0.0250	0.971611	0.044634	0.996686	0.015161	0.036274	0.038478	0.393712	0.052816
-0.0000	0.0250	0.983707	0.023275	0.996408	0.016808	0.030557	0.029414	0.398502	0.029798
0.0133	0.0250	0.989509	0.020416	0.983524	0.023202	0.030259	0.033540	0.402424	0.040387
0.0267	0.0250	0.988442	0.014258	0.991236	0.014138	0.035852	0.020985	0.343658	0.029427
0.0400	0.0250	0.977766	0.020403	0.990381	0.009726	0.024482	0.015239	0.328336	0.028034
0.0533	0.0250	0.982182	0.016563	0.988821	0.008005	0.026773	0.011247	0.279602	0.022795
0.0667	0.0250	0.977927	0.011197	0.983380	0.006846	0.016427	0.015238	0.256451	0.020423
0.0800	0.0250	0.980266	0.007533	0.990716	0.006709	0.020154	0.011121	0.235340	0.019345
0.0933	0.0250	0.979459	0.008631	0.987390	0.006875	0.030609	0.006229	0.227502	0.017879
0.1067	0.0250	0.983826	0.007668	0.986208	0.006994	0.018726	0.008429	0.184461	0.020369
0.1200	0.0250	0.984366	0.007805	0.987074	0.006791	0.018103	0.009362	0.177818	0.026320
0.1333	0.0250	0.988004	0.007535	0.988672	0.006588	0.015370	0.009309	0.172216	0.014262
0.1467	0.0250	0.983855	0.007060	0.989288	0.007818	0.019290	0.011200	0.159885	0.009693
0.1600	0.0250	0.990671	0.006127	0.994709	0.006037	0.020614	0.010179	0.143921	0.008092
0.1733	0.0250	0.987298	0.006036	0.992423	0.006567	0.016763	0.012983	0.145279	0.010806
0.1867	0.0250	0.988043	0.005719	0.989791	0.007760	0.018993	0.010401	0.138657	0.010478
0.2000	0.0250	0.991409	0.006472	0.993120	0.007754	0.012909	0.008784	0.119401	0.007175

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

F

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.3000	0.0530	1.008030	0.008225	0.995369	0.008455	0.077979	0.010142	-0.085262	0.008314
-0.2800	0.0530	1.015090	0.007995	1.005280	0.007414	0.078525	0.010745	-0.089555	0.006736
-0.2600	0.0530	1.011479	0.010103	1.002080	0.007361	0.077068	0.014214	-0.095350	0.006893
-0.2400	0.0530	1.016720	0.006824	0.998074	0.006871	0.080358	0.009604	-0.100914	0.008660
-0.2200	0.0530	1.015790	0.007050	1.001780	0.007860	0.093008	0.011102	-0.114257	0.009612
-0.2000	0.0530	1.017209	0.008949	1.000589	0.006901	0.097343	0.008105	-0.130881	0.007506
-0.1800	0.0530	1.018120	0.006914	1.002370	0.008331	0.118580	0.017100	-0.153449	0.011406
-0.1600	0.0530	1.015320	0.007355	0.998112	0.020912	0.136295	0.027447	-0.160113	0.012983
-0.1400	0.0530	1.023789	0.012441	0.983282	0.027847	0.161893	0.040718	-0.214933	0.024631
-0.1200	0.0530	1.018550	0.016897	0.980802	0.034393	0.245295	0.053511	-0.222687	0.020267
-0.1000	0.0530	0.975474	0.033477	0.985688	0.036933	0.359319	0.052140	-0.247369	0.029231
-0.0800	0.0530	1.004080	0.028566	0.991523	0.029882	0.418915	0.049565	-0.348860	0.050916
-0.0600	0.0530	0.994644	0.037404	0.963029	0.032995	0.445402	0.028940	-0.338153	0.051281
-0.0400	0.0530	1.032379	0.045275	0.957770	0.035334	0.320029	0.054674	-0.116230	0.070758
-0.0200	0.0530	1.023069	0.054008	0.973902	0.023179	0.228857	0.036742	0.052197	0.119249
0.0000	0.0530	0.967859	0.034499	0.968185	0.021153	0.141922	0.035454	0.346645	0.050145
0.0200	0.0530	0.976711	0.024911	0.977223	0.017249	0.116153	0.018891	0.372396	0.030066
0.0400	0.0530	0.974467	0.020153	0.983281	0.008080	0.084604	0.009829	0.336955	0.028835
0.0600	0.0530	0.974587	0.018348	0.987631	0.007344	0.067451	0.007977	0.314067	0.023008
0.0800	0.0530	0.990151	0.010815	0.986030	0.005523	0.056257	0.010015	0.258151	0.021600
0.1000	0.0530	0.993788	0.007230	0.986574	0.006604	0.046888	0.007747	0.221373	0.017040
0.1200	0.0530	0.995603	0.007040	0.990932	0.006071	0.047039	0.006564	0.188671	0.014208
0.1400	0.0530	0.994455	0.007669	0.985155	0.006732	0.029308	0.007034	0.186918	0.016144
0.1600	0.0530	0.994349	0.007679	0.993252	0.006433	0.030875	0.008395	0.155224	0.013222
0.1800	0.0530	1.000600	0.006839	0.987461	0.006184	0.027916	0.011428	0.139516	0.011337
0.2000	0.0530	0.993223	0.007520	0.987153	0.006637	0.027315	0.011581	0.139786	0.008172
0.2200	0.0530	0.998423	0.006415	0.991800	0.007915	0.023864	0.009602	0.127826	0.009421
0.2400	0.0530	1.001419	0.006494	0.994788	0.006997	0.023326	0.009808	0.114041	0.011265
0.2600	0.0530	0.998501	0.006932	0.991901	0.006456	0.024538	0.008695	0.115340	0.009146
0.2800	0.0530	1.005910	0.006470	0.990203	0.006891	0.010359	0.009061	0.092573	0.007422
0.3000	0.0530	1.000299	0.006132	0.992238	0.007206	0.013060	0.007212	0.097973	0.008399
-0.3000	0.0430	1.008809	0.006520	0.998534	0.007131	0.071727	0.007911	-0.085239	0.008798
-0.2800	0.0430	1.012520	0.006323	1.003969	0.006612	0.073028	0.007539	-0.090607	0.007887
-0.2600	0.0430	1.011880	0.007035	1.000680	0.006859	0.077903	0.011609	-0.094712	0.007232
-0.2400	0.0430	1.011880	0.006748	0.999543	0.007987	0.070172	0.010600	-0.104238	0.007435
-0.2200	0.0430	1.012449	0.006919	1.000130	0.007054	0.076850	0.009518	-0.115850	0.008356
-0.2000	0.0430	1.016069	0.008029	1.003570	0.008582	0.100299	0.015847	-0.130485	0.010032

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1800	0.0430	1.017870	0.007219	1.000839	0.008452	0.103923	0.016056	-0.145337	0.014586
-0.1600	0.0430	1.022329	0.007686	0.996673	0.018058	0.094582	0.022492	-0.167099	0.017013
-0.1400	0.0430	1.022079	0.008516	0.973022	0.036894	0.146988	0.045434	-0.206885	0.013623
-0.1200	0.0430	1.009990	0.022825	0.977936	0.028981	0.236036	0.043692	-0.243536	0.031719
-0.1000	0.0430	0.987529	0.029564	0.972104	0.032129	0.336755	0.043239	-0.330050	0.028238
-0.0800	0.0430	1.010520	0.025701	0.999861	0.045794	0.396248	0.059576	-0.375551	0.051036
-0.0600	0.0430	1.018499	0.036028	0.961898	0.032697	0.388585	0.048277	-0.385013	0.073634
-0.0400	0.0430	1.040099	0.051394	0.962886	0.032413	0.141456	0.070280	-0.224102	0.061312
-0.0200	0.0430	0.990421	0.054679	0.984124	0.014954	0.169335	0.040408	0.005727	0.177061
0.0000	0.0430	0.940657	0.055054	0.977493	0.018060	0.095805	0.028720	0.358766	0.043733
0.0200	0.0430	0.982037	0.025689	0.977667	0.016715	0.087946	0.017478	0.380783	0.020830
0.0400	0.0430	0.987007	0.017662	0.984624	0.009171	0.067695	0.009657	0.339259	0.026178
0.0600	0.0430	0.978510	0.016949	0.990111	0.007775	0.055767	0.007844	0.308385	0.024709
0.0800	0.0430	0.993419	0.008893	0.987967	0.006728	0.042970	0.007744	0.270729	0.017842
0.1000	0.0430	0.994215	0.008432	0.985904	0.007427	0.032136	0.011123	0.235758	0.015630
0.1200	0.0430	0.993304	0.006567	0.991091	0.006902	0.034562	0.008242	0.194702	0.026259
0.1400	0.0430	0.996005	0.007019	0.991562	0.007195	0.028707	0.007683	0.187015	0.015678
0.1600	0.0430	0.994844	0.007418	0.985815	0.008653	0.031989	0.010913	0.160583	0.010480
0.1800	0.0430	0.997235	0.007136	0.990595	0.007971	0.027430	0.008234	0.148109	0.008375
0.2000	0.0430	0.999957	0.007512	0.989963	0.008225	0.019471	0.007914	0.141628	0.009795
0.2200	0.0430	1.003679	0.006286	0.993312	0.006665	0.011307	0.012633	0.090773	0.014680
0.2400	0.0430	1.003070	0.005639	0.990953	0.006660	0.009665	0.007694	0.119422	0.009456
0.2600	0.0430	0.996930	0.006084	0.998618	0.007034	0.026055	0.009395	0.109213	0.011464
0.2800	0.0430	1.001129	0.007385	0.992497	0.006771	0.014148	0.010629	0.102469	0.012028
0.3000	0.0430	1.002460	0.005983	0.990961	0.007811	0.009225	0.012839	0.094415	0.010940

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

82

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	-0.1000	0.857890	0.032720	0.877428	0.023282	0.026427	0.037881	-0.040294	0.046152
-1.3000	-0.1000	0.882486	0.036063	0.896308	0.041905	0.027045	0.032258	-0.040871	0.041743
-1.1000	-0.1000	0.881073	0.037439	0.897790	0.033635	0.029755	0.028515	-0.038776	0.035876
-0.9000	-0.1000	0.896025	0.037584	0.885954	0.030323	0.036988	0.030395	-0.031568	0.037809
-0.7000	-0.1000	0.890068	0.036152	0.872684	0.031884	0.029373	0.031836	-0.045479	0.040168
-0.5000	-0.1000	0.900642	0.028776	0.897599	0.041020	0.046028	0.044752	-0.060237	0.040165
-0.3000	-0.1000	0.917648	0.037608	0.926687	0.036674	0.032214	0.052157	-0.054955	0.042645
-0.1000	-0.1000	0.942676	0.034607	0.961644	0.030678	-0.166861	0.026833	-0.032180	0.051778
0.1000	-0.1000	0.999957	0.007370	0.993149	0.007645	-0.051609	0.013819	0.141406	0.005986
-1.5000	-0.1100	0.903918	0.047003	0.883159	0.037429	0.029850	0.035746	-0.033638	0.033531
-1.3000	-0.1100	0.927136	0.031689	0.853036	0.034300	0.031900	0.032210	-0.040818	0.040287
-1.1000	-0.1100	0.927687	0.037498	0.882570	0.036512	0.013851	0.034559	-0.039740	0.036537
-0.9000	-0.1100	0.911532	0.041162	0.889518	0.038802	0.023532	0.038726	-0.039209	0.038787
-0.7000	-0.1100	0.900767	0.041181	0.889030	0.041811	0.009897	0.039427	-0.048083	0.042974
-0.5000	-0.1100	0.908906	0.036325	0.880281	0.035676	-0.000906	0.040096	-0.068193	0.037398
-0.3000	-0.1100	0.899546	0.039168	0.907825	0.040849	-0.056326	0.047603	-0.060103	0.043492
-0.1000	-0.1100	0.940503	0.037863	0.993444	0.021632	-0.184176	0.019844	-0.007753	0.036741
0.1000	-0.1100	1.001140	0.007092	0.990303	0.008819	-0.060850	0.010242	0.134937	0.008080
-1.5000	-0.1200	0.961515	0.031046	0.917622	0.035393	-0.000957	0.029379	-0.046527	0.032712
-1.3000	-0.1200	0.951098	0.035570	0.854851	0.037687	0.016788	0.033834	-0.033388	0.025534
-1.1000	-0.1200	0.960483	0.032741	0.913698	0.043767	0.005808	0.037599	-0.103135	0.030390
-0.9000	-0.1200	0.931872	0.039020	0.934472	0.038543	0.007052	0.036635	-0.045845	0.034205
-0.7000	-0.1200	0.910830	0.035694	0.909769	0.041787	-0.020470	0.036667	-0.041407	0.032056
-0.5000	-0.1200	0.925838	0.042463	0.912333	0.038746	-0.044642	0.038746	-0.047943	0.035933
-0.3000	-0.1200	0.924270	0.040106	0.940867	0.040044	-0.086165	0.031934	-0.051857	0.042950
-0.1000	-0.1200	0.994223	0.021973	1.001459	0.013095	-0.181525	0.014546	0.000011	0.020366
0.1000	-0.1200	1.002029	0.006625	0.998605	0.008326	-0.063033	0.009998	0.125483	0.005889
-1.5000	-0.1300	0.984171	0.022088	0.950759	0.035256	0.016890	0.033965	-0.043340	0.016811
-1.3000	-0.1300	0.980638	0.026646	0.926657	0.041484	-0.004055	0.035011	-0.050533	0.018981
-1.1000	-0.1300	0.988497	0.020212	0.965439	0.031131	-0.013843	0.031404	-0.048440	0.018898
-0.9000	-0.1300	0.979998	0.028716	0.954265	0.034962	-0.025630	0.038028	-0.051782	0.026444
-0.7000	-0.1300	0.967179	0.028081	0.964988	0.032026	-0.022885	0.029614	-0.061752	0.037671
-0.5000	-0.1300	0.931403	0.033597	0.969993	0.031779	-0.059098	0.027952	-0.058224	0.032120
-0.3000	-0.1300	0.976379	0.026661	0.978549	0.027654	-0.098797	0.025033	-0.044617	0.031749
-0.1000	-0.1300	1.000629	0.015707	1.003349	0.008824	-0.170124	0.011560	-0.006144	0.017044
0.1000	-0.1300	1.001849	0.007954	0.998456	0.007841	-0.071561	0.011773	0.117433	0.006167
-1.5000	-0.1400	1.003460	0.013250	0.968623	0.025661	0.011326	0.029621	-0.051217	0.013216

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.3000	-0.1400	0.995357	0.017216	0.968341	0.026789	-0.007711	0.022905	-0.055500	0.016845
-1.1000	-0.1400	0.998702	0.015905	0.978110	0.019907	-0.015976	0.018608	-0.053307	0.017172
-0.9000	-0.1400	0.996565	0.020635	0.985971	0.019280	-0.029443	0.025964	-0.054380	0.018187
-0.7000	-0.1400	0.990344	0.021917	0.986897	0.016448	-0.035711	0.017945	-0.056330	0.018927
-0.5000	-0.1400	0.989426	0.020240	0.987467	0.015196	-0.067313	0.017137	-0.059907	0.024462
-0.3000	-0.1400	1.000500	0.021636	0.995071	0.015240	-0.109281	0.014978	-0.046797	0.019436
-0.1000	-0.1400	0.999432	0.008942	1.005469	0.006596	-0.164059	0.010030	-0.006150	0.012390
0.1000	-0.1400	1.001969	0.006690	0.994168	0.005156	-0.069841	0.010044	0.114752	0.007044
-1.5000	-0.1500	0.999571	0.013137	0.980823	0.020148	0.004200	0.020416	-0.056205	0.009953
-1.3000	-0.1500	0.996665	0.010952	0.988166	0.013790	-0.003652	0.020079	-0.055987	0.010587
-1.1000	-0.1500	1.002890	0.011433	0.988591	0.014105	-0.018561	0.018428	-0.054777	0.012085
-0.9000	-0.1500	0.991939	0.012954	0.991292	0.012665	-0.026842	0.014278	-0.058154	0.014576
-0.7000	-0.1500	0.998576	0.012191	0.984356	0.013712	-0.028988	0.014704	-0.062735	0.013731
-0.5000	-0.1500	1.004649	0.014190	0.996486	0.011446	-0.066387	0.015112	-0.060825	0.013260
-0.3000	-0.1500	1.008499	0.013534	0.998173	0.010519	-0.106939	0.012899	-0.054746	0.014038
-0.1000	-0.1500	1.002439	0.007564	1.000819	0.007103	-0.155785	0.010032	-0.000342	0.007996
0.1000	-0.1500	1.004769	0.006347	0.993541	0.007178	-0.069044	0.012220	0.113945	0.006452
-1.5000	-0.1600	1.001439	0.010951	0.986119	0.011048	0.006282	0.015375	-0.056230	0.008871
-1.3000	-0.1600	1.000540	0.009510	0.990279	0.012016	-0.000700	0.013014	-0.054760	0.008463
-1.1000	-0.1600	0.997749	0.010055	0.982880	0.009989	-0.021216	0.014624	-0.054208	0.010320
-0.9000	-0.1600	1.003059	0.009496	0.991266	0.008946	-0.029156	0.012243	-0.061835	0.011844
-0.7000	-0.1600	0.998665	0.011032	0.994565	0.009232	-0.043060	0.011967	-0.061858	0.008621
-0.5000	-0.1600	0.999967	0.009643	0.997387	0.008669	-0.065946	0.011823	-0.060438	0.008662
-0.3000	-0.1600	1.004080	0.009428	0.998756	0.009525	-0.101511	0.009807	-0.054637	0.009846
-0.1000	-0.1600	1.004539	0.007916	1.001590	0.007132	-0.148471	0.009281	0.001825	0.008069
0.1000	-0.1600	1.007540	0.007074	0.996381	0.008408	-0.063003	0.013859	0.102365	0.006462
-1.5000	-0.1700	1.001690	0.009375	0.989075	0.008030	0.001226	0.010948	-0.053466	0.008872
-1.3000	-0.1700	1.004089	0.011775	0.984217	0.006866	-0.003175	0.009997	-0.057913	0.008326
-1.1000	-0.1700	1.004669	0.010004	0.987472	0.009918	-0.019105	0.015400	-0.059082	0.008389
-0.9000	-0.1700	1.003209	0.008810	0.989376	0.007158	-0.032030	0.009981	-0.063286	0.009036
-0.7000	-0.1700	1.002919	0.008869	0.990043	0.009254	-0.047874	0.013349	-0.062795	0.007343
-0.5000	-0.1700	1.004970	0.008674	0.997542	0.007575	-0.065650	0.009438	-0.062373	0.009468
-0.3000	-0.1700	1.004379	0.007586	0.993513	0.008381	-0.099182	0.009843	-0.044918	0.007935
-0.1000	-0.1700	1.003169	0.007124	1.001909	0.006926	-0.144213	0.010826	0.000793	0.007409
0.1000	-0.1700	1.004999	0.006858	0.997222	0.007705	-0.071225	0.012046	0.095033	0.005707
-1.5000	-0.1800	1.001710	0.011568	0.987007	0.007998	0.001805	0.009109	-0.055672	0.009192
-1.3000	-0.1800	0.995947	0.010584	0.989834	0.008061	-0.009031	0.011938	-0.053557	0.007575
-1.1000	-0.1800	0.995507	0.008408	0.992357	0.007460	-0.021067	0.010479	-0.055522	0.007733

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (M)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.9000	-0.1800	0.998300	0.008917	0.996884	0.008397	-0.029520	0.010714	-0.057972	0.008649
-0.7000	-0.1800	0.999627	0.009491	0.991318	0.008485	-0.038717	0.010028	-0.063547	0.008114
-0.5000	-0.1800	1.004950	0.008845	0.996181	0.010118	-0.062856	0.010263	-0.062486	0.007821
-0.3000	-0.1800	1.010619	0.007275	0.998291	0.008406	-0.100953	0.010384	-0.049918	0.007263
-0.1000	-0.1800	1.005300	0.007158	1.003460	0.008655	-0.142727	0.009427	0.001913	0.006561
0.1000	-0.1800	0.997044	0.007258	0.998589	0.007588	-0.066763	0.010554	0.093662	0.006869
-1.5000	-0.1900	1.004049	0.009144	0.992840	0.009142	-0.006820	0.013664	-0.053790	0.007433
-1.3000	-0.1900	0.997720	0.009404	0.988188	0.007029	0.005700	0.007437	-0.053091	0.007711
-1.1000	-0.1900	1.002250	0.010402	0.991812	0.009147	-0.023294	0.013335	-0.052810	0.006785
-0.9000	-0.1900	1.006189	0.008369	0.994393	0.008163	-0.030636	0.012919	-0.059769	0.008056
-0.7000	-0.1900	1.001590	0.008313	0.992137	0.009508	-0.048984	0.012752	-0.060862	0.007460
-0.5000	-0.1900	1.006379	0.009207	0.992611	0.008505	-0.062752	0.010371	-0.061166	0.007725
-0.3000	-0.1900	1.005919	0.008269	0.997115	0.008927	-0.105285	0.009524	-0.046159	0.007860
-0.1000	-0.1900	1.009029	0.007751	1.000179	0.007671	-0.127767	0.010022	0.006383	0.006708
0.1000	-0.1900	1.005150	0.006416	0.991212	0.007895	-0.067183	0.011042	0.085246	0.007628
-1.5000	-0.2000	1.002100	0.011337	0.988908	0.007646	-0.001548	0.011846	-0.055594	0.008243
-1.3000	-0.2000	1.000219	0.008812	0.991652	0.007349	-0.001468	0.008304	-0.055520	0.006991
-1.1000	-0.2000	1.000879	0.009325	0.992109	0.007259	-0.025498	0.011053	-0.058635	0.006462
-0.9000	-0.2000	1.000079	0.006846	0.991770	0.009264	-0.028149	0.012694	-0.058625	0.008247
-0.7000	-0.2000	1.002040	0.009231	0.987689	0.008916	-0.042394	0.010431	-0.060276	0.006523
-0.5000	-0.2000	0.997994	0.006280	0.988760	0.007514	-0.064209	0.011960	-0.063494	0.007922
-0.3000	-0.2000	1.004479	0.008337	0.998815	0.008575	-0.094997	0.009068	-0.041303	0.007306
-0.1000	-0.2000	1.007020	0.006846	1.001679	0.007166	-0.125201	0.016834	0.002485	0.007638
0.1000	-0.2000	0.996356	0.008181	0.996334	0.008499	-0.068534	0.009429	0.082620	0.007112
-1.5000	-0.2100	0.999475	0.010738	0.986264	0.006427	0.009941	0.013182	-0.054919	0.008724
-1.3000	-0.2100	1.001710	0.007555	0.990944	0.007887	-0.010451	0.011803	-0.052928	0.008711
-1.1000	-0.2100	1.000090	0.009577	0.990488	0.008205	-0.013867	0.011526	-0.056546	0.007694
-0.9000	-0.2100	0.997402	0.008494	0.992426	0.007990	-0.024866	0.009319	-0.059451	0.009013
-0.7000	-0.2100	0.998082	0.008500	0.991193	0.008045	-0.037738	0.008788	-0.058492	0.009283
-0.5000	-0.2100	1.012199	0.007403	0.998927	0.008208	-0.065532	0.010664	-0.059175	0.008660
-0.3000	-0.2100	1.000330	0.007847	0.997616	0.008565	-0.107157	0.008365	-0.048480	0.007250
-0.1000	-0.2100	1.001089	0.006216	0.999008	0.008738	-0.119197	0.012450	0.008336	0.011079
0.1000	-0.2100	1.003710	0.006166	0.992071	0.006550	-0.069841	0.008338	0.082142	0.007487
-1.5000	-0.2200	1.003969	0.009501	0.992077	0.007452	0.004050	0.007082	-0.051571	0.008316
-1.3000	-0.2200	0.998823	0.009403	0.990895	0.008605	0.004807	0.012349	-0.055147	0.009026
-1.1000	-0.2200	1.004999	0.009382	0.991332	0.008460	-0.012209	0.011029	-0.053207	0.008543
-0.9000	-0.2200	0.997398	0.009538	0.992585	0.007404	-0.028603	0.010320	-0.060784	0.007438
-0.7000	-0.2200	0.996194	0.008053	0.991533	0.008837	-0.035992	0.010843	-0.053679	0.007138

84

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.5000	-0.2200	1.000219	0.009730	0.995655	0.007850	-0.062842	0.009380	-0.057314	0.006127
-0.3000	-0.2200	1.001280	0.009652	0.994779	0.006727	-0.093615	0.013055	-0.040129	0.006656
-0.1000	-0.2200	1.000850	0.007046	0.995375	0.008755	-0.120482	0.011413	0.008505	0.006504
0.1000	-0.2200	1.000259	0.008114	0.996848	0.008407	-0.067414	0.012706	0.081207	0.006557

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

6

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	-0.0400	1.008510	0.011107	0.994244	0.008470	0.048282	0.011176	-0.056314	0.009355
-1.3000	-0.0400	1.004370	0.010186	0.988932	0.007051	0.038066	0.010659	-0.056188	0.007581
-1.1000	-0.0400	1.002839	0.009897	0.993186	0.008043	0.038226	0.009499	-0.056718	0.009982
-0.9000	-0.0400	1.001610	0.009333	0.993684	0.008373	0.043189	0.009422	-0.061429	0.008117
-0.7000	-0.0400	1.008459	0.007127	0.991718	0.006873	0.056198	0.011058	-0.066256	0.006786
-0.5000	-0.0400	1.009020	0.007639	0.996054	0.006951	0.063212	0.008808	-0.072582	0.006376
-0.3000	-0.0400	1.013530	0.006719	0.997614	0.008259	0.041347	0.007547	-0.076657	0.007411
-0.1000	-0.0400	1.020869	0.007041	1.016060	0.012123	-0.263939	0.036701	-0.138901	0.014511
0.1000	-0.0400	0.997668	0.006496	0.993473	0.007773	-0.044298	0.012529	0.195223	0.008231
-1.5000	-0.0500	1.001630	0.010422	0.988610	0.008497	0.035461	0.011122	-0.059187	0.008874
-1.3000	-0.0500	0.999082	0.012589	0.989107	0.007962	0.033936	0.010758	-0.057480	0.014101
-1.1000	-0.0500	1.007170	0.011467	0.991111	0.008695	0.041791	0.010459	-0.059959	0.009985
-0.9000	-0.0500	1.001559	0.010550	0.989015	0.007881	0.041301	0.009384	-0.062402	0.008708
-0.7000	-0.0500	1.002259	0.010235	0.994084	0.008238	0.050262	0.012897	-0.062079	0.010613
-0.5000	-0.0500	1.002680	0.008404	0.987085	0.007942	0.059863	0.008262	-0.068225	0.008592
-0.3000	-0.0500	1.012899	0.007437	0.996110	0.008843	0.046437	0.007301	-0.078035	0.007536
-0.1000	-0.0500	1.027249	0.007280	1.014250	0.008353	-0.216172	0.016683	-0.115534	0.008994
0.1000	-0.0500	0.999385	0.005899	0.993815	0.005888	-0.051244	0.010574	0.195974	0.008309
-1.5000	-0.0600	0.998378	0.013005	0.989488	0.008868	0.045099	0.009402	-0.059521	0.013706
-1.3000	-0.0600	1.000759	0.017716	0.988386	0.007789	0.051426	0.008454	-0.061999	0.016252
-1.1000	-0.0600	0.998755	0.015113	0.990035	0.009797	0.046238	0.011146	-0.059695	0.016737
-0.9000	-0.0600	1.003369	0.018089	0.984976	0.008276	0.047352	0.009428	-0.061194	0.013035
-0.7000	-0.0600	1.006269	0.014037	0.991063	0.010185	0.050629	0.010990	-0.067886	0.013715
-0.5000	-0.0600	1.005449	0.007850	0.992132	0.008375	0.060777	0.010550	-0.070678	0.009654
-0.3000	-0.0600	1.009509	0.008957	0.998491	0.009615	0.047082	0.012178	-0.077972	0.007865
-0.1000	-0.0600	1.024260	0.008980	1.015189	0.008366	-0.195258	0.016217	-0.095269	0.012546
0.1000	-0.0600	1.002139	0.006708	0.990809	0.007446	-0.038154	0.012347	0.181120	0.007110
-1.5000	-0.0700	0.989102	0.022401	0.985691	0.012651	0.039583	0.018736	-0.062244	0.022742
-1.3000	-0.0700	0.976022	0.027348	0.986871	0.012363	0.039930	0.012360	-0.065803	0.026544
-1.1000	-0.0700	0.971534	0.023103	0.983419	0.014388	0.048240	0.014140	-0.064903	0.026225
-0.9000	-0.0700	0.988958	0.019748	0.981811	0.013380	0.044616	0.013177	-0.067003	0.025200
-0.7000	-0.0700	0.995551	0.018432	0.990086	0.012837	0.051309	0.014038	-0.071584	0.017239
-0.5000	-0.0700	1.004459	0.014682	0.995249	0.008953	0.060415	0.011022	-0.072413	0.014195
-0.3000	-0.0700	1.009450	0.012200	1.001860	0.012509	0.045347	0.011970	-0.081154	0.012640
-0.1000	-0.0700	1.026030	0.009859	1.016729	0.011588	-0.180312	0.012252	-0.082162	0.012976
0.1000	-0.0700	0.993199	0.007577	0.991948	0.007866	-0.036599	0.013005	0.171813	0.008082
-1.5000	-0.0800	0.959629	0.028755	0.975163	0.019489	0.034142	0.015846	-0.066226	0.029144

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.3000	-0.0800	0.958417	0.028711	0.971075	0.025575	0.044742	0.023411	-0.067785	0.027319
-1.1000	-0.0800	0.954404	0.036744	0.968021	0.023525	0.047385	0.019751	-0.050825	0.034614
-0.9000	-0.0800	0.969233	0.036327	0.960803	0.025226	0.047162	0.023492	-0.068017	0.029628
-0.7000	-0.0800	0.975390	0.029493	0.983329	0.015976	0.060893	0.015467	-0.066072	0.028947
-0.5000	-0.0800	0.988188	0.022371	0.977579	0.023644	0.064969	0.015535	-0.075541	0.024898
-0.3000	-0.0800	0.997977	0.023454	0.993073	0.018803	0.045377	0.019739	-0.073051	0.024509
-0.1000	-0.0800	1.016560	0.016084	1.008369	0.019372	-0.160078	0.016909	-0.067444	0.021371
0.1000	-0.0800	0.994046	0.005775	0.996034	0.010027	-0.055373	0.012430	0.158985	0.007043
-1.5000	-0.0900	0.884558	0.036764	0.940496	0.034449	0.046700	0.024124	-0.060747	0.034965
-1.3000	-0.0900	0.905130	0.038011	0.948902	0.031677	0.033031	0.024303	-0.054685	0.041568
-1.1000	-0.0900	0.920852	0.038435	0.939507	0.031270	0.042311	0.030006	-0.051957	0.042453
-0.9000	-0.0900	0.924583	0.032321	0.930860	0.034451	0.046634	0.023864	-0.056636	0.044178
-0.7000	-0.0900	0.930555	0.035735	0.947522	0.029204	0.059382	0.029116	-0.061121	0.049291
-0.5000	-0.0900	0.955486	0.034393	0.940697	0.036858	0.061011	0.025809	-0.076866	0.031811
-0.3000	-0.0900	0.973757	0.031923	0.954230	0.038039	0.035494	0.029655	-0.076099	0.036324
-0.1000	-0.0900	0.997529	0.026233	0.982852	0.024879	-0.163198	0.020539	-0.054273	0.035645
0.1000	-0.0900	0.998086	0.006956	0.996613	0.007827	-0.067291	0.010670	0.142896	0.007493

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

61

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	0.0000	0.991609	0.008547					-0.051623	0.007041
-1.3400	0.0000	1.000839	0.011551					-0.054753	0.007498
-1.1800	0.0000	0.997046	0.008551					-0.055639	0.008718
-1.0200	0.0000	1.002390	0.009971					-0.057330	0.007829
-0.8600	0.0000	0.998277	0.008836					-0.056354	0.008768
-0.7000	0.0000	1.004910	0.008404					-0.062761	0.007765
-0.5400	0.0000	1.005300	0.009933					-0.065981	0.009191
-0.3800	0.0000	1.013000	0.006977					-0.075614	0.007159
-0.2200	0.0000	1.015260	0.007944					-0.106032	0.009667
-0.0600	0.0000	1.004919	0.042695					-0.155595	0.064196
0.1000	0.0000	0.989231	0.006538					0.212984	0.011895
-1.5000	-0.0250	0.998625	0.010330					-0.050369	0.009036
-1.3400	-0.0250	1.003679	0.011744					-0.053394	0.009725
-1.1800	-0.0250	1.002780	0.012532					-0.057157	0.008491
-1.0200	-0.0250	0.999097	0.009961					-0.057056	0.008372
-0.8600	-0.0250	1.003480	0.009816					-0.060533	0.007384
-0.7000	-0.0250	1.002000	0.008288					-0.064190	0.007996
-0.5400	-0.0250	1.010099	0.007688					-0.069127	0.005962
-0.3800	-0.0250	1.005469	0.006345					-0.073147	0.005698
-0.2200	-0.0250	1.012230	0.006643					-0.099425	0.009532
-0.0600	-0.0250	1.016829	0.018517					-0.104374	0.027449
0.1000	-0.0250	0.996993	0.007083					0.203011	0.013270
-1.5000	-0.0500	0.995922	0.011759					-0.055873	0.014912
-1.3400	-0.0500	1.002919	0.015795					-0.056704	0.010295
-1.1800	-0.0500	0.999285	0.015776					-0.053233	0.013864
-1.0200	-0.0500	1.000899	0.010633					-0.056973	0.013675
-0.8600	-0.0500	0.996660	0.011524					-0.061453	0.008840
-0.7000	-0.0500	1.001510	0.010887					-0.060651	0.009291
-0.5400	-0.0500	1.000509	0.008994					-0.067428	0.009157
-0.3800	-0.0500	0.998797	0.007336					-0.069917	0.008471
-0.2200	-0.0500	1.014480	0.008888					-0.083961	0.008028
-0.0600	-0.0500	1.020519	0.008302					-0.031661	0.022454
0.1000	-0.0500	0.996490	0.007424					0.191969	0.010150
-1.5000	-0.0750	0.961882	0.028433					-0.055847	0.032005
-1.3400	-0.0750	0.969429	0.033789					-0.058849	0.034840
-1.1800	-0.0750	0.955934	0.027795					-0.070992	0.026376
-1.0200	-0.0750	0.957254	0.028775					-0.068460	0.033672

88

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.8600	-0.0750	0.970922	0.029816					-0.066196	0.025451
-0.7000	-0.0750	0.980109	0.022143					-0.067732	0.021819
-0.5400	-0.0750	0.996204	0.017844					-0.071164	0.020046
-0.3800	-0.0750	1.002310	0.016292					-0.074129	0.014920
-0.2200	-0.0750	1.004999	0.016348					-0.075970	0.016986
-0.0600	-0.0750	1.019910	0.017119					-0.081818	0.020250
0.1000	-0.0750	1.005309	0.008442					0.161124	0.006940
-1.5000	-0.1000	0.394012	0.035428					-0.039325	0.038480
-1.3400	-0.1000	0.896382	0.040873					-0.035385	0.042484
-1.1800	-0.1000	0.388017	0.033246					-0.040785	0.042224
-1.0200	-0.1000	0.891823	0.034360					-0.047012	0.046578
-0.8600	-0.1000	0.876737	0.040230					-0.065988	0.043629
-0.7000	-0.1000	0.891550	0.037770					-0.040492	0.044263
-0.5400	-0.1000	0.894752	0.037065					-0.052550	0.039206
-0.3800	-0.1000	0.918761	0.044690					-0.039947	0.036534
-0.2200	-0.1000	0.933200	0.041492					-0.044798	0.047294
-0.0600	-0.1000	0.968302	0.030338					0.036904	0.034807
0.1000	-0.1000	0.998250	0.000617					0.140099	0.007805
-1.5000	-0.1250	0.979126	0.031075					-0.034763	0.027069
-1.3400	-0.1250	0.978498	0.032710					-0.039782	0.031733
-1.1800	-0.1250	0.976193	0.026816					-0.035251	0.023847
-1.0200	-0.1250	0.970552	0.035513					-0.037579	0.029291
-0.8600	-0.1250	0.956945	0.032948					-0.033328	0.024113
-0.7000	-0.1250	0.950058	0.032484					-0.045477	0.033102
-0.5400	-0.1250	0.962223	0.034260					-0.036861	0.030037
-0.3800	-0.1250	0.947418	0.040048					-0.057738	0.039411
-0.2200	-0.1250	0.960130	0.035066					-0.033682	0.029865
-0.0600	-0.1250	0.997315	0.010218					0.030067	0.012358
0.1000	-0.1250	0.991464	0.006904					0.121067	0.008066
-1.5000	-0.1500	0.995384	0.014610					-0.048798	0.009827
-1.3400	-0.1500	0.997732	0.011557					-0.050767	0.010385
-1.1800	-0.1500	1.002450	0.011820					-0.050996	0.009760
-1.0200	-0.1500	1.005650	0.013498					-0.053956	0.013202
-0.8600	-0.1500	0.997840	0.012915					-0.054748	0.010528
-0.7000	-0.1500	0.995566	0.015608					-0.059429	0.014842
-0.5400	-0.1500	0.993752	0.015397					-0.060910	0.012567
-0.3800	-0.1500	1.007380	0.011915					-0.053682	0.011265
-0.2200	-0.1500	1.002850	0.012618					-0.039697	0.010088

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0600	-0.1500	0.999239	0.007143					0.030593	0.009589
0.1000	-0.1500	0.994922	0.006232					0.105631	0.006873

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	0.1000	1.007500	0.010747					-0.056495	0.006850
-1.4000	0.1000	1.005710	0.008901					-0.053253	0.008925
-1.3000	0.1000	1.007440	0.009365					-0.055768	0.008705
-1.2000	0.1000	1.009459	0.008113					-0.054498	0.008271
-1.1000	0.1000	1.004410	0.008943					-0.059518	0.008224
-1.0000	0.1000	1.007669	0.011148					-0.055438	0.007559
-0.9000	0.1000	1.003619	0.008739					-0.056672	0.007998
-0.8000	0.1000	1.007139	0.008058					-0.059153	0.007856
-0.7000	0.1000	1.011009	0.008749					-0.060330	0.006989
-0.6000	0.1000	1.007899	0.007534					-0.058415	0.007668
-0.5000	0.1000	1.013040	0.007877					-0.063209	0.008272
-0.4000	0.1000	1.005679	0.008755					-0.066774	0.008381
-0.3000	0.1000	1.006610	0.006141					-0.084209	0.007578
-0.2000	0.1000	1.011979	0.006408					-0.115919	0.008723
-0.1000	0.1000	1.009680	0.026213					-0.150470	0.031633
0.0000	0.1000	0.984374	0.023009					0.186398	0.072708
0.1000	0.1000	0.999564	0.008155					0.174083	0.016242
-1.5000	0.0750	1.000700	0.009157					-0.051157	0.007658
-1.4000	0.0750	1.003739	0.010193					-0.053306	0.008997
-1.3000	0.0750	1.003320	0.010279					-0.054942	0.007905
-1.2000	0.0750	1.002210	0.009796					-0.059159	0.009353
-1.1000	0.0750	1.006000	0.008976					-0.055276	0.007156
-1.0000	0.0750	1.002760	0.009783					-0.057745	0.007172
-0.9000	0.0750	1.008920	0.007885					-0.059023	0.008973
-0.8000	0.0750	1.006940	0.007715					-0.058839	0.008691
-0.7000	0.0750	1.001960	0.007900					-0.059754	0.007700
-0.6000	0.0750	1.012219	0.007417					-0.061071	0.005282
-0.5000	0.0750	1.009620	0.007479					-0.065648	0.006686
-0.4000	0.0750	1.011120	0.006446					-0.068987	0.007724
-0.3000	0.0750	1.014380	0.006780					-0.083937	0.006592
-0.2000	0.0750	1.016500	0.007156					-0.119810	0.009606
-0.1000	0.0750	0.972389	0.046237					-0.229557	0.035522
0.0000	0.0750	0.970988	0.027655					0.341441	0.048068
0.1000	0.0750	1.000859	0.008650					0.196306	0.015131
-1.5000	0.0500	1.004319	0.009900					-0.055523	0.008198
-1.4000	0.0500	1.006140	0.005911					-0.055229	0.008039
-1.3000	0.0500	1.006040	0.008698					-0.055727	0.008713

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.2000	0.0500	1.002210	0.008971					-0.056868	0.007508
-1.1000	0.0500	1.003039	0.009408					-0.055355	0.008222
-1.0000	0.0500	1.007039	0.008350					-0.059191	0.007091
-0.9000	0.0500	1.008439	0.009770					-0.057143	0.008710
-0.8000	0.0500	1.006680	0.008768					-0.060087	0.006517
-0.7000	0.0500	1.004680	0.009767					-0.061058	0.009619
-0.6000	0.0500	1.005750	0.008751					-0.064560	0.007249
-0.5000	0.0500	1.008730	0.007914					-0.065837	0.007064
-0.4000	0.0500	1.007339	0.007258					-0.070328	0.008266
-0.3000	0.0500	1.014669	0.006480					-0.084659	0.007134
-0.2000	0.0500	1.025499	0.006579					-0.135708	0.011680
-0.1000	0.0500	0.999741	0.035347					-0.305078	0.047135
0.0000	0.0500	0.949418	0.040423					0.362849	0.031686
0.1000	0.0500	0.991480	0.009223					0.230896	0.027158
-1.5000	0.0250	1.003579	0.009421					-0.058195	0.008628
-1.4000	0.0250	1.009259	0.009790					-0.053603	0.006671
-1.3000	0.0250	1.005899	0.009683					-0.057741	0.008529
-1.2000	0.0250	1.004740	0.009600					-0.056248	0.007854
-1.1000	0.0250	1.006789	0.009178					-0.057011	0.007441
-1.0000	0.0250	1.008080	0.009800					-0.060377	0.007390
-0.9000	0.0250	1.004510	0.009031					-0.056523	0.008204
-0.8000	0.0250	1.005480	0.009946					-0.062013	0.007430
-0.7000	0.0250	1.006940	0.009210					-0.061006	0.006511
-0.6000	0.0250	1.008369	0.007829					-0.066949	0.007412
-0.5000	0.0250	1.008550	0.007203					-0.066775	0.007786
-0.4000	0.0250	1.007919	0.008790					-0.071096	0.006506
-0.3000	0.0250	1.013579	0.007611					-0.086767	0.007755
-0.2000	0.0250	1.016919	0.006422					-0.124464	0.010548
-0.1000	0.0250	1.002060	0.032303					-0.344319	0.036087
0.0000	0.0250	0.989502	0.038545					0.335168	0.054377
0.1000	0.0250	0.994953	0.007493					0.234610	0.014733
-1.5000	-0.0000	1.001490	0.008225					-0.057600	0.009371
-1.4000	-0.0000	1.001300	0.009315					-0.055861	0.007435
-1.3000	-0.0000	1.004930	0.010637					-0.055421	0.008081
-1.2000	-0.0000	0.998326	0.008024					-0.055194	0.007622
-1.1000	-0.0000	1.007190	0.009900					-0.053617	0.008211
-1.0000	-0.0000	1.006129	0.010237					-0.057953	0.009119
-0.9000	-0.0000	0.998133	0.007893					-0.059704	0.006138

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.8000	-0.0000	1.005569	0.008700					-0.059041	0.008064
-0.7000	-0.0000	1.000099	0.007928					-0.061869	0.007352
-0.6000	-0.0000	1.013349	0.007155					-0.064602	0.007794
-0.5000	-0.0000	1.003779	0.009223					-0.066085	0.006498
-0.4000	-0.0000	1.016740	0.008361					-0.073467	0.007185
-0.3000	-0.0000	1.013809	0.008665					-0.066551	0.008252
-0.2000	-0.0000	1.014859	0.006850					-0.120695	0.009432
-0.1000	-0.0000	1.020450	0.020059					-0.258835	0.027956
0.0000	-0.0000	0.992602	0.025137					0.357642	0.024776
0.1000	-0.0000	0.998535	0.007140					0.221126	0.010714
-1.5000	-0.0250	0.996157	0.008430					-0.056917	0.007799
-1.4000	-0.0250	1.000850	0.009408					-0.056775	0.008244
-1.3000	-0.0250	1.008309	0.009702					-0.059360	0.008305
-1.2000	-0.0250	1.010429	0.010671					-0.056527	0.008001
-1.1000	-0.0250	0.999014	0.010632					-0.055280	0.008256
-1.0000	-0.0250	1.005969	0.008096					-0.056243	0.009697
-0.9000	-0.0250	1.000420	0.008817					-0.058570	0.008356
-0.8000	-0.0250	1.008479	0.006413					-0.062465	0.008476
-0.7000	-0.0250	1.004510	0.008632					-0.063527	0.007214
-0.6000	-0.0250	1.004410	0.007813					-0.066333	0.007223
-0.5000	-0.0250	1.004919	0.010291					-0.069174	0.007491
-0.4000	-0.0250	1.009040	0.006273					-0.073846	0.007120
-0.3000	-0.0250	1.011709	0.006623					-0.082077	0.007843
-0.2000	-0.0250	1.015369	0.007145					-0.113356	0.008172
-0.1000	-0.0250	1.021359	0.007811					-0.193806	0.011268
0.0000	-0.0250	1.015800	0.011192					0.207324	0.027037
0.1000	-0.0250	0.994172	0.006212					0.200741	0.009945
-1.5000	-0.0500	1.005400	0.011186					-0.056438	0.011707
-1.4000	-0.0500	1.004419	0.012238					-0.059047	0.008598
-1.3000	-0.0500	1.001180	0.012088					-0.059693	0.011103
-1.2000	-0.0500	1.001765	0.010074					-0.059345	0.009572
-1.1000	-0.0500	1.004239	0.011477					-0.059578	0.012440
-1.0000	-0.0500	0.996910	0.010803					-0.060909	0.009986
-0.9000	-0.0500	1.007500	0.012473					-0.058629	0.010450
-0.8000	-0.0500	1.002640	0.008402					-0.061360	0.010107
-0.7000	-0.0500	1.006060	0.009740					-0.064289	0.008950
-0.6000	-0.0500	1.005329	0.006684					-0.068587	0.007226
-0.5000	-0.0500	1.009569	0.007156					-0.069072	0.006442

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.4000	-0.0500	1.007560	0.007634					-0.070605	0.007901
-0.3000	-0.0500	1.007210	0.009806					-0.076640	0.008443
-0.2000	-0.0500	1.019409	0.008944					-0.095249	0.011480
-0.1000	-0.0500	1.024059	0.007912					-0.118180	0.013896
0.0000	-0.0500	1.014409	0.012862					0.121177	0.028189
0.1000	-0.0500	0.999226	0.006881					0.176533	0.008516
-1.5000	-0.0750	0.969937	0.028739					-0.061770	0.026628
-1.4000	-0.0750	0.973453	0.027479					-0.061639	0.028648
-1.3000	-0.0750	0.953231	0.036308					-0.065567	0.030619
-1.2000	-0.0750	0.959358	0.030393					-0.061072	0.041192
-1.1000	-0.0750	0.968471	0.026727					-0.070980	0.027303
-1.0000	-0.0750	0.975053	0.025714					-0.067320	0.031038
-0.9000	-0.0750	0.985009	0.022375					-0.065198	0.031929
-0.8000	-0.0750	0.984760	0.024810					-0.066976	0.028713
-0.7000	-0.0750	0.979438	0.021884					-0.072746	0.023610
-0.6000	-0.0750	0.994831	0.017176					-0.075511	0.020201
-0.5000	-0.0750	1.000649	0.016031					-0.074653	0.019050
-0.4000	-0.0750	0.999766	0.022274					-0.073103	0.024504
-0.3000	-0.0750	1.010249	0.015657					-0.063226	0.019426
-0.2000	-0.0750	1.007099	0.019632					-0.076621	0.020200
-0.1000	-0.0750	1.019629	0.014939					-0.071077	0.017764
0.0000	-0.0750	0.981550	0.027912					0.138580	0.028807
0.1000	-0.0750	0.993489	0.006534					0.167518	0.005737
-1.5000	-0.1000	0.872408	0.039294					-0.035282	0.036297
-1.4000	-0.1000	0.855157	0.032194					-0.042503	0.040660
-1.3000	-0.1000	0.880354	0.038983					-0.035808	0.038639
-1.2000	-0.1000	0.889415	0.033141					-0.045279	0.046274
-1.1000	-0.1000	0.896427	0.035418					-0.036670	0.040678
-1.0000	-0.1000	0.883436	0.034833					-0.038863	0.038959
-0.9000	-0.1000	0.865883	0.033447					-0.081507	0.033652
-0.8000	-0.1000	0.896608	0.037258					-0.057525	0.044624
-0.7000	-0.1000	0.894749	0.037375					-0.064169	0.045768
-0.6000	-0.1000	0.907425	0.036358					-0.057012	0.039549
-0.5000	-0.1000	0.891609	0.040422					-0.053477	0.046851
-0.4000	-0.1000	0.922168	0.040183					-0.073313	0.041202
-0.3000	-0.1000	0.927294	0.037641					-0.062789	0.047778
-0.2000	-0.1000	0.944201	0.043564					-0.079990	0.036952
-0.1000	-0.1000	0.963148	0.037536					-0.022532	0.050631

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
0.0000	-0.1000	0.996116	0.013911					0.102154	0.013611
0.1000	-0.1000	1.001659	0.007686					0.143580	0.006451
-1.5000	-0.1250	0.975366	0.027142					-0.048021	0.033837
-1.4000	-0.1250	0.968316	0.034902					-0.040847	0.020127
-1.3000	-0.1250	0.975632	0.026292					-0.033899	0.022818
-1.2000	-0.1250	0.970828	0.028156					-0.036990	0.031146
-1.1000	-0.1250	0.966290	0.028134					-0.035058	0.025297
-1.0000	-0.1250	0.974735	0.034265					-0.039535	0.025948
-0.9000	-0.1250	0.969342	0.029071					-0.046050	0.030424
-0.8000	-0.1250	0.946573	0.034360					-0.045186	0.033958
-0.7000	-0.1250	0.964044	0.028094					-0.042883	0.033038
-0.6000	-0.1250	0.935282	0.035893					-0.041486	0.025961
-0.5000	-0.1250	0.943126	0.043041					-0.044570	0.035054
-0.4000	-0.1250	0.946404	0.039315					-0.053226	0.040641
-0.3000	-0.1250	0.943803	0.042936					-0.041057	0.032366
-0.2000	-0.1250	0.969360	0.040683					-0.028428	0.029044
-0.1000	-0.1250	0.995008	0.019808					0.005724	0.016299
0.0000	-0.1250	1.003380	0.006896					0.009584	0.008104
0.1000	-0.1250	1.004049	0.006890					0.114080	0.008083

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

A

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-2.2000	0.3000	1.005489	0.011994	0.996842	0.009079	0.020990	0.009777	-0.022830	0.011023
-2.0000	0.3000	1.000319	0.008541	0.997537	0.006920	0.022537	0.010823	-0.026538	0.010274
-1.8000	0.3000	1.007790	0.014143	0.996691	0.008556	0.018333	0.009438	-0.032503	0.012350
-1.6000	0.3000	1.008780	0.012275	1.000330	0.008133	0.024266	0.011538	-0.032175	0.012222
-1.4000	0.3000	1.008129	0.009888	0.999046	0.008759	0.031233	0.007028	-0.031700	0.010948
-1.2000	0.3000	1.007560	0.008868	0.995617	0.007415	0.032343	0.007447	-0.036167	0.012309
-1.0000	0.3000	1.009870	0.007865	1.001380	0.008192	0.035639	0.009393	-0.038978	0.011440
-0.8000	0.3000	1.012230	0.009260	0.994685	0.008583	0.045440	0.008832	-0.035478	0.010831
-0.6000	0.3000	1.002219	0.007277	1.004120	0.008446	0.064116	0.008998	-0.037308	0.008877
-0.4000	0.3000	1.006700	0.008124	1.003300	0.008213	0.084272	0.009901	-0.040451	0.010126
-0.2000	0.3000	1.005199	0.009074	0.997996	0.008009	0.126444	0.009981	-0.030610	0.010649
0.0000	0.3000	1.003699	0.006325	0.996104	0.009718	0.113426	0.011053	0.044263	0.007919
0.2000	0.3000	0.998259	0.005736	1.000319	0.007931	0.065987	0.008456	0.068617	0.009930
0.4000	0.3000	0.999848	0.006903	0.994260	0.008637	0.038022	0.011931	0.074890	0.011831
0.6000	0.3000	1.004359	0.005839	1.003570	0.007051	0.008612	0.013194	0.053785	0.012428
0.8000	0.3000	0.999436	0.005741	0.998607	0.007981	0.008664	0.013420	0.036832	0.011843
-2.2000	0.1500	1.000939	0.009628	0.999915	0.007296	0.008075	0.008639	-0.023646	0.008953
-2.0000	0.1500	0.995028	0.008904	0.997191	0.008305	0.035857	0.010151	-0.026820	0.012254
-1.8000	0.1500	0.997146	0.011076	1.003679	0.009119	0.035041	0.010094	-0.026905	0.011088
-1.6000	0.1500	0.998247	0.008440	0.996124	0.008857	0.026862	0.010582	-0.031067	0.010197
-1.4000	0.1500	1.000810	0.010618	1.002279	0.009889	0.020902	0.009351	-0.027370	0.011040
-1.2000	0.1500	1.005150	0.010665	0.997717	0.010078	0.017680	0.011180	-0.033062	0.008164
-1.0000	0.1500	1.007580	0.007795	0.998453	0.008438	0.036197	0.006466	-0.033280	0.011403
-0.8000	0.1500	1.010819	0.008847	0.994562	0.008197	0.039658	0.008281	-0.039270	0.009247
-0.6000	0.1500	1.002500	0.009332	1.001169	0.008643	0.056505	0.008133	-0.045572	0.008769
-0.4000	0.1500	1.009859	0.007935	1.001809	0.009957	0.071579	0.009587	-0.051522	0.009315
-0.2000	0.1500	1.018319	0.008585	0.996911	0.009146	0.198230	0.015476	-0.103471	0.012440
0.0000	0.1500	0.988970	0.015829	0.980279	0.009086	0.169284	0.011674	0.139707	0.024670
0.2000	0.1500	1.003799	0.006562	0.991603	0.009085	0.054014	0.007592	0.118878	0.011895
0.4000	0.1500	1.007190	0.006400	1.000620	0.008995	0.022269	0.008846	0.073002	0.009587
0.6000	0.1500	1.001229	0.005100	0.999139	0.007183	0.013658	0.008398	0.057950	0.011483
0.8000	0.1500	0.999678	0.005036	0.994866	0.007932	0.005620	0.008263	0.049621	0.007748
-2.2000	0.0000	0.999310	0.009191	0.993190	0.008868	0.008199	0.009278	-0.023977	0.010218
-2.0000	0.0000	1.001320	0.009626	1.004390	0.009063	0.004607	0.007350	-0.031477	0.010518
-1.8000	0.0000	0.998007	0.009288	0.999308	0.009469	0.020750	0.012915	-0.037666	0.009776
-1.6000	0.0000	1.001619	0.010060	0.994870	0.009041	0.022729	0.008591	-0.033396	0.012156
-1.4000	0.0000	0.998355	0.008374	0.993696	0.008262	0.028318	0.011491	-0.036765	0.008176

X/C = 2.6000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.2000	0.0000	1.002830	0.008657	0.999625	0.009382	0.022729	0.008493	-0.034570	0.009146
-1.0000	0.0000	1.002049	0.010330	0.995774	0.009200	0.037920	0.010728	-0.040624	0.008897
-0.8000	0.0000	0.999318	0.008491	0.997420	0.008567	0.041655	0.010042	-0.043820	0.008918
-0.6000	0.0000	1.005320	0.007558	0.997210	0.007772	0.047526	0.010907	-0.044520	0.007875
-0.4000	0.0000	1.004219	0.008580	1.000690	0.008687	0.043963	0.009463	-0.056513	0.008824
-0.2000	0.0000	1.012110	0.007896	1.016230	0.013704	-0.058214	0.023534	-0.120120	0.010671
0.0000	0.0000	0.980691	0.027033	0.986915	0.021720	-0.060376	0.035994	0.271712	0.035622
0.2000	0.0000	0.995813	0.007038	0.995900	0.009197	-0.000539	0.007443	0.150198	0.014028
0.4000	0.0000	0.996663	0.006788	0.999485	0.009563	-0.000838	0.011134	0.095052	0.010256
0.6000	0.0000	0.996681	0.005886	0.992197	0.008143	0.004355	0.008783	0.067755	0.007040
0.8000	0.0000	1.000070	0.004373	1.000440	0.010001	-0.002449	0.012407	0.052277	0.008780
-2.2000	-0.1500	0.989526	0.024691	0.901082	0.028237	0.004692	0.026814	-0.022267	0.020842
-2.0000	-0.1500	0.957916	0.029738	0.911978	0.029507	0.007837	0.027623	-0.020955	0.023409
-1.8000	-0.1500	0.947657	0.032053	0.933542	0.030633	0.014470	0.024370	-0.031923	0.037950
-1.6000	-0.1500	0.945737	0.028605	0.929744	0.032544	-0.007247	0.031037	-0.045009	0.028475
-1.4000	-0.1500	0.917148	0.021706	0.915917	0.024888	0.009161	0.033167	-0.081077	0.019611
-1.2000	-0.1500	0.932050	0.022775	0.924965	0.031813	-0.005857	0.028009	-0.027092	0.027982
-1.0000	-0.1500	0.930338	0.026996	0.942891	0.030663	-0.016344	0.021291	-0.040280	0.029049
-0.8000	-0.1500	0.923580	0.032261	0.935194	0.033307	-0.019104	0.030071	-0.042692	0.034174
-0.6000	-0.1500	0.927876	0.033358	0.924428	0.033444	-0.007971	0.033958	-0.041800	0.032545
-0.4000	-0.1500	0.936104	0.033767	0.938209	0.030094	-0.046851	0.030462	-0.044652	0.036041
-0.2000	-0.1500	0.947182	0.035309	0.969245	0.030688	-0.111562	0.025753	-0.010608	0.037685
0.0000	-0.1500	0.996132	0.007328	0.997209	0.009171	-0.108337	0.011084	0.088864	0.009199
0.2000	-0.1500	0.996777	0.006074	0.992653	0.007760	-0.028571	0.013544	0.095905	0.010110
0.4000	-0.1500	1.003070	0.006860	0.995750	0.008481	0.000666	0.015605	0.075165	0.009478
0.6000	-0.1500	1.004390	0.004895	0.997845	0.009412	-0.002957	0.011181	0.054609	0.008550
0.8000	-0.1500	0.997828	0.004595	0.995606	0.009382	-0.002772	0.008139	0.048908	0.006841
-2.2000	-0.3000	0.994759	0.013170	0.999126	0.008936	0.002998	0.009341	-0.024630	0.012419
-2.0000	-0.3000	0.996038	0.009555	0.998553	0.009994	0.004054	0.011485	-0.028708	0.011744
-1.8000	-0.3000	1.001089	0.009930	0.997370	0.009384	-0.002789	0.011243	-0.035451	0.012386
-1.6000	-0.3000	1.005939	0.008269	1.001069	0.010245	-0.016680	0.007716	-0.036134	0.009502
-1.4000	-0.3000	1.000850	0.009520	1.002870	0.011113	-0.022523	0.009460	-0.033221	0.011301
-1.2000	-0.3000	1.002319	0.007682	1.001160	0.008172	-0.035256	0.009737	-0.034143	0.011211
-1.0000	-0.3000	0.994518	0.008758	0.996766	0.009926	-0.043747	0.010143	-0.037319	0.009315
-0.8000	-0.3000	0.988921	0.008166	1.000440	0.009410	-0.049919	0.009890	-0.045476	0.008622
-0.6000	-0.3000	0.992361	0.008046	0.996814	0.008300	-0.056472	0.010249	-0.040196	0.010754
-0.4000	-0.3000	0.999640	0.006572	1.004809	0.007563	-0.072191	0.012653	-0.028990	0.011353
-0.2000	-0.3000	1.003750	0.006477	1.001909	0.008679	-0.073965	0.009145	0.001004	0.007562

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
0.0000	-0.3000	1.001860	0.007605	0.999327	0.010133	-0.067929	0.009217	0.048755	0.009389
0.2000	-0.3000	0.994361	0.006498	1.002800	0.009161	-0.044733	0.008164	0.068090	0.008891
0.4000	-0.3000	0.993914	0.004682	1.001699	0.009421	-0.022169	0.010254	0.057417	0.011421
0.6000	-0.3000	1.002439	0.006262	0.991479	0.009352	-0.019578	0.011619	0.042377	0.009367
0.8000	-0.3000	1.001659	0.005836	0.999260	0.008067	-0.007573	0.009522	0.035799	0.008684

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.5000	0.3000	1.001730	0.007622	0.991432	0.005846	0.072350	0.005782	-0.035017	0.010322
-0.4000	0.3000	1.007730	0.007923	0.997791	0.006687	0.085329	0.007936	-0.038896	0.009059
-0.3000	0.3000	1.010349	0.008069	0.996352	0.008456	0.099155	0.008150	-0.041020	0.009028
-0.2000	0.3000	1.004829	0.007419	0.992352	0.006152	0.124877	0.009292	-0.029618	0.008903
-0.1000	0.3000	1.009930	0.007813	0.991044	0.006725	0.135032	0.007534	0.001477	0.007554
-0.0000	0.3000	1.000059	0.006302	0.991355	0.006223	0.121695	0.009019	0.045531	0.008781
0.1000	0.3000	0.991745	0.008781	0.994842	0.006348	0.085388	0.005200	0.074621	0.010251
0.2000	0.3000	1.004709	0.007306	0.988051	0.007780	0.060504	0.010225	0.076264	0.012096
0.3000	0.3000	1.006689	0.005874	0.991300	0.006602	0.051181	0.009701	0.070271	0.008780
0.4000	0.3000	1.000899	0.006103	0.989241	0.005921	0.040328	0.008632	0.070178	0.006613
0.5000	0.3000	0.999025	0.005121	0.998811	0.005309	0.019600	0.009800	0.062440	0.007979
-0.5000	0.2000	1.007529	0.009922	0.992081	0.006679	0.073135	0.008980	-0.036853	0.007216
-0.4000	0.2000	1.012670	0.007470	0.995340	0.007405	0.081517	0.009676	-0.049847	0.008560
-0.3000	0.2000	1.004869	0.007194	0.999235	0.007857	0.101624	0.010997	-0.058948	0.008690
-0.2000	0.2000	1.008340	0.007468	0.992926	0.007610	0.154299	0.016908	-0.065080	0.007444
-0.1000	0.2000	0.999205	0.008804	0.990183	0.007891	0.180824	0.019054	-0.038429	0.019052
-0.0000	0.2000	0.998832	0.010464	0.990288	0.007356	0.155978	0.009880	0.093407	0.019244
0.1000	0.2000	0.997014	0.007685	0.986847	0.006928	0.092716	0.007114	0.118428	0.005542
0.2000	0.2000	1.000179	0.006290	0.991978	0.006639	0.051444	0.008433	0.105690	0.011976
0.3000	0.2000	1.000750	0.006510	0.989828	0.005591	0.044390	0.007045	0.095646	0.010643
0.4000	0.2000	1.001109	0.006529	0.987517	0.006596	0.029956	0.012101	0.085401	0.009643
0.5000	0.2000	1.003440	0.006066	0.991955	0.006706	0.020807	0.008218	0.064989	0.010408
-0.5000	0.1000	1.014480	0.008238	0.995166	0.007892	0.066831	0.008946	-0.048908	0.008432
-0.4000	0.1000	1.003469	0.008110	0.995280	0.007237	0.063609	0.010608	-0.055555	0.008519
-0.3000	0.1000	1.005010	0.008135	0.998299	0.007384	0.085690	0.010336	-0.074678	0.011144
-0.2000	0.1000	1.013909	0.007807	0.999981	0.011840	0.103140	0.033341	-0.125542	0.014460
-0.1000	0.1000	0.999717	0.023714	0.954777	0.026766	0.367933	0.035639	-0.226646	0.050299
-0.0000	0.1000	0.983526	0.018489	0.972975	0.016402	0.152757	0.016176	0.238175	0.059144
0.1000	0.1000	0.994135	0.007347	0.986809	0.007986	0.060099	0.005886	0.195920	0.014764
0.2000	0.1000	0.995252	0.005565	0.989780	0.006865	0.036026	0.009676	0.137481	0.012819
0.3000	0.1000	1.003510	0.005033	0.993063	0.006231	0.019490	0.010849	0.098977	0.009030
0.4000	0.1000	1.002520	0.005758	0.993789	0.007036	0.013992	0.012035	0.087932	0.010585
0.5000	0.1000	0.997730	0.004604	0.997105	0.006291	0.008857	0.009737	0.074205	0.006761
-0.5000	0.0000	1.006909	0.007745	0.995451	0.007196	0.055214	0.013050	-0.050966	0.007432
-0.4000	0.0000	1.015209	0.006759	0.996028	0.006310	0.045249	0.012409	-0.061117	0.008970
-0.3000	0.0000	1.013740	0.006517	1.002100	0.009089	0.028571	0.008215	-0.074423	0.008907
-0.2000	0.0000	1.017920	0.007708	1.005659	0.013803	-0.039800	0.024608	-0.117825	0.015390

X/C = 2.6000

SEMI-SPAN WING VELOCITY DATA

B

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.0000	1.027300	0.017937	1.012130	0.025587	-0.333021	0.047160	-0.218969	0.043228
-0.0000	0.0000	0.981873	0.025404	0.987182	0.018532	-0.091637	0.035890	0.240304	0.031375
0.1000	0.0000	0.995386	0.007493	0.994438	0.006374	-0.013722	0.007733	0.202149	0.016771
0.2000	0.0000	0.993030	0.007228	0.989256	0.006618	0.000524	0.009375	0.148873	0.011474
0.3000	0.0000	1.000350	0.005289	0.991331	0.005601	-0.000827	0.009536	0.102001	0.009714
0.4000	0.0000	0.996556	0.005640	0.991762	0.007890	0.000273	0.008546	0.074145	0.006547
0.5000	0.0000	1.005329	0.004979	0.993292	0.006996	-0.002497	0.006061	0.075345	0.009100
-0.5000	-0.1000	1.006630	0.010549	0.996253	0.012031	0.040070	0.009708	-0.056302	0.011084
-0.4000	-0.1000	1.015900	0.009399	0.997332	0.015686	0.039136	0.009591	-0.056467	0.011197
-0.3000	-0.1000	1.014759	0.009724	0.998771	0.011233	0.010007	0.010311	-0.063328	0.011290
-0.2000	-0.1000	1.007799	0.010848	1.000039	0.018916	-0.056187	0.015788	-0.054634	0.015494
-0.1000	-0.1000	1.011129	0.013120	0.975700	0.026821	-0.141001	0.023099	-0.025847	0.020021
-0.0000	-0.1000	0.987456	0.020872	0.997747	0.009533	-0.115005	0.014688	0.120651	0.021582
0.1000	-0.1000	1.001400	0.006805	0.991505	0.007458	-0.051381	0.013228	0.142086	0.008674
0.2000	-0.1000	0.999721	0.007535	0.993652	0.007674	-0.022778	0.008753	0.116267	0.012107
0.3000	-0.1000	0.998049	0.006423	0.994496	0.007094	-0.013723	0.007686	0.087911	0.009194
0.4000	-0.1000	1.001650	0.005156	0.995185	0.007894	-0.013565	0.011185	0.074154	0.008182
0.5000	-0.1000	0.994769	0.005776	0.990530	0.007202	-0.006664	0.006216	0.067351	0.008098
-0.5000	-0.2000	0.997453	0.017962	1.000480	0.011080	-0.069747	0.010511	-0.044895	0.016056
-0.4000	-0.2000	1.002830	0.012862	0.998379	0.008478	-0.087269	0.008682	-0.040992	0.016297
-0.3000	-0.2000	1.000509	0.013284	0.995279	0.007885	-0.109267	0.012494	-0.033126	0.009056
-0.2000	-0.2000	1.000030	0.009959	1.002060	0.008253	-0.111692	0.007729	-0.009907	0.011139
-0.1000	-0.2000	1.005300	0.007715	0.997846	0.008250	-0.119389	0.012673	0.027879	0.010187
-0.0000	-0.2000	1.001789	0.006412	0.993735	0.008160	-0.086066	0.013517	0.069432	0.008147
0.1000	-0.2000	1.000019	0.005845	0.988267	0.007265	-0.062419	0.011018	0.090622	0.007558
0.2000	-0.2000	0.997538	0.006354	0.997561	0.007804	-0.041496	0.009603	0.091568	0.006715
0.3000	-0.2000	0.999886	0.005736	0.995989	0.007969	-0.026439	0.007324	0.067420	0.008094
0.4000	-0.2000	1.001820	0.005953	0.995533	0.010021	-0.018313	0.008257	0.063836	0.006834
0.5000	-0.2000	0.995270	0.005377	0.996749	0.007656	-0.008556	0.010859	0.059311	0.010797
-0.5000	-0.3000	0.994616	0.006304	0.996952	0.008732	-0.067204	0.012750	-0.039538	0.008758
-0.4000	-0.3000	1.003019	0.007570	0.999143	0.008643	-0.072123	0.008161	-0.029638	0.008217
-0.3000	-0.3000	0.996087	0.007354	0.995518	0.009735	-0.085241	0.009896	-0.023253	0.008299
-0.2000	-0.3000	1.001149	0.007587	0.994181	0.008711	-0.082529	0.007896	0.003444	0.007792
-0.1000	-0.3000	1.000999	0.006627	0.995442	0.009014	-0.084693	0.010638	0.023257	0.010438
-0.0000	-0.3000	1.006490	0.007239	0.997519	0.007619	-0.074952	0.007872	0.047646	0.007432
0.1000	-0.3000	0.993424	0.006551	0.997185	0.006379	-0.054644	0.013595	0.060681	0.005652
0.2000	-0.3000	1.005019	0.006493	0.996591	0.007948	-0.036420	0.011175	0.066288	0.009095
0.3000	-0.3000	0.997221	0.005526	0.995118	0.007602	-0.033677	0.012561	0.066461	0.005852

100

B

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
0.4000	-0.3000	0.998020	0.006324	0.992709	0.008448	-0.027302	0.010758	0.057465	0.007551
0.5000	-0.3000	0.991751	0.006557	0.991160	0.008227	-0.014112	0.010760	0.055156	0.008587

101

X/C = 2.6000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.3100	0.1500	1.006740	0.008486	0.999790	0.006949	0.090426	0.012491	-0.064158	0.006482
-0.2600	0.1500	1.011160	0.006957	1.001860	0.007774	0.117911	0.016282	-0.080193	0.010094
-0.2100	0.1500	1.014359	0.007406	0.997022	0.007657	0.145878	0.013918	-0.090478	0.012882
-0.1600	0.1500	1.014660	0.008957	0.986949	0.010645	0.249660	0.017404	-0.103210	0.012112
-0.1100	0.1500	1.007010	0.011702	0.980927	0.012008	0.269821	0.027242	-0.092318	0.021028
-0.0600	0.1500	0.996605	0.015444	0.979098	0.014013	0.258013	0.024708	0.006739	0.040379
-0.0100	0.1500	1.004680	0.015840	0.987429	0.007403	0.171040	0.010025	0.071971	0.032643
0.0400	0.1500	0.991414	0.009959	0.989036	0.006032	0.122129	0.007361	0.152111	0.020620
0.0900	0.1500	0.999307	0.008578	0.992699	0.006622	0.088609	0.006501	0.183560	0.014980
-0.3100	0.1000	1.008699	0.007075	1.004439	0.008097	0.077970	0.014787	-0.069370	0.007803
-0.2600	0.1000	1.015109	0.009906	1.005389	0.007220	0.103068	0.024225	-0.097279	0.011017
-0.2100	0.1000	1.013189	0.007837	1.001470	0.007593	0.136934	0.018685	-0.115021	0.013179
-0.1600	0.1000	1.013330	0.008970	0.984539	0.015642	0.228885	0.036566	-0.148931	0.020955
-0.1100	0.1000	1.016549	0.017830	0.953501	0.028557	0.401717	0.025327	-0.188771	0.033437
-0.0600	0.1000	0.981302	0.023836	0.977570	0.020149	0.272537	0.028417	-0.148877	0.109235
-0.0100	0.1000	0.972802	0.018604	0.975340	0.018426	0.165486	0.018270	0.206609	0.036570
0.0400	0.1000	0.980038	0.019426	0.985573	0.010813	0.099783	0.008144	0.257604	0.032939
0.0900	0.1000	1.004169	0.007367	0.993324	0.007081	0.064210	0.005210	0.183657	0.016482
-0.3100	0.0500	1.007950	0.008441	0.999427	0.007532	0.059298	0.012480	-0.076442	0.008854
-0.2600	0.0500	1.018049	0.009391	1.001949	0.007346	0.058041	0.011753	-0.101170	0.009009
-0.2100	0.0500	1.016600	0.008184	1.004680	0.005972	0.060590	0.027696	-0.122958	0.014196
-0.1600	0.0500	1.023729	0.011332	0.986918	0.024813	0.149467	0.060062	-0.183931	0.029225
-0.1100	0.0500	1.025100	0.021636	1.010110	0.025436	-0.123592	0.138345	-0.382923	0.039851
-0.0600	0.0500	1.021839	0.027607	0.964545	0.034032	0.059224	0.066018	-0.368967	0.063869
-0.0100	0.0500	0.984696	0.034791	0.992759	0.017395	0.053494	0.022425	0.410428	0.067353
0.0400	0.0500	0.984227	0.017335	0.994460	0.011621	0.046710	0.013348	0.295577	0.045110
0.0900	0.0500	0.991266	0.012225	0.992250	0.005959	0.036940	0.007334	0.221874	0.013606
-0.3100	-0.0000	1.013189	0.007771	1.006229	0.007486	0.031093	0.006666	-0.074915	0.007626
-0.2600	-0.0000	1.013009	0.009760	1.007020	0.007854	0.015328	0.010643	-0.086945	0.010248
-0.2100	-0.0000	1.017859	0.007405	1.007389	0.011050	-0.027223	0.020611	-0.104362	0.012137
-0.1600	-0.0000	1.011169	0.009517	1.010920	0.016411	-0.114806	0.033660	-0.146556	0.021653
-0.1100	-0.0000	1.020700	0.016819	1.016390	0.025777	-0.368439	0.031275	-0.221714	0.029368
-0.0600	-0.0000	1.009580	0.024375	0.992819	0.023958	-0.243369	0.082881	-0.106472	0.059849
-0.0100	-0.0000	0.984642	0.029385	0.991552	0.018018	-0.066746	0.039048	0.272542	0.040222
0.0400	-0.0000	0.993162	0.015776	0.991778	0.007266	-0.012515	0.009476	0.238156	0.019500
0.0900	-0.0000	0.997098	0.011690	0.991944	0.007020	-0.006988	0.015271	0.211583	0.019048
-0.3100	-0.0500	1.010590	0.008073	1.003469	0.007240	0.022515	0.006971	-0.066736	0.007958

X/C = 2.6000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2600	-0.0500	1.0013020	0.010529	1.006029	0.007061	-0.009550	0.011195	-0.071646	0.010635
-0.2100	-0.0500	1.0014589	0.009250	1.005210	0.008157	-0.048148	0.007909	-0.077463	0.013067
-0.1600	-0.0500	1.0014070	0.007741	1.020140	0.011291	-0.133723	0.021001	-0.092293	0.011348
-0.1100	-0.0500	1.0019890	0.016130	1.013510	0.018337	-0.183010	0.028495	-0.075936	0.020198
-0.0600	-0.0500	1.006080	0.020925	1.018040	0.016392	-0.164206	0.022105	0.020970	0.043086
-0.0100	-0.0500	1.014330	0.012315	0.987409	0.018250	-0.114828	0.019016	0.114978	0.023816
0.0400	-0.0500	0.994442	0.024529	0.999684	0.007641	-0.065644	0.013114	0.165790	0.026441
0.0900	-0.0500	0.999042	0.010021	0.995821	0.007939	-0.044181	0.016977	0.179456	0.008809
-0.3100	-0.1000	1.007620	0.009128	1.005850	0.011957	0.012578	0.010507	-0.059318	0.010643
-0.2600	-0.1000	1.011290	0.012292	1.008619	0.013822	-0.008243	0.011609	-0.062574	0.011700
-0.2100	-0.1000	1.014750	0.012306	1.006820	0.018385	-0.053880	0.016825	-0.056931	0.015001
-0.1600	-0.1000	1.011069	0.011957	0.997105	0.018154	-0.086308	0.012690	-0.054482	0.016068
-0.1100	-0.1000	1.010759	0.017449	0.995564	0.024933	-0.120792	0.022467	-0.030433	0.015145
-0.0600	-0.1000	0.990752	0.029915	0.972839	0.029033	-0.148644	0.024942	0.029400	0.036901
-0.0100	-0.1000	0.977519	0.024375	0.998346	0.008724	-0.156534	0.013931	0.101039	0.036088
0.0400	-0.1000	0.995471	0.014020	0.998972	0.006189	-0.083342	0.009858	0.136455	0.010289
0.0900	-0.1000	0.994404	0.008785	1.000159	0.007683	-0.065010	0.012164	0.141987	0.005700
-0.3100	-0.1500	0.920801	0.029559	0.933681	0.032921	-0.071851	0.035629	-0.042364	0.037664
-0.2600	-0.1500	0.946758	0.032634	0.949363	0.034339	-0.082809	0.031089	-0.025785	0.036386
-0.2100	-0.1500	0.960252	0.035880	0.971650	0.032235	-0.102466	0.026224	-0.024038	0.042210
-0.1600	-0.1500	0.952257	0.029655	1.001980	0.019473	-0.131967	0.015926	0.005977	0.032944
-0.1100	-0.1500	0.978406	0.027995	1.001080	0.010625	-0.130850	0.016557	0.014856	0.030500
-0.0600	-0.1500	0.991891	0.015701	1.001160	0.008478	-0.125059	0.012277	0.052904	0.018774
-0.0100	-0.1500	0.998377	0.009807	1.001140	0.010398	-0.116219	0.011703	0.083960	0.008641
0.0400	-0.1500	1.003420	0.007294	0.995014	0.006162	-0.064676	0.010427	0.105158	0.007047
0.0900	-0.1500	1.000179	0.007548	0.997025	0.007427	-0.072669	0.012340	0.109123	0.005279

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1600	0.1000	1.014609	0.010285	0.985183	0.019582	0.232914	0.046116	-0.165561	0.019791
-0.1350	0.1000	0.997693	0.012844	0.979968	0.023338	0.312725	0.037476	-0.202761	0.023547
-0.1100	0.1000	1.002680	0.015310	0.955791	0.027333	0.408597	0.031484	-0.202190	0.041869
-0.0850	0.1000	0.997969	0.021486	0.970711	0.024761	0.332012	0.031279	-0.216130	0.047751
-0.0600	0.1000	0.988155	0.020654	0.973692	0.023940	0.295189	0.046320	-0.101599	0.072288
-0.0350	0.1000	0.981115	0.024186	0.973255	0.018202	0.201858	0.020480	0.112475	0.089889
-0.0100	0.1000	0.966030	0.030976	0.981725	0.014768	0.174548	0.014852	0.301645	0.045245
0.0150	0.1000	0.980436	0.021772	0.984687	0.013332	0.126540	0.012111	0.256963	0.036251
0.0400	0.1000	0.984692	0.020518	0.991577	0.007778	0.103496	0.006285	0.279351	0.029915
-0.1600	0.0750	1.014910	0.009512	0.984985	0.020761	0.238495	0.043122	-0.199335	0.024002
-0.1350	0.0750	1.010150	0.014935	0.980237	0.030084	0.303582	0.086957	-0.243962	0.031018
-0.1100	0.0750	1.010189	0.016334	0.950851	0.030343	0.428664	0.035858	-0.269757	0.043666
-0.0850	0.0750	1.001869	0.023550	0.969468	0.031558	0.392191	0.032866	-0.392572	0.045079
-0.0600	0.0750	0.996350	0.028310	0.963676	0.027623	0.274042	0.043487	-0.212517	0.122219
-0.0350	0.0750	0.977590	0.029432	0.971310	0.020246	0.190824	0.033549	0.225813	0.065368
-0.0100	0.0750	0.978936	0.025932	0.976122	0.019746	0.130817	0.025155	0.375177	0.056755
0.0150	0.0750	0.977789	0.023099	0.983029	0.014768	0.105865	0.013419	0.367892	0.047494
0.0400	0.0750	0.982307	0.016744	0.997029	0.007965	0.082702	0.006917	0.239875	0.027353
-0.1600	0.0500	1.015570	0.009111	1.001820	0.021033	0.071973	0.087452	-0.179456	0.023677
-0.1350	0.0500	1.015909	0.012824	0.979688	0.024520	0.141372	0.122266	-0.222147	0.034606
-0.1100	0.0500	1.014040	0.021958	1.004629	0.030843	0.299895	0.125455	-0.321182	0.061016
-0.0850	0.0500	1.026050	0.027351	0.986619	0.028563	0.328747	0.064712	-0.397085	0.032110
-0.0600	0.0500	1.022550	0.026843	0.962617	0.029176	0.225879	0.065460	-0.355241	0.129159
-0.0350	0.0500	1.001450	0.038963	0.969195	0.025012	0.055480	0.044904	0.369167	0.080718
-0.0100	0.0500	0.974090	0.025367	0.984863	0.020210	0.073079	0.019792	0.435640	0.035706
0.0150	0.0500	0.976369	0.025219	0.981238	0.019668	0.025769	0.023437	0.403089	0.048554
0.0400	0.0500	0.983314	0.025411	0.989629	0.010412	0.040001	0.012580	0.309288	0.042470
-0.1600	0.0250	1.013430	0.010136	1.005159	0.024331	-0.089900	0.077567	-0.171625	0.026986
-0.1350	0.0250	1.019799	0.012096	1.001180	0.030749	-0.149326	0.147671	-0.210129	0.020728
-0.1100	0.0250	1.025789	0.019332	1.013570	0.028863	-0.293040	0.108325	-0.296786	0.047936
-0.0850	0.0250	1.026979	0.017005	1.012199	0.029662	-0.296494	0.072871	-0.304799	0.033726
-0.0600	0.0250	1.004950	0.023476	0.977578	0.025705	-0.078194	0.073576	-0.155456	0.197276
-0.0350	0.0250	0.995496	0.028984	0.976931	0.033134	-0.126640	0.074196	0.124279	0.227794
-0.0100	0.0250	0.965699	0.030361	0.993344	0.015852	0.001221	0.031126	0.364730	0.076730
0.0150	0.0250	0.972020	0.029738	0.986885	0.015309	0.020321	0.031580	0.336226	0.032115
0.0400	0.0250	0.988010	0.022312	0.989945	0.011426	0.001339	0.011888	0.288593	0.022921
-0.1600	-0.0000	1.018029	0.012917	1.011020	0.012938	-0.140424	0.020686	-0.166253	0.022657

104

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DLV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1350	-0.0000	1.021640	0.013626	1.024050	0.019035	-0.240892	0.037296	-0.188331	0.029539
-0.1100	-0.0000	1.016190	0.016976	1.020760	0.018346	-0.342583	0.043467	-0.183268	0.043612
-0.0850	-0.0000	1.022820	0.020866	1.010630	0.025331	-0.367082	0.042678	-0.194384	0.043570
-0.0600	-0.0000	0.997153	0.020875	0.998439	0.024431	-0.210485	0.052859	-0.152354	0.098530
-0.0350	-0.0000	0.998273	0.022586	0.994791	0.029075	-0.137989	0.042690	-0.029257	0.124134
-0.0100	-0.0000	0.970376	0.028959	0.996429	0.017697	-0.104344	0.034495	0.267028	0.045948
0.0150	-0.0000	0.977680	0.024013	0.976387	0.017159	-0.053663	0.028814	0.289767	0.022058
0.0400	-0.0000	0.996478	0.019713	0.989305	0.011893	-0.024842	0.020159	0.236502	0.015646
-0.1600	-0.0250	1.012939	0.016606	1.009839	0.017425	-0.143030	0.041910	-0.123624	0.012560
-0.1350	-0.0250	1.012759	0.012226	1.012059	0.021126	-0.206251	0.034732	-0.119452	0.022230
-0.1100	-0.0250	1.014999	0.019102	1.010019	0.022449	-0.272956	0.032530	-0.138845	0.027878
-0.0850	-0.0250	1.015450	0.021440	1.009170	0.024055	-0.279152	0.026805	-0.086834	0.033914
-0.0600	-0.0250	0.997147	0.021103	0.996606	0.022563	-0.231192	0.050900	-0.037393	0.052925
-0.0350	-0.0250	0.988603	0.025563	1.001849	0.017355	-0.136390	0.029652	0.039528	0.056367
-0.0100	-0.0250	0.980739	0.025086	0.994735	0.018431	-0.120212	0.025415	0.186609	0.033244
0.0150	-0.0250	0.999560	0.021997	0.991412	0.019895	-0.064854	0.019709	0.204620	0.021727
0.0400	-0.0250	0.986222	0.017501	0.996279	0.008505	-0.067431	0.020857	0.196917	0.023013
-0.1600	-0.0500	1.014469	0.007875	1.009659	0.018329	-0.137510	0.027328	-0.090067	0.011480
-0.1350	-0.0500	1.012520	0.010330	1.005300	0.015386	-0.166467	0.032013	-0.099576	0.015034
-0.1100	-0.0500	1.007720	0.010155	1.008479	0.019173	-0.187666	0.020349	-0.084432	0.018609
-0.0850	-0.0500	1.009470	0.015500	1.015340	0.020035	-0.174469	0.025954	-0.059556	0.026582
-0.0600	-0.0500	0.995322	0.020956	1.010630	0.015336	-0.162268	0.025710	-0.011481	0.037355
-0.0350	-0.0500	1.007099	0.018482	0.988070	0.020277	-0.122593	0.028679	0.055167	0.036033
-0.0100	-0.0500	1.002339	0.016767	0.984364	0.020922	-0.124382	0.022928	0.084619	0.031033
0.0150	-0.0500	0.994326	0.022631	0.997166	0.012742	-0.095545	0.022033	0.146622	0.026609
0.0400	-0.0500	0.964659	0.025541	1.002509	0.007782	-0.065272	0.015097	0.168294	0.028035
-0.1600	-0.0750	1.011279	0.007938	1.019239	0.008754	-0.100724	0.009236	-0.065776	0.011498
-0.1350	-0.0750	1.009540	0.007466	1.012360	0.008943	-0.130282	0.016538	-0.069524	0.011954
-0.1100	-0.0750	1.005260	0.008059	1.016669	0.009758	-0.144197	0.010552	-0.053273	0.010073
-0.0850	-0.0750	1.006200	0.010180	1.011970	0.017148	-0.148867	0.016694	-0.032214	0.014014
-0.0600	-0.0750	1.014350	0.008693	0.995478	0.018945	-0.156396	0.019265	0.001263	0.019001
-0.0350	-0.0750	1.007179	0.016694	0.987651	0.019918	-0.133831	0.025868	0.054034	0.027134
-0.0100	-0.0750	0.989315	0.020437	0.992148	0.017570	-0.129807	0.014006	0.091705	0.031689
0.0150	-0.0750	0.981961	0.027216	0.995878	0.009381	-0.112058	0.024846	0.123330	0.030617
0.0400	-0.0750	0.982007	0.019761	1.000660	0.007002	-0.079734	0.012642	0.161701	0.017795
-0.1600	-0.1000	1.009210	0.011770	1.012400	0.015644	-0.094335	0.015122	-0.052426	0.014988
-0.1350	-0.1000	1.004979	0.013590	1.002219	0.019820	-0.102806	0.014344	-0.038975	0.019950
-0.1100	-0.1000	1.007370	0.013923	0.990991	0.027985	-0.127327	0.023587	-0.032941	0.019450

105

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0850	-0.1000	1.009899	0.015751	0.974654	0.026164	-0.138583	0.021076	-0.008398	0.023984
-0.0600	-0.1000	0.989283	0.026436	0.977740	0.024532	-0.141011	0.020196	0.028315	0.035111
-0.0350	-0.1000	0.971202	0.026681	0.998201	0.013516	-0.126258	0.012528	0.077935	0.035796
-0.0100	-0.1000	0.971784	0.023477	1.000839	0.007985	-0.115091	0.019512	0.099053	0.036229
0.0150	-0.1000	0.984707	0.020740	0.999413	0.007649	-0.108186	0.012848	0.125683	0.019421
0.0400	-0.1000	0.993930	0.010915	0.994404	0.006586	-0.086421	0.010287	0.135899	0.009041

X/Z = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/Z	Z/Z	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0520	0.3000	1.008639	0.007600	0.992591	0.006198	0.127225	0.013584	0.024445	0.009757
-0.0420	0.3000	1.007210	0.008022	0.993632	0.005999	0.121254	0.008345	0.031006	0.007823
-0.0520	0.2800	1.006889	0.006776	0.987216	0.006589	0.124696	0.007405	0.014079	0.009751
-0.0420	0.2800	1.004339	0.007232	0.995597	0.007376	0.129451	0.010274	0.016844	0.010033
-0.0520	0.2600	1.008889	0.007613	0.993431	0.006217	0.147420	0.011135	0.016387	0.013243
-0.0420	0.2600	1.005549	0.008000	0.993334	0.006317	0.150244	0.013612	0.025205	0.011625
-0.0520	0.2400	1.010500	0.007958	0.988926	0.006954	0.166214	0.008829	0.025536	0.009936
-0.0420	0.2400	1.002399	0.007127	0.987064	0.007227	0.151538	0.011796	0.026673	0.010369
-0.0520	0.2200	1.007879	0.008388	0.988903	0.006349	0.153812	0.011555	0.014195	0.011787
-0.0420	0.2200	1.002509	0.007226	0.987193	0.006763	0.185702	0.011786	0.030712	0.016540
-0.0520	0.2000	1.008320	0.008367	0.990939	0.008310	0.174722	0.009565	0.028284	0.015786
-0.0420	0.2000	1.008080	0.009114	0.990255	0.006336	0.171943	0.012093	0.026452	0.018481
-0.0520	0.1800	1.011000	0.010731	0.984067	0.007806	0.195566	0.011660	0.010055	0.029827
-0.0420	0.1800	1.006430	0.009832	0.988124	0.007490	0.201086	0.016225	0.042407	0.023299
-0.0520	0.1600	1.006450	0.014834	0.984054	0.012716	0.219598	0.014779	0.006598	0.026523
-0.0420	0.1600	0.998408	0.015084	0.978726	0.012977	0.233447	0.020205	0.053758	0.036436
-0.0520	0.1400	0.998775	0.015699	0.982995	0.015434	0.230546	0.021048	0.047099	0.040953
-0.0420	0.1400	0.993029	0.019114	0.988258	0.011228	0.204461	0.020600	0.064774	0.041368
-0.0520	0.1200	1.006800	0.023731	0.967828	0.020854	0.286942	0.028800	-0.111982	0.066616
-0.0420	0.1200	1.006539	0.020381	0.968939	0.018202	0.242810	0.024807	0.057413	0.032071
-0.0520	0.1000	0.994984	0.024770	0.975198	0.019642	0.248898	0.037319	0.041845	0.125513
-0.0420	0.1000	0.982266	0.023320	0.970511	0.018818	0.222309	0.023371	0.181388	0.060632
-0.0520	0.0800	0.979108	0.023049	0.960065	0.023341	0.250193	0.036137	-0.126541	0.171759
-0.0420	0.0800	0.995398	0.024468	0.958122	0.030420	0.209050	0.046342	0.044660	0.130800
-0.0520	0.0600	1.015949	0.026937	0.953093	0.025452	0.183677	0.067047	-0.207182	0.217205
-0.0420	0.0600	0.990870	0.030526	0.965523	0.029533	0.165481	0.037637	-0.052093	0.164075
-0.0520	0.0400	1.015900	0.027882	0.968548	0.025390	0.067727	0.066521	-0.278524	0.143038
-0.0420	0.0400	1.019910	0.032109	0.973318	0.022007	-0.028384	0.074567	0.240531	0.137660
-0.0520	0.0200	1.022579	0.022557	0.971572	0.031605	-0.102762	0.070953	-0.104517	0.161018
-0.0420	0.0200	1.002179	0.025237	0.988863	0.023427	-0.088185	0.062717	-0.046555	0.161836
-0.0520	-0.0000	1.008719	0.020645	0.991655	0.025853	-0.218197	0.075117	-0.101776	0.070328
-0.0420	-0.0000	0.996492	0.024585	0.990935	0.027905	-0.120983	0.046017	-0.074764	0.111085
-0.0520	-0.0200	1.007390	0.019696	0.997337	0.026780	-0.190636	0.070187	0.026256	0.082849
-0.0420	-0.0200	1.021170	0.019060	1.005070	0.020393	-0.148190	0.038695	0.081597	0.091394
-0.0520	-0.0400	0.992533	0.024873	1.004200	0.014307	-0.159627	0.022251	-0.016551	0.056003
-0.0420	-0.0400	0.989706	0.025042	1.000600	0.017564	-0.149324	0.027141	0.099084	0.039800
-0.0520	-0.0600	1.019600	0.013504	1.002159	0.016599	-0.152148	0.021828	0.000257	0.023859

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

E

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0420	-0.0600	1.021720	0.013107	0.985806	0.022718	-0.135247	0.023421	0.052715	0.033129
-0.0520	-0.0800	1.018909	0.011468	0.981322	0.025132	-0.136957	0.017881	0.027336	0.018554
-0.0420	-0.0800	1.023049	0.013519	0.975134	0.022645	-0.142894	0.023358	0.024642	0.021198
-0.0520	-0.1000	0.990916	0.023979	0.991170	0.020869	-0.147361	0.015579	0.014271	0.023522
-0.0420	-0.1000	0.992754	0.026090	0.983910	0.021803	-0.140762	0.020456	0.063967	0.037678
-0.0520	-0.1200	0.985405	0.029943	0.998558	0.011302	-0.127368	0.018259	0.058143	0.035231
-0.0420	-0.1200	0.986769	0.025653	1.000340	0.010435	-0.140243	0.012450	0.069338	0.033229
-0.0520	-0.1400	0.986019	0.023047	1.002439	0.007132	-0.122087	0.016613	0.062043	0.016688
-0.0420	-0.1400	0.985221	0.022196	1.000099	0.007541	-0.128669	0.009063	0.052913	0.026906
-0.0520	-0.1600	1.004740	0.011131	0.996537	0.007181	-0.122610	0.016574	0.057223	0.013554
-0.0420	-0.1600	1.007099	0.011035	1.008759	0.007405	-0.125714	0.014720	0.060467	0.009772
-0.0520	-0.1800	1.000959	0.007834	1.001300	0.007907	-0.111333	0.013404	0.046984	0.008601
-0.0420	-0.1800	1.002660	0.008493	0.997750	0.007512	-0.123741	0.009776	0.054391	0.009015
-0.0520	-0.2000	1.004020	0.006608	0.996404	0.007282	-0.103236	0.009299	0.047228	0.009264
-0.0420	-0.2000	1.004649	0.009043	0.999451	0.008861	-0.101765	0.010014	0.054689	0.006283
-0.0520	-0.2200	1.002629	0.007634	0.998181	0.007854	-0.103882	0.010374	0.044618	0.006288
-0.0420	-0.2200	1.002509	0.006836	1.002299	0.009641	-0.086398	0.017392	0.044395	0.007820
-0.0520	-0.2400	1.005810	0.008279	0.996298	0.007545	-0.092251	0.010380	0.039526	0.008194
-0.0420	-0.2400	1.003280	0.008528	0.995714	0.007602	-0.097416	0.006996	0.038058	0.008462
-0.0520	-0.2600	1.009219	0.007887	0.998366	0.007737	-0.087121	0.013988	0.040120	0.007235
-0.0420	-0.2600	1.007270	0.006897	0.997609	0.007665	-0.087440	0.010448	0.044785	0.009165
-0.0520	-0.2800	1.003389	0.007355	0.994551	0.007274	-0.082955	0.010319	0.033220	0.007731
-0.0420	-0.2800	1.002130	0.006982	0.993868	0.008199	-0.081288	0.009487	0.037360	0.008016
-0.0520	-0.3000	1.005569	0.007013	0.993105	0.006886	-0.074561	0.009367	0.035730	0.007968
-0.0420	-0.3000	1.007580	0.006176	0.996318	0.007383	-0.073629	0.008885	0.036304	0.008046

108

X/C = 2.6000

SEMI-SPAN WING VELOCITY DATA

F

	Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
	-0.3000	0.0520	1.012810	0.008590	0.997532	0.007007	0.065000	0.008843	-0.084796	0.008464
	-0.2800	0.0520	1.015240	0.007686	1.001169	0.006895	0.055772	0.013281	-0.095693	0.007615
	-0.2600	0.0520	1.015070	0.010148	1.001619	0.006664	0.055671	0.014664	-0.100193	0.010365
	-0.2400	0.0520	1.017610	0.007653	1.003610	0.007833	0.060122	0.016256	-0.119322	0.013926
	-0.2200	0.0520	1.022530	0.009972	1.002760	0.009322	0.066445	0.024697	-0.148181	0.015705
	-0.2000	0.0520	1.018410	0.008772	1.007850	0.014348	0.060619	0.031847	-0.129463	0.016871
	-0.1800	0.0520	1.016520	0.008865	0.993240	0.019310	0.103729	0.054669	-0.142901	0.017278
	-0.1600	0.0520	1.026059	0.011728	0.999924	0.026790	0.108743	0.114124	-0.197615	0.032473
	-0.1400	0.0520	1.022869	0.014643	0.980097	0.018722	-0.011988	0.107704	-0.237064	0.041801
	-0.1200	0.0520	1.029389	0.017365	0.982593	0.036187	0.220505	0.135670	-0.276582	0.054053
	-0.1000	0.0520	1.025229	0.026441	0.988990	0.036198	0.329602	0.105383	-0.426360	0.043211
	-0.0800	0.0520	1.030299	0.026102	0.965132	0.031596	0.258514	0.098661	-0.404041	0.055440
	-0.0600	0.0520	1.002700	0.023865	0.954918	0.031024	0.196199	0.062725	-0.323429	0.111895
	-0.0400	0.0520	1.004210	0.034274	0.983295	0.025290	0.105613	0.034862	0.331836	0.062909
	-0.0200	0.0520	0.985408	0.031426	0.979706	0.019643	0.083008	0.028666	0.338494	0.059749
	0.0000	0.0520	0.974625	0.026370	0.972136	0.019567	0.057004	0.029331	0.362220	0.032136
	0.0200	0.0520	0.988852	0.022624	0.982663	0.014507	0.037924	0.027244	0.301114	0.051731
	0.0400	0.0520	0.987101	0.020656	0.992627	0.009609	0.047945	0.010084	0.294956	0.039040
	0.0600	0.0520	0.982230	0.019241	0.991110	0.008336	0.047120	0.011064	0.264091	0.019635
	0.0800	0.0520	0.995707	0.013517	0.991486	0.006436	0.038271	0.008801	0.245891	0.022527
	0.1000	0.0520	0.999210	0.011511	0.992339	0.006542	0.031919	0.008876	0.221411	0.026548
	0.1200	0.0520	0.995751	0.009857	0.995814	0.006746	0.023212	0.008325	0.213655	0.023864
	0.1400	0.0520	1.001100	0.010098	0.987931	0.005550	0.018445	0.007390	0.192927	0.019682
	0.1600	0.0520	1.005759	0.006250	0.988420	0.006041	0.018621	0.009221	0.169737	0.013293
	0.1800	0.0520	1.003030	0.006906	0.997894	0.006585	0.025217	0.008935	0.155190	0.011928
	0.2000	0.0520	1.002080	0.007583	0.995386	0.005988	0.019430	0.009769	0.146462	0.012514
	0.2200	0.0520	1.003440	0.007512	0.994906	0.006830	0.020759	0.009070	0.122141	0.009759
	0.2400	0.0520	1.002069	0.007637	0.991701	0.008467	0.012023	0.008595	0.135876	0.012789
	0.2600	0.0520	1.008309	0.008553	0.998156	0.007238	0.015971	0.010303	0.107385	0.016710
	0.2800	0.0520	1.007350	0.007680	0.994299	0.008525	0.020833	0.010759	0.114747	0.012536
	0.3000	0.0520	1.000239	0.006035	0.996356	0.006699	0.012417	0.008891	0.118952	0.011819
	-0.3000	0.0420	1.022059	0.007921	1.002769	0.007857	0.055102	0.010755	-0.087880	0.007252
	-0.2800	0.0420	1.019389	0.008040	1.004129	0.007953	0.048748	0.010246	-0.099691	0.008939
	-0.2600	0.0420	1.020980	0.008067	0.999698	0.006133	0.054160	0.012574	-0.095211	0.009723
	-0.2400	0.0420	1.021839	0.008560	1.002419	0.006279	0.047579	0.016093	-0.115215	0.015345
	-0.2200	0.0420	1.020229	0.009078	1.006639	0.007881	0.047451	0.018110	-0.119318	0.014422
	-0.2000	0.0420	1.019779	0.009430	1.007250	0.011453	0.022388	0.020694	-0.138924	0.019776

X/C = 2.6000

SEMI-SPAN WING VELOCITY DATA

F

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1800	0.0420	1.020189	0.008451	1.001289	0.020726	0.004701	0.031504	-0.170935	0.018677
-0.1600	0.0420	1.023439	0.010472	1.009740	0.020011	-0.027293	0.040457	-0.205817	0.029251
-0.1400	0.0420	1.016150	0.013504	0.983650	0.021571	-0.037298	0.081283	-0.234127	0.043801
-0.1200	0.0420	1.026130	0.017360	0.993904	0.031322	0.057588	0.228586	-0.268705	0.042221
-0.1000	0.0420	1.022189	0.020811	1.009370	0.033390	-0.217130	0.221587	-0.379631	0.065007
-0.0800	0.0420	1.010579	0.018581	0.989501	0.036446	-0.131269	0.136113	-0.412360	0.036589
-0.0600	0.0420	1.025060	0.027158	0.976575	0.024729	-0.048798	0.097409	-0.321833	0.137607
-0.0400	0.0420	1.006100	0.029288	0.981704	0.024794	0.013925	0.075481	0.198963	0.185294
-0.0200	0.0420	1.004789	0.036260	0.976891	0.021166	0.027173	0.044824	0.326551	0.068034
0.0000	0.0420	0.974404	0.029461	0.991036	0.015537	0.037033	0.025564	0.351672	0.036571
0.0200	0.0420	0.985282	0.024181	0.978070	0.017566	0.031803	0.018139	0.315476	0.045474
0.0400	0.0420	0.992330	0.022486	0.985838	0.010152	0.039465	0.013323	0.313579	0.036653
0.0600	0.0420	0.988085	0.021497	0.992318	0.006961	0.035405	0.012591	0.268729	0.016695
0.0800	0.0420	0.986826	0.021213	0.992893	0.008181	0.019090	0.011400	0.260670	0.019244
0.1000	0.0420	0.992204	0.014596	0.990172	0.006401	0.028167	0.007814	0.232707	0.026320
0.1200	0.0420	0.999099	0.006790	0.992829	0.005585	0.020099	0.011290	0.206688	0.013351
0.1400	0.0420	1.003449	0.008018	0.992878	0.005877	0.014577	0.010200	0.195621	0.014198
0.1600	0.0420	1.000910	0.007426	0.997457	0.007679	0.021004	0.010875	0.163783	0.015652
0.1800	0.0420	1.002250	0.008307	0.995636	0.005774	0.018433	0.009190	0.168621	0.012407
0.2000	0.0420	1.007689	0.007863	0.993294	0.006377	0.021565	0.009712	0.147939	0.012880
0.2200	0.0420	1.007799	0.008577	0.991776	0.007209	0.011106	0.010173	0.141448	0.011449
0.2400	0.0420	1.004530	0.008160	0.993181	0.005343	0.010177	0.009895	0.133161	0.014146
0.2600	0.0420	1.006120	0.006251	0.995417	0.006092	0.017908	0.007357	0.120544	0.008863
0.2800	0.0420	1.003650	0.005545	0.988503	0.007575	0.005619	0.005992	0.111351	0.010131
0.3000	0.0420	1.006100	0.008133	0.994890	0.006768	0.020563	0.007925	0.108937	0.009163

1011

X/Z = 2.60000

SEMI-SPAN WING VELOCITY DATA

G

Y/Z	Z/Z	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	-0.1000	0.983588	0.023913	0.984421	0.012863	0.034682	0.011747	-0.045658	0.019540
-1.3000	-0.1000	0.976921	0.020354	0.984150	0.015994	0.018401	0.021526	-0.042340	0.021446
-1.1000	-0.1000	0.993882	0.023539	0.982123	0.015947	0.039968	0.019535	-0.050180	0.017446
-0.9000	-0.1000	1.002649	0.016478	0.987489	0.010240	0.035959	0.014303	-0.051825	0.020218
-0.7000	-0.1000	1.005400	0.012908	0.996047	0.010095	0.040160	0.010305	-0.057055	0.012821
-0.5000	-0.1000	1.012170	0.011281	0.996999	0.009888	0.043258	0.013310	-0.057967	0.010446
-0.3000	-0.1000	1.017420	0.011256	1.002830	0.013619	0.007183	0.012464	-0.062840	0.013396
-0.1000	-0.1000	1.015759	0.015341	0.974337	0.027678	-0.128870	0.022696	-0.028385	0.016729
0.1000	-0.1000	1.000000	0.006103	0.991269	0.006803	-0.061532	0.011384	0.141512	0.006724
-1.5000	-0.1100	0.976236	0.027775	0.976485	0.019163	0.025106	0.017955	-0.062360	0.020029
-1.3000	-0.1100	0.954485	0.025781	0.971511	0.020259	0.032903	0.018470	-0.040580	0.027838
-1.1000	-0.1100	0.972380	0.025890	0.961982	0.030283	0.029304	0.021234	-0.050137	0.021827
-0.9000	-0.1100	0.982836	0.026981	0.974372	0.015931	0.037208	0.019810	-0.057786	0.020495
-0.7000	-0.1100	0.992315	0.019110	0.983209	0.015442	0.045003	0.017322	-0.057861	0.016575
-0.5000	-0.1100	1.005230	0.015337	0.984626	0.020178	0.047025	0.017241	-0.061319	0.013962
-0.3000	-0.1100	1.008220	0.013876	0.989297	0.019270	0.008355	0.019067	-0.060141	0.017244
-0.1000	-0.1100	1.000629	0.030186	0.981171	0.023770	-0.140053	0.025409	-0.024110	0.024330
0.1000	-0.1100	0.997020	0.006502	0.997954	0.008404	-0.052274	0.008061	0.131609	0.006715
-1.5000	-0.1200	0.933003	0.031657	0.950834	0.020455	0.029686	0.026999	-0.034695	0.027669
-1.3000	-0.1200	0.942813	0.028057	0.948894	0.024788	0.026066	0.022850	-0.043445	0.029233
-1.1000	-0.1200	0.952889	0.030887	0.943070	0.029862	0.017682	0.025524	-0.041718	0.028835
-0.9000	-0.1200	0.970369	0.026786	0.960152	0.024587	0.026504	0.019726	-0.052447	0.025037
-0.7000	-0.1200	0.982179	0.028945	0.961929	0.027273	0.037433	0.021687	-0.056692	0.023258
-0.5000	-0.1200	0.982501	0.021791	0.971651	0.019852	0.038279	0.019632	-0.057695	0.020901
-0.3000	-0.1200	1.003300	0.021182	0.966041	0.028476	-0.001555	0.025642	-0.064237	0.016466
-0.1000	-0.1200	0.983203	0.028901	0.977092	0.027258	-0.133524	0.021849	-0.004595	0.039260
0.1000	-0.1200	0.999100	0.005491	0.993183	0.006657	-0.051055	0.009342	0.129956	0.005957
-1.5000	-0.1300	0.925147	0.029318	0.920467	0.028314	0.012201	0.025884	-0.061350	0.024372
-1.3000	-0.1300	0.934475	0.032647	0.934632	0.021831	0.014442	0.030078	-0.040214	0.031313
-1.1000	-0.1300	0.935884	0.031592	0.919578	0.027499	0.016565	0.023736	-0.030995	0.030198
-0.9000	-0.1300	0.939706	0.030673	0.923649	0.027207	0.026284	0.023752	-0.042277	0.029206
-0.7000	-0.1300	0.960200	0.035610	0.951657	0.023123	0.037365	0.027609	-0.060770	0.027655
-0.5000	-0.1300	0.964722	0.032233	0.951510	0.025722	0.030394	0.024532	-0.056424	0.026265
-0.3000	-0.1300	0.972292	0.035696	0.941115	0.035978	-0.015701	0.036835	-0.054284	0.025218
-0.1000	-0.1300	0.964996	0.034158	0.979906	0.029281	-0.142719	0.019149	0.011079	0.040503
0.1000	-0.1300	0.999763	0.007110	0.993954	0.006352	-0.065045	0.016137	0.124467	0.006516
-1.5000	-0.1400	0.922048	0.030763	0.904184	0.026746	-0.004395	0.024512	-0.020486	0.023579

III

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

G

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.3000	-0.1400	0.924583	0.025644	0.912162	0.034123	0.020473	0.029245	-0.041001	0.030712
-1.1000	-0.1400	0.920646	0.028875	0.915120	0.025678	0.001947	0.031897	-0.032401	0.030283
-0.9000	-0.1400	0.934268	0.028216	0.907130	0.031028	0.011771	0.030386	-0.053394	0.030119
-0.7000	-0.1400	0.933150	0.033469	0.922266	0.025300	0.021594	0.025390	-0.054210	0.030931
-0.5000	-0.1400	0.949918	0.029480	0.934727	0.032414	0.016809	0.036285	-0.064509	0.024447
-0.3000	-0.1400	0.967542	0.034695	0.941878	0.031878	-0.065286	0.034050	-0.057736	0.028531
-0.1000	-0.1400	0.964166	0.033113	0.994359	0.011476	-0.133249	0.013547	0.016461	0.033194
0.1000	-0.1400	0.999356	0.007645	0.993474	0.006362	-0.052385	0.010900	0.119350	0.007001
-1.5000	-0.1500	0.918245	0.024939	0.901480	0.025989	0.003370	0.025843	-0.020051	0.024179
-1.3000	-0.1500	0.921205	0.031630	0.912996	0.026841	0.014774	0.029869	-0.037571	0.025028
-1.1000	-0.1500	0.937009	0.025289	0.915306	0.029297	0.007019	0.029700	-0.037918	0.031376
-0.9000	-0.1500	0.929079	0.030979	0.911088	0.028280	0.016648	0.028163	-0.031988	0.033004
-0.7000	-0.1500	0.925768	0.030045	0.901974	0.032503	0.002406	0.034612	-0.031417	0.027217
-0.5000	-0.1500	0.939638	0.033155	0.912253	0.031739	-0.009696	0.033856	-0.049667	0.031867
-0.3000	-0.1500	0.938591	0.036716	0.948630	0.038875	-0.066610	0.035153	-0.053479	0.037950
-0.1000	-0.1500	0.987273	0.026717	1.002259	0.009010	-0.136591	0.010278	0.030919	0.021106
0.1000	-0.1500	1.004519	0.007764	0.990439	0.006455	-0.058499	0.014048	0.114369	0.006595
-1.5000	-0.1600	0.943666	0.029020	0.909049	0.031723	0.000789	0.030547	-0.038352	0.031506
-1.3000	-0.1600	0.971240	0.026513	0.923264	0.027453	-0.016408	0.025654	-0.028100	0.024766
-1.1000	-0.1600	0.960478	0.020793	0.932730	0.029285	-0.012485	0.030374	-0.036079	0.025344
-0.9000	-0.1600	0.939841	0.029215	0.924017	0.030190	-0.031078	0.026322	-0.028888	0.026217
-0.7000	-0.1600	0.950275	0.031123	0.915867	0.029837	-0.015896	0.031627	-0.041969	0.028344
-0.5000	-0.1600	0.933708	0.035233	0.944626	0.032371	-0.056669	0.033381	-0.051580	0.033953
-0.3000	-0.1600	0.942223	0.036910	0.965076	0.032218	-0.081883	0.028401	-0.047682	0.041886
-0.1000	-0.1600	0.991245	0.019276	1.000460	0.007818	-0.129913	0.014842	0.023257	0.020475
0.1000	-0.1600	1.002040	0.007186	0.992781	0.008254	-0.064801	0.012617	0.107288	0.006462
-1.5000	-0.1700	0.983774	0.026328	0.936500	0.033915	-0.009747	0.028207	-0.030631	0.018978
-1.3000	-0.1700	0.979520	0.022762	0.963991	0.027688	-0.018949	0.025553	-0.030984	0.020183
-1.1000	-0.1700	0.983541	0.023665	0.968105	0.023868	-0.011523	0.023657	-0.031271	0.018455
-0.9000	-0.1700	0.967646	0.026344	0.953975	0.029775	-0.015568	0.031570	-0.044877	0.028307
-0.7000	-0.1700	0.950904	0.029801	0.949385	0.029830	-0.035369	0.030107	-0.042784	0.030500
-0.5000	-0.1700	0.939169	0.037713	0.955909	0.033926	-0.065410	0.023584	-0.041720	0.026872
-0.3000	-0.1700	0.965996	0.029540	0.976654	0.021681	-0.092635	0.017936	-0.025735	0.027627
-0.1000	-0.1700	0.998579	0.015491	1.002979	0.007556	-0.132984	0.013412	0.021171	0.015115
0.1000	-0.1700	1.002520	0.006781	0.997407	0.006160	-0.054185	0.008667	0.101470	0.006544
-1.5000	-0.1800	0.993364	0.019372	0.957219	0.022060	-0.015711	0.025000	-0.031502	0.017813
-1.3000	-0.1800	0.997766	0.020551	0.972113	0.021430	-0.027999	0.020594	-0.035129	0.012659
-1.1000	-0.1800	0.991891	0.021135	0.979802	0.024602	-0.032492	0.020935	-0.037850	0.019788

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.9000	-0.1800	0.982149	0.024526	0.971079	0.025231	-0.033176	0.025526	-0.035419	0.020799
-0.7000	-0.1800	0.978136	0.021625	0.964640	0.024966	-0.036457	0.021077	-0.038632	0.021146
-0.5000	-0.1800	0.983081	0.029467	0.976052	0.026197	-0.059382	0.021113	-0.048047	0.028845
-0.3000	-0.1800	0.986909	0.031055	0.993881	0.016330	-0.102261	0.015642	-0.031089	0.027930
-0.1000	-0.1800	1.008289	0.012111	0.999568	0.007897	-0.119019	0.010266	0.024727	0.010753
0.1000	-0.1800	1.004130	0.008677	0.997226	0.006870	-0.062413	0.011974	0.097673	0.006304
-1.5000	-0.1900	1.002530	0.012263	0.986116	0.018106	-0.015064	0.018978	-0.036463	0.012969
-1.3000	-0.1900	0.999342	0.012115	0.987051	0.016487	-0.021717	0.019762	-0.037867	0.012671
-1.1000	-0.1900	0.998570	0.015824	0.986698	0.011534	-0.032888	0.016371	-0.039541	0.014483
-0.9000	-0.1900	0.999577	0.020261	0.981392	0.017463	-0.034563	0.025671	-0.043932	0.017195
-0.7000	-0.1900	0.980608	0.020972	0.982017	0.020948	-0.046033	0.019208	-0.047083	0.021754
-0.5000	-0.1900	0.990347	0.020759	0.992315	0.015809	-0.065345	0.017959	-0.043212	0.020232
-0.3000	-0.1900	0.994127	0.019513	0.999029	0.009554	-0.103409	0.014278	-0.029292	0.019242
-0.1000	-0.1900	1.005269	0.011504	0.997879	0.007018	-0.112133	0.010877	0.022163	0.010956
0.1000	-0.1900	1.002430	0.008375	0.994177	0.007907	-0.070634	0.013873	0.098634	0.007001

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	-0.2000	1.003099	0.014745	0.987681	0.016313	-0.001657	0.013063	-0.038694	0.010807
-1.3000	-0.2000	1.007640	0.013049	0.991236	0.011773	-0.017813	0.011832	-0.045548	0.012390
-1.1000	-0.2000	1.002310	0.013283	0.998807	0.010048	-0.030296	0.012210	-0.045849	0.011282
-0.9000	-0.2000	1.001740	0.014992	0.993135	0.013005	-0.041950	0.013184	-0.047833	0.015838
-0.7000	-0.2000	1.006749	0.015462	0.995321	0.014908	-0.056541	0.014118	-0.046155	0.012746
-0.5000	-0.2000	1.003169	0.013243	0.995155	0.011754	-0.073535	0.011482	-0.040397	0.016266
-0.3000	-0.2000	1.003329	0.015159	1.001479	0.008194	-0.090701	0.009973	-0.029855	0.012521
-0.1000	-0.2000	1.008109	0.008489	0.998131	0.007966	-0.113790	0.008265	0.020322	0.009427
0.1000	-0.2000	1.007489	0.007885	0.994975	0.007245	-0.072408	0.014643	0.090764	0.006452
-1.5000	-0.2100	1.002390	0.013473	0.996919	0.010358	-0.021501	0.012513	-0.041470	0.008542
-1.3000	-0.2100	1.007620	0.012714	0.996609	0.009051	-0.018801	0.010961	-0.042861	0.009981
-1.1000	-0.2100	1.004410	0.011911	0.992885	0.008636	-0.023542	0.011965	-0.038930	0.009635
-0.9000	-0.2100	1.004080	0.010278	0.995114	0.008595	-0.045423	0.012901	-0.047072	0.012398
-0.7000	-0.2100	1.003429	0.011272	0.994822	0.008598	-0.050346	0.009414	-0.049018	0.011556
-0.5000	-0.2100	1.007549	0.012204	1.001019	0.008814	-0.071198	0.012549	-0.042242	0.010005
-0.3000	-0.2100	1.008650	0.010524	0.999540	0.006006	-0.090139	0.014248	-0.032201	0.009662
-0.1000	-0.2100	1.004410	0.008836	1.004800	0.008219	-0.108498	0.011526	0.021355	0.007992
0.1000	-0.2100	1.000469	0.007706	0.993561	0.006510	-0.049705	0.009026	0.088529	0.007090
-1.5000	-0.2200	1.005890	0.013115	0.996106	0.009468	-0.005815	0.013285	-0.044572	0.007422
-1.3000	-0.2200	1.006660	0.012513	0.998860	0.006886	-0.018972	0.010459	-0.042043	0.008429
-1.1000	-0.2200	1.008789	0.011785	0.992095	0.007877	-0.019060	0.010913	-0.047002	0.008546
-0.9000	-0.2200	1.008570	0.010354	0.991660	0.007663	-0.041529	0.012786	-0.048932	0.008039
-0.7000	-0.2200	1.008809	0.010391	0.995304	0.008002	-0.051334	0.007968	-0.050148	0.008307
-0.5000	-0.2200	1.005690	0.012113	0.998866	0.008062	-0.070870	0.008831	-0.045669	0.009895
-0.3000	-0.2200	1.009020	0.010318	0.999915	0.008323	-0.088898	0.010594	-0.030681	0.008834
-0.1000	-0.2200	1.009199	0.008859	1.005019	0.008824	-0.102123	0.015294	0.020412	0.008604
0.1000	-0.2200	1.005619	0.008201	0.995795	0.007059	-0.065025	0.007960	0.086956	0.007148

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2100	0.1000	1.011239	0.008701					-0.105747	0.011626
-0.1850	0.1000	1.011009	0.008537					-0.136972	0.015012
-0.1600	0.1000	1.009509	0.009418					-0.152626	0.012984
-0.1350	0.1000	1.010710	0.012853					-0.180920	0.015546
-0.1100	0.1000	1.003440	0.020038					-0.222780	0.037521
-0.0850	0.1000	0.992010	0.022045					-0.211500	0.036801
-0.0600	0.1000	0.984623	0.029271					-0.092797	0.105414
-0.0350	0.1000	0.990606	0.023081					0.065836	0.077648
-0.0100	0.1000	0.980310	0.020833					0.263877	0.040997
-0.2100	0.0750	1.011470	0.009107					-0.111385	0.009531
-0.1850	0.0750	1.012719	0.008281					-0.141679	0.020840
-0.1600	0.0750	1.013240	0.008073					-0.171827	0.021507
-0.1350	0.0750	1.006680	0.015709					-0.219399	0.033969
-0.1100	0.0750	1.011169	0.021600					-0.300107	0.035187
-0.0850	0.0750	1.018419	0.018769					-0.329087	0.040847
-0.0600	0.0750	0.985338	0.021621					-0.110399	0.140386
-0.0350	0.0750	0.966080	0.027254					0.279472	0.082540
-0.0100	0.0750	0.973356	0.024797					0.392224	0.054365
-0.2100	0.0500	1.015429	0.008576					-0.127482	0.014800
-0.1850	0.0500	1.017619	0.008682					-0.141262	0.011299
-0.1600	0.0500	1.016470	0.009727					-0.170414	0.019108
-0.1350	0.0500	1.013900	0.015098					-0.243627	0.032641
-0.1100	0.0500	1.011959	0.019991					-0.296162	0.051256
-0.0850	0.0500	1.001760	0.025679					-0.403010	0.034707
-0.0600	0.0500	1.003920	0.027096					-0.373217	0.065029
-0.0350	0.0500	0.987429	0.034746					0.376823	0.061185
-0.0100	0.0500	0.984034	0.032264					0.431222	0.038301
-0.2100	0.0250	1.015059	0.007849					-0.138469	0.016598
-0.1850	0.0250	1.014500	0.008710					-0.142759	0.014447
-0.1600	0.0250	1.015140	0.010410					-0.173951	0.034354
-0.1350	0.0250	1.019039	0.015660					-0.222060	0.039639
-0.1100	0.0250	1.020306	0.021157					-0.245478	0.051304
-0.0850	0.0250	1.004789	0.019593					-0.336167	0.050618
-0.0600	0.0250	1.014520	0.021346					-0.185338	0.126669
-0.0350	0.0250	0.996147	0.030343					0.327867	0.126906
-0.0100	0.0250	0.974041	0.024890					0.404920	0.034635
-0.2100	-0.0000	1.008280	0.008500					-0.124411	0.014754

X/C = 2.6000

SEMI-SPAN WING VELOCITY DATA

911

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1850	-0.0000	1.011359	0.007799					-0.140378	0.017126
-0.1600	-0.0000	1.020320	0.008488					-0.141646	0.020536
-0.1350	-0.0000	1.014319	0.012096					-0.167480	0.028365
-0.1100	-0.0000	1.018089	0.014354					-0.184807	0.038875
-0.0850	-0.0000	1.016560	0.017541					-0.207030	0.035911
-0.0600	-0.0000	1.003530	0.022236					-0.033671	0.097946
-0.0350	-0.0000	1.002629	0.023564					0.083478	0.129486
-0.0100	-0.0000	0.981514	0.025430					0.267621	0.042954
-0.2100	-0.0250	1.008070	0.008623					-0.093329	0.011248
-0.1850	-0.0250	1.011869	0.008913					-0.118823	0.013315
-0.1600	-0.0250	1.012030	0.009627					-0.120445	0.021031
-0.1350	-0.0250	1.011490	0.014485					-0.138788	0.025495
-0.1100	-0.0250	1.009999	0.018262					-0.139157	0.025939
-0.0850	-0.0250	1.014330	0.021345					-0.110358	0.033276
-0.0600	-0.0250	0.998695	0.024156					-0.099759	0.046672
-0.0350	-0.0250	0.995082	0.026686					0.146809	0.056203
-0.0100	-0.0250	0.979912	0.025047					0.175911	0.039220
-0.2100	-0.0500	1.011450	0.006755					-0.096338	0.010852
-0.1850	-0.0500	1.019449	0.007769					-0.098574	0.014039
-0.1600	-0.0500	1.013410	0.007541					-0.087962	0.017391
-0.1350	-0.0500	1.024630	0.010054					-0.093898	0.015563
-0.1100	-0.0500	1.017269	0.012775					-0.084255	0.023336
-0.0850	-0.0500	1.017790	0.014205					-0.062930	0.024385
-0.0600	-0.0500	1.000540	0.016360					0.008467	0.030131
-0.0350	-0.0500	1.006860	0.016806					0.067445	0.028944
-0.0100	-0.0500	1.016850	0.014019					0.113625	0.021916
-0.2100	-0.0750	1.016439	0.008294					-0.070452	0.008153
-0.1850	-0.0750	1.013769	0.010030					-0.069260	0.009989
-0.1600	-0.0750	1.018809	0.009391					-0.073168	0.010886
-0.1350	-0.0750	1.013720	0.007040					-0.071476	0.011873
-0.1100	-0.0750	1.009310	0.009826					-0.042310	0.011532
-0.0850	-0.0750	1.012239	0.011342					-0.028995	0.021632
-0.0600	-0.0750	1.019859	0.013294					0.027332	0.019478
-0.0350	-0.0750	1.006490	0.012804					0.050143	0.024604
-0.0100	-0.0750	0.985784	0.028313					0.090827	0.035131
-0.2100	-0.1000	1.011439	0.011834					-0.062676	0.012374
-0.1850	-0.1000	1.009139	0.013595					-0.050166	0.018885
-0.1600	-0.1000	1.013659	0.016580					-0.051185	0.017735

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

D

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1350	-0.1000	1.010690	0.010609					-0.045393	0.015518
-0.1100	-0.1000	1.005250	0.014778					-0.040485	0.014031
-0.0850	-0.1000	1.009060	0.018710					-0.010917	0.023386
-0.0600	-0.1000	1.006009	0.020912					0.022446	0.035136
-0.0350	-0.1000	0.994833	0.024328					0.034552	0.029877
-0.0100	-0.1000	0.981371	0.024748					0.108215	0.025581

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0480	0.2500	1.002299	0.008940					0.029000	0.013790
-0.0460	0.2500	0.996820	0.007650					0.019670	0.013460
-0.0480	0.2367	0.992050	0.008380					0.022720	0.013510
-0.0460	0.2367	1.004370	0.010050					0.028560	0.015040
-0.0480	0.2234	0.995400	0.007590					0.007060	0.014790
-0.0460	0.2234	1.001650	0.007180					0.035860	0.010290
-0.0480	0.2101	1.002069	0.008070					0.003450	0.013740
-0.0460	0.2101	0.997870	0.007240					0.034250	0.010530
-0.0480	0.1968	1.002619	0.008340					0.016340	0.016230
-0.0460	0.1968	1.003240	0.008870					0.024820	0.014910
-0.0480	0.1835	0.989270	0.006740					0.032550	0.012100
-0.0460	0.1835	0.995920	0.010860					0.031930	0.015720
-0.0480	0.1702	1.002569	0.010720					0.003760	0.027920
-0.0460	0.1702	0.989730	0.011890					0.022420	0.026330

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

E

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0480	0.2500	1.001949	0.009190					0.015130	0.010050
-0.0460	0.2500	0.995870	0.008220					0.026250	0.011290
-0.0480	0.2367	1.002749	0.008680					0.024510	0.011360
-0.0460	0.2367	1.002069	0.008530					0.027120	0.009120
-0.0480	0.2234	1.004149	0.008480					0.036140	0.016600
-0.0460	0.2234	1.006860	0.008800					0.037440	0.011850
-0.0480	0.2101	0.999570	0.009830					0.017530	0.011720
-0.0460	0.2101	0.998610	0.008810					0.026490	0.013990
-0.0480	0.1968	1.002349	0.008420					0.017370	0.018400
-0.0460	0.1968	1.013330	0.006460					0.017370	0.018680
-0.0480	0.1835	0.995680	0.010740					0.008970	0.018520
-0.0460	0.1835	1.000580	0.008570					0.029110	0.015700
-0.0480	0.1702	0.995370	0.010380					0.048710	0.018790
-0.0460	0.1702	0.992470	0.014190					0.043860	0.026730

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

E

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0480	0.2500	0.999670	0.007004					0.024783	0.009010
-0.0460	0.2500	1.002830	0.008411					0.026040	0.010166
-0.0480	0.2367	1.001710	0.007866					0.018592	0.009153
-0.0460	0.2367	1.003269	0.010223					0.019875	0.013531
-0.0480	0.2233	1.000159	0.006947					0.021951	0.013227
-0.0460	0.2233	0.993903	0.007684					0.026823	0.012113
-0.0480	0.2100	0.997520	0.009348					0.021070	0.021073
-0.0460	0.2100	0.996095	0.009883					0.032381	0.015428
-0.0480	0.1967	0.996682	0.010454					0.034416	0.016652
-0.0460	0.1967	0.999195	0.008807					0.016034	0.025083
-0.0480	0.1833	0.995745	0.010063					0.009994	0.020681
-0.0460	0.1833	0.996067	0.008396					0.035452	0.025211
-0.0480	0.1700	0.991755	0.010863					0.027125	0.025756
-0.0460	0.1700	0.996762	0.013391					0.033564	0.019191
-0.0480	0.1567	0.992408	0.014225					0.032824	0.030598
-0.0460	0.1567	0.996319	0.012471					0.021647	0.027469
-0.0480	0.1433	0.994493	0.020802					0.015285	0.048361
-0.0460	0.1433	0.988307	0.016465					0.055327	0.028318
-0.0480	0.1300	0.990342	0.017131					0.048556	0.048652
-0.0460	0.1300	0.997632	0.024082					-0.003051	0.065492
-0.0480	0.1167	1.000079	0.021357					0.060474	0.060996
-0.0460	0.1167	1.001619	0.018474					0.041486	0.067802
-0.0480	0.1033	0.980072	0.023889					0.150961	0.065564
-0.0460	0.1033	0.983377	0.024582					0.073191	0.090025
-0.0480	0.0900	0.987200	0.023602					0.047830	0.164279
-0.0460	0.0900	0.979968	0.030356					0.120108	0.112032
-0.0480	0.0767	0.981246	0.029740					0.125154	0.193804
-0.0460	0.0767	0.979875	0.031506					0.261514	0.105205
-0.0480	0.0633	0.990558	0.028370					0.212261	0.154899
-0.0460	0.0633	1.008719	0.034613					0.248884	0.134542
-0.0480	0.0500	1.012919	0.028045					-0.264744	0.148129
-0.0460	0.0500	1.010779	0.036525					0.306323	0.128912
-0.0480	0.0367	1.014770	0.028913					0.138072	0.224360
-0.0460	0.0367	1.008420	0.033227					0.303433	0.130787
-0.0480	0.0233	0.985483	0.025544					0.288473	0.084827
-0.0460	0.0233	0.998153	0.026333					-0.066811	0.186654
-0.0480	0.0100	0.986515	0.023197					-0.077185	0.148422

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0460	0.0100	0.976068	0.020518					0.175208	0.091155
-0.0480	-0.0033	1.002330	0.020483					0.072145	0.091049
-0.0460	-0.0033	1.003429	0.024410					-0.001484	0.113015
-0.0480	-0.0167	1.011419	0.019053					-0.004264	0.039647
-0.0460	-0.0167	1.011840	0.022857					0.074995	0.067045
-0.0480	-0.0300	1.004180	0.023841					0.028702	0.051062
-0.0460	-0.0300	0.989655	0.026546					0.060755	0.058499
-0.0480	-0.0433	0.989636	0.025255					0.078797	0.045791
-0.0460	-0.0433	0.988445	0.022860					-0.001556	0.038907
-0.0480	-0.0567	1.009970	0.015063					0.042819	0.044804
-0.0460	-0.0567	0.999983	0.020963					0.024043	0.028756
-0.0480	-0.0700	1.012529	0.013022					0.051148	0.024918
-0.0460	-0.0700	1.010200	0.013485					0.036755	0.030717
-0.0480	-0.0833	1.000079	0.016890					0.036397	0.025054
-0.0460	-0.0833	1.006760	0.017287					0.036335	0.030223
-0.0480	-0.0967	1.003759	0.021128					0.020653	0.027909
-0.0460	-0.0967	1.001750	0.022885					0.023408	0.022765
-0.0480	-0.1100	0.968899	0.028752					0.035937	0.036122
-0.0460	-0.1100	0.969921	0.028004					0.029811	0.027621
-0.0480	-0.1233	0.983067	0.021976					0.083784	0.022949
-0.0460	-0.1233	0.968604	0.027706					0.053315	0.036571
-0.0480	-0.1367	0.986088	0.026180					0.063970	0.017034
-0.0460	-0.1367	0.978719	0.023143					0.055645	0.027021
-0.0480	-0.1500	0.995876	0.014114					0.059028	0.013483
-0.0460	-0.1500	0.999912	0.011994					0.063996	0.013331

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

F

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2500	0.0500	1.013670	0.007452					-0.100799	0.013428
-0.2367	0.0500	1.012309	0.008738					-0.107339	0.011309
-0.2233	0.0500	1.010300	0.007331					-0.105285	0.014769
-0.2100	0.0500	1.005989	0.007366					-0.130854	0.017505
-0.1967	0.0500	1.009740	0.007843					-0.143184	0.013995
-0.1833	0.0500	1.013000	0.007879					-0.161511	0.015072
-0.1700	0.0500	1.005799	0.007001					-0.183439	0.022808
-0.1567	0.0500	1.011020	0.009760					-0.188398	0.031144
-0.1433	0.0500	1.014689	0.012682					-0.227132	0.033423
-0.1300	0.0500	1.011939	0.015082					-0.257944	0.052445
-0.1167	0.0500	1.010550	0.017046					-0.320253	0.063128
-0.1033	0.0500	1.024059	0.022729					-0.357364	0.065940
-0.0900	0.0500	1.008780	0.025037					-0.392649	0.040327
-0.0767	0.0500	0.998535	0.022004					-0.392556	0.037594
-0.0633	0.0500	1.011900	0.026653					-0.324746	0.130968
-0.0500	0.0500	1.012489	0.031329					-0.187095	0.203196
-0.0367	0.0500	1.008450	0.030099					0.365251	0.065644
-0.0233	0.0500	0.985376	0.030481					0.374578	0.071106
-0.0100	0.0500	0.968673	0.031652					0.388639	0.056617
0.0033	0.0500	0.966091	0.025554					0.408810	0.041983
0.0167	0.0500	0.977783	0.025082					0.324803	0.036850
0.0300	0.0500	0.992272	0.017570					0.293496	0.035905
0.0433	0.0500	0.976902	0.020972					0.288171	0.031597
0.0567	0.0500	0.979851	0.017555					0.265762	0.023156
0.0700	0.0500	0.980569	0.017613					0.276983	0.018596
0.0833	0.0500	0.983554	0.013418					0.239012	0.021028
0.0967	0.0500	0.989201	0.007520					0.224121	0.019430
0.1100	0.0500	0.989395	0.008053					0.211692	0.022326
0.1233	0.0500	0.991611	0.007096					0.189036	0.012684
0.1367	0.0500	0.994036	0.006832					0.190936	0.011781
0.1500	0.0500	0.986773	0.006962					0.171972	0.018788
-0.2500	0.0400	1.014030	0.007664					-0.099470	0.010617
-0.2367	0.0400	1.008849	0.006909					-0.116305	0.013422
-0.2233	0.0400	1.009950	0.007119					-0.113880	0.015729
-0.2100	0.0400	1.006720	0.008788					-0.122047	0.017223
-0.1967	0.0400	1.012489	0.007033					-0.138357	0.015369
-0.1833	0.0400	1.005650	0.009000					-0.155276	0.027809

F

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1700	0.0400	1.012799	0.010226					-0.157484	0.025574
-0.1567	0.0400	1.013350	0.007845					-0.179006	0.032872
-0.1433	0.0400	1.018009	0.011775					-0.206925	0.036912
-0.1300	0.0400	1.018749	0.011002					-0.247458	0.041371
-0.1167	0.0400	1.012650	0.019574					-0.306163	0.054104
-0.1033	0.0400	1.014750	0.019230					-0.396269	0.039299
-0.0900	0.0400	1.017540	0.021196					-0.377777	0.044926
-0.0767	0.0400	1.010779	0.023221					-0.389886	0.042500
-0.0633	0.0400	1.007710	0.025782					-0.310560	0.111022
-0.0500	0.0400	0.999904	0.029330					0.201600	0.188170
-0.0367	0.0400	1.014899	0.028830					0.340107	0.089012
-0.0233	0.0400	0.967222	0.025442					0.417523	0.039954
-0.0100	0.0400	0.977460	0.026364					0.420699	0.037089
0.0033	0.0400	0.974999	0.023324					0.382256	0.038349
0.0167	0.0400	0.980585	0.028042					0.380074	0.034512
0.0300	0.0400	0.952088	0.021973					0.316170	0.031859
0.0433	0.0400	0.984015	0.017059					0.287671	0.036587
0.0567	0.0400	0.976012	0.016268					0.266655	0.025995
0.0700	0.0400	0.987255	0.014104					0.261765	0.019888
0.0833	0.0400	0.973946	0.015816					0.244343	0.014375
0.0967	0.0400	0.992140	0.008433					0.226117	0.016614
0.1100	0.0400	0.989467	0.008662					0.190374	0.021648
0.1233	0.0400	0.993670	0.006243					0.202415	0.013481
0.1367	0.0400	0.991229	0.006368					0.187714	0.015706
0.1500	0.0400	0.993180	0.005600					0.161522	0.011076

123

X/C = 2.6000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.6100	-0.0800	1.002179	0.015084					-0.042383	0.017884
-1.5100	-0.0800	1.000919	0.014572					-0.039420	0.012427
-1.4100	-0.0800	0.998174	0.011884					-0.037920	0.015030
-1.3100	-0.0800	1.000939	0.011000					-0.042759	0.015209
-1.2100	-0.0800	1.004109	0.010732					-0.040612	0.015631
-1.1100	-0.0800	1.001189	0.011856					-0.043389	0.011395
-1.0100	-0.0800	1.002859	0.011818					-0.048484	0.010290
-0.9100	-0.0800	1.002749	0.010263					-0.043834	0.013130
-0.8100	-0.0800	1.004519	0.005648					-0.045661	0.011680
-0.7100	-0.0800	1.009210	0.005481					-0.043664	0.011247
-0.6100	-0.0800	1.011299	0.005075					-0.052913	0.012258
-0.5100	-0.0800	1.003449	0.005592					-0.053391	0.006896
-0.4100	-0.0800	1.009370	0.007941					-0.059095	0.009711
-0.3100	-0.0800	1.008109	0.009867					-0.064275	0.008227
-0.2100	-0.0800	1.020570	0.008525					-0.069811	0.012778
-0.1100	-0.0800	1.007569	0.010032					-0.051236	0.015073
-0.0100	-0.0800	0.986508	0.026506					0.121075	0.033598
-1.6100	-0.1050	0.975006	0.021155					-0.036670	0.026657
-1.5100	-0.1050	0.973368	0.023631					-0.040714	0.024323
-1.4100	-0.1050	0.979012	0.024131					-0.041391	0.026253
-1.3100	-0.1050	0.982754	0.015630					-0.045819	0.020496
-1.2100	-0.1050	0.984052	0.022664					-0.045380	0.022016
-1.1100	-0.1050	0.984732	0.022952					-0.047179	0.018312
-1.0100	-0.1050	0.992274	0.018140					-0.043252	0.022531
-0.9100	-0.1050	0.990365	0.021792					-0.043540	0.023530
-0.8100	-0.1050	0.992080	0.019512					-0.045564	0.017543
-0.7100	-0.1050	0.993950	0.019433					-0.050290	0.020313
-0.6100	-0.1050	1.005199	0.012539					-0.052944	0.014411
-0.5100	-0.1050	0.998805	0.014057					-0.053012	0.013672
-0.4100	-0.1050	1.008369	0.009311					-0.060885	0.012779
-0.3100	-0.1050	1.010130	0.010497					-0.061120	0.012334
-0.2100	-0.1050	1.009919	0.012932					-0.056768	0.016093
-0.1100	-0.1050	1.014799	0.015381					-0.025596	0.022680
-0.0100	-0.1050	0.987694	0.021098					0.123882	0.020819
-1.6100	-0.1300	0.928918	0.024546					-0.028796	0.033389
-1.5100	-0.1300	0.928257	0.036985					-0.043145	0.032113
-1.4100	-0.1300	0.921474	0.030208					-0.042989	0.029730

124

X/C = 2.6000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.3100	-0.1300	0.930998	0.026502					-0.043133	0.032879
-1.2100	-0.1300	0.922897	0.032096					-0.044700	0.031505
-1.1100	-0.1300	0.925992	0.029201					-0.056187	0.027869
-1.0100	-0.1300	0.934510	0.028953					-0.041117	0.028292
-0.9100	-0.1300	0.930492	0.028220					-0.053919	0.027576
-0.8100	-0.1300	0.941480	0.036867					-0.051237	0.026996
-0.7100	-0.1300	0.952643	0.030047					-0.044938	0.029837
-0.6100	-0.1300	0.968617	0.025208					-0.057914	0.025132
-0.5100	-0.1300	0.975711	0.026608					-0.056652	0.023629
-0.4100	-0.1300	0.986032	0.022116					-0.060136	0.024048
-0.3100	-0.1300	0.990486	0.026093					-0.057945	0.026779
-0.2100	-0.1300	0.966685	0.031612					-0.052211	0.030189
-0.1100	-0.1300	0.972830	0.025883					-0.015391	0.032626
-0.0100	-0.1300	0.997171	0.013336					0.092349	0.013421
-1.6100	-0.1550	0.939495	0.029720					-0.021093	0.025241
-1.5100	-0.1550	0.942333	0.030889					-0.019795	0.023391
-1.4100	-0.1550	0.953082	0.026808					-0.029292	0.026473
-1.3100	-0.1550	0.948245	0.030209					-0.032254	0.034274
-1.2100	-0.1550	0.939331	0.032085					-0.042707	0.027789
-1.1100	-0.1550	0.941572	0.032919					-0.023666	0.024007
-1.0100	-0.1550	0.939862	0.031510					-0.033899	0.030832
-0.9100	-0.1550	0.926715	0.029039					-0.029980	0.030140
-0.8100	-0.1550	0.942801	0.037943					-0.042231	0.032193
-0.7100	-0.1550	0.983609	0.022248					-0.035602	0.030506
-0.6100	-0.1550	0.972870	0.021466					-0.035171	0.027574
-0.5100	-0.1550	0.974420	0.022976					-0.036817	0.033439
-0.4100	-0.1550	0.963904	0.023747					-0.029230	0.036460
-0.3100	-0.1550	0.969232	0.025036					-0.026142	0.042262
-0.2100	-0.1550	0.961250	0.028921					-0.006744	0.029954
-0.1100	-0.1550	0.984493	0.018568					0.029536	0.021216
-0.0100	-0.1550	0.997267	0.006269					0.076169	0.009619

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.6100	-0.0800	0.989244	0.013609					-0.037186	0.013034
-1.5100	-0.0800	0.999438	0.014838					-0.042069	0.013087
-1.4100	-0.0800	0.997870	0.012771					-0.038558	0.012868
-1.3100	-0.0800	1.002049	0.014242					-0.042263	0.011913
-1.2100	-0.0800	0.994679	0.012847					-0.041880	0.011458
-1.1100	-0.0800	0.997883	0.010213					-0.041694	0.011609
-1.0100	-0.0800	1.004550	0.009861					-0.044624	0.008616
-0.9100	-0.0800	1.003759	0.010108					-0.048554	0.008167
-0.8100	-0.0800	1.002580	0.008790					-0.048069	0.008420
-0.7100	-0.0800	0.995697	0.009488					-0.046953	0.008553
-0.6100	-0.0800	1.004459	0.008860					-0.050152	0.009187
-0.5100	-0.0800	1.001829	0.007415					-0.049455	0.006489
-0.4100	-0.0800	1.008940	0.008444					-0.055176	0.007778
-0.3100	-0.0800	1.007179	0.007500					-0.066202	0.010029
-0.2100	-0.0800	1.009640	0.007049					-0.071367	0.007400
-0.1100	-0.0800	1.011920	0.009034					-0.041550	0.015922
-0.0100	-0.0800	0.989377	0.022267					0.091791	0.027629
-1.6100	-0.1050	0.967553	0.026532					-0.051191	0.019277
-1.5100	-0.1050	0.970845	0.028512					-0.044404	0.021876
-1.4100	-0.1050	0.969828	0.027610					-0.040146	0.024359
-1.3100	-0.1050	0.976054	0.028457					-0.043049	0.024336
-1.2100	-0.1050	0.977348	0.022471					-0.040549	0.020531
-1.1100	-0.1050	0.982889	0.023250					-0.049280	0.019721
-1.0100	-0.1050	0.982329	0.022013					-0.048260	0.020444
-0.9100	-0.1050	0.984277	0.027347					-0.052815	0.013788
-0.8100	-0.1050	0.990791	0.018265					-0.049761	0.016990
-0.7100	-0.1050	0.995158	0.016380					-0.051962	0.016259
-0.6100	-0.1050	0.997522	0.012736					-0.050838	0.016266
-0.5100	-0.1050	1.005250	0.011985					-0.054280	0.015241
-0.4100	-0.1050	0.997857	0.010386					-0.057017	0.014098
-0.3100	-0.1050	1.009419	0.010407					-0.059991	0.012083
-0.2100	-0.1050	1.012560	0.014684					-0.052055	0.021687
-0.1100	-0.1050	1.017300	0.018330					-0.023675	0.026026
-0.0100	-0.1050	0.981962	0.022523					0.110076	0.021226
-1.6100	-0.1300	0.924255	0.028037					-0.021629	0.027196
-1.5100	-0.1300	0.915121	0.032084					-0.033929	0.033586
-1.4100	-0.1300	0.924782	0.033392					-0.045074	0.032600

126

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.3100	-0.1300	0.928582	0.031047					-0.034693	0.028967
-1.2100	-0.1300	0.923351	0.026197					-0.037584	0.032284
-1.1100	-0.1300	0.918197	0.027211					-0.038594	0.032290
-1.0100	-0.1300	0.938843	0.027264					-0.029716	0.029953
-0.9100	-0.1300	0.930203	0.026989					-0.054592	0.024607
-0.8100	-0.1300	0.932373	0.028419					-0.044426	0.028520
-0.7100	-0.1300	0.946144	0.035101					-0.044001	0.029524
-0.6100	-0.1300	0.965654	0.028523					-0.062208	0.024439
-0.5100	-0.1300	0.968499	0.031563					-0.048359	0.027437
-0.4100	-0.1300	0.970500	0.029869					-0.068034	0.022275
-0.3100	-0.1300	0.970103	0.032938					-0.061675	0.026060
-0.2100	-0.1300	0.975555	0.030840					-0.045604	0.030443
-0.1100	-0.1300	0.964456	0.030702					-0.003713	0.037407
-0.0100	-0.1300	0.987501	0.012422					0.084428	0.016932
-1.6100	-0.1550	0.944598	0.029916					-0.015299	0.020067
-1.5100	-0.1550	0.946569	0.033655					-0.023797	0.023195
-1.4100	-0.1550	0.948767	0.031171					-0.025697	0.027954
-1.3100	-0.1550	0.955588	0.031222					-0.021124	0.019854
-1.2100	-0.1550	0.944645	0.029769					-0.037007	0.026156
-1.1100	-0.1550	0.943301	0.029194					-0.028876	0.026615
-1.0100	-0.1550	0.937165	0.032233					-0.033643	0.028090
-0.9100	-0.1550	0.923049	0.028971					-0.038760	0.031751
-0.8100	-0.1550	0.917681	0.028160					-0.045219	0.030627
-0.7100	-0.1550	0.942367	0.028982					-0.054394	0.023321
-0.6100	-0.1550	0.934330	0.030386					-0.041461	0.032630
-0.5100	-0.1550	0.918158	0.030349					-0.035476	0.028904
-0.4100	-0.1550	0.940177	0.031017					-0.042991	0.031269
-0.3100	-0.1550	0.928020	0.037135					-0.040936	0.034848
-0.2100	-0.1550	0.953011	0.029060					-0.019664	0.036862
-0.1100	-0.1550	0.976103	0.024487					0.019202	0.022354
-0.0100	-0.1550	0.999963	0.006738					0.083332	0.008003
-1.6100	-0.1800	0.988984	0.017753					-0.033994	0.013907
-1.5100	-0.1800	0.993268	0.017980					-0.032537	0.015746
-1.4100	-0.1800	0.986403	0.016987					-0.034529	0.011317
-1.3100	-0.1800	0.986582	0.017047					-0.033825	0.015348
-1.2100	-0.1800	0.983483	0.017855					-0.038001	0.016710
-1.1100	-0.1800	0.980521	0.018117					-0.037014	0.015849
-1.0100	-0.1800	0.977755	0.021474					-0.034863	0.020113

X/C = 2.60000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.9100	-0.1800	0.984067	0.019704					-0.034688	0.015620
-0.8100	-0.1800	0.960487	0.031851					-0.034386	0.020093
-0.7100	-0.1800	0.963018	0.029917					-0.034848	0.023173
-0.6100	-0.1800	0.967960	0.026272					-0.041081	0.029100
-0.5100	-0.1800	0.959705	0.035151					-0.034916	0.023441
-0.4100	-0.1800	0.970581	0.028589					-0.039408	0.024215
-0.3100	-0.1800	0.979426	0.024294					-0.025666	0.020829
-0.2100	-0.1800	0.987504	0.015063					-0.011721	0.019499
-0.1100	-0.1800	0.994882	0.009975					0.024936	0.009771
-0.0100	-0.1800	0.998279	0.005290					0.071853	0.005499

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (II)	STD DEV	U (VI)	STD DEV	V	STD DEV	W	STD DEV
-0.0430	0.2000	0.999035	0.007764	0.190633	0.014467	0.000000	0.000000	0.000000	0.000000
-0.0420	0.2000	0.991347	0.008888	0.173203	0.011950	0.000000	0.000000	0.000000	0.000000
-0.0430	0.1867	0.994032	0.008603	0.172314	0.013652	0.000000	0.000000	0.000000	0.000000
-0.0420	0.1867	0.990679	0.009760	0.182936	0.017392	0.000000	0.000000	0.000000	0.000000
-0.0430	0.1733	0.988459	0.009904	0.214196	0.028181	0.000000	0.000000	0.000000	0.000000
-0.0420	0.1733	0.986745	0.010901	0.203399	0.013094	0.000000	0.000000	0.000000	0.000000
-0.0430	0.1600	0.987269	0.009708	0.191686	0.013576	0.000000	0.000000	0.000000	0.000000
-0.0420	0.1600	0.989303	0.008781	0.204199	0.017313	0.000000	0.000000	0.000000	0.000000
-0.0430	0.1467	0.989229	0.008877	0.194563	0.008472	0.000000	0.000000	0.000000	0.000000
-0.0420	0.1467	0.989543	0.011802	0.211383	0.011914	0.000000	0.000000	0.000000	0.000000
-0.0430	0.1333	0.981690	0.015617	0.231482	0.012461	0.000000	0.000000	0.000000	0.000000
-0.0420	0.1333	0.975697	0.015068	0.228867	0.017450	0.000000	0.000000	0.000000	0.000000
-0.0430	0.1200	0.969945	0.021056	0.269852	0.056020	0.000000	0.000000	0.000000	0.000000
-0.0420	0.1200	0.974583	0.019378	0.228987	0.026237	0.000000	0.000000	0.000000	0.000000
-0.0430	0.1067	0.966160	0.023564	0.221979	0.035267	0.000000	0.000000	0.000000	0.000000
-0.0420	0.1067	0.976274	0.022324	0.244137	0.032988	0.000000	0.000000	0.000000	0.000000
-0.0430	0.0933	0.972209	0.021089	0.206856	0.028921	0.000000	0.000000	0.000000	0.000000
-0.0420	0.0933	0.978160	0.024260	0.208625	0.023922	0.000000	0.000000	0.000000	0.000000
-0.0430	0.0800	0.977988	0.028534	0.186986	0.042372	0.000000	0.000000	0.000000	0.000000
-0.0420	0.0800	0.961760	0.026911	0.198803	0.044401	0.000000	0.000000	0.000000	0.000000
-0.0430	0.0667	0.972996	0.025267	0.138642	0.045432	0.000000	0.000000	0.000000	0.000000
-0.0420	0.0667	0.960183	0.025561	0.201997	0.034589	0.000000	0.000000	0.000000	0.000000
-0.0430	0.0533	0.973161	0.029084	0.080386	0.069807	0.000000	0.000000	0.000000	0.000000
-0.0420	0.0533	0.974581	0.020097	0.071053	0.049940	0.000000	0.000000	0.000000	0.000000
-0.0430	0.0400	0.977419	0.025932	0.001590	0.074071	0.000000	0.000000	0.000000	0.000000
-0.0420	0.0400	0.969276	0.028203	0.071913	0.044082	0.000000	0.000000	0.000000	0.000000
-0.0430	0.0267	0.977344	0.030324	-0.027718	0.058708	0.000000	0.000000	0.000000	0.000000
-0.0420	0.0267	0.975599	0.029323	-0.018928	0.056346	0.000000	0.000000	0.000000	0.000000
-0.0430	0.0133	0.986503	0.025838	-0.088122	0.066984	0.000000	0.000000	0.000000	0.000000
-0.0420	0.0133	0.979927	0.033548	-0.118667	0.059547	0.000000	0.000000	0.000000	0.000000
-0.0430	0.0000	0.992067	0.022657	-0.189965	0.052675	0.000000	0.000000	0.000000	0.000000
-0.0420	0.0000	0.978894	0.028456	-0.133685	0.066676	0.000000	0.000000	0.000000	0.000000
-0.0430	-0.0133	1.003929	0.025148	-0.134283	0.034954	0.000000	0.000000	0.000000	0.000000
-0.0420	-0.0133	0.991514	0.026773	-0.136466	0.035779	0.000000	0.000000	0.000000	0.000000
-0.0430	-0.0267	1.006379	0.016493	-0.141240	0.023612	0.000000	0.000000	0.000000	0.000000
-0.0420	-0.0267	1.003759	0.020710	-0.152532	0.032177	0.000000	0.000000	0.000000	0.000000
-0.0430	-0.0400	1.008999	0.020002	-0.161140	0.030543	0.000000	0.000000	0.000000	0.000000

X/C = 2.60000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0420	-0.0400	1.004200	0.016358	-0.146730	0.030145	0.000000	0.000000		
-0.0430	-0.0533	1.006809	0.017278	-0.151728	0.023298	0.000000	0.000000		
-0.0420	-0.0533	0.998546	0.020071	-0.144901	0.024564	0.000000	0.000000		
-0.0430	-0.0667	0.995233	0.021990	-0.123123	0.028354	0.000000	0.000000		
-0.0420	-0.0667	0.991138	0.018469	-0.143181	0.023571	0.000000	0.000000		
-0.0430	-0.0800	0.982440	0.022443	-0.140997	0.024589	0.000000	0.000000		
-0.0420	-0.0800	0.987251	0.022138	-0.144358	0.023309	0.000000	0.000000		
-0.0430	-0.0933	0.978086	0.023487	-0.131425	0.019184	0.000000	0.000000		
-0.0420	-0.0933	0.995045	0.018626	-0.140003	0.014585	0.000000	0.000000		
-0.0430	-0.1067	1.000239	0.012960	-0.124966	0.022378	0.000000	0.000000		
-0.0420	-0.1067	1.001220	0.012162	-0.133483	0.017535	0.000000	0.000000		
-0.0430	-0.1200	1.001670	0.010686	-0.127902	0.019342	0.000000	0.000000		
-0.0420	-0.1200	1.002480	0.011288	-0.137650	0.018605	0.000000	0.000000		
-0.0430	-0.1333	1.002780	0.008474	-0.128193	0.016355	0.000000	0.000000		
-0.0420	-0.1333	0.999888	0.007868	-0.126996	0.010381	0.000000	0.000000		
-0.0430	-0.1467	1.003169	0.008676	-0.121757	0.012471	0.000000	0.000000		
-0.0420	-0.1467	1.002560	0.007657	-0.128826	0.014001	0.000000	0.000000		
-0.0430	-0.1600	1.001490	0.008289	-0.108117	0.013197	0.000000	0.000000		
-0.0420	-0.1600	0.999635	0.008937	-0.113871	0.013772	0.000000	0.000000		
-0.0430	-0.1733	1.003130	0.008963	-0.106630	0.013012	0.000000	0.000000		
-0.0420	-0.1733	1.004560	0.008065	-0.106377	0.012672	0.000000	0.000000		
-0.0430	-0.1867	1.002469	0.008328	-0.105232	0.013526	0.000000	0.000000		
-0.0420	-0.1867	1.002489	0.006973	-0.099288	0.013016	0.000000	0.000000		
-0.0430	-0.2000	0.999268	0.008175	-0.101418	0.014338	0.000000	0.000000		
-0.0420	-0.2000	1.001590	0.008741	-0.104235	0.010884	0.000000	0.000000		

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-2.2000	0.3000	1.006499	0.011385	1.002239	0.006734	0.023073	0.008899	-0.009690	0.011302
-2.0000	0.3000	1.009430	0.011529	0.998514	0.005602	0.014353	0.011250	-0.011849	0.011240
-1.8000	0.3000	1.007759	0.012565	1.000449	0.006840	0.030322	0.009169	-0.010488	0.007835
-1.6000	0.3000	1.009529	0.010288	1.002239	0.006269	0.012751	0.010828	-0.012393	0.009421
-1.4000	0.3000	1.005369	0.008209	1.004749	0.005931	0.024070	0.010901	-0.019267	0.010256
-1.2000	0.3000	1.004789	0.009939	0.994457	0.007167	0.031348	0.008044	-0.016953	0.010516
-1.0000	0.3000	1.006579	0.008803	1.002700	0.005557	0.035809	0.009939	-0.017343	0.009690
-0.8000	0.3000	1.006940	0.007876	1.000990	0.005816	0.049207	0.005755	-0.021981	0.009692
-0.6000	0.3000	1.003209	0.008412	0.999474	0.004953	0.062929	0.008484	-0.022768	0.009636
-0.4000	0.3000	1.008929	0.007995	0.999205	0.006221	0.096285	0.007948	-0.026443	0.009475
-0.2000	0.3000	1.007170	0.006956	0.997029	0.007690	0.151229	0.016170	-0.027018	0.008066
0.0000	0.3000	1.005540	0.007331	0.995047	0.006558	0.113530	0.006069	0.065160	0.009867
0.2000	0.3000	0.999683	0.005553	0.993241	0.005184	0.055670	0.007634	0.102540	0.010931
0.4000	0.3000	1.002090	0.006481	1.004939	0.006747	0.032061	0.006128	0.091053	0.008691
0.6000	0.3000	0.998244	0.006240	0.999587	0.008511	0.011738	0.009718	0.068596	0.008960
0.8000	0.3000	0.998730	0.005143	0.994373	0.006198	0.004849	0.008673	0.046458	0.007673
-2.2000	0.1000	0.999522	0.009586	1.001349	0.006752	0.022422	0.010198	-0.011984	0.009142
-2.0000	0.1000	1.003770	0.012030	0.995760	0.006208	0.021563	0.009298	-0.013813	0.008306
-1.8000	0.1000	1.004390	0.011563	0.995100	0.007572	0.040263	0.009258	-0.017295	0.008942
-1.6000	0.1000	1.006539	0.012816	0.999810	0.006916	0.027275	0.010992	-0.018045	0.007413
-1.4000	0.1000	1.006680	0.008820	1.000350	0.005851	0.024415	0.010669	-0.019435	0.009426
-1.2000	0.1000	1.004029	0.008878	0.999146	0.007516	0.028895	0.008937	-0.020234	0.008850
-1.0000	0.1000	1.003909	0.010787	1.005569	0.006732	0.035417	0.006778	-0.020409	0.009242
-0.8000	0.1000	1.005859	0.007392	1.001539	0.005827	0.040761	0.007293	-0.028030	0.008574
-0.6000	0.1000	1.003209	0.007086	1.003209	0.007937	0.055171	0.011452	-0.034663	0.008815
-0.4000	0.1000	1.006209	0.007127	1.002469	0.007731	0.072184	0.008171	-0.055793	0.008362
-0.2000	0.1000	1.010810	0.011678	0.990164	0.016367	0.180208	0.057882	-0.154007	0.027306
0.0000	0.1000	0.987134	0.016431	0.984415	0.013876	0.093367	0.026943	0.323665	0.060496
0.2000	0.1000	0.997242	0.007235	1.000589	0.007904	0.027996	0.008537	0.151410	0.017520
0.4000	0.1000	1.001889	0.006125	0.999517	0.006968	0.012391	0.008130	0.099151	0.008109
0.6000	0.1000	0.997713	0.007678	1.000130	0.008067	0.007240	0.009194	0.071446	0.007590
0.8000	0.1000	0.996973	0.006608	0.994038	0.006651	-0.007025	0.010860	0.048551	0.007269
-2.2000	-0.1000	0.980456	0.019924	0.999638	0.010460	0.017175	0.017964	-0.027634	0.018040
-2.0000	-0.1000	0.987455	0.021235	0.993049	0.006918	0.013242	0.012412	-0.029008	0.022518
-1.8000	-0.1000	0.993939	0.015326	0.996787	0.008071	0.013370	0.012155	-0.034532	0.012185
-1.6000	-0.1000	0.998260	0.013912	0.997968	0.008549	0.031838	0.011556	-0.034794	0.013419
-1.4000	-0.1000	1.001969	0.012340	0.995272	0.007935	0.032136	0.015334	-0.035246	0.010114

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

A

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.2000	-0.1000	0.992031	0.012273	0.999498	0.007725	0.029999	0.012002	-0.035396	0.011648
-1.0000	-0.1000	1.002850	0.012227	1.001679	0.007024	0.043282	0.013063	-0.035698	0.010712
-0.8000	-0.1000	1.008459	0.007265	0.998069	0.007510	0.040434	0.012960	-0.040879	0.007871
-0.6000	-0.1000	1.001630	0.007818	1.005770	0.007094	0.040127	0.011252	-0.042029	0.007745
-0.4000	-0.1000	1.004499	0.006981	1.004580	0.007232	0.025227	0.008979	-0.050747	0.008440
-0.2000	-0.1000	1.010859	0.007912	1.013350	0.009601	-0.073741	0.012557	-0.056601	0.010385
0.0000	-0.1000	0.972356	0.019582	0.996183	0.013570	-0.091324	0.014965	0.111731	0.026630
0.2000	-0.1000	0.993130	0.005361	1.001189	0.006864	-0.032118	0.012579	0.113083	0.009442
0.4000	-0.1000	0.998607	0.004972	0.999889	0.007057	-0.008829	0.009900	0.075891	0.008393
0.6000	-0.1000	0.994676	0.005934	0.997636	0.006236	-0.007639	0.011632	0.053474	0.010984
0.8000	-0.1000	0.997201	0.005479	1.001129	0.007159	-0.009742	0.009933	0.046056	0.009137
-2.2000	-0.3000	1.001060	0.008975	1.000440	0.008037	0.013176	0.012029	-0.021481	0.009804
-2.0000	-0.3000	0.999041	0.012544	0.997294	0.008024	-0.000681	0.012884	-0.025579	0.010335
-1.8000	-0.3000	0.998424	0.010198	0.999758	0.010272	0.000862	0.007209	-0.033468	0.010017
-1.6000	-0.3000	1.003409	0.008685	0.996310	0.008110	-0.006940	0.007966	-0.029565	0.007704
-1.4000	-0.3000	1.001149	0.008639	0.999818	0.007292	-0.027818	0.010611	-0.025597	0.008951
-1.2000	-0.3000	1.004689	0.009434	1.002399	0.008781	-0.038177	0.010935	-0.031605	0.008322
-1.0000	-0.3000	0.995559	0.007695	1.004609	0.007613	-0.033136	0.008209	-0.038123	0.007461
-0.8000	-0.3000	0.997694	0.009636	1.004979	0.008290	-0.048231	0.009043	-0.040694	0.009933
-0.6000	-0.3000	1.001069	0.008846	1.001690	0.007720	-0.053548	0.010761	-0.034217	0.009574
-0.4000	-0.3000	1.001760	0.007336	1.002560	0.008580	-0.067491	0.007423	-0.025844	0.007865
-0.2000	-0.3000	1.001490	0.007576	0.995826	0.006586	-0.077104	0.013761	0.001512	0.008604
0.0000	-0.3000	0.998615	0.006912	1.000770	0.007282	-0.059509	0.009050	0.047133	0.009569
0.2000	-0.3000	0.998479	0.006793	0.999217	0.007498	-0.033436	0.007262	0.070449	0.006740
0.4000	-0.3000	0.997278	0.005681	0.998708	0.006905	-0.027994	0.013789	0.063455	0.007753
0.6000	-0.3000	0.997283	0.005932	0.996378	0.007946	-0.021644	0.011358	0.051292	0.007277
0.8000	-0.3000	0.994495	0.006429	1.002239	0.008258	-0.011770	0.009869	0.036395	0.007342
-2.2000	-0.5000	0.998371	0.010602	1.000190	0.009056	-0.004876	0.010387	-0.030838	0.012208
-2.0000	-0.5000	0.997189	0.012619	0.998792	0.008064	-0.001592	0.011289	-0.033378	0.009108
-1.8000	-0.5000	0.995559	0.010646	0.998393	0.008464	-0.005519	0.008669	-0.032924	0.010361
-1.6000	-0.5000	0.997720	0.011350	1.001750	0.008690	-0.020204	0.007967	-0.036432	0.008391
-1.4000	-0.5000	1.001209	0.010052	0.997365	0.007729	-0.021432	0.011380	-0.035228	0.009898
-1.2000	-0.5000	1.003819	0.009377	0.999772	0.007220	-0.031766	0.007707	-0.037018	0.009271
-1.0000	-0.5000	0.999539	0.008384	1.002049	0.009423	-0.034010	0.010958	-0.034952	0.011046
-0.8000	-0.5000	1.000190	0.008101	0.997962	0.007124	-0.038359	0.010897	-0.038259	0.009414
-0.6000	-0.5000	0.994903	0.006511	1.002600	0.007519	-0.048338	0.011086	-0.028957	0.010949
-0.4000	-0.5000	0.999673	0.008139	1.002749	0.008462	-0.048160	0.011117	-0.015949	0.009001
-0.2000	-0.5000	0.995158	0.007302	1.001980	0.008782	-0.042911	0.011648	-0.000293	0.010728

132

A

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
0.0000	-0.5000	0.991321	0.005261	1.000270	0.008537	-0.043443	0.010000	0.018981	0.008237
0.2000	-0.5000	0.998336	0.007618	1.005300	0.008458	-0.026677	0.011764	0.031217	0.010991
0.4000	-0.5000	0.999508	0.006510	0.998113	0.008384	-0.023604	0.010952	0.035312	0.007954
0.6000	-0.5000	0.997011	0.006553	0.997548	0.008549	-0.026741	0.010410	0.027465	0.008107
0.8000	-0.5000	0.993172	0.006041	0.999963	0.008149	-0.018048	0.012118	0.021966	0.007782

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.5000	0.3000	1.009789	0.008460	0.996986	0.006317	0.082266	0.008886	-0.029781	0.008480
-0.4000	0.3000	1.011200	0.007890	0.997073	0.006428	0.100263	0.010232	-0.032402	0.007277
-0.3000	0.3000	1.008719	0.006764	0.998378	0.005631	0.115399	0.014066	-0.031723	0.008006
-0.2000	0.3000	1.014589	0.008816	0.994886	0.007264	0.140931	0.015638	-0.026489	0.008223
-0.1000	0.3000	1.011660	0.009816	0.994171	0.008385	0.148824	0.011999	0.000877	0.013586
-0.0000	0.3000	1.005219	0.009057	0.992290	0.007298	0.117388	0.011618	0.070952	0.012452
0.1000	0.3000	1.000090	0.007902	0.994417	0.009137	0.088260	0.008225	0.085941	0.012564
0.2000	0.3000	1.001630	0.006576	0.994498	0.008415	0.058692	0.008628	0.096751	0.008949
0.3000	0.3000	1.003759	0.005922	1.000779	0.006288	0.039737	0.006541	0.082819	0.009370
0.4000	0.3000	1.002100	0.005423	0.998301	0.006557	0.033955	0.007394	0.070941	0.008811
0.5000	0.3000	1.000750	0.005547	0.996138	0.007149	0.023315	0.009438	0.073091	0.008375
-0.5000	0.2000	1.011470	0.008480	1.001570	0.007422	0.068641	0.010733	-0.037672	0.010152
-0.4000	0.2000	1.013800	0.006778	0.996343	0.006354	0.087720	0.009259	-0.054355	0.005876
-0.3000	0.2000	1.014640	0.008100	0.999807	0.006215	0.121740	0.009519	-0.063162	0.007341
-0.2000	0.2000	1.006419	0.008521	0.991947	0.008360	0.210666	0.018856	-0.082555	0.010131
-0.1000	0.2000	1.012739	0.014386	0.993512	0.007691	0.223909	0.020174	-0.052459	0.020865
-0.0000	0.2000	1.001340	0.011405	0.993879	0.008036	0.134378	0.008429	0.110495	0.020267
0.1000	0.2000	1.004970	0.008646	0.996397	0.008341	0.082252	0.006393	0.123850	0.014856
0.2000	0.2000	1.005010	0.006568	0.993349	0.006954	0.055530	0.007422	0.121313	0.008950
0.3000	0.2000	1.001320	0.006746	0.996318	0.005657	0.031026	0.006667	0.102234	0.015650
0.4000	0.2000	1.004419	0.006689	0.997235	0.007148	0.021814	0.008088	0.090744	0.013062
0.5000	0.2000	1.003090	0.005458	0.995796	0.006289	0.007309	0.009219	0.076368	0.010789
-0.5000	0.1000	1.009480	0.008945	1.001909	0.006024	0.064209	0.009212	-0.043713	0.007006
-0.4000	0.1000	1.006789	0.008194	1.000239	0.006729	0.073563	0.009414	-0.053729	0.008766
-0.3000	0.1000	1.011689	0.006895	1.002210	0.007698	0.076667	0.026830	-0.089535	0.012835
-0.2000	0.1000	1.009520	0.009070	0.990088	0.020129	0.141050	0.059996	-0.143626	0.026033
-0.1000	0.1000	1.017630	0.021179	0.976631	0.017882	0.291535	0.061188	-0.258239	0.072907
-0.0000	0.1000	0.990573	0.016204	0.981877	0.016070	0.080218	0.018530	0.311000	0.062616
0.1000	0.1000	0.993826	0.011082	0.994504	0.006798	0.043773	0.009535	0.214303	0.016822
0.2000	0.1000	0.999157	0.009350	0.996659	0.006521	0.027772	0.006803	0.153394	0.014295
0.3000	0.1000	1.006590	0.006860	0.995890	0.006804	0.023518	0.007928	0.110292	0.008351
0.4000	0.1000	1.010819	0.007190	0.990915	0.007005	0.014441	0.009448	0.095299	0.010558
0.5000	0.1000	1.003110	0.006096	0.997379	0.005966	0.001022	0.008346	0.088865	0.008579
-0.5000	0.0000	1.010579	0.008820	1.004680	0.006804	0.046626	0.009053	-0.048015	0.008971
-0.4000	0.0000	1.005260	0.006190	1.005480	0.007254	0.032330	0.013346	-0.059302	0.008237
-0.3000	0.0000	1.013149	0.008590	1.006080	0.007548	0.001297	0.012108	-0.076460	0.012369
-0.2000	0.0000	1.018270	0.010225	0.998921	0.018189	-0.115712	0.036395	-0.130981	0.030024

134

X/C = 3.5000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.0000	1.004959	0.016855	0.994049	0.018428	-0.243167	0.048745	-0.125520	0.046681
-0.0000	0.0000	1.000389	0.014818	0.989257	0.019383	-0.051976	0.025417	0.193987	0.040795
0.1000	0.0000	0.993048	0.011548	0.991126	0.006008	-0.010271	0.013543	0.202632	0.011699
0.2000	0.0000	0.996583	0.006852	0.996245	0.007936	-0.006163	0.009421	0.138298	0.012637
0.3000	0.0000	0.996311	0.005667	0.998960	0.007306	0.004184	0.010065	0.106783	0.008002
0.4000	0.0000	0.998901	0.004442	0.998969	0.007246	-0.005557	0.008780	0.081470	0.008366
0.5000	0.0000	1.002959	0.006164	0.999884	0.009000	-0.004757	0.010018	0.087110	0.008491
-0.5000	-0.1000	1.007509	0.008479	1.004649	0.008032	0.028211	0.010906	-0.047529	0.008178
-0.4000	-0.1000	1.010610	0.008116	1.006430	0.007694	0.020181	0.010832	-0.056737	0.007372
-0.3000	-0.1000	1.012480	0.010497	1.004250	0.007048	-0.011212	0.010046	-0.053305	0.009048
-0.2000	-0.1000	1.017269	0.007758	1.013330	0.009260	-0.078480	0.011013	-0.063114	0.008446
-0.1000	-0.1000	1.012449	0.012332	1.009060	0.018564	-0.108694	0.017570	-0.010269	0.022527
-0.0000	-0.1000	0.977331	0.022606	0.996209	0.012704	-0.089388	0.017372	0.074965	0.023604
0.1000	-0.1000	0.998222	0.008374	1.000440	0.009256	-0.044892	0.014940	0.137128	0.007566
0.2000	-0.1000	0.993900	0.007850	0.994602	0.007456	-0.026547	0.013460	0.129012	0.008613
0.3000	-0.1000	1.001069	0.004798	1.000380	0.006805	-0.017279	0.009598	0.102544	0.006979
0.4000	-0.1000	1.004680	0.006198	0.995573	0.008649	-0.013525	0.009208	0.074199	0.007918
0.5000	-0.1000	1.002549	0.006787	0.997523	0.008006	-0.014865	0.008188	0.074319	0.009961
-0.5000	-0.2000	0.950483	0.025711	0.942727	0.027684	-0.039063	0.030766	-0.036171	0.026971
-0.4000	-0.2000	0.955666	0.024682	0.951388	0.030997	-0.070504	0.019325	-0.023725	0.020873
-0.3000	-0.2000	0.960795	0.030267	0.965208	0.028527	-0.089321	0.014039	-0.036384	0.032605
-0.2000	-0.2000	0.981699	0.027927	0.997756	0.016357	-0.094876	0.011089	0.004147	0.023076
-0.1000	-0.2000	0.998554	0.015809	1.005779	0.009174	-0.099293	0.008996	0.030173	0.015596
-0.0000	-0.2000	1.003790	0.006146	1.002769	0.008396	-0.073328	0.010643	0.069611	0.008607
0.1000	-0.2000	1.002090	0.008045	1.001679	0.008153	-0.053186	0.011646	0.087208	0.006853
0.2000	-0.2000	1.001659	0.008011	0.996046	0.007486	-0.032760	0.009111	0.093890	0.009443
0.3000	-0.2000	1.000930	0.006666	0.994836	0.008305	-0.024871	0.009405	0.084472	0.009332
0.4000	-0.2000	1.002520	0.006014	0.994752	0.006569	-0.010157	0.010583	0.067854	0.009717
0.5000	-0.2000	0.998212	0.004832	0.993621	0.008774	-0.016361	0.011888	0.063420	0.006850
-0.5000	-0.3000	1.009069	0.009177	0.999082	0.007750	-0.053127	0.007207	-0.035462	0.009003
-0.4000	-0.3000	1.005420	0.007620	1.003429	0.006561	-0.069148	0.007660	-0.027652	0.008869
-0.3000	-0.3000	1.016829	0.008218	1.002210	0.007227	-0.084755	0.010227	-0.010824	0.007840
-0.2000	-0.3000	0.997867	0.006800	1.000870	0.008171	-0.076744	0.010552	-0.000334	0.008122
-0.1000	-0.3000	1.002680	0.007366	1.000489	0.006789	-0.076196	0.007810	0.015607	0.009086
-0.0000	-0.3000	1.002339	0.007560	0.998350	0.009006	-0.059476	0.010268	0.049830	0.007825
0.1000	-0.3000	1.000050	0.006572	0.999015	0.008052	-0.053860	0.008172	0.062348	0.006993
0.2000	-0.3000	1.003579	0.007202	1.001539	0.007657	-0.046519	0.012244	0.067892	0.007829
0.3000	-0.3000	1.008320	0.006760	1.004539	0.008875	-0.024619	0.009099	0.058554	0.009559

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
0.4000	-0.3000	1.001360	0.006771	0.994670	0.006461	-0.033411	0.007863	0.055800	0.007749
0.5000	-0.3000	1.010019	0.006125	0.994243	0.007490	-0.025314	0.008873	0.058345	0.009140

X/C = 3.5000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2000	0.1500	1.006680	0.008791	0.987212	0.013303	0.237241	0.021786	-0.113075	0.010159
-0.1500	0.1500	1.005019	0.015735	0.981299	0.013488	0.259423	0.014633	-0.134921	0.024415
-0.1000	0.1500	1.003180	0.020279	0.975982	0.017343	0.268066	0.035313	-0.114809	0.036570
-0.0500	0.1500	0.993730	0.021140	0.986949	0.014304	0.195000	0.019165	0.078899	0.053461
0.0000	0.1500	0.992441	0.021720	0.990940	0.011716	0.133060	0.011611	0.219645	0.077280
0.0500	0.1500	0.990668	0.013118	0.988204	0.007028	0.092596	0.007033	0.182044	0.018863
0.1000	0.1500	0.992563	0.011926	0.993859	0.006409	0.070433	0.008478	0.208706	0.027208
0.1500	0.1500	0.999561	0.008513	0.997592	0.006649	0.051129	0.006595	0.167850	0.018243
0.2000	0.1500	1.007879	0.007364	0.996233	0.007278	0.043162	0.008055	0.142502	0.018856
-0.2000	0.1000	1.006539	0.012685	0.993385	0.013874	0.201291	0.056211	-0.171969	0.019292
-0.1500	0.1000	1.000340	0.019814	0.976425	0.021503	0.345514	0.050765	-0.219824	0.024830
-0.1000	0.1000	1.005329	0.019999	0.980292	0.018195	0.322988	0.058577	-0.219106	0.036519
-0.0500	0.1000	0.973959	0.021929	0.993710	0.019325	0.155605	0.063197	0.180846	0.137181
0.0000	0.1000	0.991889	0.017998	0.990078	0.011632	0.089821	0.018365	0.341219	0.046989
0.0500	0.1000	0.984074	0.017654	0.993466	0.007297	0.069733	0.008036	0.283162	0.036435
0.1000	0.1000	1.000489	0.011161	0.996799	0.006986	0.041277	0.009853	0.200579	0.022295
0.1500	0.1000	0.996885	0.008435	0.991218	0.005224	0.038592	0.009093	0.195680	0.020510
0.2000	0.1000	1.005340	0.005659	0.994414	0.007149	0.030835	0.009707	0.143005	0.014123
-0.2000	0.0500	1.017759	0.010879	1.002259	0.021379	-0.045257	0.061226	-0.131357	0.017363
-0.1500	0.0500	1.007440	0.016524	0.998021	0.024500	0.033165	0.160212	-0.219920	0.038502
-0.1000	0.0500	1.007030	0.023129	0.976338	0.021582	-0.081880	0.120245	-0.312277	0.084570
-0.0500	0.0500	0.987741	0.020165	0.994224	0.021062	0.021488	0.041784	0.196164	0.216019
0.0000	0.0500	0.987442	0.019329	0.983749	0.019917	0.024909	0.028438	0.352007	0.040576
0.0500	0.0500	0.995780	0.018077	0.994616	0.010377	0.009669	0.016529	0.249681	0.029401
0.1000	0.0500	0.994978	0.011101	0.988535	0.005869	0.020973	0.008601	0.213882	0.018525
0.1500	0.0500	0.991426	0.006018	0.994498	0.006722	0.018990	0.009148	0.184967	0.016401
0.2000	0.0500	1.003300	0.007171	0.994608	0.007541	0.006519	0.009566	0.146186	0.013204
-0.2000	-0.0000	1.020080	0.010775	1.008320	0.018558	-0.136116	0.040882	-0.122456	0.021554
-0.1500	-0.0000	1.018100	0.011476	1.004769	0.021181	-0.272775	0.041709	-0.136734	0.031657
-0.1000	-0.0000	1.006009	0.019554	1.001129	0.018983	-0.244611	0.030433	-0.118419	0.044783
-0.0500	-0.0000	0.989469	0.022785	0.996059	0.016555	-0.136365	0.050109	0.208776	0.079109
0.0000	-0.0000	1.000179	0.013659	0.996415	0.021129	-0.074952	0.030059	0.201812	0.033782
0.0500	-0.0000	0.977828	0.020350	0.995039	0.011527	-0.031964	0.032071	0.199929	0.022272
0.1000	-0.0000	0.995718	0.007503	0.997464	0.007364	-0.018660	0.015232	0.184709	0.009704
0.1500	-0.0000	0.997892	0.008081	0.998620	0.008134	-0.005738	0.009318	0.165076	0.010603
0.2000	-0.0000	1.000580	0.007674	0.995046	0.006379	-0.009562	0.009716	0.144744	0.010736
-0.2000	-0.0500	1.011259	0.008920	1.007310	0.009332	-0.103130	0.019136	-0.087324	0.011557

X/C = 3.5000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1500	-0.0500	1.014649	0.008036	1.010550	0.010740	-0.149444	0.023355	-0.099698	0.018377
-0.1000	-0.0500	1.018649	0.010100	1.010610	0.013026	-0.148352	0.029472	-0.031149	0.021858
-0.0500	-0.0500	1.010739	0.009053	1.006989	0.013840	-0.114442	0.019847	0.080372	0.020553
0.0000	-0.0500	1.006900	0.012537	0.990502	0.015933	-0.075927	0.019138	0.127220	0.021755
0.0500	-0.0500	0.987941	0.014710	0.997457	0.008212	-0.052181	0.014695	0.141032	0.021903
0.1000	-0.0500	1.005360	0.010797	0.999161	0.006496	-0.024921	0.013433	0.165620	0.012335
0.1500	-0.0500	0.997741	0.007568	0.994309	0.008159	-0.020942	0.008568	0.153196	0.010293
0.2000	-0.0500	0.995510	0.005650	0.996173	0.006183	-0.013499	0.006996	0.132433	0.010488
-0.2000	-0.1000	1.014759	0.007634	1.013080	0.008755	-0.071714	0.012999	-0.055155	0.009206
-0.1500	-0.1000	1.018439	0.009715	1.011370	0.011913	-0.097955	0.016143	-0.048222	0.010181
-0.1000	-0.1000	1.004439	0.010040	1.004900	0.014709	-0.112999	0.019563	-0.008520	0.012626
-0.0500	-0.1000	0.989318	0.026609	0.988087	0.017739	-0.116069	0.024944	0.039052	0.021612
0.0000	-0.1000	0.984152	0.021433	0.997519	0.011353	-0.083916	0.013400	0.114683	0.026457
0.0500	-0.1000	0.994548	0.011584	1.000680	0.007600	-0.061484	0.007994	0.136965	0.013593
0.1000	-0.1000	1.003489	0.007923	0.997499	0.007174	-0.046012	0.014029	0.134994	0.008290
0.1500	-0.1000	1.000219	0.007702	0.999004	0.007501	-0.033701	0.008248	0.132794	0.006950
0.2000	-0.1000	0.996164	0.006738	0.997894	0.007959	-0.021669	0.011420	0.117365	0.009010
-0.2000	-0.1500	1.005670	0.019302	0.988102	0.022511	-0.086037	0.021678	-0.041557	0.020356
-0.1500	-0.1500	0.988291	0.028440	0.973824	0.026298	-0.111358	0.020446	-0.023721	0.027263
-0.1000	-0.1500	0.974461	0.021029	0.982113	0.022501	-0.123113	0.012749	0.010025	0.032695
-0.0500	-0.1500	0.981943	0.021121	0.996321	0.005926	-0.104793	0.008676	0.059233	0.030175
0.0000	-0.1500	0.995182	0.012675	0.998211	0.008038	-0.086177	0.016278	0.088277	0.014268
0.0500	-0.1500	1.003920	0.007462	1.003229	0.007124	-0.059306	0.011429	0.103282	0.007556
0.1000	-0.1500	1.003090	0.006895	0.993981	0.006944	-0.048547	0.008069	0.108069	0.005691
0.1500	-0.1500	0.997743	0.006567	0.999380	0.007449	-0.046544	0.008009	0.109874	0.006468
0.2000	-0.1500	1.000159	0.006357	1.000440	0.007887	-0.038950	0.009238	0.106297	0.006590

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1750	0.1500	1.008070	0.010017	0.995639	0.011930	0.212447	0.033332	-0.119129	0.014676
-0.1500	0.1500	1.009540	0.011312	0.984703	0.014547	0.267495	0.033120	-0.125373	0.019048
-0.1250	0.1500	0.995404	0.018212	0.979763	0.016452	0.271651	0.023647	-0.110301	0.037668
-0.1000	0.1500	1.000050	0.020119	0.979996	0.017450	0.265450	0.044207	-0.100808	0.043897
-0.0750	0.1500	0.994821	0.022301	0.991523	0.011757	0.219672	0.024943	-0.016535	0.055323
-0.0500	0.1500	0.997179	0.023330	0.981746	0.017296	0.202161	0.021315	0.078799	0.061094
-0.0250	0.1500	0.996651	0.019228	0.979457	0.016760	0.155873	0.019340	0.152293	0.045060
0.0000	0.1500	0.986649	0.017987	0.984394	0.012594	0.146742	0.013498	0.190772	0.027794
0.0250	0.1500	0.988971	0.016012	0.990586	0.008610	0.111016	0.010454	0.204088	0.027610
-0.1750	0.1250	1.014930	0.017584	0.984981	0.018816	0.306635	0.042943	-0.167380	0.035586
-0.1500	0.1250	1.009749	0.020622	0.971574	0.021601	0.357472	0.061819	-0.183667	0.025893
-0.1250	0.1250	1.014020	0.019938	0.978611	0.021733	0.334759	0.058885	-0.194798	0.052544
-0.1000	0.1250	1.002370	0.019350	0.970334	0.022536	0.353453	0.048608	-0.155252	0.076983
-0.0750	0.1250	1.020929	0.019944	0.978608	0.016330	0.230108	0.033271	-0.149951	0.053444
-0.0500	0.1250	0.992661	0.018973	0.978949	0.016021	0.179378	0.032780	0.078099	0.088259
-0.0250	0.1250	0.989382	0.018298	0.976722	0.020514	0.135578	0.024257	0.188016	0.100849
0.0000	0.1250	0.995073	0.017439	0.983333	0.015339	0.122626	0.023155	0.239073	0.052183
0.0250	0.1250	0.991974	0.015122	0.981815	0.010812	0.094345	0.012537	0.232425	0.055909
-0.1750	0.1000	1.014529	0.013165	0.987855	0.017541	0.244100	0.063222	-0.187109	0.019677
-0.1500	0.1000	1.005400	0.020163	0.984673	0.020881	0.359161	0.070148	-0.211686	0.046354
-0.1250	0.1000	1.017639	0.025582	0.972518	0.017552	0.397171	0.035448	-0.266605	0.058565
-0.1000	0.1000	1.021729	0.021484	0.972205	0.023867	0.271577	0.066460	-0.241735	0.051133
-0.0750	0.1000	0.987489	0.024746	0.982981	0.017182	0.163873	0.034195	-0.074989	0.186259
-0.0500	0.1000	0.987638	0.020279	0.972199	0.017516	0.140963	0.051579	0.011932	0.172895
-0.0250	0.1000	0.980429	0.025192	0.980315	0.019068	0.103220	0.028237	0.269554	0.116767
0.0000	0.1000	0.982862	0.019370	0.980244	0.016205	0.079376	0.025860	0.280558	0.050446
0.0250	0.1000	0.998726	0.019231	0.985338	0.012014	0.071603	0.016595	0.348371	0.045246
-0.1750	0.0750	1.017369	0.017591	0.988284	0.024527	0.077177	0.119629	-0.239053	0.028476
-0.1500	0.0750	1.012569	0.022109	0.978903	0.023883	0.303033	0.105833	-0.259344	0.042678
-0.1250	0.0750	1.014870	0.019889	0.968761	0.020089	0.239441	0.165453	-0.252863	0.042627
-0.1000	0.0750	1.014999	0.021748	0.975019	0.019446	0.172569	0.094926	-0.334901	0.070955
-0.0750	0.0750	0.982325	0.023495	0.973227	0.017542	0.142971	0.064952	-0.293295	0.130981
-0.0500	0.0750	0.979827	0.019786	0.988250	0.017492	0.086831	0.034869	0.312402	0.121694
-0.0250	0.0750	0.989297	0.018642	0.978935	0.015015	0.085788	0.041191	0.330798	0.091815
0.0000	0.0750	0.994429	0.018286	0.986038	0.017254	0.046127	0.038369	0.378674	0.030725
0.0250	0.0750	0.996225	0.019706	0.989486	0.010882	0.045219	0.020863	0.284286	0.025045
-0.1750	0.0500	1.016660	0.018600	0.992226	0.022852	0.038447	0.079284	-0.195141	0.034344

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

	Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
	-0.1500	0.0500	1.010400	0.016326	0.995487	0.023150	-0.155119	0.110531	-0.185389	0.025438
	-0.1250	0.0500	1.011800	0.017903	0.976792	0.023693	-0.318259	0.101716	-0.256621	0.045727
	-0.1000	0.0500	1.010429	0.018734	0.973178	0.020104	-0.042889	0.105496	-0.341179	0.058388
	-0.0750	0.0500	1.014440	0.016208	0.987074	0.018412	-0.067598	0.083093	-0.317358	0.061347
	-0.0500	0.0500	0.984169	0.022196	0.988815	0.016267	-0.019072	0.039914	0.338008	0.100172
	-0.0250	0.0500	0.983645	0.021085	0.998645	0.015336	-0.040948	0.038829	0.339219	0.078546
	0.0000	0.0500	0.988655	0.020502	0.981271	0.015806	0.016647	0.029287	0.368906	0.044662
	0.0250	0.0500	0.989630	0.018489	0.979590	0.012641	0.024905	0.017904	0.301011	0.050140
	-0.1750	0.0250	1.009009	0.012365	0.998199	0.025421	-0.223321	0.102625	-0.157625	0.032099
	-0.1500	0.0250	1.011629	0.017583	0.996102	0.021818	-0.315727	0.068868	-0.209056	0.039152
	-0.1250	0.0250	1.014640	0.022715	0.999031	0.022758	-0.278610	0.057380	-0.189848	0.033962
	-0.1000	0.0250	0.999984	0.023017	0.988177	0.018908	-0.195071	0.066051	-0.228171	0.046567
	-0.0750	0.0250	0.992961	0.023212	0.983567	0.018829	-0.123273	0.032533	-0.101563	0.134581
	-0.0500	0.0250	0.987521	0.020143	1.001750	0.016304	-0.075162	0.047276	0.018046	0.123436
	-0.0250	0.0250	0.998218	0.017910	0.992750	0.017879	-0.048967	0.034148	0.192464	0.115083
	0.0000	0.0250	1.003900	0.016383	0.991080	0.020110	-0.033890	0.029394	0.266806	0.024474
	0.0250	0.0250	1.002999	0.013092	0.995942	0.013051	0.001306	0.017989	0.279613	0.023737
	-0.1750	-0.0000	1.020370	0.007896	1.008459	0.019083	-0.181638	0.041872	-0.122243	0.018805
	-0.1500	-0.0000	1.016890	0.014027	1.010969	0.021149	-0.275826	0.048077	-0.148938	0.023720
	-0.1250	-0.0000	1.011430	0.016536	0.999931	0.020469	-0.265866	0.039494	-0.149857	0.024381
	-0.1000	-0.0000	1.000799	0.017880	1.001209	0.019413	-0.239198	0.059184	-0.089210	0.056195
	-0.0750	-0.0000	1.001980	0.020585	1.004060	0.015571	-0.122281	0.032439	-0.099222	0.084239
	-0.0500	-0.0000	0.999703	0.017620	1.003940	0.015838	-0.086927	0.030248	0.085369	0.110989
	-0.0250	-0.0000	0.994073	0.015768	0.997539	0.015203	-0.099287	0.033452	0.141378	0.028185
	0.0000	-0.0000	1.002219	0.015115	0.992398	0.015797	-0.062444	0.033962	0.223765	0.028078
	0.0250	-0.0000	1.006969	0.015623	0.991737	0.014198	-0.036242	0.020863	0.212614	0.013811
	-0.1750	-0.0250	1.025829	0.009827	1.010050	0.019217	-0.176651	0.022724	-0.114717	0.016764
	-0.1500	-0.0250	1.020020	0.011661	1.009330	0.017131	-0.218158	0.026786	-0.116493	0.020215
	-0.1250	-0.0250	1.011829	0.014229	1.007959	0.018966	-0.195633	0.025431	-0.100483	0.019877
	-0.1000	-0.0250	1.004279	0.018009	1.005619	0.013933	-0.172108	0.033783	-0.097524	0.033261
	-0.0750	-0.0250	1.005699	0.015459	1.009890	0.014731	-0.145507	0.023245	-0.010644	0.052742
	-0.0500	-0.0250	1.010409	0.014433	1.003369	0.013600	-0.107203	0.037441	0.001788	0.052710
	-0.0250	-0.0250	1.006789	0.011590	0.994277	0.018710	-0.086622	0.021466	0.123838	0.037697
	0.0000	-0.0250	1.002080	0.017177	0.988831	0.018826	-0.054385	0.028101	0.163993	0.023405
	0.0250	-0.0250	0.994024	0.016501	0.987831	0.012468	-0.049180	0.021686	0.178898	0.017197
	-0.1750	-0.0500	1.009999	0.008566	1.008280	0.011561	-0.130164	0.018514	-0.089945	0.016781
	-0.1500	-0.0500	1.006689	0.009144	1.008430	0.013086	-0.152427	0.028870	-0.085769	0.012247
	-0.1250	-0.0500	1.018470	0.010494	1.010690	0.012648	-0.156366	0.016142	-0.087021	0.013245

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	-0.0500	1.020000	0.010008	1.009350	0.013466	-0.147814	0.023829	-0.061794	0.030202
-0.0750	-0.0500	1.017200	0.011954	1.012469	0.012272	-0.132055	0.018430	0.042891	0.050954
-0.0500	-0.0500	1.009439	0.010774	1.003480	0.015864	-0.107233	0.027827	0.041364	0.027866
-0.0250	-0.0500	1.010969	0.012438	0.993092	0.017101	-0.084950	0.020951	0.053663	0.024918
0.0000	-0.0500	1.009919	0.013365	0.990276	0.019944	-0.092379	0.020106	0.081786	0.020213
0.0250	-0.0500	0.991148	0.020000	0.992421	0.017431	-0.075836	0.018301	0.133537	0.021342

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

142

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0750	0.3000	1.013800	0.008205	0.996477	0.006878	0.128840	0.014022	0.010096	0.008808
-0.0650	0.3000	1.005309	0.007643	1.001869	0.007556	0.127473	0.010354	0.029521	0.011266
-0.0750	0.2800	1.012659	0.007027	0.994851	0.007284	0.140354	0.010269	0.026048	0.006615
-0.0650	0.2800	1.011399	0.007965	0.995193	0.006223	0.143168	0.011419	0.031667	0.014713
-0.0750	0.2600	1.011180	0.009541	0.999694	0.006558	0.160009	0.009178	0.017976	0.016351
-0.0650	0.2600	1.008960	0.008631	1.000429	0.008136	0.171308	0.012669	0.029394	0.019152
-0.0750	0.2400	1.007890	0.009495	0.991963	0.006846	0.170931	0.013150	0.017769	0.016422
-0.0650	0.2400	1.013140	0.010322	0.996076	0.007432	0.178537	0.012593	0.015541	0.022710
-0.0750	0.2200	1.013880	0.012745	0.998856	0.010042	0.180502	0.017258	-0.017516	0.023956
-0.0650	0.2200	1.010929	0.011263	0.993414	0.007916	0.187818	0.014486	-0.005936	0.020147
-0.0750	0.2000	1.011640	0.010613	0.993102	0.007312	0.188873	0.017767	-0.022077	0.023052
-0.0650	0.2000	1.005139	0.013471	0.988015	0.012139	0.199637	0.023891	0.032234	0.021117
-0.0750	0.1800	1.003360	0.019945	0.992613	0.012870	0.212064	0.025520	-0.025797	0.043265
-0.0650	0.1800	1.003850	0.017401	0.987490	0.010925	0.200812	0.019672	-0.025433	0.041976
-0.0750	0.1600	1.004550	0.018093	0.988591	0.014174	0.226161	0.018775	-0.047543	0.047654
-0.0650	0.1600	1.006889	0.020633	0.988867	0.014713	0.221752	0.027626	0.059272	0.049678
-0.0750	0.1400	1.007339	0.022824	0.983021	0.018244	0.221092	0.029193	0.005996	0.068677
-0.0650	0.1400	1.011999	0.022575	0.988847	0.019019	0.241743	0.052306	-0.093687	0.098302
-0.0750	0.1200	1.012469	0.023240	0.992808	0.016970	0.223456	0.040676	0.028317	0.098101
-0.0650	0.1200	1.010799	0.022205	0.979612	0.016967	0.195407	0.031427	-0.135580	0.073170
-0.0750	0.1000	1.002290	0.023019	0.982346	0.017688	0.187585	0.064156	-0.056510	0.178190
-0.0650	0.1000	0.991560	0.026609	0.982933	0.021169	0.229743	0.039176	-0.132113	0.182486
-0.0750	0.0800	0.999448	0.024083	0.984723	0.019183	0.136019	0.127498	-0.292749	0.124205
-0.0650	0.0800	0.994343	0.025139	0.987926	0.017824	0.183255	0.052944	0.184327	0.218856
-0.0750	0.0600	1.017050	0.023565	0.993001	0.016917	0.042503	0.066421	-0.319229	0.088687
-0.0650	0.0600	1.013330	0.024866	0.994190	0.014329	-0.025587	0.062921	-0.361027	0.050463
-0.0750	0.0400	0.994713	0.022620	0.983420	0.024417	-0.115712	0.076510	-0.114320	0.250096
-0.0650	0.0400	1.005589	0.024075	1.000719	0.016917	-0.076684	0.061074	0.143497	0.242315
-0.0750	0.0200	0.996804	0.018318	0.998762	0.021687	-0.195499	0.046033	-0.062591	0.111792
-0.0650	0.0200	0.994332	0.016839	0.999570	0.016631	-0.144163	0.035593	-0.127239	0.110606
-0.0750	-0.0000	1.003429	0.018551	1.004530	0.013479	-0.152337	0.025282	0.038565	0.084761
-0.0650	-0.0000	0.996117	0.021050	1.002379	0.015717	-0.181468	0.037494	0.067040	0.112832
-0.0750	-0.0200	1.014600	0.015520	1.014030	0.015463	-0.166741	0.022301	-0.032890	0.055177
-0.0650	-0.0200	1.007099	0.017130	1.008420	0.014924	-0.140917	0.028997	-0.007493	0.055682
-0.0750	-0.0400	1.016840	0.010149	1.008349	0.013416	-0.127595	0.028722	-0.051083	0.042808
-0.0650	-0.0400	1.015679	0.014159	1.012600	0.015360	-0.125719	0.023599	-0.036486	0.036519
-0.0750	-0.0600	1.020720	0.011424	1.015949	0.014801	-0.118380	0.023484	0.035879	0.037705

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

E

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0650	-0.0600	1.020140	0.013031	1.012329	0.014045	-0.129389	0.019533	0.005306	0.027091
-0.0750	-0.0800	1.013040	0.009314	1.006689	0.019181	-0.118791	0.021363	-0.006930	0.017596
-0.0650	-0.0800	1.024960	0.011773	1.005679	0.018001	-0.114500	0.017388	0.036234	0.016089
-0.0750	-0.1000	1.021500	0.012401	1.006579	0.016784	-0.112084	0.018352	0.019950	0.018490
-0.0650	-0.1000	1.011700	0.015495	1.000979	0.021440	-0.114369	0.014685	0.013322	0.024746
-0.0750	-0.1200	1.008539	0.021563	0.995201	0.016037	-0.108927	0.013218	0.016550	0.031834
-0.0650	-0.1200	0.974831	0.029622	0.994186	0.016385	-0.108570	0.016201	0.035089	0.029508
-0.0750	-0.1400	0.981978	0.023722	0.997290	0.018109	-0.108820	0.014598	0.020533	0.029140
-0.0650	-0.1400	0.982788	0.027305	1.001659	0.015284	-0.096647	0.015947	0.049408	0.038254
-0.0750	-0.1600	0.993793	0.024567	1.003369	0.010115	-0.104852	0.012593	0.042056	0.033028
-0.0650	-0.1600	0.988657	0.022329	1.003320	0.010497	-0.097570	0.009591	0.053418	0.026557
-0.0750	-0.1800	1.001619	0.017607	1.005739	0.008493	-0.084283	0.015001	0.046413	0.018894
-0.0650	-0.1800	1.003070	0.014817	1.010440	0.008325	-0.096951	0.012084	0.058310	0.015959
-0.0750	-0.2000	1.005440	0.010694	1.006860	0.007309	-0.099354	0.009606	0.045735	0.010383
-0.0650	-0.2000	1.005150	0.012188	0.999832	0.008862	-0.087156	0.011457	0.050630	0.012753
-0.0750	-0.2200	1.011499	0.008959	1.008750	0.007587	-0.091825	0.012850	0.043257	0.007296
-0.0650	-0.2200	1.010269	0.006353	1.006009	0.008399	-0.091313	0.010594	0.052139	0.008312
-0.0750	-0.2400	1.011330	0.008951	1.001940	0.008563	-0.076152	0.012810	0.042794	0.006934
-0.0650	-0.2400	1.011479	0.008026	1.006840	0.007911	-0.084376	0.013152	0.042361	0.008000
-0.0750	-0.2600	1.011809	0.007351	1.008909	0.006717	-0.079233	0.009935	0.038192	0.008648
-0.0650	-0.2600	1.007830	0.008056	1.003860	0.007881	-0.077076	0.009459	0.041133	0.007589
-0.0750	-0.2800	1.009979	0.007669	1.007669	0.007723	-0.077295	0.012043	0.035804	0.009187
-0.0650	-0.2800	1.003409	0.006897	1.003409	0.007297	-0.072896	0.008451	0.037034	0.006972
-0.0750	-0.3000	1.008980	0.006151	1.001820	0.007929	-0.071459	0.009479	0.033797	0.007213
-0.0650	-0.3000	1.010180	0.007644	1.009999	0.008643	-0.054781	0.012172	0.028933	0.007466

X/C = 3.5000

SEMI-SPAN WING VELOCITY DATA

F

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.3000	0.0750	1.022140	0.008477	1.009370	0.007571	0.066571	0.015608	-0.087366	0.007772
-0.2800	0.0750	1.021150	0.008728	1.007970	0.011473	0.064949	0.027577	-0.095934	0.010067
-0.2600	0.0750	1.019059	0.007841	1.002769	0.011885	0.056315	0.029347	-0.106194	0.018569
-0.2400	0.0750	1.023199	0.007877	1.003850	0.013318	0.044691	0.036788	-0.142534	0.018829
-0.2200	0.0750	1.020889	0.009225	1.002850	0.021739	0.031370	0.057639	-0.129469	0.021546
-0.2000	0.0750	1.021859	0.011267	0.992522	0.022883	0.033018	0.073039	-0.155257	0.026739
-0.1800	0.0750	1.017110	0.016465	0.993010	0.025417	0.224697	0.121412	-0.189636	0.027690
-0.1600	0.0750	1.020690	0.019091	0.986152	0.024576	0.256070	0.123236	-0.242507	0.042504
-0.1400	0.0750	1.013639	0.021329	0.969032	0.022740	0.332095	0.100774	-0.248546	0.047804
-0.1200	0.0750	1.020329	0.018128	0.967801	0.021492	0.329991	0.089554	-0.252228	0.049474
-0.1000	0.0750	1.017139	0.026336	0.976032	0.024294	0.136588	0.154277	-0.336004	0.069599
-0.0800	0.0750	0.999603	0.024814	0.982488	0.018124	0.160579	0.066815	-0.305698	0.143068
-0.0600	0.0750	0.988358	0.019487	0.983773	0.016558	0.072424	0.052487	0.322180	0.122332
-0.0400	0.0750	0.982565	0.020605	0.985002	0.018666	0.038734	0.037350	0.405528	0.036732
-0.0200	0.0750	0.994153	0.018704	0.988589	0.017488	0.072231	0.028055	0.405243	0.039112
0.0000	0.0750	0.988493	0.020738	0.987253	0.014671	0.065981	0.024002	0.398638	0.057144
0.0200	0.0750	0.986746	0.017926	0.995363	0.011839	0.059574	0.016238	0.364787	0.044164
0.0400	0.0750	1.000039	0.016635	0.995120	0.009253	0.049096	0.011895	0.271213	0.058789
0.0600	0.0750	0.993848	0.020320	0.998485	0.010385	0.030054	0.016135	0.242748	0.025967
0.0800	0.0750	1.004250	0.013371	0.997194	0.008375	0.033326	0.013682	0.206865	0.015536
0.1000	0.0750	0.992834	0.016919	0.993332	0.007935	0.027040	0.015149	0.220377	0.014555
0.1200	0.0750	1.002839	0.010684	0.996076	0.007416	0.029072	0.008470	0.173026	0.015449
0.1400	0.0750	1.010090	0.007097	0.995014	0.006813	0.031089	0.010292	0.174528	0.016806
0.1600	0.0750	1.010509	0.007091	0.996242	0.007487	0.029151	0.008536	0.188378	0.023185
0.1800	0.0750	1.003180	0.007543	0.996444	0.007237	0.023894	0.009021	0.142991	0.014733
0.2000	0.0750	1.002439	0.006878	0.998704	0.007061	0.022946	0.010694	0.154873	0.009473
0.2200	0.0750	1.001659	0.007416	0.997964	0.006510	0.017827	0.008955	0.159840	0.015378
0.2400	0.0750	1.010010	0.005895	0.997325	0.007507	0.007012	0.007889	0.131268	0.011608
0.2600	0.0750	1.005950	0.005869	0.992126	0.008800	0.017262	0.009317	0.128843	0.014253
0.2800	0.0750	1.005650	0.007061	0.996077	0.008549	0.010230	0.007834	0.131771	0.012662
0.3000	0.0750	1.008650	0.006533	0.996821	0.006315	0.010577	0.007654	0.115540	0.010767
-0.3000	0.0650	1.018609	0.008821	1.001430	0.008777	0.047644	0.019054	-0.102150	0.009700
-0.2800	0.0650	1.020800	0.007145	1.003489	0.007835	0.054491	0.017553	-0.095373	0.010986
-0.2600	0.0650	1.019110	0.008337	1.004970	0.009148	0.050036	0.019256	-0.109696	0.012364
-0.2400	0.0650	1.023299	0.008159	1.007509	0.008363	0.016966	0.018050	-0.116822	0.016033
-0.2200	0.0650	1.028560	0.009761	0.999889	0.017267	0.067385	0.036018	-0.148217	0.015015
-0.2000	0.0650	1.023279	0.008914	0.999551	0.023050	-0.016400	0.089488	-0.150782	0.023504

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

F

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1800	0.0650	1.017440	0.013157	1.002190	0.023841	0.006776	0.060012	-0.187681	0.040390
-0.1600	0.0650	1.019919	0.014535	0.988369	0.027257	0.013817	0.171526	-0.189772	0.030997
-0.1400	0.0650	1.016820	0.018841	0.977460	0.020019	0.166371	0.204409	-0.237151	0.047222
-0.1200	0.0650	1.024489	0.023531	0.961393	0.021853	0.260524	0.125948	-0.328348	0.056931
-0.1000	0.0650	1.013980	0.021146	0.973469	0.021577	-0.162293	0.123584	-0.359813	0.062760
-0.0800	0.0650	1.006989	0.026518	0.977388	0.020953	-0.078735	0.107909	-0.370430	0.063677
-0.0600	0.0650	0.996155	0.029825	0.986374	0.017746	0.030528	0.062021	-0.193069	0.261919
-0.0400	0.0650	0.988011	0.020969	1.001169	0.014627	0.048093	0.031203	0.383850	0.074620
-0.0200	0.0650	0.987458	0.018383	0.992631	0.016017	0.064624	0.022243	0.384856	0.043441
0.0000	0.0650	0.998766	0.016805	0.980894	0.019252	0.047687	0.027130	0.384124	0.043678
0.0200	0.0650	1.002179	0.017880	0.988459	0.014397	0.032915	0.022820	0.322352	0.045024
0.0400	0.0650	1.001100	0.019663	0.997034	0.011083	0.021315	0.015741	0.263659	0.034911
0.0600	0.0650	0.998521	0.016164	0.990865	0.009365	0.019160	0.013414	0.228742	0.029124
0.0800	0.0650	0.989335	0.016153	0.999116	0.007368	0.029658	0.015113	0.232947	0.021547
0.1000	0.0650	1.000259	0.013280	1.000190	0.007015	0.021237	0.010300	0.233210	0.026551
0.1200	0.0650	1.003030	0.008668	0.999901	0.006844	0.022794	0.007152	0.208980	0.016343
0.1400	0.0650	1.010090	0.008350	0.997461	0.006833	0.021364	0.012450	0.181555	0.014420
0.1600	0.0650	1.001559	0.008211	0.996414	0.005760	0.013656	0.008338	0.178833	0.020413
0.1800	0.0650	1.004160	0.008409	0.998098	0.006443	0.011776	0.008902	0.158570	0.013782
0.2000	0.0650	1.010139	0.007485	1.001780	0.007451	0.011205	0.013975	0.147112	0.018687
0.2200	0.0650	1.008329	0.005932	1.001670	0.010171	0.010874	0.010103	0.146726	0.011052
0.2400	0.0650	1.003900	0.008153	0.995494	0.005979	0.014736	0.008138	0.128254	0.009678
0.2600	0.0650	1.006080	0.007317	0.999389	0.007847	0.018288	0.007431	0.124252	0.011012
0.2800	0.0650	1.007489	0.008298	1.010030	0.006122	0.014434	0.008882	0.112554	0.009866
0.3000	0.0650	1.009549	0.006590	1.001840	0.007657	0.009670	0.011904	0.119400	0.008301

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

G

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.5000	-0.1000	1.012059	0.013216	0.998500	0.008751	0.017715	0.014535	-0.033754	0.012838
-1.3000	-0.1000	1.013320	0.012029	1.000819	0.006351	0.029037	0.013205	-0.038093	0.010945
-1.1000	-0.1000	1.006370	0.013148	0.992959	0.008984	0.035666	0.008880	-0.036335	0.011552
-0.9000	-0.1000	1.010070	0.009606	1.000999	0.007431	0.030771	0.011048	-0.042871	0.007826
-0.7000	-0.1000	1.009640	0.007343	1.009589	0.008294	0.043561	0.011919	-0.046029	0.008292
-0.5000	-0.1000	1.015369	0.007317	1.002620	0.006391	0.040661	0.008948	-0.053377	0.009140
-0.3000	-0.1000	1.020780	0.008232	1.008360	0.005946	-0.007396	0.007154	-0.063223	0.008985
-0.1000	-0.1000	1.022590	0.008960	1.006949	0.016072	-0.118717	0.018069	-0.018559	0.019181
0.1000	-0.1000	0.998092	0.006613	1.001019	0.007706	-0.043678	0.008067	0.134063	0.007297
-1.5000	-0.1100	1.005210	0.013345	0.999457	0.007923	0.031249	0.017580	-0.037888	0.012435
-1.3000	-0.1100	1.008349	0.012195	1.000950	0.008524	0.025905	0.015165	-0.042606	0.010861
-1.1000	-0.1100	1.007589	0.013291	1.005529	0.007844	0.042067	0.010690	-0.038206	0.011010
-0.9000	-0.1100	1.012270	0.009426	1.001380	0.008636	0.038617	0.012272	-0.040424	0.008412
-0.7000	-0.1100	1.015599	0.010065	1.002589	0.008360	0.037580	0.015842	-0.043597	0.008994
-0.5000	-0.1100	1.012699	0.009872	1.004939	0.008686	0.037672	0.009741	-0.047657	0.008983
-0.3000	-0.1100	1.021029	0.008468	1.012389	0.009368	-0.011297	0.009691	-0.056418	0.011185
-0.1000	-0.1100	1.019719	0.014967	1.000290	0.024384	-0.120786	0.017074	-0.014299	0.021891
0.1000	-0.1100	1.004029	0.007717	0.995699	0.007776	-0.040701	0.007302	0.127480	0.006770
-1.5000	-0.1200	1.000199	0.019027	0.996781	0.010901	0.015203	0.018471	-0.033420	0.021956
-1.3000	-0.1200	0.998937	0.015547	0.998668	0.009865	0.026857	0.016538	-0.039948	0.014864
-1.1000	-0.1200	1.009159	0.013368	0.997862	0.009220	0.035705	0.012063	-0.038958	0.013686
-0.9000	-0.1200	1.003960	0.011403	1.002830	0.009102	0.039709	0.015556	-0.044413	0.009420
-0.7000	-0.1200	1.012859	0.010997	1.002740	0.008020	0.051617	0.012853	-0.049485	0.010714
-0.5000	-0.1200	1.013220	0.009762	1.006450	0.007860	0.038831	0.011598	-0.050883	0.008453
-0.3000	-0.1200	1.017850	0.006512	1.009729	0.010112	-0.015618	0.013902	-0.060245	0.008849
-0.1000	-0.1200	1.007970	0.014228	0.977544	0.024837	-0.113874	0.019409	-0.005812	0.020717
0.1000	-0.1200	1.006490	0.007470	1.001539	0.008197	-0.050677	0.014395	0.122501	0.006608
-1.5000	-0.1300	0.999207	0.019812	0.994022	0.010798	0.020920	0.019807	-0.031060	0.020057
-1.3000	-0.1300	0.989236	0.020345	0.996148	0.012264	0.023727	0.016949	-0.041211	0.017429
-1.1000	-0.1300	0.993971	0.023080	0.994433	0.010197	0.025654	0.017423	-0.032940	0.022077
-0.9000	-0.1300	1.004310	0.018402	0.999977	0.009376	0.035214	0.014463	-0.042650	0.014551
-0.7000	-0.1300	1.007859	0.011634	1.007310	0.010181	0.044655	0.021122	-0.047835	0.011175
-0.5000	-0.1300	1.016890	0.009597	1.002930	0.007073	0.036392	0.010222	-0.043736	0.013043
-0.3000	-0.1300	1.015429	0.010724	1.014139	0.011844	-0.022473	0.018308	-0.051097	0.009743
-0.1000	-0.1300	1.001699	0.021164	0.982853	0.023705	-0.118011	0.016646	-0.003546	0.026667
0.1000	-0.1300	1.002580	0.007327	1.004849	0.007598	-0.052261	0.008128	0.119047	0.006986
-1.5000	-0.1400	0.982063	0.022520	0.989967	0.014507	0.020400	0.024482	-0.039876	0.020369

X/C = 3.5000

SEMI-SPAN WING VELOCITY DATA

6

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.3000	-0.1400	0.986284	0.022168	0.990822	0.015512	0.022052	0.020598	-0.046578	0.016051
-1.1000	-0.1400	0.988661	0.025491	0.996583	0.012462	0.037169	0.016877	-0.044134	0.015839
-0.9000	-0.1400	1.002419	0.019812	0.994167	0.016529	0.027042	0.022330	-0.043583	0.016500
-0.7000	-0.1400	1.011319	0.012511	1.001010	0.010514	0.040883	0.018470	-0.046594	0.016057
-0.5000	-0.1400	1.009820	0.013300	1.003920	0.009589	0.030843	0.016093	-0.052385	0.012874
-0.3000	-0.1400	1.018499	0.013112	1.004900	0.016257	-0.031210	0.028063	-0.055704	0.010515
-0.1000	-0.1400	0.992987	0.025409	0.990368	0.021382	-0.118325	0.014087	-0.007159	0.023580
0.1000	-0.1400	0.999295	0.006876	1.000799	0.007625	-0.047268	0.012740	0.117150	0.007660
-1.5000	-0.1500	0.975119	0.026469	0.976902	0.018713	0.018718	0.025115	-0.045715	0.018888
-1.3000	-0.1500	0.976530	0.022829	0.991643	0.019402	0.011051	0.024110	-0.045561	0.020541
-1.1000	-0.1500	0.977595	0.020736	0.987132	0.018015	0.025463	0.024115	-0.040652	0.019225
-0.9000	-0.1500	0.987845	0.025493	0.993654	0.018958	0.020688	0.023694	-0.044861	0.016721
-0.7000	-0.1500	1.002159	0.017480	0.996421	0.014205	0.033926	0.025950	-0.042667	0.018409
-0.5000	-0.1500	0.999924	0.019306	1.003960	0.012944	0.035097	0.018236	-0.051248	0.016153
-0.3000	-0.1500	1.012609	0.014690	1.007150	0.017602	-0.033512	0.030717	-0.055379	0.013247
-0.1000	-0.1500	0.976146	0.027163	0.996070	0.016854	-0.114083	0.021180	0.001400	0.031864
0.1000	-0.1500	1.001490	0.006958	0.998157	0.008818	-0.052905	0.010393	0.107468	0.005635
-1.5000	-0.1600	0.950611	0.025736	0.968178	0.025166	0.026177	0.023631	-0.038156	0.022910
-1.3000	-0.1600	0.950837	0.025329	0.960923	0.023932	0.013768	0.024777	-0.033084	0.022029
-1.1000	-0.1600	0.966408	0.024622	0.967280	0.020998	0.016614	0.022279	-0.032768	0.022103
-0.9000	-0.1600	0.978437	0.025447	0.987730	0.016190	0.025444	0.021809	-0.048841	0.021224
-0.7000	-0.1600	0.986452	0.022751	0.995296	0.015623	0.028616	0.028459	-0.056009	0.014281
-0.5000	-0.1600	1.007380	0.020025	0.995442	0.014106	0.022594	0.020412	-0.057132	0.014415
-0.3000	-0.1600	0.996683	0.022815	0.984314	0.022192	-0.039600	0.029375	-0.039852	0.022953
-0.1000	-0.1600	0.964221	0.025344	1.002170	0.015209	-0.110200	0.016742	0.029167	0.024764
0.1000	-0.1600	1.002219	0.006353	1.001169	0.006614	-0.056022	0.013199	0.103186	0.005849
-1.5000	-0.1700	0.949678	0.026755	0.949845	0.027326	0.014607	0.021717	-0.043445	0.025250
-1.3000	-0.1700	0.953495	0.023598	0.957825	0.022147	0.013911	0.028026	-0.040661	0.026563
-1.1000	-0.1700	0.950943	0.022309	0.960287	0.024676	0.006441	0.025816	-0.040769	0.026126
-0.9000	-0.1700	0.953921	0.028740	0.958089	0.021967	0.008283	0.025157	-0.048308	0.021597
-0.7000	-0.1700	0.973213	0.027100	0.984806	0.016988	0.024084	0.024176	-0.043615	0.023331
-0.5000	-0.1700	0.978855	0.030187	0.989947	0.022229	0.015021	0.028673	-0.054034	0.019659
-0.3000	-0.1700	0.956683	0.025228	0.975715	0.026496	-0.068308	0.027648	-0.039516	0.027946
-0.1000	-0.1700	0.978058	0.029325	0.997359	0.016352	-0.109939	0.013344	0.035367	0.025629
0.1000	-0.1700	1.001470	0.006865	1.004000	0.008845	-0.049530	0.011709	0.104170	0.005581
-1.5000	-0.1800	0.945496	0.024847	0.934030	0.026056	-0.011772	0.022758	-0.033416	0.024767
-1.3000	-0.1800	0.945350	0.029641	0.936702	0.026151	0.002814	0.020075	-0.032538	0.021861
-1.1000	-0.1800	0.956532	0.027972	0.949871	0.020952	-0.002241	0.022700	-0.028946	0.024692

X/C = 3.5000

SEMI-SPAN WING VELOCITY DATA

6

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.9000	-0.1800	0.949737	0.023759	0.943624	0.026061	0.004449	0.031410	-0.038649	0.021695
-0.7000	-0.1800	0.956741	0.027490	0.958124	0.024628	0.005484	0.029165	-0.050082	0.022175
-0.5000	-0.1800	0.969720	0.028318	0.960995	0.023469	-0.001006	0.029937	-0.043907	0.025209
-0.3000	-0.1800	0.970754	0.027674	0.971150	0.025773	-0.063380	0.031787	-0.042427	0.026705
-0.1000	-0.1800	0.992314	0.020682	1.004490	0.011732	-0.108267	0.011580	0.039390	0.019406
0.1000	-0.1800	1.003719	0.005411	1.003779	0.006410	-0.053437	0.009599	0.093271	0.006533
-1.5000	-0.1900	0.954114	0.028494	0.944231	0.021153	-0.009182	0.023594	-0.030193	0.026627
-1.3000	-0.1900	0.955209	0.027096	0.935235	0.021385	0.001330	0.022975	-0.037311	0.024950
-1.1000	-0.1900	0.946672	0.025528	0.940597	0.020901	-0.002346	0.022641	-0.029471	0.021982
-0.9000	-0.1900	0.939259	0.025584	0.936527	0.022529	-0.021055	0.028910	-0.022154	0.019674
-0.7000	-0.1900	0.948594	0.027049	0.958939	0.026952	-0.005374	0.029137	-0.045607	0.024960
-0.5000	-0.1900	0.961769	0.031078	0.948138	0.023923	-0.038329	0.030428	-0.043410	0.027117
-0.3000	-0.1900	0.962852	0.031276	0.951760	0.028861	-0.088065	0.021523	-0.035635	0.030120
-0.1000	-0.1900	0.998338	0.015535	1.004109	0.009100	-0.106420	0.015847	0.037725	0.019667
0.1000	-0.1900	1.007030	0.006316	1.007640	0.008144	-0.055233	0.008647	0.094633	0.007352
-1.5000	-0.2000	0.968975	0.025613	0.940279	0.026297	-0.015035	0.028305	-0.027213	0.017648
-1.3000	-0.2000	0.983304	0.017711	0.940940	0.025168	-0.009099	0.022521	-0.031123	0.020123
-1.1000	-0.2000	0.964989	0.023687	0.939287	0.025265	-0.018967	0.019700	-0.028365	0.024205
-0.9000	-0.2000	0.951751	0.025594	0.935597	0.024922	-0.005153	0.025715	-0.031002	0.019718
-0.7000	-0.2000	0.939254	0.023977	0.950249	0.023874	-0.028610	0.023395	-0.044613	0.022426
-0.5000	-0.2000	0.956022	0.024728	0.957542	0.027685	-0.053898	0.016924	-0.032450	0.025574
-0.3000	-0.2000	0.963847	0.028483	0.957826	0.026149	-0.086334	0.018870	-0.036867	0.028099
-0.1000	-0.2000	1.007640	0.016098	1.006749	0.008925	-0.098828	0.009958	0.033330	0.013447
0.1000	-0.2000	1.001249	0.007738	1.004459	0.007532	-0.045057	0.011022	0.092489	0.006958
-1.5000	-0.2100	0.980180	0.024442	0.946405	0.027788	-0.003376	0.023865	-0.030054	0.018696
-1.3000	-0.2100	0.980061	0.026120	0.958968	0.023302	-0.010628	0.019769	-0.032645	0.017705
-1.1000	-0.2100	0.975423	0.022954	0.964287	0.022749	-0.013722	0.019566	-0.030947	0.019936
-0.9000	-0.2100	0.960084	0.028077	0.951101	0.025302	-0.033289	0.020381	-0.043541	0.024135
-0.7000	-0.2100	0.952755	0.027960	0.938611	0.024800	-0.029572	0.024613	-0.036643	0.024046
-0.5000	-0.2100	0.947171	0.030344	0.952798	0.028971	-0.050108	0.023674	-0.035658	0.024917
-0.3000	-0.2100	0.959348	0.028751	0.968111	0.033336	-0.082178	0.019525	-0.012554	0.022508
-0.1000	-0.2100	1.008510	0.011315	1.000039	0.007578	-0.086641	0.014307	0.031970	0.013255
0.1000	-0.2100	0.996994	0.007840	1.004379	0.006850	-0.051428	0.009548	0.087084	0.006635
-1.5000	-0.2200	0.997653	0.024544	0.970958	0.020876	-0.021184	0.018762	-0.036108	0.017306
-1.3000	-0.2200	0.985044	0.023392	0.980581	0.022573	-0.028019	0.014356	-0.035460	0.019539
-1.1000	-0.2200	0.993216	0.021445	0.972273	0.023982	-0.015214	0.018956	-0.030877	0.014843
-0.9000	-0.2200	0.988521	0.021220	0.961824	0.027204	-0.027417	0.018607	-0.032971	0.017442
-0.7000	-0.2200	0.980790	0.024744	0.951289	0.023527	-0.035720	0.018539	-0.040222	0.022764

148

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

G

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.5000	-0.2200	0.970879	0.025742	0.961360	0.033799	-0.061524	0.016738	-0.037198	0.024822
-0.3000	-0.2200	0.983026	0.028403	0.994522	0.021323	-0.091539	0.013372	-0.015506	0.021896
-0.1000	-0.2200	1.006729	0.009655	1.009430	0.008396	-0.094683	0.013918	0.029730	0.010258
0.1000	-0.2200	1.005589	0.007129	1.001160	0.008893	-0.043351	0.009273	0.084396	0.007216

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.5000	0.3000	1.003059	0.006660					-0.033174	0.009730
-0.4000	0.3000	1.001989	0.006251					-0.031787	0.007770
-0.3000	0.3000	1.006029	0.006295					-0.034514	0.010029
-0.2000	0.3000	0.997384	0.006987					-0.026946	0.007938
-0.1000	0.3000	1.001869	0.008125					0.006168	0.010821
-0.0000	0.3000	0.996187	0.006046					0.060543	0.010613
0.1000	0.3000	0.998556	0.006923					0.098344	0.016600
0.2000	0.3000	0.997202	0.006371					0.109361	0.013922
0.3000	0.3000	1.003530	0.005861					0.094295	0.010162
0.4000	0.3000	0.999435	0.005128					0.082177	0.009448
0.5000	0.3000	0.997158	0.005675					0.078979	0.009444
-0.5000	0.2000	1.006969	0.007073					-0.037104	0.010413
-0.4000	0.2000	1.006000	0.008048					-0.046585	0.007812
-0.3000	0.2000	1.010599	0.008858					-0.058093	0.009059
-0.2000	0.2000	1.005079	0.007705					-0.071515	0.010116
-0.1000	0.2000	1.001750	0.014326					-0.036330	0.027945
-0.0000	0.2000	0.984976	0.014577					0.088765	0.030661
0.1000	0.2000	0.993357	0.007063					0.153067	0.013323
0.2000	0.2000	0.995525	0.007392					0.134014	0.012134
0.3000	0.2000	0.999045	0.006745					0.103580	0.007710
0.4000	0.2000	0.997329	0.007532					0.099206	0.007508
0.5000	0.2000	0.996110	0.006827					0.078074	0.012158
-0.5000	0.1000	1.005919	0.006621					-0.044793	0.008484
-0.4000	0.1000	1.008789	0.006937					-0.054928	0.008217
-0.3000	0.1000	1.008430	0.007600					-0.076454	0.011342
-0.2000	0.1000	1.010300	0.009028					-0.145018	0.033393
-0.1000	0.1000	0.998684	0.025689					-0.254343	0.080638
-0.0000	0.1000	0.991403	0.020550					0.295804	0.047574
0.1000	0.1000	0.996966	0.011345					0.205421	0.028621
0.2000	0.1000	0.998069	0.008421					0.158702	0.015460
0.3000	0.1000	0.996771	0.006721					0.111243	0.011305
0.4000	0.1000	1.000809	0.006243					0.094531	0.014326
0.5000	0.1000	0.995332	0.006230					0.080752	0.010709
-0.5000	0.0000	1.006000	0.008191					-0.047307	0.007404
-0.4000	0.0000	1.007759	0.006713					-0.052584	0.007282
-0.3000	0.0000	1.010269	0.007354					-0.076536	0.011906
-0.2000	0.0000	1.010489	0.007160					-0.107110	0.015620

B:

X/C = 3.5000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.0000	0.998646	0.020691					-0.116557	0.050480
-0.0000	0.0000	0.994258	0.014632					0.206650	0.019731
0.1000	0.0000	0.983487	0.014887					0.192128	0.016597
0.2000	0.0000	0.993796	0.008610					0.142309	0.011859
0.3000	0.0000	0.999214	0.008676					0.109560	0.009936
0.4000	0.0000	0.997187	0.006439					0.093312	0.009606
0.5000	0.0000	0.994575	0.005941					0.073472	0.008647
-0.5000	-0.1000	1.001149	0.007522					-0.047884	0.008210
-0.4000	-0.1000	1.000010	0.007045					-0.052645	0.008327
-0.3000	-0.1000	1.000089	0.007576					-0.055662	0.008829
-0.2000	-0.1000	1.006430	0.007838					-0.054600	0.010548
-0.1000	-0.1000	1.011689	0.013388					-0.001920	0.020149
-0.0000	-0.1000	0.966613	0.024938					0.094335	0.031906
0.1000	-0.1000	0.994694	0.007515					0.135548	0.007017
0.2000	-0.1000	0.993558	0.009079					0.116593	0.010814
0.3000	-0.1000	0.996030	0.006992					0.092124	0.009036
0.4000	-0.1000	0.993532	0.006658					0.079643	0.009782
0.5000	-0.1000	0.997188	0.006592					0.063020	0.009636

X/C = 3.5000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.1000	1.004919	0.022629					-0.233812	0.052635
-0.0750	0.1000	0.976568	0.017933					-0.153837	0.205720
-0.0500	0.1000	0.983842	0.020636					0.271572	0.128341
-0.0250	0.1000	0.990872	0.019330					0.275248	0.100615
0.0000	0.1000	0.990124	0.021912					0.322362	0.049255
0.0250	0.1000	0.992694	0.015232					0.277619	0.063284
0.0500	0.1000	1.002729	0.011398					0.228430	0.047659
0.0750	0.1000	0.988635	0.017400					0.225105	0.018886
0.1000	0.1000	0.986671	0.012159					0.208086	0.021547
-0.1000	0.0750	1.009470	0.021068					-0.290195	0.086553
-0.0750	0.0750	0.989821	0.028119					-0.269996	0.184660
-0.0500	0.0750	0.990496	0.026724					0.304364	0.181880
-0.0250	0.0750	0.988877	0.020057					0.395672	0.049535
0.0000	0.0750	0.992407	0.017929					0.316886	0.065353
0.0250	0.0750	0.984026	0.016711					0.288536	0.048807
0.0500	0.0750	0.989439	0.015958					0.223246	0.015742
0.0750	0.0750	0.989663	0.015355					0.226344	0.029697
0.1000	0.0750	0.991581	0.013743					0.219419	0.018137
-0.1000	0.0500	1.010719	0.020975					-0.260161	0.047546
-0.0750	0.0500	0.997861	0.025585					-0.264409	0.119305
-0.0500	0.0500	0.985822	0.024816					0.321486	0.150055
-0.0250	0.0500	0.981879	0.018010					0.348256	0.078769
0.0000	0.0500	0.987453	0.016856					0.349820	0.040413
0.0250	0.0500	0.999451	0.018303					0.284494	0.047650
0.0500	0.0500	0.983992	0.015904					0.226574	0.016630
0.0750	0.0500	0.988867	0.019529					0.228868	0.020301
0.1000	0.0500	0.987817	0.013144					0.218169	0.016834
-0.1000	0.0250	0.996283	0.018056					-0.177671	0.048106
-0.0750	0.0250	1.001840	0.021452					-0.134317	0.118494
-0.0500	0.0250	0.981491	0.021647					0.200234	0.118703
-0.0250	0.0250	0.988642	0.018145					0.229241	0.079996
0.0000	0.0250	0.997428	0.017686					0.279943	0.029373
0.0250	0.0250	1.001280	0.015569					0.265230	0.013441
0.0500	0.0250	0.991084	0.013773					0.277660	0.027017
0.0750	0.0250	0.994896	0.013035					0.213309	0.012693
0.1000	0.0250	0.987958	0.012850					0.208816	0.015160
-0.1000	-0.0000	0.999010	0.020128					-0.116124	0.042324

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0750	-0.0000	0.995834	0.021405					0.033419	0.137034
-0.0500	-0.0000	1.000400	0.013513					0.079736	0.061338
-0.0250	-0.0000	0.991339	0.017547					0.134626	0.065182
0.0000	-0.0000	0.998829	0.018263					0.205218	0.039445
0.0250	-0.0000	0.999517	0.014964					0.212898	0.027467
0.0500	-0.0000	0.990153	0.017759					0.192683	0.018738
0.0750	-0.0000	0.991441	0.016281					0.193142	0.016029
0.1000	-0.0000	0.985778	0.014181					0.196439	0.018451
-0.1000	-0.0250	1.009780	0.011956					-0.083377	0.031466
-0.0750	-0.0250	1.008109	0.014421					-0.018415	0.044311
-0.0500	-0.0250	1.002769	0.015781					0.084279	0.053116
-0.0250	-0.0250	1.006209	0.012115					0.137482	0.030542
0.0000	-0.0250	1.006780	0.014571					0.153840	0.021801
0.0250	-0.0250	1.000649	0.016194					0.162779	0.023923
0.0500	-0.0250	0.992344	0.020116					0.178899	0.017716
0.0750	-0.0250	0.989526	0.014894					0.183190	0.016855
0.1000	-0.0250	0.978834	0.016111					0.182387	0.020907
-0.1000	-0.0500	1.010750	0.009930					-0.037861	0.028997
-0.0750	-0.0500	1.016870	0.011333					0.022461	0.028323
-0.0500	-0.0500	1.008070	0.009691					-0.003702	0.026483
-0.0250	-0.0500	1.006109	0.011308					0.087698	0.026664
0.0000	-0.0500	0.998908	0.018274					0.115870	0.026500
0.0250	-0.0500	0.992968	0.020999					0.131290	0.021618
0.0500	-0.0500	0.986739	0.019950					0.160200	0.022541
0.0750	-0.0500	0.994873	0.011845					0.173203	0.012894
0.1000	-0.0500	0.996036	0.008756					0.163585	0.012210
-0.1000	-0.0750	1.014839	0.008703					-0.010561	0.021713
-0.0750	-0.0750	1.013450	0.011814					0.027596	0.015525
-0.0500	-0.0750	1.004450	0.011092					0.052280	0.021927
-0.0250	-0.0750	1.008649	0.013153					0.051682	0.017406
0.0000	-0.0750	0.993300	0.022877					0.126337	0.024260
0.0250	-0.0750	0.980764	0.014714					0.120010	0.026849
0.0500	-0.0750	0.997019	0.012139					0.157264	0.014858
0.0750	-0.0750	0.990320	0.011199					0.151674	0.016007
0.1000	-0.0750	0.994900	0.008615					0.151047	0.010647

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0600	0.2500	1.004319	0.007563					0.045474	0.009734
-0.0500	0.2500	0.997572	0.009803					0.042806	0.018577
-0.0600	0.2367	1.009729	0.009379					0.007725	0.016719
-0.0500	0.2367	1.006450	0.011530					0.051459	0.009386
-0.0600	0.2233	0.997332	0.008928					0.006712	0.021614
-0.0500	0.2233	1.004649	0.007865					0.026497	0.022609
-0.0600	0.2100	1.003050	0.012087					0.005870	0.026430
-0.0500	0.2100	1.000569	0.013709					0.044621	0.028996
-0.0600	0.1967	0.988431	0.017668					0.037916	0.034608
-0.0500	0.1967	1.001550	0.016176					0.052934	0.034023
-0.0600	0.1833	0.993278	0.014859					0.046813	0.036165
-0.0500	0.1833	0.992957	0.014376					0.066853	0.032520
-0.0600	0.1700	0.994120	0.017257					0.027089	0.048621
-0.0500	0.1700	0.991622	0.018173					0.041249	0.052058
-0.0600	0.1567	1.008770	0.021624					-0.074367	0.052082
-0.0500	0.1567	1.003420	0.021389					0.070730	0.070751
-0.0600	0.1433	0.996041	0.020302					0.061223	0.077709
-0.0500	0.1433	0.993092	0.017076					0.119203	0.036965
-0.0600	0.1300	1.002600	0.017626					-0.013619	0.074316
-0.0500	0.1300	1.005110	0.019808					0.054786	0.142649
-0.0600	0.1167	0.980877	0.022762					0.140649	0.119435
-0.0500	0.1167	0.985565	0.017201					0.141259	0.082227
-0.0600	0.1033	0.997273	0.022661					0.056123	0.136392
-0.0500	0.1033	1.001679	0.020946					0.186011	0.141929
-0.0600	0.0900	0.979903	0.023147					0.179210	0.185587
-0.0500	0.0900	0.983574	0.021830					0.246021	0.139028
-0.0600	0.0767	0.984370	0.024192					-0.176009	0.220785
-0.0500	0.0767	0.982545	0.024156					0.322635	0.091105
-0.0600	0.0633	0.986551	0.023329					-0.214182	0.240341
-0.0500	0.0633	0.992771	0.021069					0.367680	0.099494
-0.0600	0.0500	0.980765	0.023428					0.288636	0.215960
-0.0500	0.0500	0.985292	0.025459					0.218360	0.180503
-0.0600	0.0367	0.989304	0.021042					-0.010537	0.203277
-0.0500	0.0367	0.981246	0.020216					0.264076	0.150213
-0.0600	0.0233	0.988259	0.018704					-0.161970	0.099207
-0.0500	0.0233	0.987813	0.017658					0.047129	0.157624
-0.0600	0.0100	0.993524	0.022165					0.109908	0.146205

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0500	0.0100	0.996122	0.019197					0.197237	0.087733
-0.0600	-0.0033	1.002250	0.016232					-0.052071	0.061136
-0.0500	-0.0033	1.001650	0.020057					0.020090	0.056463
-0.0600	-0.0167	0.999249	0.015474					0.039152	0.047492
-0.0500	-0.0167	0.995531	0.016858					0.113835	0.085654
-0.0600	-0.0300	1.007830	0.012363					0.039941	0.042240
-0.0500	-0.0300	1.004020	0.015640					-0.008040	0.062735
-0.0600	-0.0433	1.005770	0.009867					0.007313	0.053869
-0.0500	-0.0433	1.006809	0.012002					0.004555	0.033426
-0.0600	-0.0567	1.008949	0.011635					0.015934	0.032348
-0.0500	-0.0567	0.996668	0.012204					0.042448	0.025608
-0.0600	-0.0700	1.009769	0.011701					0.022667	0.027449
-0.0500	-0.0700	1.012289	0.011123					0.023558	0.031270
-0.0600	-0.0833	1.003900	0.009780					0.014372	0.024708
-0.0500	-0.0833	1.016270	0.011281					0.020769	0.031317
-0.0600	-0.0967	1.001289	0.019133					0.031883	0.027254
-0.0500	-0.0967	1.005560	0.017464					0.035567	0.023430
-0.0600	-0.1100	1.004200	0.017193					0.015459	0.025724
-0.0500	-0.1100	0.994187	0.021267					0.045770	0.025208
-0.0600	-0.1233	0.972042	0.023023					0.037444	0.028442
-0.0500	-0.1233	0.989875	0.023314					0.031827	0.027102
-0.0600	-0.1367	0.971485	0.027775					0.060197	0.023364
-0.0500	-0.1367	0.966839	0.020901					0.068363	0.023610
-0.0600	-0.1500	0.965378	0.027717					0.058225	0.028440
-0.0500	-0.1500	0.970203	0.024102					0.054540	0.029850

X/C = 3.50000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.2500	0.0650	1.010170	0.009459					-0.127024	0.019215
-0.2367	0.0650	1.019930	0.008566					-0.130087	0.013437
-0.2233	0.0650	1.018300	0.010886					-0.150280	0.017344
-0.2100	0.0650	1.008089	0.010257					-0.151593	0.021240
-0.1967	0.0650	1.017170	0.014264					-0.191113	0.024696
-0.1833	0.0650	1.013220	0.013125					-0.179355	0.028532
-0.1700	0.0650	1.013280	0.012655					-0.171045	0.032762
-0.1567	0.0650	1.008770	0.022456					-0.230167	0.034564
-0.1433	0.0650	1.017329	0.018161					-0.296761	0.039723
-0.1300	0.0650	1.003860	0.023651					-0.286424	0.056889
-0.1167	0.0650	1.019310	0.023947					-0.271180	0.045299
-0.1033	0.0650	1.014000	0.020231					-0.263429	0.045190
-0.0900	0.0650	1.006630	0.021529					-0.324590	0.047074
-0.0767	0.0650	0.992245	0.026055					-0.208372	0.261694
-0.0633	0.0650	0.979589	0.021246					0.156801	0.257527
-0.0500	0.0650	0.986308	0.022311					0.393530	0.071314
-0.0367	0.0650	0.982491	0.018688					0.351220	0.058917
-0.0233	0.0650	0.963383	0.021756					0.393623	0.048190
-0.0100	0.0650	0.987264	0.018069					0.361022	0.040284
0.0033	0.0650	0.977351	0.018267					0.385128	0.034394
0.0167	0.0650	0.997567	0.019373					0.357055	0.035203
0.0300	0.0650	0.996257	0.016696					0.308855	0.053873
0.0433	0.0650	0.985281	0.023086					0.259186	0.025482
0.0567	0.0650	0.998295	0.017798					0.237363	0.023004
0.0700	0.0650	0.989023	0.015348					0.218518	0.022290
0.0833	0.0650	0.993870	0.017564					0.223236	0.021004
0.0967	0.0650	0.991781	0.011653					0.212784	0.011556
0.1100	0.0650	0.996911	0.010067					0.207988	0.010908
0.1233	0.0650	0.999579	0.011193					0.207802	0.017023
0.1367	0.0650	0.995022	0.007232					0.174986	0.017139
0.1500	0.0650	0.997441	0.007343					0.177328	0.020157
-0.2500	0.0550	1.020929	0.008083					-0.120647	0.019334
-0.2367	0.0550	1.013880	0.007591					-0.105454	0.015479
-0.2233	0.0550	1.012679	0.008321					-0.139580	0.026038
-0.2100	0.0550	1.008659	0.008506					-0.132175	0.019012
-0.1967	0.0550	1.011729	0.011286					-0.151535	0.028868
-0.1833	0.0550	1.012190	0.014872					-0.173779	0.032690

156

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

F:

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1700	0.0550	1.014549	0.018781					-0.199696	0.035494
-0.1567	0.0550	1.005170	0.018054					-0.223621	0.046627
-0.1433	0.0550	1.014600	0.016598					-0.213830	0.036660
-0.1300	0.0550	1.015249	0.019384					-0.278959	0.065234
-0.1167	0.0550	1.000170	0.020952					-0.308062	0.055628
-0.1033	0.0550	1.000690	0.022738					-0.273073	0.063841
-0.0900	0.0550	1.006280	0.020439					-0.293211	0.063926
-0.0767	0.0550	1.005309	0.024288					-0.285572	0.080673
-0.0633	0.0550	0.983896	0.021002					-0.228034	0.180910
-0.0500	0.0550	0.976974	0.018594					0.362437	0.078707
-0.0367	0.0550	0.982906	0.020450					0.368597	0.065693
-0.0233	0.0550	0.969460	0.014567					0.369454	0.063483
-0.0100	0.0550	1.000799	0.015007					0.350736	0.042524
0.0033	0.0550	0.980974	0.015250					0.358738	0.034122
0.0167	0.0550	0.985966	0.016399					0.362496	0.050128
0.0300	0.0550	0.996489	0.017686					0.280988	0.026688
0.0433	0.0550	0.985701	0.019272					0.276467	0.043862
0.0567	0.0550	0.986982	0.022142					0.238124	0.029564
0.0700	0.0550	0.983423	0.015130					0.230954	0.030779
0.0833	0.0550	1.001140	0.009498					0.205032	0.018291
0.0967	0.0550	0.997230	0.013621					0.219899	0.015456
0.1100	0.0550	0.999899	0.011407					0.215131	0.018894
0.1233	0.0550	0.993430	0.009897					0.207284	0.016391
0.1367	0.0550	0.997716	0.008733					0.191538	0.018968
0.1500	0.0550	0.995159	0.007459					0.161156	0.017181

X/C = 3.5000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.6000	-0.1200	0.991376	0.018467					-0.035022	0.015378
-1.5000	-0.1200	0.999198	0.018376					-0.033702	0.015758
-1.4000	-0.1200	0.997968	0.018076					-0.034910	0.012156
-1.3000	-0.1200	1.000130	0.015695					-0.039037	0.010598
-1.2000	-0.1200	0.997313	0.014731					-0.039706	0.010195
-1.1000	-0.1200	1.003150	0.012135					-0.037507	0.011355
-1.0000	-0.1200	1.002139	0.013847					-0.041933	0.012228
-0.9000	-0.1200	1.002000	0.010919					-0.041660	0.009006
-0.8000	-0.1200	1.006339	0.011474					-0.042881	0.008539
-0.7000	-0.1200	1.007090	0.008036					-0.042024	0.008677
-0.6000	-0.1200	1.008519	0.009372					-0.044576	0.007507
-0.5000	-0.1200	1.004569	0.010785					-0.047737	0.007272
-0.4000	-0.1200	1.010699	0.008691					-0.048629	0.005954
-0.3000	-0.1200	1.014380	0.008162					-0.053162	0.010415
-0.2000	-0.1200	1.011620	0.009503					-0.049629	0.012202
-0.1000	-0.1200	1.010880	0.017142					-0.002901	0.021392
0.0000	-0.1200	0.989877	0.020902					0.092186	0.029692
-1.6000	-0.1450	0.967460	0.028302					-0.024409	0.020941
-1.5000	-0.1450	0.973075	0.022405					-0.032968	0.020644
-1.4000	-0.1450	0.972861	0.028122					-0.037421	0.020631
-1.3000	-0.1450	0.973795	0.025544					-0.038701	0.021628
-1.2000	-0.1450	0.974295	0.023166					-0.035327	0.020544
-1.1000	-0.1450	0.970608	0.029717					-0.036590	0.020479
-1.0000	-0.1450	0.994253	0.016345					-0.045892	0.015239
-0.9000	-0.1450	0.989509	0.022933					-0.044552	0.018054
-0.8000	-0.1450	0.991436	0.018475					-0.039656	0.015821
-0.7000	-0.1450	0.995650	0.016121					-0.044302	0.015168
-0.6000	-0.1450	1.003409	0.015588					-0.046496	0.011336
-0.5000	-0.1450	1.005449	0.009326					-0.051356	0.010388
-0.4000	-0.1450	1.013060	0.012148					-0.047567	0.013594
-0.3000	-0.1450	1.005830	0.014477					-0.049939	0.012384
-0.2000	-0.1450	1.001200	0.021094					-0.042508	0.020165
-0.1000	-0.1450	0.974047	0.026742					0.001021	0.021317
0.0000	-0.1450	0.993795	0.010787					0.096282	0.010457
-1.6000	-0.1700	0.936095	0.021758					-0.029650	0.024262
-1.5000	-0.1700	0.939797	0.025027					-0.023273	0.019513
-1.4000	-0.1700	0.945090	0.027769					-0.046596	0.021255

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.3000	-0.1700	0.936321	0.023031					-0.033608	0.024662
-1.2000	-0.1700	0.932099	0.018239					-0.038316	0.021589
-1.1000	-0.1700	0.940100	0.021032					-0.031779	0.018875
-1.0000	-0.1700	0.955115	0.023063					-0.039315	0.023584
-0.9000	-0.1700	0.953855	0.028727					-0.045872	0.023550
-0.8000	-0.1700	0.958071	0.033622					-0.041660	0.023280
-0.7000	-0.1700	0.978580	0.026505					-0.045984	0.020897
-0.6000	-0.1700	0.975591	0.023259					-0.043619	0.023724
-0.5000	-0.1700	0.987334	0.021872					-0.052279	0.022213
-0.4000	-0.1700	0.988672	0.023202					-0.045693	0.022629
-0.3000	-0.1700	0.979752	0.029049					-0.047247	0.022224
-0.2000	-0.1700	0.977486	0.032147					-0.036906	0.022736
-0.1000	-0.1700	0.962474	0.022294					0.041731	0.027255
0.0000	-0.1700	1.001459	0.009076					0.084700	0.009477
-1.6000	-0.1950	0.976200	0.021031					-0.019589	0.018312
-1.5000	-0.1950	0.967001	0.025499					-0.014408	0.017537
-1.4000	-0.1950	0.961034	0.026595					-0.034860	0.022609
-1.3000	-0.1950	0.949955	0.029174					-0.030992	0.022282
-1.2000	-0.1950	0.962055	0.026521					-0.029782	0.021356
-1.1000	-0.1950	0.948184	0.020914					-0.033774	0.019818
-1.0000	-0.1950	0.944267	0.024647					-0.036360	0.024789
-0.9000	-0.1950	0.939760	0.022402					-0.035684	0.027153
-0.8000	-0.1950	0.955502	0.026149					-0.025118	0.020802
-0.7000	-0.1950	0.953577	0.025488					-0.028224	0.023101
-0.6000	-0.1950	0.946407	0.027315					-0.042339	0.024526
-0.5000	-0.1950	0.950608	0.027397					-0.044265	0.026437
-0.4000	-0.1950	0.949632	0.028161					-0.039501	0.024119
-0.3000	-0.1950	0.955010	0.033265					-0.012647	0.022571
-0.2000	-0.1950	0.964520	0.024876					0.001236	0.026506
-0.1000	-0.1950	0.995696	0.013617					0.033313	0.019812
0.0000	-0.1950	0.998011	0.008227					0.075236	0.007168
-1.6000	-0.2200	0.999590	0.016895					-0.025957	0.010653
-1.5000	-0.2200	0.991887	0.020036					-0.028459	0.013405
-1.4000	-0.2200	0.992296	0.018516					-0.023235	0.012416
-1.3000	-0.2200	0.983545	0.024807					-0.030877	0.013709
-1.2000	-0.2200	0.992848	0.020082					-0.031220	0.015166
-1.1000	-0.2200	0.985866	0.026261					-0.036463	0.016693
-1.0000	-0.2200	0.985235	0.021011					-0.035357	0.017389

X/C = 3.50000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	J (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.9000	-0.2200	0.975613	0.025359					-0.038391	0.020948
-0.8000	-0.2200	0.964593	0.022103					-0.036242	0.019354
-0.7000	-0.2200	0.954247	0.025164					-0.050526	0.023330
-0.6000	-0.2200	0.960391	0.027991					-0.034919	0.022364
-0.5000	-0.2200	0.957366	0.026937					-0.035747	0.024016
-0.4000	-0.2200	0.977573	0.023388					-0.027364	0.022171
-0.3000	-0.2200	0.973349	0.027867					-0.012200	0.020469
-0.2000	-0.2200	0.992146	0.016385					0.002659	0.015498
-0.1000	-0.2200	0.999694	0.008496					0.035812	0.009764
0.0000	-0.2200	1.006619	0.009350					0.066525	0.007832

X/C = 1.04500

SEMI-SPAN WING VELOCITY DATA

161

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.1000	0.1000	0.990980	0.007485	0.986182	0.008461	0.208470	0.010295	-0.120016	0.007782
-0.0750	0.1000	0.983813	0.008636	0.981502	0.008162	0.220972	0.017453	-0.090632	0.008253
-0.0500	0.1000	0.991729	0.009231	0.985768	0.007761	0.247139	0.012261	-0.046654	0.010570
-0.0250	0.1000	0.987976	0.006687	0.933250	0.009829	0.235038	0.013411	0.025784	0.010814
0.0000	0.1000	0.989523	0.008340	0.980158	0.008284	0.240599	0.012678	0.085167	0.016187
0.0250	0.1000	0.986294	0.008771	0.983835	0.009452	0.196272	0.010202	0.119169	0.018041
0.0500	0.1000	0.980489	0.007837	0.980341	0.008952	0.158424	0.008910	0.135681	0.014183
0.0750	0.1000	0.977613	0.007229	0.985357	0.009362	0.138286	0.009255	0.140339	0.011214
0.1000	0.1000	0.985765	0.008066	0.989273	0.007464	0.113736	0.009067	0.143989	0.006167
-0.1000	0.0750	0.989296	0.008675	0.983599	0.009521	0.223809	0.010299	-0.160442	0.008930
-0.0750	0.0750	0.987814	0.007641	0.970603	0.009442	0.253316	0.013226	-0.137848	0.011786
-0.0500	0.0750	0.990895	0.009228	0.978050	0.009309	0.297203	0.015700	-0.079730	0.015096
-0.0250	0.0750	0.992434	0.007926	0.972733	0.009508	0.291127	0.022466	0.032427	0.015701
0.0000	0.0750	0.984820	0.010449	0.980844	0.009139	0.269207	0.017284	0.122351	0.016840
0.0250	0.0750	0.980821	0.007788	0.973034	0.009105	0.231241	0.010522	0.186567	0.013478
0.0500	0.0750	0.977952	0.007229	0.974271	0.007804	0.182242	0.007811	0.195076	0.015084
0.0750	0.0750	0.979387	0.007626	0.984511	0.010956	0.143109	0.007728	0.170467	0.015252
0.1000	0.0750	0.978233	0.008057	0.976224	0.008315	0.107024	0.007645	0.151566	0.009554
-0.1000	0.0500	0.983511	0.008607	0.973537	0.007765	0.240901	0.018234	-0.228105	0.010941
-0.0750	0.0500	0.982171	0.010358	0.973688	0.009105	0.320889	0.013884	-0.239808	0.023901
-0.0500	0.0500	0.994351	0.007950	0.977868	0.008980	0.380847	0.033695	-0.125510	0.021531
-0.0250	0.0500	0.992206	0.011734	0.970329	0.010532	0.401821	0.025873	0.063995	0.025550
0.0000	0.0500	0.977636	0.011247	0.967200	0.007027	0.326758	0.018546	0.201075	0.037087
0.0250	0.0500	0.971097	0.008738	0.969709	0.009396	0.231382	0.013284	0.278735	0.011262
0.0500	0.0500	0.965189	0.006570	0.976450	0.009111	0.179530	0.007940	0.269095	0.026628
0.0750	0.0500	0.968811	0.006075	0.976989	0.009271	0.129285	0.007548	0.210857	0.011437
0.1000	0.0500	0.972965	0.006078	0.979586	0.007418	0.095794	0.008109	0.173932	0.010153
-0.1000	0.0250	0.979208	0.010011	0.963575	0.012066	0.232662	0.025844	-0.296859	0.021535
-0.0750	0.0250	0.983878	0.015896	0.971679	0.016075	0.396220	0.023573	-0.392885	0.043684
-0.0500	0.0250	0.952481	0.058454	0.975517	0.023210	0.484937	0.022399	-0.171113	0.061096
-0.0250	0.0250	0.985680	0.058638	0.938004	0.083936	0.468705	0.040044	0.125986	0.073438
0.0000	0.0250	0.915896	0.066178	0.917194	0.043133	0.394337	0.018118	0.314075	0.040457
0.0250	0.0250	0.915915	0.046389	0.960161	0.009483	0.233497	0.009486	0.439873	0.021200
0.0500	0.0250	0.960886	0.007516	0.969758	0.010299	0.144021	0.008456	0.321677	0.016919
0.0750	0.0250	0.962639	0.006996	0.976939	0.009090	0.095671	0.006365	0.247538	0.011534
0.1000	0.0250	0.967065	0.008220	0.981896	0.008774	0.072142	0.009869	0.212706	0.016836
-0.1000	-0.0000	0.975908	0.007517	0.961769	0.020267	0.147026	0.040052	-0.297016	0.021810

X/C = 1.04500

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0750	-0.0000	0.976664	0.019354	0.957568	0.058089	0.240746	0.066020	-0.428163	0.042267
-0.0500	-0.0000	0.983969	0.070263	1.073370	0.065872	0.179599	0.054209	-0.217128	0.067684
-0.0250	-0.0000	1.030680	0.046501	1.040020	0.073553	0.261239	0.050000	-0.038136	0.082334
0.0000	-0.0000	0.961384	0.042526	0.970208	0.063625	0.135309	0.066525	0.381831	0.038853
0.0250	-0.0000	0.804077	0.075492	0.936775	0.030261	0.125714	0.023746	0.418659	0.039712
0.0500	-0.0000	0.945140	0.008271	0.968060	0.011876	0.064767	0.016019	0.370697	0.023316
0.0750	-0.0000	0.957188	0.008652	0.971574	0.008467	0.031334	0.009708	0.271727	0.010907
0.1000	-0.0000	0.964965	0.007578	0.978586	0.010394	0.033710	0.008120	0.213289	0.009263
-0.1000	-0.0250	0.973723	0.008164	0.975478	0.013897	-0.093315	0.033979	-0.237805	0.016197
-0.0750	-0.0250	0.977995	0.010490	0.971017	0.042459	-0.184521	0.078136	-0.286687	0.015700
-0.0500	-0.0250	0.992742	0.022929	0.990431	0.053651	-0.284368	0.113194	-0.203693	0.049103
-0.0250	-0.0250	0.965699	0.044535	0.958840	0.049711	-0.436074	0.082170	0.008750	0.078156
0.0000	-0.0250	0.929325	0.039253	0.968058	0.036576	-0.222050	0.050399	0.256394	0.036916
0.0250	-0.0250	0.947350	0.046180	0.896633	0.069010	-0.080903	0.056291	0.338169	0.050036
0.0500	-0.0250	0.945589	0.008839	0.968696	0.011044	-0.039302	0.017536	0.308193	0.018611
0.0750	-0.0250	0.963046	0.007486	0.976572	0.009935	-0.024336	0.013183	0.236257	0.020697
0.1000	-0.0250	0.974234	0.006701	0.977713	0.009066	-0.002921	0.008972	0.191933	0.008763
-0.1000	-0.0500	0.885601	0.061984	0.947913	0.052154	-0.150795	0.021981	-0.095142	0.094221
-0.0750	-0.0500	0.925189	0.054965	0.943698	0.050282	-0.311015	0.032770	-0.122094	0.066170
-0.0500	-0.0500	0.888472	0.061969	0.930882	0.059040	-0.488627	0.028253	-0.011321	0.123822
-0.0250	-0.0500	0.869984	0.068056	0.965116	0.069806	-0.470028	0.099056	0.191389	0.083141
0.0000	-0.0500	0.940507	0.057727	0.954002	0.087569	-0.397877	0.063118	0.156892	0.057124
0.0250	-0.0500	0.973320	0.024514	0.980809	0.016920	-0.239955	0.023231	0.193198	0.010784
0.0500	-0.0500	0.961063	0.006597	0.976928	0.010893	-0.132529	0.019305	0.222837	0.006094
0.0750	-0.0500	0.965314	0.007817	0.980661	0.011071	-0.059328	0.013662	0.199496	0.008288
0.1000	-0.0500	0.972284	0.007602	0.976565	0.009355	-0.047296	0.013091	0.171649	0.009733
-0.1000	-0.0750	0.957497	0.007318	0.976056	0.009954	-0.204867	0.013314	-0.057744	0.007826
-0.0750	-0.0750	0.969960	0.006543	0.989543	0.010002	-0.239568	0.011528	-0.035115	0.008206
-0.0500	-0.0750	0.975491	0.006830	0.992890	0.010490	-0.258841	0.019122	0.002566	0.011163
-0.0250	-0.0750	0.980631	0.007279	1.002859	0.007141	-0.233207	0.011271	0.058250	0.008753
0.0000	-0.0750	0.986946	0.007709	1.006619	0.008455	-0.222221	0.012148	0.107630	0.007205
0.0250	-0.0750	0.985972	0.009514	0.984801	0.007738	-0.189395	0.012587	0.146375	0.007020
0.0500	-0.0750	0.978236	0.008392	0.988015	0.009834	-0.129763	0.011753	0.166069	0.008505
0.0750	-0.0750	0.970413	0.004238	0.981079	0.009624	-0.087779	0.010963	0.161093	0.008718
0.1000	-0.0750	0.973791	0.005476	0.979792	0.010261	-0.062888	0.008261	0.153789	0.006930
-0.1000	-0.1000	0.970451	0.008124	0.977379	0.011611	-0.194736	0.010404	-0.032295	0.007885
-0.0750	-0.1000	0.968523	0.008073	0.986070	0.009165	-0.207300	0.011814	-0.012096	0.007394
-0.0500	-0.1000	0.971151	0.007395	0.991406	0.006644	-0.203731	0.013158	0.018952	0.007270

X/C = 1.04500

SEMI-SPAN WING VELOCITY DATA

D

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0250	-0.1000	0.980586	0.007069	0.998669	0.009046	-0.196774	0.014221	0.050672	0.007984
0.0000	-0.1000	0.979010	0.007229	0.994445	0.009013	-0.170335	0.012830	0.089712	0.006185
0.0250	-0.1000	0.973773	0.008158	0.992125	0.007365	-0.147383	0.013847	0.115446	0.006860
0.0500	-0.1000	0.978364	0.006671	0.992783	0.010916	-0.121336	0.014982	0.126432	0.007855
0.0750	-0.1000	0.975377	0.007078	0.992363	0.008390	-0.091477	0.009840	0.132716	0.006465
0.1000	-0.1000	0.975005	0.007498	0.992817	0.010528	-0.063662	0.009879	0.132779	0.009116

X/C = 1.1000 SEMI-SPAN WING VELOCITY DATA

19T

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	0.1500	0.994208	0.008834	0.992822	0.006715	0.044022	0.009141	-0.103428	0.010536
-1.0000	0.1500	0.996455	0.010009	0.993454	0.004915	0.046044	0.007578	-0.105489	0.009078
-1.1000	0.1383	0.993413	0.011992	0.989574	0.006851	0.047049	0.007928	-0.103541	0.007834
-1.0000	0.1383	0.991219	0.008558	0.988793	0.006300	0.055797	0.008782	-0.103703	0.009036
-1.1000	0.1267	0.992395	0.009543	0.981833	0.005785	0.050428	0.007568	-0.101562	0.008803
-1.0000	0.1267	0.991338	0.009048	0.983071	0.006285	0.054344	0.009883	-0.103547	0.008577
-1.1000	0.1150	0.989259	0.009578	0.985782	0.005179	0.052147	0.010775	-0.108814	0.010050
-1.0000	0.1150	0.987636	0.009019	0.985309	0.006142	0.049653	0.012103	-0.105163	0.009441
-1.1000	0.1033	0.986820	0.009372	0.982514	0.006121	0.043425	0.010825	-0.105935	0.007837
-1.0000	0.1033	0.985566	0.010412	0.984081	0.006717	0.051941	0.009264	-0.105199	0.008821
-1.1000	0.0917	0.989137	0.008913	0.979516	0.006042	0.050007	0.010037	-0.104368	0.009133
-1.0000	0.0917	0.987795	0.009017	0.980012	0.005207	0.050693	0.007718	-0.105767	0.008365
-1.1000	0.0800	0.986220	0.008679	0.982086	0.007181	0.041898	0.008579	-0.110172	0.007452
-1.0000	0.0800	0.986689	0.008219	0.981659	0.006833	0.051299	0.007833	-0.104976	0.009162
-1.1000	0.0683	0.983417	0.010105	0.981877	0.006817	0.039513	0.009697	-0.105145	0.009758
-1.0000	0.0683	0.971392	0.008736	0.976676	0.007496	0.048372	0.007019	-0.103675	0.007564
-1.1000	0.0567	0.983323	0.012105	0.972938	0.006235	0.049894	0.007206	-0.104005	0.008734
-1.0000	0.0567	0.981579	0.007495	0.978241	0.006222	0.056732	0.008316	-0.108415	0.007390
-1.1000	0.0450	0.976584	0.009538	0.972460	0.007223	0.048916	0.013031	-0.105174	0.007153
-1.0000	0.0450	0.971008	0.009190	0.971099	0.007065	0.050726	0.010173	-0.105637	0.008842
-1.1000	0.0333	0.972747	0.010494	0.968558	0.007457	0.051205	0.012769	-0.105542	0.008339
-1.0000	0.0333	0.976460	0.009429	0.969184	0.006223	0.053347	0.009614	-0.101541	0.009059
-1.1000	0.0217	0.970272	0.009627	0.968502	0.008068	0.045561	0.015547	-0.103590	0.009749
-1.0000	0.0217	0.970014	0.009226	0.966368	0.007107	0.054591	0.009851	-0.102284	0.008639
-1.1000	0.0100	0.975319	0.010214	0.967601	0.007518	0.050354	0.010593	-0.103076	0.007069
-1.0000	0.0100	0.973810	0.010444	0.970386	0.006430	0.056435	0.008589	-0.103656	0.010407
-1.1000	-0.0017	0.963305	0.009170	0.962664	0.007851	0.049070	0.011660	-0.102705	0.009012
-1.0000	-0.0017	0.967080	0.009806	0.958481	0.006118	0.049511	0.009569	-0.102645	0.007587
-1.1000	-0.0133	0.967667	0.010295	0.965960	0.006681	0.048184	0.011650	-0.102761	0.006718
-1.0000	-0.0133	0.966980	0.009281	0.962879	0.007002	0.055371	0.008313	-0.100258	0.008295
-1.1000	-0.0250	0.962965	0.013069	0.959154	0.007654	0.054683	0.012314	-0.095486	0.013671
-1.0000	-0.0250	0.957599	0.010687	0.963390	0.006655	0.049020	0.013101	-0.097953	0.012410
-1.1000	-0.0367	0.935745	0.031107	0.953641	0.007289	0.047892	0.010598	-0.109233	0.026398
-1.0000	-0.0367	0.923572	0.034385	0.953475	0.009248	0.052439	0.008745	-0.099475	0.028963
-1.1000	-0.0483	0.735396	0.080054	0.923502	0.034294	0.050523	0.014948	-0.060426	0.066637
-1.0000	-0.0483	0.767816	0.063658	0.883955	0.046698	0.055231	0.018339	-0.064140	0.066545
-1.1000	-0.0600	0.804246	0.075510	0.749917	0.079342	0.055930	0.040648	-0.018253	0.056002

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	-0.0600	0.795912	0.087419	0.683940	0.057988	0.031982	0.047090	-0.017718	0.069900
-1.1000	-0.0717	0.956958	0.032040	0.820636	0.089935	0.032353	0.052170	-0.070815	0.029411
-1.0000	-0.0717	0.948616	0.025560	0.856329	0.081711	0.031797	0.064621	-0.065821	0.027735
-1.1000	-0.0833	0.956638	0.012427	0.955877	0.023488	-0.012290	0.042020	-0.073104	0.013028
-1.0000	-0.0833	0.958249	0.014406	0.957405	0.017420	-0.020246	0.027973	-0.071258	0.012977
-1.1000	-0.0950	0.961022	0.008964	0.961310	0.009765	-0.011811	0.013190	-0.069769	0.007537
-1.0000	-0.0950	0.958424	0.011001	0.957467	0.009155	-0.023956	0.011062	-0.069975	0.008205
-1.1000	-0.1067	0.953298	0.008732	0.961044	0.006849	-0.005780	0.017944	-0.066701	0.008379
-1.0000	-0.1067	0.956416	0.010767	0.958958	0.007187	-0.025018	0.009175	-0.064756	0.007878
-1.1000	-0.1183	0.960397	0.010612	0.956308	0.008316	-0.001255	0.010339	-0.068084	0.008675
-1.0000	-0.1183	0.961287	0.010305	0.959258	0.007600	-0.013898	0.009911	-0.067997	0.008945
-1.1000	-0.1300	0.964465	0.008989	0.960949	0.007018	-0.025128	0.015533	-0.062850	0.009312
-1.0000	-0.1300	0.965770	0.008532	0.959529	0.008666	-0.018571	0.012374	-0.067936	0.007547
-1.1000	-0.1417	0.957827	0.009315	0.958866	0.008470	-0.009905	0.010395	-0.058090	0.007282
-1.0000	-0.1417	0.956725	0.009532	0.960707	0.008272	-0.009464	0.009397	-0.066187	0.008311
-1.1000	-0.1533	0.960368	0.009356	0.957490	0.006793	-0.009020	0.009593	-0.060772	0.008074
-1.0000	-0.1533	0.963674	0.008556	0.961965	0.007969	-0.021784	0.009951	-0.058930	0.008537
-1.1000	-0.1650	0.964782	0.009714	0.960815	0.007203	-0.012510	0.013719	-0.062975	0.007866
-1.0000	-0.1650	0.961261	0.010434	0.957716	0.008259	-0.007832	0.010268	-0.059955	0.008463
-1.1000	-0.1767	0.970779	0.008855	0.962600	0.008046	-0.018509	0.011264	-0.060719	0.007269
-1.0000	-0.1767	0.962745	0.006762	0.966581	0.006512	-0.007815	0.010604	-0.060342	0.006880
-1.1000	-0.1883	0.963910	0.008946	0.962941	0.007007	-0.010318	0.010465	-0.055824	0.006679
-1.0000	-0.1883	0.963278	0.009499	0.956275	0.007639	-0.021849	0.010669	-0.057807	0.009038
-1.1000	-0.2000	0.966980	0.007752	0.964160	0.006497	-0.014238	0.009405	-0.057043	0.008115
-1.0000	-0.2000	0.969394	0.009200	0.961817	0.008369	-0.020780	0.006882	-0.057715	0.009374

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

W

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	-0.1500	0.970412	0.008928	0.953488	0.007098	-0.005229	0.009518	-0.072176	0.008209
-1.0000	-0.1500	0.971923	0.009092	0.957759	0.007351	-0.031686	0.010904	-0.069364	0.007044
-1.1000	-0.1600	0.969702	0.009015	0.963563	0.007332	-0.008472	0.012246	-0.071691	0.007243
-1.0000	-0.1600	0.968428	0.007648	0.961561	0.007247	-0.025072	0.008967	-0.066948	0.007996
-1.1000	-0.1700	0.971342	0.009618	0.963413	0.007711	-0.015893	0.011284	-0.064773	0.008112
-1.0000	-0.1700	0.969895	0.008566	0.964541	0.007999	-0.011680	0.014682	-0.068479	0.008777
-1.1000	-0.1800	0.970136	0.009588	0.963333	0.007021	-0.016173	0.009847	-0.063008	0.008235
-1.0000	-0.1800	0.968886	0.007930	0.961818	0.008236	-0.007122	0.012506	-0.063205	0.008279
-1.1000	-0.1900	0.972738	0.007652	0.963890	0.007474	-0.009477	0.008698	-0.066025	0.009063
-1.0000	-0.1900	0.971110	0.008464	0.961700	0.008166	-0.024747	0.011386	-0.064198	0.008388
-1.1000	-0.2000	0.973194	0.008934	0.960877	0.007783	-0.014605	0.010167	-0.064528	0.009438
-1.0000	-0.2000	0.968008	0.009416	0.968237	0.008095	-0.021388	0.014579	-0.060252	0.007128
-1.1000	-0.2100	0.971046	0.011829	0.964959	0.007162	-0.014788	0.011387	-0.058177	0.009117
-1.0000	-0.2100	0.973687	0.008933	0.966431	0.007543	-0.027022	0.011992	-0.063938	0.009029
-1.1000	-0.2200	0.972610	0.008784	0.965291	0.008011	-0.011458	0.008992	-0.059888	0.008265
-1.0000	-0.2200	0.971063	0.008078	0.965471	0.006789	-0.010800	0.013192	-0.058786	0.009296
-1.1000	-0.2300	0.975674	0.010417	0.963947	0.008074	-0.014057	0.009554	-0.059704	0.007956
-1.0000	-0.2300	0.968256	0.008508	0.964904	0.007635	-0.011376	0.008786	-0.061510	0.007443
-1.1000	-0.2400	0.971089	0.010389	0.960480	0.008583	-0.020600	0.014599	-0.060951	0.010232
-1.0000	-0.2400	0.973146	0.008268	0.968882	0.007518	-0.016064	0.010258	-0.062120	0.008450
-1.1000	-0.2500	0.970983	0.007814	0.966516	0.008067	-0.010491	0.010964	-0.056168	0.008795
-1.0000	-0.2500	0.977605	0.009392	0.963032	0.008610	-0.021591	0.010693	-0.058845	0.007776
-1.1000	-0.2600	0.976943	0.009505	0.968672	0.008704	-0.019439	0.009019	-0.059995	0.009535
-1.0000	-0.2600	0.972846	0.009072	0.963529	0.007628	-0.020219	0.009286	-0.058739	0.009023
-1.1000	-0.2700	0.973833	0.008998	0.963923	0.007220	-0.004391	0.012553	-0.054987	0.009064
-1.0000	-0.2700	0.975197	0.009667	0.966999	0.008070	-0.018048	0.009146	-0.057965	0.007495
-1.1000	-0.2800	0.971728	0.008164	0.965286	0.008630	-0.010653	0.010078	-0.055817	0.010547
-1.0000	-0.2800	0.979040	0.009673	0.965660	0.008256	-0.005974	0.009454	-0.062997	0.009928
-1.1000	-0.2900	0.977928	0.010754	0.968147	0.007867	-0.011612	0.011177	-0.053749	0.008772
-1.0000	-0.2900	0.976580	0.008002	0.975038	0.007389	-0.027936	0.007708	-0.055023	0.009666
-1.1000	-0.3000	0.978597	0.011638	0.969157	0.007519	-0.009387	0.009457	-0.054616	0.008484
-1.0000	-0.3000	0.968528	0.010033	0.967936	0.009561	-0.014637	0.009406	-0.053342	0.007407
-1.1000	-0.3100	0.977797	0.009492	0.967805	0.007959	-0.020616	0.010914	-0.052809	0.007925
-1.0000	-0.3100	0.972103	0.009981	0.970071	0.007989	-0.027106	0.007604	-0.055661	0.008857
-1.1000	-0.3200	0.978176	0.009687	0.965541	0.008766	-0.024083	0.011467	-0.049683	0.008786
-1.0000	-0.3200	0.976680	0.010789	0.969871	0.006983	-0.019376	0.008951	-0.053190	0.007489
-1.1000	-0.3300	0.980949	0.010176	0.971577	0.008227	-0.012461	0.007979	-0.049545	0.012592

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

W

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	-0.3300	0.982120	0.010547	0.967788	0.008725	-0.009012	0.010438	-0.050255	0.007130
-1.1000	-0.3400	0.976173	0.008942	0.969271	0.008220	-0.013965	0.008242	-0.052634	0.011358
-1.0000	-0.3400	0.977699	0.011140	0.971128	0.008809	-0.018707	0.013406	-0.056801	0.009506
-1.1000	-0.3500	0.976262	0.010883	0.972003	0.007232	-0.014740	0.013211	-0.051741	0.010544
-1.0000	-0.3500	0.979227	0.007686	0.968608	0.007137	-0.007065	0.017154	-0.051484	0.008456
-1.1000	-0.3600	0.978546	0.010052	0.971919	0.006957	-0.022278	0.011363	-0.045560	0.011422
-1.0000	-0.3600	0.978274	0.010494	0.969441	0.006505	-0.004472	0.009894	-0.055573	0.008491
-1.1000	-0.3700	0.977034	0.011009	0.968723	0.008419	-0.013000	0.009075	-0.053117	0.009718
-1.0000	-0.3700	0.972701	0.007601	0.969586	0.007356	-0.019219	0.009908	-0.052912	0.008428
-1.1000	-0.3800	0.984030	0.008606	0.974600	0.009464	-0.001693	0.009480	-0.048411	0.009007
-1.0000	-0.3800	0.979334	0.009029	0.972907	0.007762	-0.022282	0.010583	-0.051101	0.008373
-1.1000	-0.3900	0.980706	0.009533	0.969728	0.007181	0.001683	0.008180	-0.050160	0.007809
-1.0000	-0.3900	0.979688	0.009195	0.973669	0.007006	-0.014269	0.009420	-0.047350	0.009612
-1.1000	-0.4000	0.979917	0.009010	0.976139	0.009104	-0.017956	0.006722	-0.046168	0.009818
-1.0000	-0.4000	0.987065	0.008201	0.976619	0.007493	-0.014543	0.008518	-0.053022	0.008312

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

	Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
	-1.0000	-0.0700	0.991446	0.019034	0.977961	0.012076	0.043962	0.013201	-0.067627	0.022509
	-0.3000	-0.0700	1.011209	0.014570	0.994127	0.010467	0.048258	0.010806	-0.077721	0.012410
	-1.0000	-0.0725	0.988743	0.023386	0.982382	0.015525	0.048316	0.017297	-0.066426	0.022868
	-0.3000	-0.0725	1.011769	0.012640	0.995650	0.011902	0.048000	0.010685	-0.078934	0.011852
	-1.0000	-0.0750	0.975764	0.029376	0.986015	0.015791	0.050650	0.011436	-0.066021	0.028607
	-0.3000	-0.0750	1.017429	0.015345	0.988603	0.017874	0.046196	0.013249	-0.077772	0.014774
	-1.0000	-0.0775	0.976492	0.022917	0.974957	0.017414	0.048582	0.017405	-0.061471	0.029445
	-0.3000	-0.0775	0.993385	0.017861	0.998409	0.014186	0.049583	0.012753	-0.076303	0.018735
	-1.0000	-0.0800	0.962764	0.036450	0.957313	0.028034	0.055450	0.020625	-0.067376	0.030074
	-0.3000	-0.0800	1.002859	0.020912	0.992350	0.015755	0.051152	0.010529	-0.077952	0.021199
	-1.0000	-0.0825	0.947328	0.040217	0.957420	0.026716	0.045818	0.029960	-0.048056	0.037351
	-0.3000	-0.0825	0.987619	0.030891	0.985141	0.018374	0.046055	0.015360	-0.074624	0.022314
	-1.0000	-0.0850	0.938236	0.036934	0.954327	0.029720	0.031912	0.025944	-0.056090	0.041675
	-0.3000	-0.0850	0.987526	0.031608	0.972263	0.026691	0.036657	0.024008	-0.075358	0.028029
	-1.0000	-0.0875	0.922528	0.032528	0.936263	0.034362	0.045167	0.028166	-0.048439	0.038804
	-0.3000	-0.0875	0.970969	0.030244	0.971062	0.027140	0.041781	0.022578	-0.079871	0.025041
168	-1.0000	-0.0900	0.936211	0.033322	0.940627	0.025854	0.048754	0.031648	-0.054335	0.036059
	-0.3000	-0.0900	0.964114	0.036792	0.913375	0.037429	0.037792	0.028466	-0.076117	0.033603
	-1.0000	-0.0925	0.896174	0.029883	0.917633	0.037852	0.040175	0.032046	-0.055831	0.042457
	-0.3000	-0.0925	0.951448	0.035626	0.920127	0.037404	0.038818	0.028852	-0.068024	0.035790
	-1.0000	-0.0950	0.892085	0.039628	0.903094	0.039870	0.038882	0.028109	-0.048350	0.042060
	-0.3000	-0.0950	0.949071	0.042809	0.917490	0.036758	0.015181	0.031175	-0.059544	0.044451
	-1.0000	-0.0975	0.880699	0.035744	0.909500	0.034267	0.033392	0.034239	-0.030841	0.033812
	-0.3000	-0.0975	0.916487	0.038805	0.901980	0.041072	0.029404	0.033604	-0.080301	0.034555
	-1.0000	-0.1000	0.900526	0.038064	0.873742	0.036180	0.040612	0.031363	-0.055611	0.042089
	-0.3000	-0.1000	0.918363	0.032039	0.897924	0.035641	-0.005127	0.038055	-0.050847	0.046669
	-1.0000	-0.1025	0.884840	0.033834	0.881526	0.038965	0.041503	0.035497	-0.036321	0.038405
	-0.3000	-0.1025	0.936296	0.033407	0.894099	0.046224	0.007056	0.030672	-0.067777	0.039761
	-1.0000	-0.1050	0.891744	0.040863	0.871198	0.035390	0.030254	0.039236	-0.044678	0.038845
	-0.3000	-0.1050	0.915509	0.046446	0.892219	0.037514	-0.020497	0.040658	-0.050602	0.048213
	-1.0000	-0.1075	0.882354	0.033722	0.869302	0.035547	0.037295	0.033668	-0.047668	0.041651
	-0.3000	-0.1075	0.901427	0.040014	0.885341	0.036934	-0.015944	0.047573	-0.064182	0.051679
	-1.0000	-0.1100	0.923409	0.036966	0.894465	0.035322	0.016909	0.033567	-0.036922	0.032114
	-0.3000	-0.1100	0.902195	0.044641	0.885121	0.037018	-0.050431	0.053616	-0.050630	0.049717
	-1.0000	-0.1125	0.921644	0.033024	0.885786	0.036421	0.009366	0.035351	-0.025750	0.031728
	-0.3000	-0.1125	0.906598	0.042058	0.914140	0.046798	-0.062324	0.046300	-0.033952	0.033614
	-1.0000	-0.1150	0.926710	0.036223	0.894964	0.040859	-0.004306	0.032979	-0.043036	0.038659

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.3000	-0.1150	0.920855	0.047628	0.925458	0.036528	-0.056214	0.039949	-0.045989	0.042947
-1.0000	-0.1175	0.938267	0.038430	0.915078	0.039016	0.009012	0.030899	-0.035636	0.029597
-0.3000	-0.1175	0.922308	0.042695	0.929840	0.047103	-0.081714	0.035029	-0.031725	0.034004
-1.0000	-0.1200	0.929542	0.037641	0.932923	0.036343	0.001938	0.030715	-0.038526	0.029695
-0.3000	-0.1200	0.926619	0.051320	0.940388	0.040207	-0.089871	0.036668	-0.043054	0.036772
-1.0000	-0.1225	0.959045	0.025400	0.935561	0.040506	-0.009858	0.035163	-0.038008	0.032080
-0.3000	-0.1225	0.929486	0.043648	0.960011	0.037803	-0.085832	0.030354	-0.029147	0.031689
-1.0000	-0.1250	0.971461	0.024385	0.933131	0.040102	0.015056	0.031334	-0.051505	0.031970
-0.3000	-0.1250	0.935483	0.038906	0.973890	0.030912	-0.095075	0.027617	-0.050647	0.040361
-1.0000	-0.1275	0.973597	0.031034	0.953755	0.033057	-0.003191	0.034450	-0.045647	0.025112
-0.3000	-0.1275	0.967216	0.032253	0.979622	0.031127	-0.103553	0.025870	-0.049821	0.030596
-1.0000	-0.1300	0.988733	0.020407	0.968683	0.025214	-0.020769	0.031933	-0.044515	0.026764
-0.3000	-0.1300	0.972573	0.035119	0.991031	0.022870	-0.104993	0.019523	-0.049716	0.034224
-1.0000	-0.1325	0.988449	0.022078	0.974221	0.023210	-0.015666	0.031074	-0.045536	0.016693
-0.3000	-0.1325	0.986139	0.023406	0.999726	0.013203	-0.107208	0.016896	-0.045110	0.026007
-1.0000	-0.1350	0.989959	0.022070	0.972694	0.026802	-0.006634	0.030655	-0.047616	0.018895
-0.3000	-0.1350	0.973114	0.029917	0.983485	0.019111	-0.104731	0.014749	-0.053861	0.026665
-1.0000	-0.1375	0.992084	0.019036	0.982411	0.019211	-0.028952	0.023976	-0.049004	0.015889
-0.3000	-0.1375	0.987152	0.024125	0.996014	0.013733	-0.112577	0.012643	-0.045345	0.022466
-1.0000	-0.1400	0.991940	0.016491	0.981015	0.019864	-0.019307	0.020138	-0.050335	0.014619
-0.3000	-0.1400	0.992319	0.024199	0.995544	0.011689	-0.097650	0.012844	-0.053818	0.020685

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	0.1500	1.001129	0.010130					-0.111320	0.007750
-1.0000	0.1500	0.992160	0.010350					-0.111440	0.008900
-1.1000	0.1383	0.988010	0.008660					-0.111600	0.008890
-1.0000	0.1383	0.996890	0.010300					-0.114210	0.009100
-1.1000	0.1267	0.995110	0.009570					-0.110880	0.009000
-1.0000	0.1267	0.993750	0.009530					-0.112000	0.008140
-1.1000	0.1150	0.991530	0.008920					-0.114770	0.009710
-1.0000	0.1150	0.990200	0.009990					-0.114870	0.009530
-1.1000	0.1033	0.986050	0.009110					-0.117790	0.008350
-1.0000	0.1033	0.989130	0.010530					-0.116170	0.008600
-1.1000	0.0917	0.987510	0.007750					-0.117790	0.007810
-1.0000	0.0917	0.986370	0.010170					-0.114620	0.010320
-1.1000	0.0800	0.988170	0.010430					-0.115560	0.009300
-1.0000	0.0800	0.987780	0.009600					-0.118720	0.007310
-1.1000	0.0683	0.988310	0.010170					-0.118430	0.009560
-1.0000	0.0683	0.982200	0.009050					-0.118440	0.007480
-1.1000	0.0567	0.980490	0.009470					-0.118760	0.008210
-1.0000	0.0567	0.978610	0.009170					-0.120180	0.007060
-1.1000	0.0450	0.976020	0.010380					-0.118280	0.008370
-1.0000	0.0450	0.974870	0.011530					-0.117820	0.009550
-1.1000	0.0333	0.971060	0.010280					-0.120430	0.007360
-1.0000	0.0333	0.972400	0.011140					-0.124310	0.008590
-1.1000	0.0217	0.968440	0.011200					-0.117590	0.007540
-1.0000	0.0217	0.968720	0.010270					-0.120310	0.008170
-1.1000	0.0100	0.965750	0.009110					-0.119570	0.009190
-1.0000	0.0100	0.965880	0.009360					-0.120970	0.006740
-1.1000	-0.0017	0.954570	0.011590					-0.119360	0.008220
-1.0000	-0.0017	0.957410	0.012020					-0.121260	0.009290
-1.1000	-0.0133	0.956300	0.008360					-0.125990	0.010160
-1.0000	-0.0133	0.955350	0.009220					-0.124980	0.009880
-1.1000	-0.0250	0.946550	0.018030					-0.127270	0.018440
-1.0000	-0.0250	0.928380	0.017750					-0.127270	0.023010
-1.1000	-0.0367	0.788550	0.058890					-0.121600	0.046740
-1.0000	-0.0367	0.765560	0.061540					-0.109300	0.060610

X/C = 1.10000 SEMI-SPAN WING VELOCITY DATA

171

Y/C	Z/C	U (II)	STD DEV	U (VI)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	0.0000	0.965570	0.010060					-0.097710	0.007750
-1.0000	0.0000	0.971970	0.009910					-0.100430	0.008550
-1.1000	-0.0025	0.966240	0.009090					-0.101600	0.007310
-1.0000	-0.0025	0.965460	0.010320					-0.098500	0.009080
-1.1000	-0.0050	0.965270	0.010190					-0.099120	0.007720
-1.0000	-0.0050	0.966780	0.009550					-0.098770	0.008110
-1.1000	-0.0075	0.965440	0.010300					-0.100280	0.007590
-1.0000	-0.0075	0.966420	0.008570					-0.099390	0.007300
-1.1000	-0.0100	0.964550	0.010510					-0.098980	0.007480
-1.0000	-0.0100	0.958690	0.009220					-0.098310	0.008000
-1.1000	-0.0125	0.967360	0.009050					-0.100890	0.008170
-1.0000	-0.0125	0.964270	0.010480					-0.099650	0.009920
-1.1000	-0.0150	0.962280	0.007000					-0.099650	0.008400
-1.0000	-0.0150	0.966260	0.008820					-0.097840	0.008170
-1.1000	-0.0175	0.959210	0.009730					-0.098680	0.008800
-1.0000	-0.0175	0.960050	0.010200					-0.098630	0.008380
-1.1000	-0.0200	0.960940	0.009870					-0.099620	0.008990
-1.0000	-0.0200	0.968700	0.010220					-0.096810	0.010430
-1.1000	-0.0225	0.958740	0.009870					-0.096420	0.010290
-1.0000	-0.0225	0.966840	0.010060					-0.097430	0.008730
-1.1000	-0.0250	0.959280	0.011900					-0.096170	0.011990
-1.0000	-0.0250	0.963050	0.010620					-0.096140	0.011590
-1.1000	-0.0275	0.958500	0.014790					-0.095570	0.014040
-1.0000	-0.0275	0.957640	0.012620					-0.098510	0.014280
-1.1000	-0.0300	0.955850	0.014310					-0.102460	0.014720
-1.0000	-0.0300	0.953450	0.015040					-0.096740	0.018690
-1.1000	-0.0325	0.948820	0.022020					-0.100300	0.021990
-1.0000	-0.0325	0.948420	0.019580					-0.093120	0.026760
-1.1000	-0.0350	0.932050	0.032160					-0.098200	0.026560
-1.0000	-0.0350	0.937510	0.031090					-0.098560	0.026210
-1.1000	-0.0375	0.922240	0.029220					-0.098610	0.032470
-1.0000	-0.0375	0.921970	0.024240					-0.095200	0.034970
-1.1000	-0.0400	0.887110	0.052120					-0.091490	0.046310
-1.0000	-0.0400	0.864170	0.057500					-0.092790	0.042250
-1.1000	-0.0425	0.952430	0.052500					-0.092090	0.048960
-1.0000	-0.0425	0.911210	0.074220					-0.097630	0.039820
-1.1000	-0.0450	0.896360	0.060940					-0.091370	0.053670

X/C = 1.10000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	-0.0450	0.798460	0.066020					-0.077680	0.057650
-1.1000	-0.0475	0.736200	0.066540					-0.063220	0.071860
-1.0000	-0.0475	0.753070	0.080680					-0.077200	0.054440
-1.1000	-0.0500	0.734980	0.072430					-0.037420	0.069950
-1.0000	-0.0500	0.711620	0.059280					-0.088740	0.046980
-1.1000	-0.0525	0.687560	0.059880					-0.044120	0.068460
-1.0000	-0.0525	0.666230	0.060170					-0.069360	0.061380
-1.1000	-0.0550	0.705540	0.072720					-0.027430	0.069590
-1.0000	-0.0550	0.708110	0.058960					-0.052460	0.059030
-1.1000	-0.0575	0.684610	0.078260					-0.043930	0.070810
-1.0000	-0.0575	0.724560	0.069050					-0.010220	0.072990
-1.1000	-0.0600	0.762310	0.098380					-0.031170	0.073690
-1.0000	-0.0600	0.772170	0.091990					-0.020680	0.065640
-1.1000	-0.0625	0.870650	0.064260					-0.021390	0.065200
-1.0000	-0.0625	0.847020	0.068280					-0.033330	0.058930
-1.1000	-0.0650	0.902100	0.051700					-0.039890	0.053960
-1.0000	-0.0650	0.911790	0.051890					-0.030180	0.039450
-1.1000	-0.0675	0.939000	0.034700					-0.042520	0.044060
-1.0000	-0.0675	0.925460	0.042280					-0.039250	0.044220
-1.1000	-0.0700	0.940720	0.034920					-0.056070	0.033810
-1.0000	-0.0700	0.946140	0.029690					-0.058750	0.034200
-1.1000	-0.0725	0.957890	0.026590					-0.058650	0.026180
-1.0000	-0.0725	0.946560	0.031820					-0.068690	0.029610
-1.1000	-0.0750	0.959240	0.020320					-0.069430	0.021030
-1.0000	-0.0750	0.956450	0.026330					-0.070330	0.021770
-1.1000	-0.0775	0.956090	0.018980					-0.071250	0.021930
-1.0000	-0.0775	0.954920	0.017430					-0.068490	0.018010
-1.1000	-0.0800	0.962200	0.016920					-0.072290	0.014950
-1.0000	-0.0800	0.955190	0.015370					-0.073850	0.014380
-1.1000	-0.0825	0.953310	0.014130					-0.072110	0.012990
-1.0000	-0.0825	0.961470	0.015210					-0.070620	0.011870

172

X/C = 1.1000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	-0.0400	0.938154	0.022918	0.048998	0.016090	0.000000	0.000000		
-1.0000	-0.0400	0.932286	0.023180	0.054372	0.011998	0.000000	0.000000		
-1.1000	-0.0425	0.925348	0.023062	0.051454	0.016505	0.000000	0.000000		
-1.0000	-0.0425	0.904384	0.044034	0.053245	0.013597	0.000000	0.000000		
-1.1000	-0.0450	0.920410	0.030222	0.049376	0.014068	0.000000	0.000000		
-1.0000	-0.0450	0.886098	0.041664	0.057034	0.019748	0.000000	0.000000		
-1.1000	-0.0475	0.865749	0.047101	0.054671	0.023510	0.000000	0.000000		
-1.0000	-0.0475	0.831195	0.048892	0.057276	0.027487	0.000000	0.000000		
-1.1000	-0.0500	0.857145	0.065786	0.068639	0.035284	0.000000	0.000000		
-1.0000	-0.0500	0.810452	0.065212	0.054414	0.034753	0.000000	0.000000		
-1.1000	-0.0525	0.805011	0.064770	0.053816	0.038792	0.000000	0.000000		
-1.0000	-0.0525	0.738294	0.066146	0.047266	0.045444	0.000000	0.000000		
-1.1000	-0.0550	0.766037	0.072464	0.055347	0.042385	0.000000	0.000000		
-1.0000	-0.0550	0.696448	0.055046	0.041476	0.039396	0.000000	0.000000		
-1.1000	-0.0575	0.714721	0.063862	0.067843	0.047087	0.000000	0.000000		
-1.0000	-0.0575	0.743049	0.068966	0.055355	0.041835	0.000000	0.000000		
-1.1000	-0.0600	0.752919	0.065777	0.063522	0.056730	0.000000	0.000000		
-1.0000	-0.0600	0.719765	0.073314	0.040057	0.058470	0.000000	0.000000		
-1.1000	-0.0625	0.702227	0.068321	0.048554	0.058219	0.000000	0.000000		
-1.0000	-0.0625	0.769613	0.056339	0.040433	0.048105	0.000000	0.000000		
-1.1000	-0.0650	0.787260	0.056889	0.040864	0.039584	0.000000	0.000000		
-1.0000	-0.0650	0.816984	0.088294	0.058637	0.061770	0.000000	0.000000		
-1.1000	-0.0675	0.846751	0.074910	0.014387	0.050830	0.000000	0.000000		
-1.0000	-0.0675	0.850947	0.073038	0.025386	0.065613	0.000000	0.000000		
-1.1000	-0.0700	0.898624	0.056087	0.021811	0.065284	0.000000	0.000000		
-1.0000	-0.0700	0.914956	0.050324	0.015277	0.057004	0.000000	0.000000		
-1.1000	-0.0725	0.924324	0.046572	0.006820	0.065846	0.000000	0.000000		
-1.0000	-0.0725	0.922911	0.048144	-0.007107	0.064397	0.000000	0.000000		
-1.1000	-0.0750	0.931865	0.042520	0.001578	0.068797	0.000000	0.000000		
-1.0000	-0.0750	0.939225	0.025014	-0.007585	0.055601	0.000000	0.000000		
-1.1000	-0.0775	0.939431	0.027268	0.001602	0.050258	0.000000	0.000000		
-1.0000	-0.0775	0.955922	0.024950	-0.015802	0.042977	0.000000	0.000000		
-1.1000	-0.0800	0.955145	0.017044	-0.014821	0.045715	0.000000	0.000000		
-1.0000	-0.0800	0.955004	0.016559	-0.012307	0.037495	0.000000	0.000000		
-1.1000	-0.0825	0.950600	0.015508	-0.026454	0.032578	0.000000	0.000000		
-1.0000	-0.0825	0.955365	0.015216	-0.014953	0.032243	0.000000	0.000000		
-1.1000	-0.0850	0.952649	0.012867	-0.013271	0.022989	0.000000	0.000000		

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	-0.0850			0.957632	0.013570	-0.017544	0.022895	0.000000	0.000000
-1.1000	-0.0875			0.950740	0.013033	-0.014795	0.017575	0.000000	0.000000
-1.0000	-0.0875			0.952326	0.010953	-0.020520	0.012181	0.000000	0.000000
-1.1000	-0.0900			0.953908	0.010824	-0.020029	0.014460	0.000000	0.000000
-1.0000	-0.0900			0.958493	0.010761	-0.027599	0.012556	0.000000	0.000000
-1.1000	-0.0925			0.951182	0.008643	-0.012385	0.014120	0.000000	0.000000
-1.0000	-0.0925			0.952455	0.008680	-0.027104	0.014577	0.000000	0.000000
-1.1000	-0.0950			0.949538	0.008603	-0.020089	0.010673	0.000000	0.000000
-1.0000	-0.0950			0.955161	0.007040	-0.017919	0.010432	0.000000	0.000000
-1.1000	-0.0975			0.954572	0.006603	-0.017698	0.011497	0.000000	0.000000
-1.0000	-0.0975			0.953820	0.007269	-0.027566	0.013984	0.000000	0.000000
-1.1000	-0.1000			0.950948	0.006935	-0.018485	0.014907	0.000000	0.000000
-1.0000	-0.1000			0.953763	0.007641	-0.011081	0.009337	0.000000	0.000000

W

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	-0.0400	0.940196	0.020979	0.044506	0.012299	0.000000	0.000000		
-1.0000	-0.0400	0.923062	0.030976	0.047385	0.012310	0.000000	0.000000		
-1.1000	-0.0425	0.917161	0.031826	0.044015	0.017920	0.000000	0.000000		
-1.0000	-0.0425	0.907604	0.038528	0.063127	0.018808	0.000000	0.000000		
-1.1000	-0.0450	0.898417	0.042460	0.053757	0.014546	0.000000	0.000000		
-1.0000	-0.0450	0.876828	0.054959	0.055118	0.015585	0.000000	0.000000		
-1.1000	-0.0475	0.878445	0.048660	0.054025	0.023284	0.000000	0.000000		
-1.0000	-0.0475	0.782389	0.058225	0.044792	0.031941	0.000000	0.000000		
-1.1000	-0.0500	0.839603	0.054167	0.050152	0.032380	0.000000	0.000000		
-1.0000	-0.0500	0.782144	0.067912	0.050395	0.047885	0.000000	0.000000		
-1.1000	-0.0525	0.814627	0.070997	0.058579	0.049477	0.000000	0.000000		
-1.0000	-0.0525	0.759651	0.068471	0.060425	0.046772	0.000000	0.000000		
-1.1000	-0.0550	0.768339	0.066048	0.066765	0.048315	0.000000	0.000000		
-1.0000	-0.0550	0.735038	0.083200	0.076293	0.059329	0.000000	0.000000		
-1.1000	-0.0575	0.766529	0.068875	0.063032	0.053475	0.000000	0.000000		
-1.0000	-0.0575	0.711420	0.062238	0.054042	0.058974	0.000000	0.000000		
-1.1000	-0.0600	0.717268	0.073051	0.048300	0.055108	0.000000	0.000000		
-1.0000	-0.0600	0.726120	0.078963	0.061459	0.063781	0.000000	0.000000		
-1.1000	-0.0625	0.737559	0.086394	0.062962	0.053862	0.000000	0.000000		
-1.0000	-0.0625	0.770008	0.077842	0.061044	0.037900	0.000000	0.000000		
-1.1000	-0.0650	0.772400	0.087852	0.047635	0.047576	0.000000	0.000000		
-1.0000	-0.0650	0.890374	0.068459	0.032692	0.053039	0.000000	0.000000		
-1.1000	-0.0675	0.887878	0.066269	0.048844	0.057961	0.000000	0.000000		
-1.0000	-0.0675	0.902989	0.060480	0.067203	0.070342	0.000000	0.000000		
-1.1000	-0.0700	0.910530	0.050269	0.064532	0.075723	0.000000	0.000000		
-1.0000	-0.0700	0.856801	0.063763	0.069250	0.058996	0.000000	0.000000		

175

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	-0.0300	0.921002	0.025915	0.052868	0.011440	0.000000	0.000000		
-1.0000	-0.0300	0.926592	0.027792	0.052216	0.013130	0.000000	0.000000		
-1.1000	-0.0325	0.925192	0.023868	0.046650	0.011383	0.000000	0.000000		
-1.0000	-0.0325	0.891149	0.041477	0.046928	0.020501	0.000000	0.000000		
-1.1000	-0.0350	0.890510	0.040492	0.032237	0.018899	0.000000	0.000000		
-1.0000	-0.0350	0.854222	0.062491	0.053241	0.023218	0.000000	0.000000		
-1.1000	-0.0375	0.876981	0.045392	0.051308	0.024560	0.000000	0.000000		
-1.0000	-0.0375	0.822183	0.067978	0.052360	0.028789	0.000000	0.000000		
-1.1000	-0.0400	0.824491	0.063171	0.049986	0.033091	0.000000	0.000000		
-1.0000	-0.0400	0.785489	0.063177	0.063924	0.038411	0.000000	0.000000		
-1.1000	-0.0425	0.790510	0.070816	0.054181	0.039358	0.000000	0.000000		
-1.0000	-0.0425	0.726280	0.078620	0.047946	0.047375	0.000000	0.000000		
-1.1000	-0.0450	0.759125	0.066529	0.058625	0.047867	0.000000	0.000000		
-1.0000	-0.0450	0.733885	0.081598	0.055756	0.047495	0.000000	0.000000		
-1.1000	-0.0475	0.700376	0.068221	0.044275	0.056225	0.000000	0.000000		
-1.0000	-0.0475	0.688864	0.073560	0.031784	0.032824	0.000000	0.000000		
-1.1000	-0.0500	0.674613	0.056280	0.056114	0.059493	0.000000	0.000000		
-1.0000	-0.0500	0.719023	0.072367	0.063824	0.059256	0.000000	0.000000		
-1.1000	-0.0525	0.709184	0.070122	0.038438	0.052852	0.000000	0.000000		
-1.0000	-0.0525	0.758709	0.085296	0.027399	0.059173	0.000000	0.000000		
-1.1000	-0.0550	0.775573	0.095678	0.027296	0.064271	0.000000	0.000000		
-1.0000	-0.0550	0.761616	0.078372	0.014170	0.041575	0.000000	0.000000		
-1.1000	-0.0575	0.830251	0.089011	0.002958	0.053278	0.000000	0.000000		
-1.0000	-0.0575	0.857087	0.076298	0.013215	0.058209	0.000000	0.000000		
-1.1000	-0.0600	0.885718	0.058648	0.008828	0.062171	0.000000	0.000000		
-1.0000	-0.0600	0.914574	0.048567	0.020066	0.061417	0.000000	0.000000		

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

W

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	-0.0300			0.953845	0.011358	0.044491	0.012140	0.000000	0.000000
-1.0000	-0.0300			0.943883	0.017550	0.049945	0.016291	0.000000	0.000000
-1.1000	-0.0325			0.944474	0.017250	0.042348	0.012570	0.000000	0.000000
-1.0000	-0.0325			0.931248	0.024157	0.047524	0.016686	0.000000	0.000000
-1.1000	-0.0350			0.934535	0.027305	0.055615	0.013279	0.000000	0.000000
-1.0000	-0.0350			0.912071	0.036390	0.048829	0.014142	0.000000	0.000000
-1.1000	-0.0375			0.895514	0.045943	0.048457	0.017211	0.000000	0.000000
-1.0000	-0.0375			0.882146	0.048014	0.051019	0.014646	0.000000	0.000000
-1.1000	-0.0400			0.865267	0.058570	0.042814	0.019983	0.000000	0.000000
-1.0000	-0.0400			0.798270	0.045332	0.059272	0.021202	0.000000	0.000000
-1.1000	-0.0425			0.833649	0.072125	0.048708	0.029483	0.000000	0.000000
-1.0000	-0.0425			0.812390	0.071885	0.042160	0.037076	0.000000	0.000000
-1.1000	-0.0450			0.814466	0.081703	0.050335	0.037065	0.000000	0.000000
-1.0000	-0.0450			0.770925	0.081231	0.036975	0.043904	0.000000	0.000000
-1.1000	-0.0475			0.755891	0.080631	0.052273	0.058539	0.000000	0.000000
-1.0000	-0.0475			0.759435	0.079322	0.045670	0.050703	0.000000	0.000000
-1.1000	-0.0500			0.738017	0.063949	0.067280	0.049569	0.000000	0.000000
-1.0000	-0.0500			0.708520	0.058753	0.055078	0.057724	0.000000	0.000000
-1.1000	-0.0525			0.705353	0.078369	0.065792	0.048278	0.000000	0.000000
-1.0000	-0.0525			0.705752	0.077507	0.067782	0.048692	0.000000	0.000000
-1.1000	-0.0550			0.694905	0.067876	0.026472	0.052123	0.000000	0.000000
-1.0000	-0.0550			0.725922	0.082055	0.001519	0.046485	0.000000	0.000000
-1.1000	-0.0575			0.746565	0.085512	0.038924	0.052039	0.000000	0.000000
-1.0000	-0.0575			0.835873	0.073977	0.053198	0.053166	0.000000	0.000000
-1.1000	-0.0600			0.834827	0.090839	0.023165	0.052486	0.000000	0.000000
-1.0000	-0.0600			0.872970	0.064962	0.016492	0.060071	0.000000	0.000000

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	0.1500	0.992520	0.006796	0.046656	0.009952	0.000000	0.000000	0.000000	0.000000
-1.0000	0.1500	0.984478	0.006481	0.053319	0.008918	0.000000	0.000000	0.000000	0.000000
-1.1000	0.1383	0.987138	0.006390	0.049516	0.009571	0.000000	0.000000	0.000000	0.000000
-1.0000	0.1383	0.985890	0.005578	0.046519	0.008237	0.000000	0.000000	0.000000	0.000000
-1.1000	0.1267	0.987682	0.005629	0.046610	0.011276	0.000000	0.000000	0.000000	0.000000
-1.0000	0.1267	0.990340	0.006588	0.042226	0.008765	0.000000	0.000000	0.000000	0.000000
-1.1000	0.1150	0.984462	0.005593	0.042415	0.007909	0.000000	0.000000	0.000000	0.000000
-1.0000	0.1150	0.986810	0.007397	0.050278	0.008880	0.000000	0.000000	0.000000	0.000000
-1.1000	0.1033	0.984042	0.007286	0.043184	0.011053	0.000000	0.000000	0.000000	0.000000
-1.0000	0.1033	0.986232	0.006825	0.047596	0.009494	0.000000	0.000000	0.000000	0.000000
-1.1000	0.0917	0.980676	0.009091	0.044848	0.010160	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0917	0.981888	0.007473	0.048771	0.008700	0.000000	0.000000	0.000000	0.000000
-1.1000	0.0800	0.980114	0.006200	0.039046	0.009648	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0800	0.977914	0.008645	0.041637	0.009671	0.000000	0.000000	0.000000	0.000000
-1.1000	0.0683	0.980462	0.005690	0.038455	0.011359	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0683	0.975990	0.009259	0.050979	0.011897	0.000000	0.000000	0.000000	0.000000
-1.1000	0.0567	0.973989	0.006871	0.043029	0.009951	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0567	0.971707	0.007888	0.055307	0.007757	0.000000	0.000000	0.000000	0.000000
-1.1000	0.0450	0.966881	0.007762	0.041812	0.009129	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0450	0.968376	0.007182	0.046707	0.008727	0.000000	0.000000	0.000000	0.000000
-1.1000	0.0333	0.969718	0.007659	0.039604	0.008134	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0333	0.961767	0.006689	0.050067	0.007791	0.000000	0.000000	0.000000	0.000000
-1.1000	0.0217	0.965296	0.007012	0.045321	0.010233	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0217	0.960709	0.006720	0.056082	0.008420	0.000000	0.000000	0.000000	0.000000
-1.1000	0.0100	0.959941	0.007080	0.045695	0.015337	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0100	0.959679	0.007437	0.042687	0.009076	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0017	0.954250	0.007849	0.051483	0.006753	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0017	0.959574	0.007359	0.047921	0.007613	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0133	0.950086	0.007141	0.043593	0.010631	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0133	0.947976	0.007143	0.047101	0.009353	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0250	0.946745	0.006762	0.045639	0.011532	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0250	0.943330	0.008429	0.038991	0.014875	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0367	0.918308	0.022512	0.045459	0.012306	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0367	0.918473	0.026469	0.046089	0.012113	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0483	0.773890	0.060236	0.042357	0.027123	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0483	0.786100	0.061958	0.048280	0.038546	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0600	0.766521	0.144508	0.059451	0.053381	0.000000	0.000000	0.000000	0.000000

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	-0.0600	0.840100	0.101491	0.038456	0.055148	0.000000	0.000000		
-1.1000	-0.0717	0.930960	0.026491	0.042511	0.081807	0.000000	0.000000		
-1.0000	-0.0717	0.932760	0.023752	0.006200	0.080951	0.000000	0.000000		
-1.1000	-0.0833	0.942531	0.009849	-0.023288	0.020433	0.000000	0.000000		
-1.0000	-0.0833	0.941686	0.011183	-0.023941	0.012359	0.000000	0.000000		
-1.1000	-0.0950	0.943644	0.008096	-0.017247	0.010553	0.000000	0.000000		
-1.0000	-0.0950	0.943860	0.008725	-0.020966	0.011579	0.000000	0.000000		
-1.1000	-0.1067	0.929846	0.007429	-0.014844	0.012482	0.000000	0.000000		
-1.0000	-0.1067	0.940592	0.008140	-0.015561	0.013696	0.000000	0.000000		
-1.1000	-0.1183	0.944487	0.008210	-0.013669	0.011026	0.000000	0.000000		
-1.0000	-0.1183	0.947897	0.008415	-0.016416	0.007020	0.000000	0.000000		
-1.1000	-0.1300	0.944804	0.009673	-0.016312	0.014036	0.000000	0.000000		
-1.0000	-0.1300	0.949056	0.006610	-0.018665	0.013397	0.000000	0.000000		
-1.1000	-0.1417	0.949278	0.008543	-0.015297	0.013215	0.000000	0.000000		
-1.0000	-0.1417	0.954109	0.008820	-0.020969	0.013840	0.000000	0.000000		
-1.1000	-0.1533	0.954742	0.010551	-0.015793	0.015192	0.000000	0.000000		
-1.0000	-0.1533	0.946837	0.008119	-0.016494	0.012194	0.000000	0.000000		
-1.1000	-0.1650	0.948582	0.006365	-0.024843	0.010925	0.000000	0.000000		
-1.0000	-0.1650	0.952075	0.009157	-0.020076	0.010904	0.000000	0.000000		
-1.1000	-0.1767	0.953391	0.008234	-0.015012	0.012333	0.000000	0.000000		
-1.0000	-0.1767	0.957294	0.008442	-0.023419	0.010508	0.000000	0.000000		
-1.1000	-0.1883	0.956191	0.007344	-0.022756	0.009877	0.000000	0.000000		
-1.0000	-0.1883	0.954462	0.007613	-0.025888	0.011494	0.000000	0.000000		
-1.1000	-0.2000	0.953643	0.008729	-0.016871	0.009924	0.000000	0.000000		
-1.0000	-0.2000	0.959839	0.007594	-0.014300	0.007679	0.000000	0.000000		

179

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	0.0000	0.953190	0.007480	0.050430	0.007540	0.000000	0.000000	0.000000	0.000000
-1.0000	0.0000	0.952680	0.007470	0.039880	0.011740	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0025	0.951890	0.006700	0.042940	0.010550	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0025	0.952890	0.007470	0.038340	0.012780	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0050	0.951400	0.007560	0.049000	0.010700	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0050	0.951730	0.006930	0.054460	0.006730	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0075	0.954480	0.006500	0.038830	0.013070	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0075	0.947240	0.007020	0.042320	0.010630	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0100	0.952460	0.006610	0.048350	0.008150	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0100	0.949150	0.007430	0.048080	0.010930	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0125	0.949640	0.006670	0.049660	0.011350	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0125	0.945720	0.007380	0.054590	0.011690	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0150	0.945100	0.007360	0.039340	0.010350	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0150	0.947160	0.006870	0.044110	0.008250	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0175	0.945500	0.007350	0.046010	0.011780	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0175	0.940240	0.006450	0.045510	0.011290	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0200	0.945260	0.005360	0.047820	0.013690	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0200	0.940410	0.006690	0.053060	0.009530	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0225	0.945230	0.008150	0.051070	0.011560	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0225	0.945620	0.008370	0.043780	0.010030	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0250	0.939170	0.007460	0.042200	0.009870	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0250	0.944130	0.007870	0.049440	0.011810	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0275	0.947740	0.007270	0.034420	0.008690	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0275	0.938580	0.007910	0.040570	0.012050	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0300	0.938430	0.009860	0.048660	0.009280	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0300	0.940950	0.008660	0.048420	0.010180	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0325	0.938820	0.010360	0.053590	0.010580	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0325	0.934860	0.010630	0.054750	0.010720	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0350	0.935110	0.012420	0.044020	0.011610	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0350	0.928250	0.014710	0.042380	0.010500	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0375	0.918360	0.026320	0.028710	0.011040	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0375	0.918910	0.026460	0.051950	0.007660	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0400	0.900340	0.032850	0.032380	0.013890	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0400	0.894480	0.038710	0.047200	0.013830	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0425	0.889770	0.034460	0.040170	0.010170	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0425	0.832290	0.069710	0.043450	0.018990	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0450	0.831600	0.063900	0.036380	0.020580	0.000000	0.000000	0.000000	0.000000

X/C = 1.02000

SEMI-SPAN WING VELOCITY DATA

W

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	-0.0450	0.825640	0.062520	0.045600	0.017160	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0475	0.799960	0.075980	0.040740	0.022870	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0475	0.774400	0.074820	0.053450	0.032800	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0500	0.772190	0.078240	0.040520	0.030230	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0500	0.728480	0.080420	0.046930	0.037380	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0525	0.706130	0.083990	0.060410	0.042460	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0525	0.690090	0.090120	0.058430	0.048300	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0550	0.670440	0.091690	0.050830	0.040290	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0550	0.631110	0.084830	0.066750	0.047340	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0575	0.591860	0.082680	0.044510	0.051200	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0575	0.649250	0.093630	0.036380	0.058850	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0600	0.600720	0.109390	0.045480	0.057810	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0600	0.622590	0.105330	0.017960	0.051390	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0625	0.774740	0.119700	0.055250	0.063680	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0625	0.791770	0.113130	0.000980	0.051110	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0650	0.838980	0.098740	0.063850	0.067270	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0650	0.879760	0.067940	0.056330	0.064590	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0675	0.906350	0.052850	0.027150	0.067700	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0675	0.890270	0.066820	0.024220	0.072770	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0700	0.921560	0.036380	0.038520	0.070700	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0700	0.922750	0.031370	0.021270	0.077750	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0725	0.924020	0.025260	0.024050	0.086340	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0725	0.930750	0.022670	-0.026290	0.069570	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0750	0.937610	0.017800	-0.019100	0.071270	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0750	0.936050	0.018650	-0.012150	0.045730	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0775	0.938050	0.013230	-0.018100	0.047540	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0775	0.934660	0.014360	-0.025560	0.034920	0.000000	0.000000	0.000000	0.000000

181

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.1000	0.0000	0.962277	0.006466	0.053075	0.010093	0.000000	0.000000		
-1.0000	0.0000	0.967176	0.006227	0.053671	0.008430	0.000000	0.000000		
-1.1000	-0.0025	0.964589	0.006518	0.049118	0.014490	0.000000	0.000000		
-1.0000	-0.0025	0.958726	0.006027	0.053169	0.011551	0.000000	0.000000		
-1.1000	-0.0050	0.965148	0.006394	0.057357	0.009685	0.000000	0.000000		
-1.0000	-0.0050	0.960623	0.007377	0.054180	0.010167	0.000000	0.000000		
-1.1000	-0.0075	0.958346	0.005680	0.059165	0.009742	0.000000	0.000000		
-1.0000	-0.0075	0.962702	0.005883	0.054191	0.009560	0.000000	0.000000		
-1.1000	-0.0100	0.967236	0.006484	0.051945	0.010263	0.000000	0.000000		
-1.0000	-0.0100	0.957302	0.007065	0.052258	0.009007	0.000000	0.000000		
-1.1000	-0.0125	0.961715	0.007446	0.044109	0.010552	0.000000	0.000000		
-1.0000	-0.0125	0.963886	0.006984	0.055152	0.011706	0.000000	0.000000		
-1.1000	-0.0150	0.962026	0.007149	0.049374	0.010286	0.000000	0.000000		
-1.0000	-0.0150	0.959527	0.007426	0.051467	0.011872	0.000000	0.000000		
-1.1000	-0.0175	0.962090	0.007430	0.039613	0.010043	0.000000	0.000000		
-1.0000	-0.0175	0.959729	0.007600	0.056204	0.008929	0.000000	0.000000		
-1.1000	-0.0200	0.960823	0.006303	0.046804	0.009205	0.000000	0.000000		
-1.0000	-0.0200	0.964633	0.007386	0.040321	0.008880	0.000000	0.000000		
-1.1000	-0.0225	0.954284	0.007348	0.045584	0.009157	0.000000	0.000000		
-1.0000	-0.0225	0.957921	0.007019	0.058005	0.009810	0.000000	0.000000		
-1.1000	-0.0250	0.958368	0.009140	0.049323	0.009949	0.000000	0.000000		
-1.0000	-0.0250	0.958352	0.007316	0.048647	0.009273	0.000000	0.000000		
-1.1000	-0.0275	0.960911	0.007163	0.044465	0.016056	0.000000	0.000000		
-1.0000	-0.0275	0.956508	0.007544	0.052104	0.011591	0.000000	0.000000		
-1.1000	-0.0300	0.961236	0.005420	0.032896	0.010149	0.000000	0.000000		
-1.0000	-0.0300	0.957198	0.007368	0.043296	0.011354	0.000000	0.000000		
-1.1000	-0.0325	0.958561	0.007330	0.047291	0.008205	0.000000	0.000000		
-1.0000	-0.0325	0.952734	0.007626	0.051748	0.009586	0.000000	0.000000		
-1.1000	-0.0350	0.953208	0.009751	0.057570	0.013829	0.000000	0.000000		
-1.0000	-0.0350	0.955777	0.010230	0.037236	0.012265	0.000000	0.000000		
-1.1000	-0.0375	0.959781	0.010133	0.043710	0.011003	0.000000	0.000000		
-1.0000	-0.0375	0.955649	0.013215	0.058329	0.011355	0.000000	0.000000		
-1.1000	-0.0400	0.952861	0.010670	0.052618	0.010716	0.000000	0.000000		
-1.0000	-0.0400	0.951426	0.013725	0.047479	0.012701	0.000000	0.000000		
-1.1000	-0.0425	0.949732	0.017541	0.054688	0.011942	0.000000	0.000000		
-1.0000	-0.0425	0.941598	0.018717	0.051069	0.015763	0.000000	0.000000		
-1.1000	-0.0450	0.934580	0.026687	0.049370	0.021620	0.000000	0.000000		

X/C = 1.10000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	-0.0450	0.931544	0.022568	0.044778	0.014168	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0475	0.925102	0.032462	0.055521	0.013885	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0475	0.914006	0.034964	0.058989	0.010547	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0500	0.901749	0.046426	0.056858	0.020958	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0500	0.877189	0.048249	0.041334	0.019268	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0525	0.882929	0.054809	0.054742	0.021935	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0525	0.789687	0.059488	0.043318	0.024140	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0550	0.835544	0.065452	0.046324	0.029146	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0550	0.801442	0.080364	0.053478	0.034005	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0575	0.834973	0.056023	0.056074	0.037398	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0575	0.705732	0.076491	0.051238	0.051044	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0600	0.770679	0.075188	0.054360	0.044037	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0600	0.717104	0.075474	0.059715	0.058954	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0625	0.683528	0.057298	0.053671	0.059284	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0625	0.695764	0.063130	0.061146	0.046149	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0650	0.697194	0.073237	-0.039417	0.039607	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0650	0.675403	0.059901	0.049658	0.052575	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0675	0.686126	0.063969	0.037181	0.048906	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0675	0.721824	0.082563	0.039471	0.053273	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0700	0.740600	0.078025	0.037590	0.050303	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0700	0.858173	0.079641	0.021894	0.061800	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0725	0.835096	0.092019	0.022820	0.053853	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0725	0.851780	0.090434	0.024411	0.070207	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0750	0.906055	0.056332	0.024938	0.067722	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0750	0.918901	0.052712	-0.003607	0.075213	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0775	0.935676	0.041113	-0.002275	0.071346	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0775	0.938401	0.033832	-0.010943	0.056618	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0800	0.944011	0.029830	-0.015316	0.059646	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0800	0.948800	0.027330	-0.007525	0.056694	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0825	0.949662	0.024923	-0.014397	0.056250	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0825	0.953739	0.019139	-0.010477	0.042542	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0850	0.955434	0.019574	-0.009496	0.034853	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0850	0.957664	0.014568	-0.016387	0.030899	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0875	0.961643	0.014914	-0.016717	0.026600	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0875	0.960505	0.012152	-0.009866	0.022886	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0900	0.957723	0.013184	-0.004839	0.018515	0.000000	0.000000	0.000000	0.000000
-1.0000	-0.0900	0.956846	0.011227	-0.014608	0.016894	0.000000	0.000000	0.000000	0.000000
-1.1000	-0.0925	0.958457	0.011153	-0.016871	0.019161	0.000000	0.000000	0.000000	0.000000

W

X/C = 1.10000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	-0.0925			0.957027	0.011165	-0.010159	0.014766	0.000000	0.000000
-1.1000	-0.0950			0.954904	0.009368	-0.017753	0.016536	0.000000	0.000000
-1.0000	-0.0950			0.957055	0.009467	-0.026136	0.012490	0.000000	0.000000
-1.1000	-0.0975			0.957343	0.009609	-0.011342	0.017151	0.000000	0.000000
-1.0000	-0.0975			0.955714	0.009311	-0.017819	0.013520	0.000000	0.000000
-1.1000	-0.1000			0.957602	0.008120	-0.015584	0.011059	0.000000	0.000000
-1.0000	-0.1000			0.960921	0.007753	-0.008842	0.015465	0.000000	0.000000

R

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	0.2500	0.995810	0.010435					-0.048384	0.008575
-0.5000	0.2500	1.008420	0.011306					-0.048455	0.009953
-1.0000	-0.2500	0.994333	0.011701					-0.050843	0.010623
-0.5000	-0.2500	0.986607	0.008216					-0.052154	0.008860

X/C = 1.8000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0800	0.0270	1.011120	0.035018					-0.373464	0.040014
-0.0133	0.0270	0.976749	0.043058					0.433412	0.071125
-0.0800	0.0250	1.015680	0.036710					-0.401332	0.037423
-0.0133	0.0250	0.983675	0.035927					0.422993	0.053852

R

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0800	0.0270	1.001760	0.033815					-0.392845	0.044751
-0.0133	0.0270	0.971166	0.035628					0.268925	0.070340
-0.0800	0.0250	1.006800	0.031645					-0.378722	0.040626
-0.0133	0.0250	0.976871	0.034697					0.430606	0.067791

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0800	0.0270	1.007099	0.034083					-0.385705	0.045228
-0.0133	0.0270	0.989619	0.029224					0.426528	0.059353
-0.0800	0.0250	1.008719	0.031413					-0.387571	0.037959
-0.0133	0.0250	0.972067	0.034061					0.441119	0.043705

R

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0800	0.0270	1.019850	0.039925					-0.395389	0.034652
-0.0133	0.0270	0.969112	0.035020					0.448963	0.041497
-0.0800	0.0250	1.019850	0.034856					-0.378028	0.044307
-0.0133	0.0250	0.987804	0.045403					0.410857	0.064471

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-0.0800	0.0270	1.017730	0.036894					-0.398947	0.045254
-0.0133	0.0270	0.995646	0.050228					0.412197	0.066849
-0.0800	0.0250	1.001010	0.030545					-0.382503	0.042132
-0.0133	0.0250	0.976816	0.046436					0.440144	0.055493

R

X/C = 1.80000 SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	0.2500	1.004430	0.010508					-0.050108	0.011737
-0.5000	0.2500	1.008989	0.009299					-0.050207	0.010241
-1.0000	-0.2500	0.989198	0.010459					-0.054314	0.009804
-0.5000	-0.2500	0.997843	0.009440					-0.050758	0.008029

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	0.2500	1.000970	0.010747					-0.045327	0.010214
-0.5000	0.2500	1.007170	0.009764					-0.049101	0.010868
-1.0000	-0.2500	0.988231	0.010261					-0.050827	0.008552
-0.5000	-0.2500	0.997108	0.010187					-0.049336	0.009218

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	0.2500	1.002509	0.010723					-0.045733	0.012334
-0.5000	0.2500	1.001289	0.006812					-0.050337	0.010883
-1.0000	-0.2500	0.987651	0.009071					-0.050562	0.008532
-0.5000	-0.2500	0.995487	0.008887					-0.048950	0.008076

R

X/C = 1.80000

SEMI-SPAN WING VELOCITY DATA

Y/C	Z/C	U (H)	STD DEV	U (V)	STD DEV	V	STD DEV	W	STD DEV
-1.0000	0.2500	1.000079	0.008088					-0.042896	0.008605
-0.5000	0.2500	1.006920	0.010835					-0.048413	0.010857
-1.0000	-0.2500	0.986911	0.010729					-0.050524	0.008747
-0.5000	-0.2500	0.996668	0.010682					-0.050109	0.008919

1. Report No. AAVRADCOM NASA TM 84213 TR82A1		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle SPANWISE LOADING DISTRIBUTION AND WAKE VELOCITY SURVEYS OF A SEMI-SPAN WING				5. Report Date February 1982	
				6. Performing Organization Code	
7. Author(s) Fort F. Felker, III				8. Performing Organization Report No. A-8819	
9. Performing Organization Name and Address Ames Research Center, NASA, and AVRADCOM Research & Technology Laboratories, Moffett Field, CA 94035				10. Work Unit No.	
				11. Contract or Grant No.	
12. Sponsoring Agency Name and Address National Aeronautics & Space Administration, Washington, D.C. 20546 and U.S. Army Aviation Research & Development Command, St. Louis, MO 93166				13. Type of Report and Period Covered Technical Memorandum	
				14. Sponsoring Agency Code	
15. Supplementary Notes Point of Contact: Fort F. Felker III, M/S 247-1, NASA-Ames Research Center, Moffett Field, CA 94035, FTS 448-965-6668, 415-965-6668.					
16. Abstract <p>The spanwise distribution of bound circulation on a semi-span wing and the flow velocities in its wake were measured in a wind tunnel. Particular attention was given to documenting the flow velocities in and around the developing tip vortex. A two-component laser velocimeter was used to make the velocity measurements. This report presents, without discussion, the spanwise distribution of bound circulation, three components of the time-averaged velocities throughout the near wake and their standard deviations, and the integrated forces and moments on a metric tip as measured by an internal strain gage balance.</p>					
17. Key Words (Suggested by Author(s)) Aerodynamics Wind tunnel test Tip vortex Lift loading				18. Distribution Statement Unlimited STAR Category - 02	
19. Security Classif. (of this report) Unclassified		20. Security Classif. (of this page) Unclassified		21. No. of Pages 197	22. Price* A09

DO NOT REMOVE SLIP FROM MATERIAL

Delete your name from this slip when returning material to the library.

NAME	DATE	MS
Lukha Jenkins	1/10/95	454