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REPORT NO. RD-TR-65-6

TABULATED STABILITY DATA FOR A SERIES OF
RING TAIL BODY CONFIGURATIONS AT MACH
NUMBERS FROM 0.8 TO 4.5

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by

Donald V. Rubin

April 1965



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15 April 1965

REPORT NO. RD-TR-65-6

**TABULATED STABILITY DATA FOR A SERIES OF
RING TAIL BODY CONFIGURATIONS AT MACH
NUMBERS FROM 0.3 TO 4.5**

by
Donald V. Rubin

DA Project No. 1S222901A206
AMC Management Structure Code No. 5221.11.148

**Aerodynamics Branch
Advanced Systems Laboratory
Directorate of Research and Development
U. S. Army Missile Command
Redstone Arsenal, Alabama**

ABSTRACT

The static stability characteristics of ring tails on a body of revolution has been investigated during a series of wind tunnel tests. Mach numbers varied from 0.8 to 4.5, and ring diameters varied from 1.25 to 2.50 calibers. This report presents a tabulation of the basic results obtained from the tests.

SYMBOLS AND MODEL NOMENCLATURE

CAB	Base Axial-Force Coefficient, $\frac{\text{Base Axial Force}}{qS}$
CAF	Forebody Axial Force Coefficient, $\frac{\text{Forebody Axial Force}}{qS}$
CM	Pitching Moment Coefficient, $\frac{\text{Pitch Moment About Nose}}{qS, D_b}$
CN	Normal Force Coefficient, $\frac{\text{Normal Force}}{qS}$
D_b	Reference diameter-body maximum diameter
M	Mach number
Q	Dynamic pressure, psi
RN	Reynolds number per in. $\times 10^{-6}$
S	Reference area, $\frac{D_b^2}{4}$
ALP	Angle of attack
B	Body
T	Ring Tail Configuration
X	Ring Tail Position, where: X1 - Ring trailing edge 0.5 caliber forward of model base X2 - Ring trailing edge at the model base X3 - Ring trailing edge 0.5 caliber aft of model base X4 - Ring trailing edge 0.9 caliber aft of model base X5 - Ring trailing edge 0.25 caliber aft of model base.

1. Introduction

The Aerodynamic Branch of the Advanced Systems Laboratory is currently engaged in a supporting research program that primarily involves base drag reduction.* One promising method of base drag reduction is by the favorable interference induced by a ring tail. However, before investigating the effect of ring tails on base drag, it should first be determined if any undesirable stability characteristics are present.

A preliminary wind tunnel investigation was made to explore the force and moment characteristics of a systematic series of ring tail-body combinations. The purpose of this report is to present the experimental results obtained at Mach numbers from 0.8 to 4.5 and through an angle-of-attack range that varied from -4 degrees to 6 degrees.

Analysis of these results is in preparation.^{1, 2}

2. Apparatus and Procedure

The transonic portion of the tests was conducted in the Aerodynamic Wind Tunnel, Transonic (T1) of the Propulsion Wind Tunnel Facility, Arnold Engineering Development Center (AEDC), Arnold Air Force Station. The supersonic portion of these tests was conducted in Supersonic Wind Tunnel No. 1, Ballistic Research Laboratories (BRL), Aberdeen Proving Ground, Maryland.

The Transonic (T1) facility is an open-circuit, continuous-flow wind tunnel capable of operation at Mach numbers from 0.5 to 1.5. The test section is 12 inches square by 37.5 inches long and has four parallel perforated walls.³

*This program is being conducted as a part of SR-Project, Base Drag Reduction, Code 5210.11.148.

¹ Paul R. Connolly, "The Zero-Lift Foredrag and Body Base Drag Coefficients of a Series of Ring Tail-Struct-Body Configurations at Mach Numbers from 0.8 to 4.5." Army Missile Command RF-TR-65-8.

² Charles E. Brazzell, "Longitudinal Stability Characteristics of a Series of Ring Tails on Bodies of Revolution at Mach Numbers From 0.8 to 4.5." Army Missile Command RF-TR-65-7.

³ Arnold Engineering Development Center, Propulsion Wind Tunnel Facility, Vol. 3, July 1963, Test Facilities Handbook.

The Supersonic Wind Tunnel No. 1 is a closed-circuit, continuous-flow, variable-density facility with a flexible nozzle for obtaining a Mach number range of from 1.5 to 5.0. The test section is 13 inches wide by 15 inches high.⁴

The same model was tested at AEDC and at BRL. The model was constructed so that components could be interchanged to test various body and ring tail combinations. The test bodies were 1.15 inches in diameter with a 4-caliber ogive nose and a total length of 10 calibers (Figure 1). Ring tails are attached to the bodies with either the four round support posts (Figure 2) or with the four faired support fins (Figure 3).

Five wind tunnel test programs were conducted. Table 1 lists these programs and shows when and where each body tail configuration was tested. (Body B1 data from these five separate tests are shown in Table 3.) The body and total configuration data may be matched by referring to Table 1.

The model was sting mounted in the test section on a six-component internal strain gage balance. Base pressure measurements were obtained from a pressure transducer connected to two pressure orifices located in the plane of the body base. The angle of attack range was generally from -4 degrees to 6 degrees, and the Mach number range for the combined tests extended from 0.8 to 4.5.

The calculated inaccuracies in the test data which take into account the accuracy in the balance measurements and the tunnel test conditions are as follows:

AEDC Transonic (T1)

M_{∞}	CN	CM	CAB	CAF
0.8	±0.01	±0.026	±0.008	±0.012
1.0	±0.008	±0.022	±0.006	±0.010
1.5	±0.007	±0.017	±0.005	±0.008

⁴ J. C. McMullen, Ballistic Research Laboratories, Wind Tunnel Testing Facilities at the Ballistic Research Laboratories, July 1960.

BRL Supersonic Wind Tunnel No. 1

M_{∞}	CN	CM	CAB	CAF
1.75	± 0.008	± 0.024	± 0.005	± 0.005
3.0	± 0.008	± 0.021	± 0.004	± 0.004
4.5	± 0.009	± 0.017	± 0.005	± 0.005

Configuration T13R has the same dimensions as T13 except the ring has been reversed to give internal compression instead of expansion.

3. Results

An index of the tabulated data is shown in Table 2. The aerodynamic coefficients for the various configurations are presented in tabulated form in Tables 3 through 54.

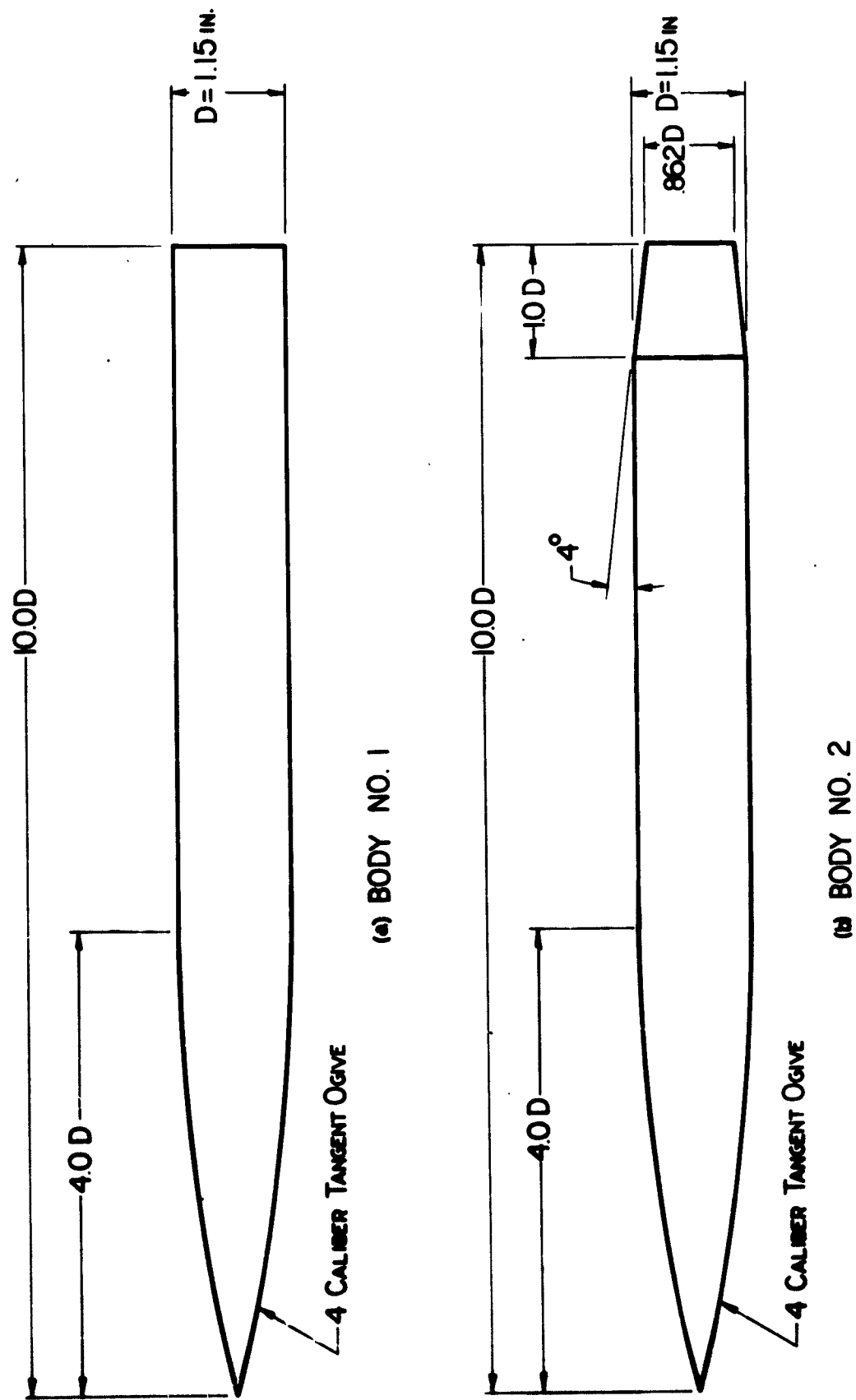
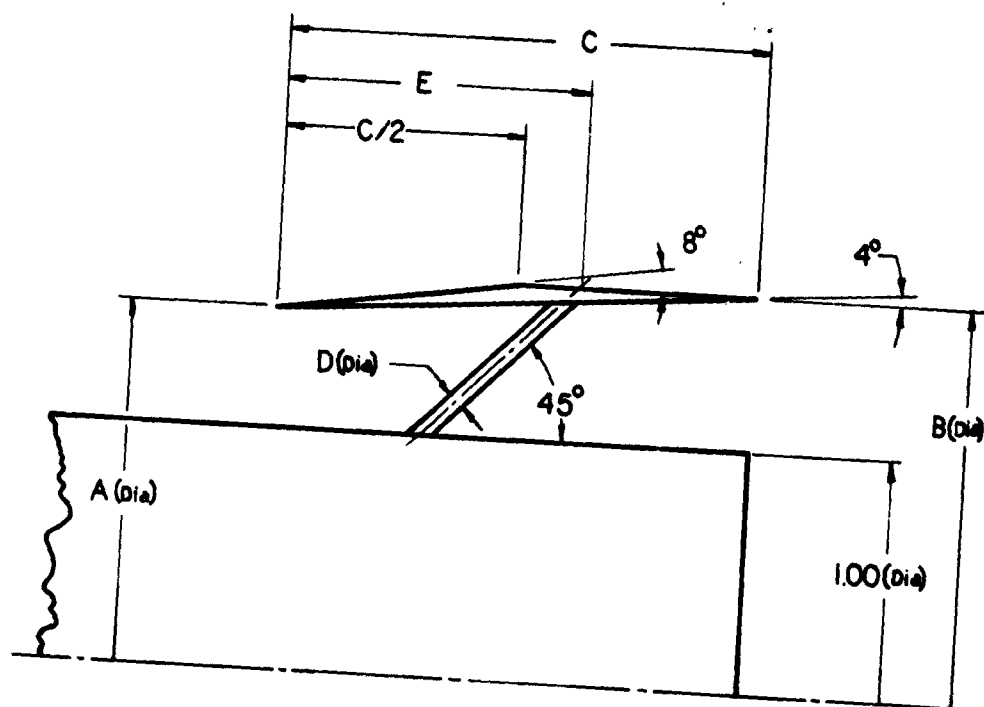


Figure 1. Body Configuration

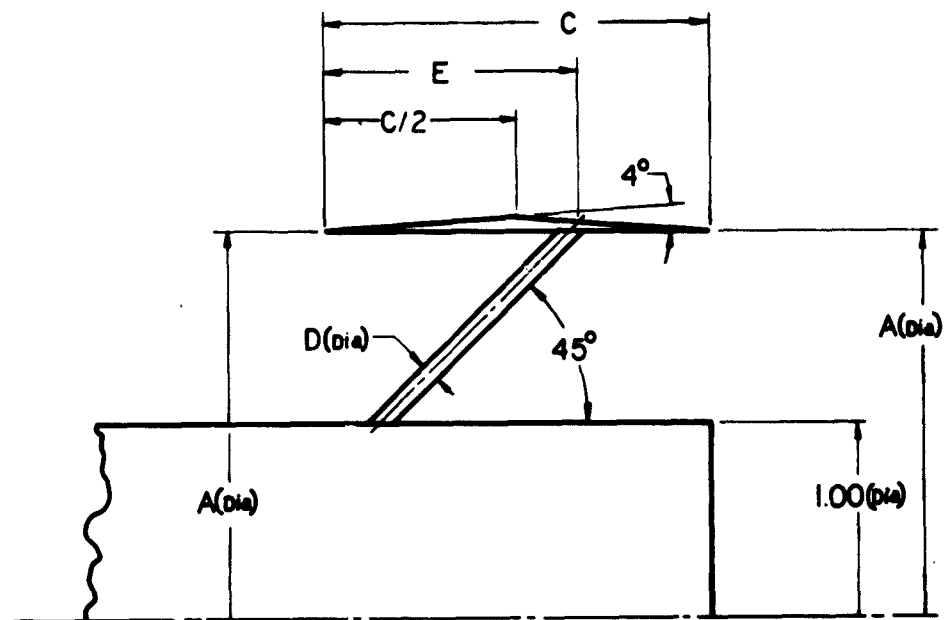


<u>RING</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
T 1	1.500	1.605	.750	.046	.375
T 2	1.500	1.657	1.125	.052	.563
T 3	2.000	2.210	1.500	.080	.750
T 4	2.000	2.140	1.000	.070	.500
T 5	2.000	2.080	.600	.060	.300
T 10	2.500	2.675	1.250	.092	.625
T 11	2.500	2.605	.750	.080	.375
T 12	1.250	1.425	1.250	.048	.782
T 13	1.250	1.381	.937	.048	.623

(a) 4° INTERNAL EXPANSION

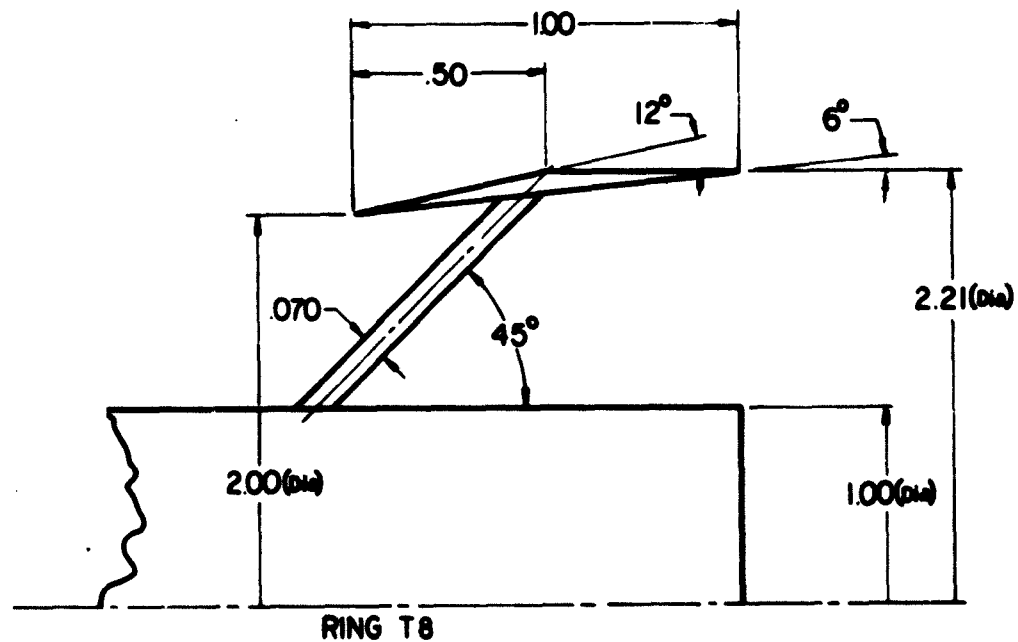
ALL DIMENSIONS IN CALIBERS

Figure 2. Ring Configurations (All Dimensions in Calibers)



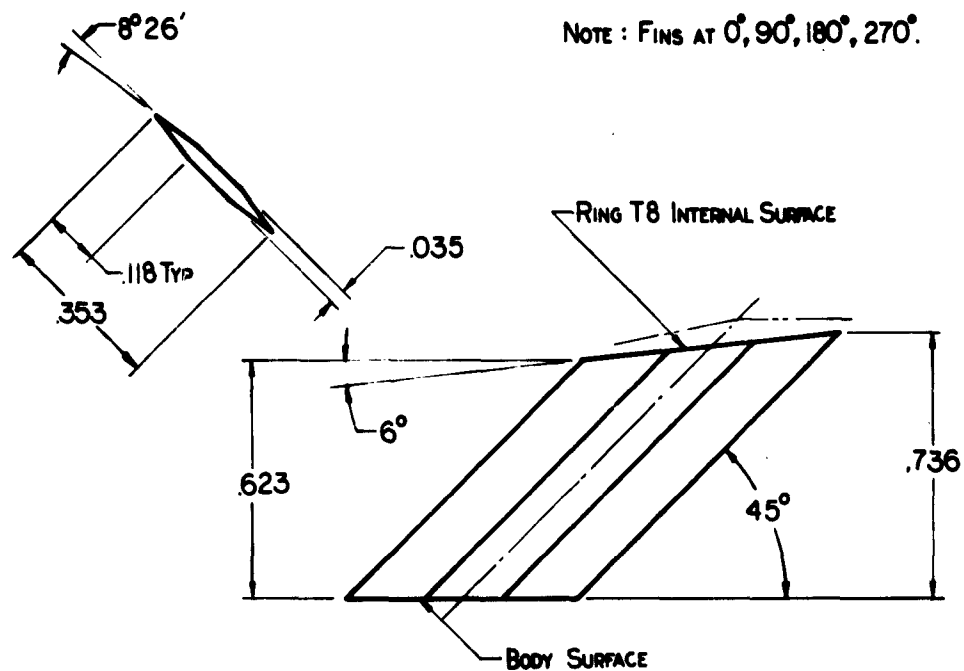
<u>RING</u>	<u>A</u>	<u>C</u>	<u>D</u>	<u>E</u>
T 7	2.000	1.000	.070	500
T 14	1.316	.937	.048	612

(b) 0° INTERNAL EXPANSION

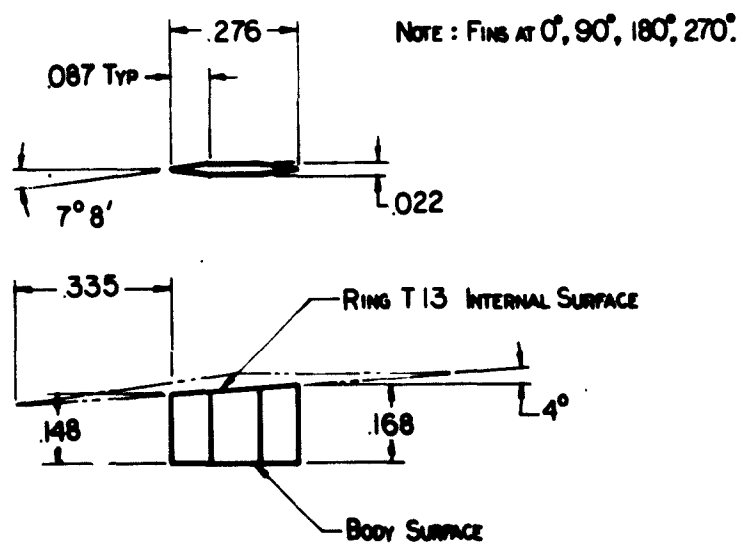


RING T 8
(c) 6° INTERNAL EXPANSION

Figure 2. (Concluded)



(A) FIN NO. 8S



(B) FIN NO. 13S

ALL DIMENSIONS IN CALIBERS

Figure 3. Support Fin Configurations (All Dimensions in Calibers) 7

Table 1. Wind Tunnel Test Program

Config.	AEDC									BRL						
	0.80	0.90	0.95	1.00	1.05	1.10	1.20	1.30	1.50	1.75	2.00	2.50	3.00	3.50	4.00	4.50
B1	2, 3, 5	2, 3, 5	2	2, 3, 5	2	2, 3, 5	2	2, 3, 5	2, 3, 5	1, 4	1, 4	1, 4	1, 4		1	1
B2	5	5	5	5	5	5		5	5	1	1	1	1		1	1
B1T1X1	2	2	2	2	2	2	2	2	2	1	1	1	1		1	1
X2	2	2	2	2	2		2	2	2	1	1	1	1		1	1
X3	2	2	2	2	2		2	2	2	1	1	1	1		1	1
B1T2X1	3	3	3	3	3	3		3	3	1	1	1	1		1	1
X2	3	3	3	3	3	3		3	3	1	1	1	1		1	1
X3	3	3	3	3	3	3		3	3	1	1	1	1		1	1
B1T3X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X3	5	5	5	5	5	5		5	5	1	1	1	1		1	1
B1T4X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
X3	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
X4	2	2	2	2	2	2	2	5	5	4		4	4			
B2T4X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X3	5	5	5	5	5	5		5	5	1	1	1	1		1	1
B1T5X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
X3	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
B1T7X1	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X2	5	5	5	5	5	5		5	5	1	1	1	1		1	1
X3	2	2	2	2	2	2	2	5	5	1	1	1	1		1	1
X4	2	2	2	2	2	2	2	5	5	4		4	4			
B1T8X1										1	1	1	1		1	1
X2										1	1	1	1		1	1
X3										1	1	1	1		1	1
B1T8SX1										1	1	1	1		1	1
X2										1	1	1	1		1	1
X3										1	1	1	1		1	1
B1T10X1										1	1	1	1		1	1
X2										1	1	1	1		1	1
X3										1	1	1	1		1	1
B1T11X1										1	1	1	1		1	1
X2										1	1	1	1		1	1
X3										1	1	1	1		1	1
B1T12X1	5	5	5	5	5	5		5	5	4	4	4	4			
X2	3	3	3	3	3	3		3	3	4	4	4	4			
X5	5	5	5	5	5	5		5	5	4	4	4	4			
B1T13X1	3	3	3	3	3	3		3	3	4	4	4	4			
X2	3	3	3	3	3	3		3	3	4	4	4	4			
X5	3	3	3	3	3	3		3	3	4	4	4	4			
BT13SX1	3	3	3	3	3	3		3	3	4	4	4	4			
X2	3	3	3	3	3	3		3	3	4	4	4	4			
X5	3	3	3	3	3	3		5	5	4	4	4	4			
B1T13RX1	3	3	3	3	3	3		3	3	4	4					
X2	3	3	3	3	3	3		3	3	4	4					
X5	3	3	3	3	3	3		3	3	4	4	4	4			
B1T14X1	3	3	3	3	3	3		3	3	4	4	4	4			
X2	3	3	3	3	3	3		3	3	4	4	4	4			
X5	3	3	3	3	3	3		3	3	4	4	4	4			

TEST NUMBERS:

1. BRL-1838; 13-23 May 1963
2. AEDC-TM173; 19-22 November 1963
3. AEDC-TM193; 1-11 September 1964
4. BRL-901; 1-11 September 1964
5. AEDC-TM193; 21 September - 6 October 1964

Table 2. Index of Tabulated Data

Table Number	Config. Number	Table Number	Config. Number	Table Number	Config. Number
3	B1	21	B1T5X1	39	B1T11X3
4	B2	22	B1T5X2	40	B1T12X1
5	B1T1X1	23	B1T5X3	41	B1T12X2
6	B1T1X2	24	B1T7X1	42	B1T12X5
7	B1T1X3	25	B1T7X2	43	B1T13X1
8	B1T2X1	26	B1T7X3	44	B1T13X2
9	B1T2X2	27	B1T7X4	45	B1T13X5
10	B1T2X3	28	B1T8X1	46	B1T13RX1
11	B1T3X1	29	B1T8X2	47	B1T13RX2
12	B1T3X2	30	B1T8X3	48	B1T13RX5
13	B1T3X3	31	B1T8SX1	49	B1T13SX1
14	B1T4X1	32	B1T8SX2	50	B1T13SX2
15	B1T4X2	33	B1T8SX3	51	B1T13SX5
16	B1T4X3	34	B1T10X1	52	B1T14X1
17	B1T4X4	35	B1T10X2	53	B1T14X2
18	B2T4X1	36	B1T10X3	54	B1T14X5
19	B2T4X2	37	B1T11X1		
20	B2T4X3	38	B1T11X2		

Table 3. Aerodynamic Coefficients for Configuration B1

M = .80 Q = 5.700 RN = .3810												M = 1.00 Q = 7.090 RN = .4190												
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
-4.21	-166	.400	.161	.124	-4.24	-169	.501	.168	.110	-4.26	-177	.551	.178	.119	-4.27	-182	.603	.220	.114	-4.27	-182	.603	.220	.114
-3.15	-119	.315	.177	.125	-3.17	-125	.395	.183	.112	-3.19	-129	.354	.169	.119	-3.20	-134	.439	.210	.117	-3.20	-134	.439	.210	.117
-2.10	-75	.205	.166	.118	-2.11	-77	.208	.153	.112	-2.12	-82	.251	.162	.124	-2.12	-83	.273	.205	.115	-2.12	-83	.273	.205	.115
-1.05	-312	.080	.166	.118	-1.05	-312	.080	.166	.118	-1.05	-312	.080	.166	.118	-1.06	-308	.125	.202	.108	-1.06	-308	.125	.202	.108
.01	.013	-.029	.165	.117	.02	.017	-.086	.148	.109	.02	.013	-.060	.157	.120	.01	.011	-.029	.197	.115	.01	.011	-.029	.197	.115
1.07	.061	-.229	.165	.117	1.08	.063	-.231	.150	.111	1.08	.055	-.197	.158	.119	1.06	.110	-.395	.207	.112	1.06	.110	-.395	.207	.112
2.12	.105	-.363	.170	.116	2.14	.109	-.373	.153	.110	2.15	.108	-.355	.176	.116	2.16	.119	-.558	.219	.106	2.16	.119	-.558	.219	.106
3.18	.154	-.508	.171	.119	3.21	.159	-.537	.159	.111	3.22	.158	-.525	.176	.116	3.23	.159	-.746	.235	.101	3.23	.159	-.746	.235	.101
4.24	.202	-.666	.178	.113	4.26	.207	-.704	.182	.110	4.27	.207	-.704	.182	.110	4.27	.207	-.704	.182	.110	4.27	.207	-.704	.182	.110
5.36	.307	-1.035	.199	.116	5.42	.319	-1.121	.200	.109	5.44	.323	-1.156	.214	.102	5.44	.323	-1.156	.214	.102	5.44	.323	-1.156	.214	.102
.01	.015	-.088	.164	.116	.02	.017	-.087	.149	.110	.02	.014	-.063	.155	.118	.01	.012	-.055	.204	.109	.01	.012	-.055	.204	.109
M = 1.05 Q = 7.400 RN = .4220												M = 1.30 Q = 8.400 RN = .4160												
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
-4.24	-191	.656	.235	.142	-4.26	-192	.669	.238	.150	-4.31	-186	.597	.207	.181	-4.33	-179	.491	.202	.179	-4.33	-179	.491	.202	.179
-3.21	-140	.496	.223	.146	-3.21	-140	.496	.223	.146	-3.23	-138	.457	.196	.187	-3.24	-127	.349	.189	.179	-3.24	-127	.349	.189	.179
-2.13	-.091	.343	.220	.139	-2.14	-.094	.361	.217	.156	-2.14	-.089	.324	.189	.186	-2.15	-.080	.272	.182	.176	-2.15	-.080	.272	.182	.176
-1.06	-.041	.180	.210	.139	-1.06	-.044	.200	.214	.148	-1.06	-.042	.195	.192	.174	-1.03	.014	-.015	.183	.172	-1.03	.014	-.015	.183	.172
.02	.007	-.011	.206	.139	.02	.001	-.055	.214	.147	.02	.003	-.087	.188	.178	.03	.003	-.134	.184	.177	.03	.003	-.134	.184	.177
1.09	.056	-.313	.203	.140	1.10	.052	-.106	.217	.150	1.10	.052	-.106	.217	.150	1.10	.052	-.106	.217	.150	1.10	.052	-.106	.217	.150
2.15	.105	-.490	.203	.140	2.18	.103	-.274	.209	.152	2.19	.102	-.226	.189	.174	2.21	.111	-.268	.188	.177	2.21	.111	-.268	.188	.177
3.25	.156	-.654	.222	.145	3.26	.152	-.642	.240	.149	3.28	.151	-.571	.207	.175	3.31	.161	-.405	.198	.175	3.31	.161	-.405	.198	.175
4.32	.205	-.827	.238	.134	4.32	.205	-.827	.238	.134	4.37	.207	-.552	.225	.169	4.40	.213	-.555	.245	.163	4.40	.213	-.555	.245	.163
5.40	.327	-1.093	.280	.125	5.43	.328	-1.051	.279	.143	5.47	.326	-.952	.267	.176	5.51	.330	-.800	.245	.163	5.51	.330	-.800	.245	.163
.02	.005	-.016	.211	.135	.02	.006	-.036	.209	.153	.03	.006	-.049	.193	.171	.03	.015	-.021	.183	.175	.03	.015	-.021	.183	.175
M = 1.50 Q = 8.560 RN = .3800												M = 2.50 Q = 4.930 RN = .3200												
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
-4.35	-182	.474	.191	.202	-4.35	-182	.474	.191	.202	-4.35	-182	.474	.191	.202	-4.35	-182	.474	.191	.202	-4.35	-182	.474	.191	.202
-3.25	-132	.346	.179	.207	-3.25	-132	.346	.179	.207	-3.25	-132	.346	.179	.207	-3.25	-132	.346	.179	.207	-3.25	-132	.346	.179	.207
-2.16	-.082	.231	.174	.199	-2.16	-.082	.231	.174	.199	-2.16	-.082	.231	.174	.199	-2.16	-.082	.231	.174	.199	-2.16	-.082	.231	.174	.199
-1.08	-.042	.100	.172	.197	-1.08	-.042	.100	.172	.197	-1.08	-.042	.100	.172	.197	-1.08	-.042	.100	.172	.197	-1.08	-.042	.100	.172	.197
.03	.063	-.115	.173	.194	.03	.063	-.115	.173	.194	.03	.063	-.115	.173	.194	.03	.063	-.115	.173	.194	.03	.063	-.115	.173	.194
1.13	.063	-.115	.173	.194	1.13	.063	-.115	.173	.194	1.13	.063	-.115	.173	.194	1.13	.063	-.115	.173	.194	1.13	.063	-.115	.173	.194
2.23	.111	-.215	.178	.191	2.23	.111	-.215	.178	.191	2.23	.111	-.215	.178	.191	2.23	.111	-.215	.178	.191	2.23	.111	-.215	.178	.191
3.34	.165	-.358	.187	.186	3.34	.165	-.358	.187	.186	3.34	.165	-.358	.187	.186	3.34	.165	-.358	.187	.186	3.34	.165	-.358	.187	.186
4.44	.221	-.515	.198	.184	4.44	.221	-.515	.198	.184	4.44	.221	-.515	.198	.184	4.44	.221	-.515	.198	.184	4.44	.221	-.515	.198	.184
5.48	.366	-1.034	.218	.188	5.48	.366	-1.034	.218	.188	5.48	.366	-1.034	.218	.188	5.48	.366	-1.034	.218	.188	5.48	.366	-1.034	.218	.188
.04	.015	-.001	.171	.186	.04	.015	-.001	.171	.186	.04	.015	-.001	.171	.186	.04	.015	-.001	.171	.186	.04	.015	-.001	.171	.186
M = 3.00 Q = 4.130 RN = .3103												M = 4.50 Q = 2.450 RN = .3201												
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
-4.87	-.391	-1.359	.104	.136	-4.87	-.391	-1.359	.104	.136	-4.87	-.391	-1.359	.104	.136	-4.87	-.391	-1.359	.104	.136	-4.87	-.391	-1.359	.104	.136
-3.86	-.228	-.694	.105	.127	-3.86	-.228	-.694	.105	.127	-3.86	-.228	-.694	.105	.127	-3.86	-.228	-.694	.105	.127	-3.86	-.228	-.694	.105	.127
-2.79	-.161	-.453	.103	.152	-2.79	-.161	-.453	.103	.152	-2.79	-.161	-.453	.103	.152	-2.79	-.161	-.453	.103	.152	-2.79	-.161	-.453	.103	.152
-1.72	-.099	-.249	.102	.134	-1.72	-.099	-.249	.102	.134	-1.72	-.099	-.249	.102	.134	-1.72	-.099	-.249	.102	.134	-1.72	-.099	-.249	.102	.134
.73	.040	-.113	.100	.128	.73	.040	-.113	.100	.128	.73	.040	-.113	.100	.128	.73	.040	-.113	.100	.128	.73	.040	-.113	.100	.128
.03	.013	-.027	.100	.131	.03	.013	-.027	.100	.131	.03	.013	-.027	.100	.131	.03	.013	-.027	.100	.131	.03	.013	-.027	.100	.131
.04	.015	-.027	.100	.131	.04	.015	-.027	.100	.131	.04	.015	-.027	.100	.131	.04	.015	-.027	.100	.131	.04	.015	-.027	.100	.131
-1.34	-.073	.198	.100	.134	-1.34	-.073	.198	.100	.134	-1.34	-.073	.198	.100	.134	-1.34	-.073	.198	.100	.134	-1.34	-.073	.198	.100	.134
-2.48	-.107	.366	.101	.130	-2.48	-.107	.366	.101	.130	-2.48	-.107	.366	.101	.130	-2.48	-.107	.366	.101	.130	-2.48	-.107	.366	.101	.130
-3.45	-.191	.507	.101	.148	-3.45	-.191	.507	.101	.148	-3.45	-.191	.507	.101	.148	-3.45	-.191	.507	.101	.148	-3.45	-.191	.507	.101	.148
-4.48	-.261	.815	.102	.130	-4.48	-.261	.815	.102	.130	-4.48	-.261	.815	.102	.130	-4.48	-.261	.815	.102	.130	-4.48	-.261	.815	.102	.130

Table 3. (Continued)

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190				M = 1.10 Q = 7.700 RN = .4230			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-9.20	-1.04	-1.19	.797	-4.23	-.179	.599	.158	-4.25	-.176	.407	.207	-4.28	-.189	.473	.232
-1.14	-.115	.127	.180	-3.17	-.127	.412	.148	-3.18	-.128	.447	.195	-3.21	-.144	.553	.222
-2.08	-.047	.149	.174	-2.11	-.080	.256	.118	-2.11	-.079	.113	.188	-2.13	-.090	.361	.216
-1.04	-.030	.083	.170	-1.05	-.035	.118	.142	-1.02	-.036	.113	.187	-1.05	-.044	.222	.211
-1.01	-.013	-.048	.168	.01	.083	-.156	.119	.04	.041	-.189	.190	.02	-.005	.049	.209
1.07	-.036	-.174	.194	1.01	.083	-.156	.142	1.09	.041	-.189	.190	1.10	.051	-.090	.214
2.12	-.087	-.244	.198	2.13	.100	-.308	.148	2.14	.112	-.365	.198	2.17	.100	-.403	.225
3.20	-.187	-.441	.180	3.20	.158	-.462	.165	3.23	.163	-.537	.209	3.25	.160	-.548	.241
4.23	-.194	-.598	.188	4.26	.197	-.629	.185	4.31	.218	-.736	.223	4.35	.204	-.794	.243
4.35	-.300	-.974	.209	6.40	.311	-1.056	.197	6.46	.332	-1.156	.262	6.50	.321	-.994	.283
			.075				.085				.074	2.17	.103	-.263	.217

M = 1.20 Q = 8.400 RN = .4160				M = 1.50 Q = 9.360 RN = .3360				M = 1.75 Q = 9.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-9.30	-.171	.500	.203	-9.23	-.179	.443	.189	8.04	.519	-1.725	.224	8.69	.540	-1.833	.190
-3.21	-.120	.354	.182	-3.23	-.174	.312	.165	7.74	.421	-1.316	.221	7.59	.439	-1.404	.187
-2.12	-.073	.234	.187	-2.14	-.080	.227	.161	6.63	.338	-.986	.215	6.48	.351	-1.045	.182
-1.04	-.026	.111	.183	-1.05	-.028	.017	.174	5.54	.268	-.728	.207	5.40	.276	-.543	.181
.05	.018	.001	.181	.05	.044	-.120	.160	4.47	.209	-.547	.199	4.31	.216	-.340	.168
1.13	.062	-.108	.189	1.08	.066	-.120	.177	3.39	.153	-.391	.186	3.17	.154	-.238	.158
2.21	.109	-.254	.196	2.23	.117	-.247	.154	2.31	.099	-.143	.185	2.17	.102	-.177	.156
3.40	.211	-.498	.200	3.43	.171	-.399	.185	1.42	.050	-.098	.183	1.61	.076	-.177	.136
4.60	.318	-.938	.217	4.43	.230	-.590	.200	1.49	.028	-.051	.184	1.08	.050	-.109	.154
6.40	.413	-.510	.218	6.46	.371	-1.108	.229	.16	.005	-.002	.184	.54	.024	-.052	.153
			.139	.04	.014	.012	.173	.37	-.015	.031	.184	.01	.000	-.005	.153

M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
8.90	.608	-2.256	.149	8.36	.444	-2.719	.114
7.52	.487	-1.683	.146	7.27	.321	-1.611	.115
6.42	.384	-1.238	.146	6.11	.209	-1.098	.114
5.35	.299	-.895	.142	5.11	.109	-.649	.110
4.27	.226	-.625	.133	4.05	.020	-.442	.108
3.21	.163	-.442	.130	3.04	.001	-.265	.104
2.14	.103	-.242	.127	2.08	-.071	-.189	.105
1.08	.078	-.149	.128	1.38	-.044	-.113	.130
.03	.030	-.071	.127	.13	-.009	-.024	.104
-.00	.000	-.035	.127	.13	-.009	-.024	.104
-.34	-.026	.083	.126	.13	-.009	-.024	.104
-1.04	-.050	.180	.127	.13	-.009	-.024	.104
-1.74	-.087	.245	.127	.13	-.009	-.024	.104
-2.44	-.127	.245	.127	.13	-.009	-.024	.104
-3.14	-.167	.245	.127	.13	-.009	-.024	.104
-3.84	-.207	.245	.127	.13	-.009	-.024	.104
-4.54	-.247	.245	.127	.13	-.009	-.024	.104
-5.24	-.287	.245	.127	.13	-.009	-.024	.104
-5.94	-.327	.245	.127	.13	-.009	-.024	.104
-6.64	-.367	.245	.127	.13	-.009	-.024	.104
-7.34	-.407	.245	.127	.13	-.009	-.024	.104
-8.04	-.447	.245	.127	.13	-.009	-.024	.104
-8.74	-.487	.245	.127	.13	-.009	-.024	.104
-9.44	-.527	.245	.127	.13	-.009	-.024	.104

Table 3. (Concluded)

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190				M = 1.10 Q = 7.700 RN = .4230			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-2.19	-.158	.432	.175	-4.22	-.159	.474	.148	-3.25	-.169	.548	.104	-4.28	-.183	.614	.129
-2.14	-.153	.422	.164	-3.16	-.114	.335	.140	-2.27	-.119	.311	.122	-3.21	-.132	.425	.109
-2.09	-.088	.176	.166	-2.09	-.067	.182	.151	-2.11	-.071	.220	.120	-2.12	-.082	.292	.148
-1.03	-.024	-.043	.164	-1.03	-.022	.044	.150	-1.04	-.024	.063	.118	-1.05	-.035	.126	.125
.02	.019	-.086	.162	.02	.021	-.088	.151	.03	.022	-.093	.116	.02	.011	-.028	.125
1.07	.067	-.207	.185	1.09	.065	-.220	.151	1.10	.069	-.245	.126	1.10	.060	-.179	.125
2.13	.107	-.345	.167	2.13	.106	-.356	.151	2.16	.117	-.405	.125	2.18	.107	-.456	.153
2.18	.127	-.360	.172	3.21	.156	-.517	.167	3.23	.166	-.572	.102	3.25	.153	-.623	.153
4.35	.304	-1.015	.192	4.27	.208	-1.481	.171	4.31	.218	-1.752	.262	4.33	.209	-1.854	.131
-3.16	-.111	.304	.170	6.41	.320	-1.092	.195	6.44	.334	-1.182	.088	6.51	.327	-1.054	.131
				.03	.023	-.099	.151	-3.17	-.118	.348	.208	-3.20	-.130	.428	.152
M = 1.30 Q = 8.400 RN = .4180				M = 1.50 Q = 8.540 RN = .3840											
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF								
-6.31	-.169	.654	.202	-4.35	-.184	.481	.191								
-3.22	-.119	.319	.195	-2.15	-.082	.187	.180								
-2.13	-.073	.207	.176	-2.15	-.082	.187	.180								
-1.03	-.023	-.092	.187	-1.04	-.033	.061	.179								
.04	.017	-.008	.187	.02	.013	-.022	.178								
1.12	.062	-.119	.189	1.12	.061	-.243	.183								
2.21	.106	-.226	.167	2.21	.106	-.243	.183								
2.26	.118	-.252	.167	3.22	.163	-.507	.191								
4.36	.318	-1.015	.218	4.36	.321	-.517	.203								
-3.16	-.111	.304	.170	6.45	.326	-1.031	.220								
-4.31	-.168	.649	.203	-3.25	-.130	.316	.185								

Table 4. Aerodynamic Coefficients for Configuration B2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.19	-1.25	.112	.048	-4.22	-.126	.133	.056	-4.25	-.127	.110	.050
-3.13	-.094	.023	.045	-3.16	-.090	.041	.051	-3.18	-.090	.021	.054
-1.04	-.022	-.004	.042	-1.06	-.021	.011	.050	-1.04	-.022	.018	.051
1.07	.049	-.028	.041	1.02	.010	-.008	.050	1.09	.041	.011	.052
3.17	.114	-.129	.045	3.20	.112	-.100	.056	3.23	.112	-.048	.053
4.22	.151	-.189	.053	4.26	.151	-.167	.054	4.30	.153	-.129	.057
6.36	.218	-.269	.062	6.40	.217	-.267	.064	6.46	.218	-.200	.068
-1.01	-.011	-.031	.062	-1.02	.010	-.003	.050	-1.02	.009	.017	.050
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.15 Q = 8.560 RN = .4363			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.77	-.147	.282	.102	-4.28	-.153	.311	.117	-4.35	-.164	.321	.114
-3.19	-.106	.181	.096	-3.20	-.110	.198	.108	-3.25	-.119	.143	.100
-2.12	-.067	.124	.093	-2.15	-.071	.131	.104	-2.16	-.072	.082	.100
-1.05	-.037	.052	.091	-1.05	-.034	.045	.105	-1.03	-.032	.021	.101
1.09	.018	-.022	.092	1.02	.003	.045	.107	1.13	.053	-.033	.105
3.16	.075	-.042	.095	3.23	.113	-.102	.116	3.32	.145	-.112	.110
4.23	.113	-.185	.113	4.33	.165	-.255	.121	4.42	.135	-.179	.115
6.31	.267	-.526	.150	6.51	.205	-.555	.158	6.66	.235	-.765	.166
-1.02	.004	-.067	.091	-1.02	.003	.044	.105	-1.03	.011	.025	.101
M = 1.75 Q = 6.700 RN = .4600				M = 2.00 Q = 5.650 RN = .3400				M = 2.50 Q = 4.930 RN = .3200			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
6.08	.204	-.712	.104	6.14	.309	-.753	.097	6.00	.345	-.988	.083
4.02	.178	-.544	.093	4.09	.187	-.574	.094	4.98	.270	-.697	.082
2.98	.124	-.340	.088	3.04	.136	-.368	.089	3.95	.202	-.471	.079
1.94	.082	-.138	.086	2.02	.088	-.142	.084	2.90	.145	-.223	.076
1.00	.057	-.101	.085	1.49	.032	-.099	.084	1.87	.091	-.186	.074
.88	.036	-.095	.085	.97	.040	-.095	.082	1.34	.058	-.075	.074
.78	.016	-.016	.084	.87	.040	-.095	.082	.79	.039	-.088	.074
.68	.007	.008	.084	.77	.002	.007	.082	.68	.014	-.032	.062
.58	.002	.008	.084	.60	-.005	.033	.082	.58	-.012	.053	.062
.48	.002	.008	.084	.40	-.007	.086	.084	.40	-.012	.053	.062
.38	.002	.008	.084	.30	-.007	.125	.084	.30	-.012	.053	.062
.28	.002	.008	.084	.20	-.007	.163	.087	.20	-.012	.053	.062
.18	.002	.008	.084	.10	-.007	.200	.088	.10	-.012	.053	.062
.08	.002	.008	.084	.00	-.007	.237	.088	.00	-.012	.053	.062
.00	.002	.008	.084	.00	-.007	.274	.088	.00	-.012	.053	.062
M = 3.00 Q = 4.130 RN = .3100				M = 3.50 Q = 3.450 RN = .2500				M = 4.00 Q = 2.340 RN = .2500			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
5.92	.379	1.225	.049	5.81	.421	1.467	.032	5.80	.415	1.340	.042
4.91	.289	.952	.047	4.81	.324	1.194	.032	4.81	.324	1.194	.032
3.89	.195	.685	.045	3.79	.263	.859	.032	3.79	.263	.859	.032
2.89	.097	.420	.043	2.77	.170	.563	.031	2.77	.170	.563	.031
1.89	.046	.220	.043	1.76	.104	.330	.031	1.76	.104	.330	.031
1.29	.039	.088	.043	1.21	.071	.237	.031	1.21	.071	.237	.031
.79	.039	.088	.043	.72	.040	.145	.031	.72	.040	.145	.031
.29	.014	.032	.043	.58	.016	.039	.031	.58	.016	.039	.031
.25	.012	.032	.043	.40	-.004	.039	.031	.40	-.004	.039	.031
.25	.012	.032	.043	.30	-.007	.086	.030	.30	-.007	.125	.030
.25	.012	.032	.043	.20	-.007	.163	.030	.20	-.007	.200	.030
.25	.012	.032	.043	.10	-.007	.237	.030	.10	-.007	.274	.030
.25	.012	.032	.043	.00	-.007	.274	.030	.00	-.007	.274	.030
M = 4.50 Q = 1.610 RN = .1800				M = 5.00 Q = 1.190 RN = .1800				M = 5.50 Q = 0.870 RN = .1800			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.32	-.186	.371	.087	-4.32	-.186	.371	.087	-4.32	-.186	.371	.087
-3.22	-.137	.254	.083	-3.22	-.137	.254	.083	-3.22	-.137	.254	.083
-2.21	-.092	.153	.080	-2.21	-.092	.153	.080	-2.21	-.092	.153	.080
-1.21	-.062	.091	.079	-1.21	-.062	.091	.079	-1.21	-.062	.091	.079
-.21	-.032	.051	.078	-.21	-.032	.051	.078	-.21	-.032	.051	.078

Table 5. Aerodynamic Coefficients for Configuration B1T1X1

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.27	-3.20	1.752	.139	-4.29	-3.19	1.766	.116	-4.32	-3.55	2.001	.139	-4.35	-3.76	2.285	.193
-3.16	-2.12	1.081	.133	-3.21	-2.15	1.131	.108	-3.24	-2.51	1.449	.139	-3.25	-2.61	1.545	.185
-2.11	-1.11	.473	.130	-2.13	-1.13	.487	.127	-2.14	-1.19	.742	.133	-2.16	-1.15	.865	.180
-1.06	-.079	-.057	.126	-1.05	-.076	-.057	.126	-1.06	-.082	-.057	.137	-1.06	-.083	-.145	.176
-.03	-.010	-.010	.110	-.02	-.004	-.008	.097	-.02	.050	-.432	.137	-.03	-.071	-.160	.166
1.04	.151	1.027	.131	1.10	.139	.908	.103	1.11	.157	1.088	.138	1.03	.071	1.069	.178
2.16	.254	1.579	.134	2.19	.230	1.623	.111	2.19	.251	1.607	.135	2.22	.284	1.966	.195
3.24	.353	2.276	.140	3.26	.330	2.041	.115	3.29	.342	2.374	.141	3.31	.391	2.639	.194
4.31	.454	2.876	.142	4.35	.436	2.506	.122	4.37	.457	2.842	.146	4.40	.497	3.307	.201
5.47	.564	3.481	.145	5.49	.546	3.152	.139	5.51	.567	3.442	.146	5.54	.597	4.078	.210
.02	.061	-1.181	.129	.03	.059	-1.437	.100	.03	.058	-1.483	.139	.03	.071	-1.768	.178
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4290				M = 1.20 Q = 8.190 RN = .4320				M = 1.30 Q = 8.400 RN = .4160			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.35	-3.35	1.909	.168	-4.36	-3.21	1.767	.187	-4.39	-3.34	1.855	.181	-4.42	-3.60	2.061	.192
-3.25	-2.25	1.098	.169	-3.25	-2.19	1.170	.181	-3.26	-2.31	1.267	.175	-3.29	-2.68	1.386	.187
-2.15	-1.15	.485	.169	-2.15	-1.17	.491	.173	-2.16	-1.19	.720	.175	-2.18	-1.63	.756	.185
-1.06	-.076	-.055	.172	-1.06	-.081	-.054	.169	-1.07	-.085	-.055	.175	-1.07	-.039	.137	.184
-.03	-.036	-.085	.170	-.04	-.048	-.032	.163	-.04	.041	-.270	.171	-.05	.066	-.490	.184
.03	.056	-1.448	.170	.03	.056	-1.274	.167	.04	.041	-.270	.171	.05	.066	-.490	.184
1.12	.148	1.984	.175	1.12	.148	1.984	.175	1.15	.132	1.771	.166	1.17	.170	1.110	.185
2.22	.244	2.744	.184	2.22	.244	2.744	.184	2.25	.228	1.290	.170	2.28	.274	3.202	.185
3.31	.340	3.400	.184	3.31	.340	3.400	.184	3.34	.324	2.851	.187	3.37	.374	4.078	.185
4.41	.431	4.078	.184	4.41	.431	4.078	.184	4.45	.425	3.451	.188	4.48	.475	4.972	.189
5.51	.531	4.744	.184	5.51	.531	4.744	.184	5.55	.525	5.451	.188	5.58	.575	5.872	.193
.03	.059	-1.449	.170	.03	.059	-1.449	.170	.04	.039	-1.256	.170	.05	.064	-1.482	.193
M = 1.50 Q = 8.560 RN = .3860				M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.930 RN = .3200				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.44	-3.41	2.017	.191	-4.46	-3.26	1.783	.171	-4.49	-3.41	1.855	.181	-4.52	-3.66	2.061	.192
-3.31	-2.31	1.017	.191	-3.31	-2.26	1.183	.181	-3.34	-2.41	1.267	.175	-3.37	-2.68	1.386	.187
-2.19	-1.19	.485	.191	-2.19	-1.21	.491	.173	-2.20	-1.23	.720	.175	-2.22	-1.63	.756	.185
-1.06	-.076	-.055	.191	-1.06	-.081	-.054	.169	-1.07	-.085	-.055	.175	-1.07	-.039	.137	.184
-.03	-.036	-.085	.191	-.04	-.048	-.032	.163	-.04	.041	-.270	.171	-.05	.066	-.490	.184
.03	.056	-1.448	.191	.03	.056	-1.274	.167	.04	.041	-.270	.171	.05	.066	-.490	.184
1.12	.148	1.984	.191	1.12	.148	1.984	.191	1.15	.132	1.771	.166	1.17	.170	1.110	.185
2.22	.244	2.744	.191	2.22	.244	2.744	.191	2.25	.228	1.290	.170	2.28	.274	3.202	.185
3.31	.340	3.400	.191	3.31	.340	3.400	.191	3.34	.324	2.851	.188	3.37	.374	4.078	.185
4.41	.431	4.078	.191	4.41	.431	4.078	.191	4.45	.425	5.451	.188	4.48	.475	5.872	.189
5.51	.531	4.744	.191	5.51	.531	4.744	.191	5.55	.525	5.451	.188	5.58	.575	5.872	.193
.03	.059	-1.449	.170	.03	.059	-1.449	.170	.04	.039	-1.256	.170	.05	.064	-1.482	.193
M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3200				M = 5.00 Q = 2.560 RN = .3200				M = 5.50 Q = 2.670 RN = .3200			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.51	-3.46	2.017	.191	-4.52	-3.41	1.855	.181	-4.55	-3.66	2.061	.192	-4.58	-3.91	2.107	.192
-3.31	-2.31	1.017	.191	-3.31	-2.26	1.183	.181	-3.34	-2.41	1.267	.175	-3.37	-2.68	1.386	.187
-2.19	-1.19	.485	.191	-2.19	-1.21	.491	.173	-2.20	-1.23	.720	.175	-2.22	-1.63	.756	.185
-1.06	-.076	-.055	.191	-1.06	-.081	-.054	.169	-1.07	-.085	-.055	.175	-1.07	-.039	.137	.184
-.03	-.036	-.085	.191	-.04	-.048	-.032	.163	-.04	.041	-.270	.171	-.05	.066	-.490	.184
.03	.056	-1.448	.191	.03	.056	-1.274	.167	.04	.041	-.270	.171	.05	.066	-.490	.184
1.12	.148	1.984	.191	1.12	.148	1.984	.191	1.15	.132	1.771	.166	1.17	.170	1.110	.185
2.22	.244	2.744	.191	2.22	.244	2.744	.191	2.25	.228	1.290	.170	2.28	.274	3.202	.185
3.31	.340	3.400	.191	3.31	.340	3.400	.191	3.34	.324	2.851	.188	3.37	.374	4.078	.185
4.41	.431	4.078	.191	4.41	.431	4.078	.191	4.45	.425	5.451	.188	4.48	.475	5.872	.189
5.51	.531	4.744	.191	5.51	.531	4.744	.191	5.55	.525	5.451	.188	5.58	.575	5.872	.193
.03	.059	-1.449	.170	.03	.059	-1.449	.170	.04	.039	-1.256	.170	.05	.064	-1.482	.193
M = 6.00 Q = 2.670 RN = .3100				M = 6.50 Q = 2.780 RN = .3100				M = 7.00 Q = 2.890 RN = .3100				M = 7.50 Q = 2.990 RN = .3100			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.58	-3.53	2.017	.191	-4.59	-3.48	1.855	.181	-4.62	-3.73	2.107	.192	-4.65	-3.98	2.153	.192
-3.31	-2.31	1.017	.191	-3.31	-2.26	1.183	.181	-3.34	-2.41	1.267	.175	-3.37	-2.68	1.386	.187
-2.19	-1.19	.485	.191	-2.19	-1.21	.491	.173	-2.20	-1.23	.720	.175	-2.22	-1.63	.756	.185
-1.06	-.076	-.055	.191	-1.06	-.081	-.054	.169	-1.07	-.085	-.055	.175	-1.07	-.039	.137	.184
-.03	-.036	-.085	.191	-.04	-.048	-.032	.163	-.04	.041	-.270	.171	-.05	.066	-.490	.184
.03	.056	-1.448	.191	.03	.056	-1.274	.167	.04	.041	-.270	.171	.05	.066	-.490	.184
1.12	.148	1.984	.191	1.12	.148	1.984	.191	1.15	.132	1.771	.166	1.17	.170	1.110	.185
2.22	.244	2.744	.191	2.22	.244	2.744	.191	2.25	.228	1.290	.170	2.28	.274	3.202	.185
3.31	.340	3.400	.191	3.31	.340	3.400	.191	3.34	.324	2.851	.188	3.37	.374	4.078	.185
4.41	.431	4.078	.191	4.41	.431	4.078	.191	4.45	.425	5.451	.188	4.48	.475	5.872	.189
5.51	.531	4.744	.191	5.51	.531	4.744	.191	5.55	.525	5.451	.188	5.58	.575	5.872	.193
.03	.059	-1.449	.170	.03	.059	-1.449	.170	.04	.039	-1.256	.170	.05	.064	-1.482	.193
M = 8.00 Q = 3.100 RN = .3100				M = 8.50 Q = 3.210 RN = .3100				M = 9.00 Q = 3.320 RN = .3100				M = 9.50 Q = 3.430 RN = .3100			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-4.65	-3.60	2.017	.191	-4.66	-3.55	1.855	.181	-4.69	-3.80	2.107	.192	-4.72	-4.05	2.153	.192
-3.31	-2.31	1.017	.191	-3.31	-2.26	1.183	.181	-3.34	-2.41	1.267	.175	-3.37	-2.68	1.386	.187
-2.19	-1.19	.485	.191	-2.19	-1.21	.491	.173	-2.20	-1.23	.720	.175	-2.22	-1.63	.756	.185
-1.06	-.076	-.055	.191	-1.06	-.081	-.054	.169	-1.07	-.085	-.055	.175	-1.07	-.039	.137	.184
-.03	-.036	-.085	.191	-.04	-.048	-.032	.163	-.04	.041	-.270	.171	-.05	.066	-.490	.184
.03	.056	-1.448	.191	.03	.056	-1.274	.167	.04	.041	-.270	.171	.05	.066	-.490	.184
1.12	.148	1.984	.191	1.12	.148	1.984	.191	1.15	.132	1.771	.166	1.17	.170	1.110	.185
2.22	.244	2.744	.191	2.22	.244	2.744	.191	2.25	.228	1.290	.170	2.28	.274	3.202	.185
3.31	.340	3.400	.191	3.31	.340	3.400	.191	3.34	.324	2.851	.188	3.37	.374	4.078	.185

Table 6. Aerodynamic Coefficients for Configuration B1T1X2

M = .80 Q = 5.700 RM = .3810				M = .90 Q = 6.520 RM = .4010				M = .95 Q = 6.750 RM = .4090				M = 1.00 Q = 7.090 RM = .4190			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-4.24	-308	1.768	.197	-4.28	-352	2.245	.195	-4.28	-315	1.876	.225	-4.30	-333	2.054	.298
-3.87	-200	1.090	.189	-3.20	-282	1.502	.185	-3.21	-215	1.220	.221	-3.22	-229	1.359	.288
-1.11	-112	.532	.184	-2.12	-134	.774	.178	-2.13	-112	.562	.210	-2.13	-121	.649	.267
-1.03	-108	.513	.180	-1.04	-102	.677	.171	-1.04	-94	.520	.187	-1.05	-105	.635	.262
1.10	.179	-1.302	.183	1.03	.068	-.547	.171	1.03	.061	-.287	.197	1.04	.075	-.601	.262
2.17	.282	-1.958	.188	2.19	.279	-1.924	.175	2.21	.244	-1.635	.203	2.20	.270	-1.858	.262
3.24	.373	-2.517	.194	3.27	.385	-2.640	.180	3.27	.350	-2.335	.206	3.29	.372	-2.526	.268
4.36	.461	-3.046	.213	4.35	.495	-3.382	.187	4.36	.464	-3.037	.212	4.38	.478	-3.236	.274
5.45	.582	-4.463	.237	5.33	.772	-5.372	.224	5.54	.715	-4.794	.226	6.57	.704	-4.692	.278
.03	.080	-.698	.183	.03	.070	-.565	.166	-2.13	-.128	.895	.209	.03	.068	-.560	.256
RM = .4190				RM = .4190				RM = .4190				RM = .4190			
M = 1.05 Q = 7.440 RM = .4220				M = 1.20 Q = 8.190 RM = .4320				M = 1.30 Q = 8.400 RM = .4160				M = 1.50 Q = 8.560 RM = .3860			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-4.35	-376	2.383	.328	-4.39	-406	2.639	.261	-4.40	-418	2.748	.239	-4.42	-397	2.478	.212
-3.25	-264	1.637	.318	-3.27	-280	1.801	.257	-3.29	-294	1.924	.233	-3.30	-284	1.769	.206
-2.16	-160	.942	.297	-2.17	-172	1.085	.247	-2.18	-176	1.124	.225	-2.19	-172	1.057	.199
-1.07	-104	.532	.285	-1.07	-102	.561	.233	-1.07	-105	.599	.219	-1.07	-105	.590	.196
1.02	.043	-1.368	.270	1.03	.065	-1.336	.226	1.05	.070	-1.249	.217	1.04	.052	-.394	.195
2.18	.245	-1.999	.278	2.18	.266	-1.950	.254	2.26	.304	-2.126	.222	2.27	.274	-1.799	.202
3.28	.350	-2.590	.286	3.24	.377	-2.526	.240	3.27	.420	-2.483	.252	3.29	.407	-2.514	.208
4.38	.461	-3.116	.296	4.44	.487	-3.251	.249	4.49	.537	-3.440	.261	4.52	.509	-3.282	.215
5.48	.584	-4.641	.318	5.47	.723	-4.765	.275	6.74	.780	-5.184	.261	6.79	.762	-4.853	.237
.02	.044	-.392	.270	.03	.066	-.344	.226	.05	.067	-.521	.218	.04	.051	-.387	.195
RM = .3860				RM = .3860				RM = .3200				RM = .3100			
M = 1.75 Q = 8.200 RM = .3860				M = 2.00 Q = 9.590 RM = .3400				M = 2.50 Q = 4.930 RM = .3200				M = 3.00 Q = 4.130 RM = .3100			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
5.82	.574	-3.419	.197	5.85	.538	-3.037	.180	5.92	.545	-2.958	.165	5.74	.543	-2.885	.107
4.81	.467	-2.787	.190	4.89	.435	-2.550	.176	4.87	.435	-2.337	.165	4.72	.434	-2.298	.107
3.77	.356	-2.129	.182	3.87	.337	-1.899	.170	3.84	.339	-1.862	.166	3.70	.330	-1.730	.108
2.76	.245	-1.480	.172	2.81	.244	-1.375	.164	2.81	.245	-1.322	.151	2.65	.233	-1.215	.110
1.74	.153	-1.080	.161	1.75	.149	-.894	.153	1.75	.150	-.854	.152	1.67	.140	-.750	.114
.63	.054	-.317	.149	1.23	.104	-.560	.143	1.22	.102	-.554	.152	1.07	.091	-.477	.114
.11	.010	-.056	.127	.73	.062	-.360	.163	.72	.061	-.339	.154	.59	.050	-.263	.115
.11	.010	-.056	.127	.21	.018	-.105	.164	.19	.017	-.095	.155	.07	.005	-.029	.115
.11	.010	-.056	.127	.32	.027	.157	.165	.31	.026	.146	.155	.46	.037	.194	.115
.11	.010	-.056	.127	.84	.072	.415	.165	.84	.072	.395	.156	.86	.082	.434	.115
.11	.010	-.056	.127	.135	.117	.688	.165	.133	.112	.610	.156	.148	.125	.642	.115
.11	.010	-.056	.127	.186	.181	.920	.165	.185	.182	.863	.155	.199	.169	.876	.115
.11	.010	-.056	.127	.237	.237	1.161	.165	.237	.237	1.083	.155	.249	.212	1.083	.116
.11	.010	-.056	.127	.280	.282	1.402	.165	.280	.282	1.295	.155	.280	.249	1.295	.115
.11	.010	-.056	.127	.324	.324	1.644	.170	.324	.324	1.455	.155	.324	.330	1.455	.115
.11	.010	-.056	.127	.368	.368	1.886	.170	.368	.368	1.697	.155	.368	.373	1.697	.115
.11	.010	-.056	.127	.412	.412	2.128	.170	.412	.412	1.939	.155	.412	.415	1.939	.115
.11	.010	-.056	.127	.456	.456	2.370	.170	.456	.456	2.181	.155	.456	.457	2.181	.115
.11	.010	-.056	.127	.500	.500	2.612	.170	.500	.500	2.423	.155	.500	.499	2.423	.115
.11	.010	-.056	.127	.544	.544	2.854	.170	.544	.544	2.665	.155	.544	.541	2.665	.115
.11	.010	-.056	.127	.588	.588	3.096	.170	.588	.588	2.907	.155	.588	.583	2.907	.115
.11	.010	-.056	.127	.632	.632	3.338	.170	.632	.632	3.149	.155	.632	.625	3.149	.115
.11	.010	-.056	.127	.676	.676	3.580	.170	.676	.676	3.391	.155	.676	.667	3.391	.115
.11	.010	-.056	.127	.720	.720	3.822	.170	.720	.720	3.633	.155	.720	.709	3.633	.115
.11	.010	-.056	.127	.764	.764	4.064	.170	.764	.764	3.875	.155	.764	.751	3.875	.115
.11	.010	-.056	.127	.808	.808	4.306	.170	.808	.808	4.117	.155	.808	.793	4.117	.115
.11	.010	-.056	.127	.852	.852	4.548	.170	.852	.852	4.359	.155	.852	.835	4.359	.115
.11	.010	-.056	.127	.896	.896	4.790	.170	.896	.896	4.601	.155	.896	.877	4.601	.115
.11	.010	-.056	.127	.940	.940	5.032	.170	.940	.940	4.843	.155	.940	.859	4.843	.115
.11	.010	-.056	.127	.984	.984	5.274	.170	.984	.984	5.085	.155	.984	.899	5.085	.115
.11	.010	-.056	.127	1.028	1.028	5.516	.170	1.028	1.028	5.327	.155	1.028	.941	5.327	.115
.11	.010	-.056	.127	1.072	1.072	5.758	.170	1.072	1.072	5.569	.155	1.072	.983	5.569	.115
.11	.010	-.056	.127	1.116	1.116	6.000	.170	1.116	1.116	5.811	.155	1.116	.1000	5.811	.115
.11	.010	-.056	.127	1.160	1.160	6.242	.170	1.160	1.160	6.053	.155	1.160	.1000	6.053	.115
.11	.010	-.056	.127	1.204	1.204	6.484	.170	1.204	1.204	6.295	.155	1.204	.1000	6.295	.115
.11	.010	-.056	.127	1.248	1.248	6.726	.170	1.248	1.248	6.537	.155	1.248	.1000	6.537	.115
.11	.010	-.056	.127	1.292	1.292	6.968	.170	1.292	1.292	6.779	.155	1.292	.1000	6.779	.115
.11	.010	-.056	.127	1.336	1.336	7.210	.170	1.336	1.336	7.021	.155	1.336	.1000	7.021	.115
.11	.010	-.056	.127	1.380	1.380	7.452	.170	1.380	1.380	7.263	.155	1.380	.1000	7.263	.115
.11	.010	-.056	.127	1.424	1.424	7.694	.170	1.424	1.424	7.505	.155	1.424	.1000	7.505	.115
.11	.010	-.056	.127	1.468	1.468	7.936	.170	1.468	1.468	7.747	.155	1.468	.1000	7.747	.115
.11	.010	-.056	.127	1.512	1.512	8.178	.170	1.512	1.512	7.989	.155	1.512	.1000	7.989	.115
.11	.010	-.056	.127	1.556	1.556	8.420	.170	1.556	1.556	8.231	.155	1.556	.1000	8.231	.115
.11	.010	-.056	.127	1.600	1.600	8.662	.170	1.600	1.600	8.473	.155	1.600	.1000	8.473	.115
.11	.010	-.056	.127	1.644	1.644	8.904	.170	1.644	1.644	8.715	.155	1.644	.1000	8.715	.115
.11	.010	-.056	.127	1.688	1.688	9.146	.170	1.688	1.688	8.957	.155	1.688	.1000	8.957	.115
.11	.010	-.056	.127	1.732	1.732	9.388	.170	1.732	1.732	9.199	.155	1.732	.1000	9.199	.115
.11	.010	-.056	.127	1.776	1.776	9.630	.170	1.776	1.776	9.441	.155	1.776	.1000	9.441	.115
.11	.010	-.056	.127	1.820	1.820	9.872	.170	1.820	1.820	9.683	.155	1.820	.1000	9.683	.115
.11	.010	-.056	.127	1.864	1.864	10.114	.170	1.864	1.864	9.925	.155	1.864	.1000	9.925	.115
.11	.010	-.056	.127	1.908	1.908	10.356	.170	1.908	1.908	10.167	.155	1.908	.1000	10.167	.115
.11	.010	-.056	.127	1.952	1.952	10.598	.170	1.952	1.952	10.409	.155	1.952	.1000	10.409	.115
.11	.010	-.056	.127	1.996	1.996	10.840	.170	1.996	1.996	10.651	.155	1.996	.1000		

Table 7. Aerodynamic Coefficients for Configuration B1T1X3

M = .80 Q = 5.700 RN = .1810				M = .80 Q = 6.520 RN = .4010				M = .85 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.23	-323	1.981	.278	-4.26	-323	2.005	.274	-4.28	-311	1.872	.298	-4.29	-293	1.700	.381
-3.17	-219	1.818	.278	-3.20	-219	1.818	.278	-3.20	-208	1.201	.296	-3.20	-150	1.508	.346
-2.11	-127	.872	.278	-2.12	-127	.872	.278	-2.12	-120	.439	.328	-2.13	-114	.580	.379
-1.05	-027	.001	.278	-1.05	-040	.147	.207	-1.05	-037	.117	.261	-1.05	-029	.082	.299
.02	.073	-.675	.278	.02	.048	-.417	.200	.02	.048	-.412	.231	.02	.049	-.424	.290
1.08	.173	-1.340	.278	1.09	.133	-.935	.209	1.10	.135	-.944	.240	1.10	.138	-.964	.298
2.16	.288	-1.674	.278	2.16	.231	-1.580	.229	2.17	.220	-1.476	.266	2.18	.220	-1.458	.320
3.21	.370	-2.059	.278	3.23	.249	-2.249	.237	3.23	.222	-2.295	.250	3.26	.308	-1.984	.349
4.21	.442	-2.424	.278	4.23	.265	-2.514	.252	4.23	.245	-2.514	.252	4.26	.345	-1.958	.379
5.21	.504	-2.781	.278	5.23	.278	-2.781	.255	5.23	.255	-2.781	.255	5.26	.379	-1.958	.409
6.21	.566	-3.138	.278	6.23	.289	-3.138	.259	6.23	.289	-3.138	.259	6.26	.412	-1.958	.439
7.21	.628	-3.495	.278	7.23	.299	-3.495	.263	7.23	.299	-3.495	.263	7.26	.446	-1.958	.469
8.21	.690	-3.852	.278	8.23	.309	-3.852	.267	8.23	.309	-3.852	.267	8.26	.479	-1.958	.499
9.21	.752	-4.209	.278	9.23	.319	-4.209	.271	9.23	.319	-4.209	.271	9.26	.512	-1.958	.529
10.21	.814	-4.566	.278	10.23	.329	-4.566	.275	10.23	.329	-4.566	.275	10.26	.546	-1.958	.559
11.21	.876	-4.923	.278	11.23	.339	-4.923	.279	11.23	.339	-4.923	.279	11.26	.579	-1.958	.589
12.21	.938	-5.280	.278	12.23	.349	-5.280	.283	12.23	.349	-5.280	.283	12.26	.612	-1.958	.619
13.21	.999	-5.637	.278	13.23	.359	-5.637	.287	13.23	.359	-5.637	.287	13.26	.646	-1.958	.649
14.21	.106	-5.994	.278	14.23	.369	-5.994	.291	14.23	.369	-5.994	.291	14.26	.679	-1.958	.679
15.21	.116	-6.351	.278	15.23	.379	-6.351	.295	15.23	.379	-6.351	.295	15.26	.712	-1.958	.709
16.21	.126	-6.708	.278	16.23	.389	-6.708	.299	16.23	.389	-6.708	.299	16.26	.746	-1.958	.739
17.21	.136	-7.065	.278	17.23	.399	-7.065	.303	17.23	.399	-7.065	.303	17.26	.779	-1.958	.769
18.21	.146	-7.422	.278	18.23	.409	-7.422	.307	18.23	.409	-7.422	.307	18.26	.812	-1.958	.799
19.21	.156	-7.779	.278	19.23	.419	-7.779	.311	19.23	.419	-7.779	.311	19.26	.846	-1.958	.829
20.21	.166	-8.136	.278	20.23	.429	-8.136	.315	20.23	.429	-8.136	.315	20.26	.879	-1.958	.859
21.21	.176	-8.493	.278	21.23	.439	-8.493	.319	21.23	.439	-8.493	.319	21.26	.912	-1.958	.889
22.21	.186	-8.850	.278	22.23	.449	-8.850	.323	22.23	.449	-8.850	.323	22.26	.946	-1.958	.919
23.21	.196	-9.207	.278	23.23	.459	-9.207	.327	23.23	.459	-9.207	.327	23.26	.979	-1.958	.949
24.21	.206	-9.564	.278	24.23	.469	-9.564	.331	24.23	.469	-9.564	.331	24.26	.1012	-1.958	.979
25.21	.216	-9.921	.278	25.23	.479	-9.921	.335	25.23	.479	-9.921	.335	25.26	.1046	-1.958	.1012
26.21	.226	-10.278	.278	26.23	.489	-10.278	.339	26.23	.489	-10.278	.339	26.26	.1079	-1.958	.1046
27.21	.236	-10.635	.278	27.23	.499	-10.635	.343	27.23	.499	-10.635	.343	27.26	.1112	-1.958	.1079
28.21	.246	-10.992	.278	28.23	.509	-10.992	.347	28.23	.509	-10.992	.347	28.26	.1146	-1.958	.1112
29.21	.256	-11.349	.278	29.23	.519	-11.349	.351	29.23	.519	-11.349	.351	29.26	.1179	-1.958	.1146
30.21	.266	-11.706	.278	30.23	.529	-11.706	.355	30.23	.529	-11.706	.355	30.26	.1212	-1.958	.1179
31.21	.276	-12.063	.278	31.23	.539	-12.063	.359	31.23	.539	-12.063	.359	31.26	.1246	-1.958	.1212
32.21	.286	-12.420	.278	32.23	.549	-12.420	.363	32.23	.549	-12.420	.363	32.26	.1279	-1.958	.1246
33.21	.296	-12.777	.278	33.23	.559	-12.777	.367	33.23	.559	-12.777	.367	33.26	.1312	-1.958	.1279
34.21	.306	-13.134	.278	34.23	.569	-13.134	.371	34.23	.569	-13.134	.371	34.26	.1346	-1.958	.1312
35.21	.316	-13.491	.278	35.23	.579	-13.491	.375	35.23	.579	-13.491	.375	35.26	.1379	-1.958	.1346
36.21	.326	-13.848	.278	36.23	.589	-13.848	.379	36.23	.589	-13.848	.379	36.26	.1412	-1.958	.1379
37.21	.336	-14.205	.278	37.23	.599	-14.205	.383	37.23	.599	-14.205	.383	37.26	.1446	-1.958	.1412
38.21	.346	-14.562	.278	38.23	.609	-14.562	.387	38.23	.609	-14.562	.387	38.26	.1479	-1.958	.1446
39.21	.356	-14.919	.278	39.23	.619	-14.919	.391	39.23	.619	-14.919	.391	39.26	.1512	-1.958	.1479
40.21	.366	-15.276	.278	40.23	.629	-15.276	.395	40.23	.629	-15.276	.395	40.26	.1546	-1.958	.1512
41.21	.376	-15.633	.278	41.23	.639	-15.633	.399	41.23	.639	-15.633	.399	41.26	.1579	-1.958	.1546
42.21	.386	-15.990	.278	42.23	.649	-15.990	.403	42.23	.649	-15.990	.403	42.26	.1612	-1.958	.1579
43.21	.396	-16.347	.278	43.23	.659	-16.347	.407	43.23	.659	-16.347	.407	43.26	.1646	-1.958	.1612
44.21	.406	-16.704	.278	44.23	.669	-16.704	.411	44.23	.669	-16.704	.411	44.26	.1679	-1.958	.1646
45.21	.416	-17.061	.278	45.23	.679	-17.061	.415	45.23	.679	-17.061	.415	45.26	.1712	-1.958	.1679
46.21	.426	-17.418	.278	46.23	.689	-17.418	.419	46.23	.689	-17.418	.419	46.26	.1746	-1.958	.1712
47.21	.436	-17.775	.278	47.23	.699	-17.775	.423	47.23	.699	-17.775	.423	47.26	.1779	-1.958	.1746
48.21	.446	-18.132	.278	48.23	.709	-18.132	.427	48.23	.709	-18.132	.427	48.26	.1812	-1.958	.1779
49.21	.456	-18.489	.278	49.23	.719	-18.489	.431	49.23	.719	-18.489	.431	49.26	.1846	-1.958	.1812
50.21	.466	-18.846	.278	50.23	.729	-18.846	.435	50.23	.729	-18.846	.435	50.26	.1879	-1.958	.1846
51.21	.476	-19.203	.278	51.23	.739	-19.203	.439	51.23	.739	-19.203	.439	51.26	.1912	-1.958	.1879
52.21	.486	-19.560	.278	52.23	.749	-19.560	.443	52.23	.749	-19.560	.443	52.26	.1946	-1.958	.1912
53.21	.496	-19.917	.278	53.23	.759	-19.917	.447	53.23	.759	-19.917	.447	53.26	.1979	-1.958	.1946
54.21	.506	-20.274	.278	54.23	.769	-20.274	.451	54.23	.769	-20.274	.451	54.26	.2012	-1.958	.1979
55.21	.516	-20.631	.278	55.23	.779	-20.631	.455	55.23	.779	-20.631	.455	55.26	.2046	-1.958	.2012
56.21	.526	-20.988	.278	56.23	.789	-20.988	.459	56.23	.789	-20.988	.459	56.26	.2079	-1.958	.2046
57.21	.536	-21.345	.278	57.23	.799	-21.345	.463	57.23	.799	-21.345	.463	57.26	.2112	-1.958	.2079
58.21	.546	-21.702	.278	58.23	.809	-21.702	.467	58.23	.809	-21.702	.467	58.26	.2146	-1.958	.2112
59.21	.556	-22.059	.278	59.23	.819	-22.059	.471	59.23	.819	-22.059	.471	59.26	.2179	-1.958	.2146
60.21	.566	-22.416	.278	60.23	.829	-22.416	.475	60.23	.829	-22.416	.475	60.26	.2212	-1.958	.2179
61.21	.576	-22.773	.278	61.23	.839	-22.773	.479	61.23	.839	-22.773	.479	61.26	.2246	-1.958	.2212
62.21	.586	-23.130	.278	62.23	.849	-23.130	.483	62.23	.849	-23.130	.483	62.26	.2279	-1.958	.2246
63.21	.596	-23.487	.278	63.23	.859	-23.487	.487	63.23	.859	-23.487	.487	63.26	.2312	-1.958	.2279
64.21	.606	-23.844	.278	64.23	.869	-23.844	.491	64.23	.869	-23.844	.491	64.26	.2346	-1.958	.2312
65.21	.616	-24.201	.278	65.23	.879	-24.201	.495	65.23	.879	-24.201	.495	65.26	.2379	-1.958	.2346
66.21	.626	-24.558	.278	66.23	.889	-24.558	.499	66.23	.889	-24.558	.499	66.26	.2412	-1.958	.2379
67.21	.636	-24.915	.278	67.23	.899	-24.915	.503	67.23	.899	-24.915	.503	67.26	.2446	-1.958	.2412
68.21	.646	-25.272	.278	68.23	.909	-25.272	.507	68.23	.909	-25.272	.507	68.26	.2479	-1.958	.2446
69.21	.656	-25.629	.278	69.23	.919	-25.629	.511	69.23	.919	-25.629	.511	69.26	.2512	-1.958	.2479
70.21	.666	-25.986	.278	70.23	.929	-25.986	.515	70.23	.929	-25.986	.515	70.26	.2546	-1.958	.2512
71.21	.676	-26.343	.278	71.23	.939	-26.343	.519	71.23	.939	-26.343	.519	71.26	.2579	-1.958	.2546
72.21	.686	-26.700	.278	72.23	.949	-26.700	.523	72.23	.949	-26.700	.523	72.26	.2612	-1.958	.2579
73.21	.696	-27.057	.278	73.23	.959	-27.057	.527	73.23	.959	-27.057	.527	73.26	.2646	-1.958	.2612
74.21	.706	-27.414	.278	74.23	.969	-27.414									

Table 8. Aerodynamic Coefficients for Configuration BlT2X1

[illegible]

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M = 1.00 Q = 7.000 RN = -4190									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM
-4.32	-3.75	2.384	-253	-4.32	-3.75	2.384	-253	-4.32	-3.75
-3.22	-2.49	1.535	-248	-3.22	-2.49	1.535	-248	-3.22	-2.49
-2.13	-1.34	.776	-243	-2.13	-1.34	.776	-243	-2.13	-1.34
-1.05	-.044	.231	-239	-1.05	-.044	.231	-239	-1.05	-.044
.02	-.008	.142	-243	.02	-.008	.142	-243	.02	-.008
1.11	-.006	.402	-251	1.11	-.006	.402	-251	1.11	-.006
3.29	.354	2.005	-262	3.29	.354	2.005	-262	3.29	.354
4.39	.459	2.951	-264	4.39	.459	2.951	-264	4.39	.459
6.40	.755	5.058	-284	6.40	.755	5.058	-284	6.40	.755
.02	-.000	.121	-245	.02	-.000	.121	-245	.02	-.000
M = 1.50 Q = 6.540 RN = -3840									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM
-4.47	-.545	3.850	-219	-4.47	-.545	3.850	-219	-4.47	-.545
-2.12	-.254	1.451	-219	-2.12	-.254	1.451	-219	-2.12	-.254
-1.07	-.098	.738	-222	-1.07	-.098	.738	-222	-1.07	-.098
.06	.054	-.338	-220	.06	.054	-.338	-220	.06	.054
1.18	.202	-1.397	-220	1.18	.202	-1.397	-220	1.18	.202
2.31	.347	2.419	-218	2.31	.347	2.419	-218	2.31	.347
3.44	.498	3.457	-216	3.44	.498	3.457	-216	3.44	.498
4.58	.640	4.388	-219	4.58	.640	4.388	-219	4.58	.640
6.71	.881	6.319	-245	6.71	.881	6.319	-245	6.71	.881
1.07	-.044	.714	-221	1.07	-.044	.714	-221	1.07	-.044
.105	-.044	-.275	-221	.105	-.044	-.275	-221	.105	-.044
M = 3.00 Q = 4.130 RN = -3100									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM
5.91	.484	-3.352	-116	5.91	.484	-3.352	-116	5.91	.484
4.39	.317	-2.051	-119	4.39	.317	-2.051	-119	4.39	.317
3.87	.268	-1.468	-118	3.87	.268	-1.468	-118	3.87	.268
2.83	.180	-.936	-120	2.83	.180	-.936	-120	2.83	.180
1.80	.118	-.647	-122	1.80	.118	-.647	-122	1.80	.118
.73	.069	-.384	-123	.73	.069	-.384	-123	.73	.069
.52	.021	-.123	-123	.52	.021	-.123	-123	.52	.021
.45	-.025	.413	-123	.45	-.025	.413	-123	.45	-.025
-.40	-.075	.696	-123	-.40	-.075	.696	-123	-.40	-.075
-1.30	-.125	.959	-124	-1.30	-.125	.959	-124	-1.30	-.125
-1.83	-.173	1.224	-124	-1.83	-.173	1.224	-124	-1.83	-.173
-2.34	-.222	1.746	-124	-2.34	-.222	1.746	-124	-2.34	-.222
-3.33	-.317	2.755	-124	-3.33	-.317	2.755	-124	-3.33	-.317
-.436	-.423	2.332	-123	-.436	-.423	2.332	-123	-.436	-.423

Table 10. Aerodynamic Coefficients for Configuration B1T2X3

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4070				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.75	-1.97	2.498	-273	-4.78	-1.42	3.423	-262	-4.78	-1.365	2.440	-281	-4.31	-1.419	2.944	-318
-3.18	-2.80	1.483	-264	-3.22	-1.72	2.451	-215	-3.20	-1.250	1.636	-268	-3.22	-1.301	2.115	-313
-1.01	-1.48	1.483	-264	-2.12	-1.172	1.172	-215	-2.12	-1.151	.978	-252	-2.14	-1.195	1.528	-300
-1.02	-1.049	1.483	-228	-1.05	-0.665	.440	-190	-1.05	-0.072	.501	-249	-1.05	-0.033	1.528	-298
-1.02	-0.249	-1.67	-231	.03	-0.355	-221	-188	.02	-0.029	-1.186	-267	.03	-0.133	-2.113	-303
1.09	-1.31	-1.829	-235	1.10	-1.27	-1.816	-202	1.10	-1.14	-1.485	-251	1.11	-1.145	-1.995	-303
2.15	-2.25	-1.456	-253	1.10	-1.27	-1.816	-202	1.10	-1.14	-1.485	-251	2.19	-2.61	-1.816	-316
3.22	-3.41	-2.244	-268	3.25	-3.49	-2.897	-249	3.25	-3.49	-2.897	-249	3.28	-3.78	-2.640	-323
6.30	-6.49	-3.144	-278	6.34	-6.51	-3.477	-261	6.34	-6.51	-3.477	-261	6.36	-6.72	-3.222	-335
6.44	-7.26	-4.972	-287	6.51	-8.62	-6.192	-287	6.53	-7.14	-4.956	-287	6.55	-7.17	-4.894	-356
1.06	-1.76	-1.800	-235	2.18	-2.47	-1.474	-230	2.18	-2.16	-1.352	-261	2.20	-1.84	-1.464	-307
				-2.12	-1.68	1.146	.422					-2.13	-1.180	1.265	.51
M = 1.05 Q = 7.440 RN = .4270				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.560 RN = .3860			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.33	-1.12	2.207	-341	-4.34	-1.429	3.027	-319	-4.40	-1.511	3.779	-266	-4.43	-1.540	3.472	-245
-1.76	-1.12	2.207	-341	-4.34	-1.429	3.027	-319	-4.40	-1.511	3.779	-266	-4.43	-1.540	3.472	-245
-1.15	-1.195	1.344	-314	-3.24	-1.305	2.152	-316	-3.28	-1.270	2.739	-259	-3.31	-1.369	2.871	-240
-1.06	-0.81	1.574	-318	-2.15	-1.192	1.366	-307	-2.18	-1.089	1.668	-254	-2.20	-1.257	1.896	-231
.02	-0.26	-1.185	-311	-1.06	-0.80	.988	-296	-1.06	-0.52	.319	-253	-1.08	-1.105	.752	-225
1.11	-1.45	-1.805	-318	1.02	-1.20	-1.04	-295	1.16	-1.189	-1.331	-256	1.15	-1.173	-1.208	-223
2.20	-2.57	-2.427	-328	3.11	-3.27	-2.874	-302	3.18	-3.242	-3.284	-257	3.27	-3.16	-2.249	-230
6.48	-6.94	-3.427	-345	6.51	-8.67	-5.508	-319	6.58	-8.66	-4.031	-300	6.78	-9.13	-4.316	-351
6.58	-7.95	-5.271	-356	6.61	-9.92	-3.993	-329	6.76	-8.66	-4.031	-300	6.78	-9.13	-4.316	-351
2.19	-2.56	-1.802	-329	2.20	-2.43	-1.638	-311	2.19	-2.43	-1.638	-311	2.19	-2.43	-1.638	-311
-2.14	-1.193	1.348	-322	.02	.020	-1.111	.295	-1.06	-0.087	.695	.252	.03	.030	-1.183	.216
M = 1.75 Q = 6.200 RN = .3600				M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.930 RN = .3200				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
6.12	.761	-1.352	-263	6.11	.717	-1.820	-208	6.00	.678	-1.429	-156	5.88	.656	-1.991	-110
5.09	.432	-1.444	-267	5.08	.449	-2.144	-209	4.97	.433	-2.778	-157	4.86	.428	-3.231	-110
3.31	.370	-1.248	-275	3.30	.442	-2.344	-213	3.19	.433	-2.778	-157	3.08	.409	-2.509	-110
1.97	.274	-1.761	-274	1.97	.343	-2.344	-220	1.89	.201	-1.292	-148	1.78	.201	-1.836	-110
1.42	.175	-1.267	-272	1.42	.223	-1.531	-225	1.35	.142	-1.010	-147	1.28	.187	-1.162	-109
.92	.113	-1.826	-274	.92	.160	-1.096	-225	.85	.089	-.578	-144	.78	.178	-.476	-109
.19	.049	-1.599	-280	.19	.102	-1.703	-224	.33	.034	-.225	-146	.20	.172	-.476	-109
-.12	-.015	-1.112	-282	-.12	.043	-1.300	-224	.19	.020	-.133	-146	.20	.172	-.476	-109
-.44	-.074	-.778	-282	-.44	-.012	-.444	-226	.19	.020	-.133	-146	.20	.172	-.476	-109
-.74	-.149	-.521	-282	-.74	-.044	-.226	-226	.19	.020	-.133	-146	.20	.172	-.476	-109
-.98	-.207	-1.095	-280	-.98	-.114	-.904	-226	-.12	-.127	.816	-147	-.31	-.032	-.205	-105
-.20	-.270	-1.938	-284	-.20	-.167	-1.320	-226	-.12	-.127	.816	-147	-.31	-.032	-.205	-105
-.31	-.391	-2.778	-285	-.31	-.218	-1.726	-227	-.25	-.238	1.528	-147	-.31	-.032	-.205	-105
-.63	-.516	-3.672	-286	-.63	-.320	-2.503	-226	-.25	-.238	1.528	-147	-.31	-.032	-.205	-105
				-.623	-.491	-3.537	-221	-.25	-.238	1.528	-147	-.31	-.032	-.205	-105
M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3200				M = 5.00 Q = 2.600 RN = .3200				M = 5.50 Q = 2.750 RN = .3200			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
5.80	-.623	-1.656	.062	5.81	-.619	-3.614	-.047	5.81	-.619	-3.614	-.047	5.81	-.619	-3.614	-.047
4.81	-.699	-2.904	.062	4.79	-.488	-2.824	-.047	4.79	-.488	-2.824	-.047	4.79	-.488	-2.824	-.047
3.79	-.373	-2.145	.062	3.78	-.365	-2.086	-.047	3.78	-.365	-2.086	-.047	3.78	-.365	-2.086	-.047
1.75	-.149	-1.874	.062	1.75	-.163	-.933	-.047	1.75	-.163	-.933	-.047	1.75	-.163	-.933	-.047
1.22	-.117	-1.675	.062	1.21	-.112	-.372	-.047	1.21	-.112	-.372	-.047	1.21	-.112	-.372	-.047
.72	-.064	-.361	.062	.71	-.059	-.112	-.047	.71	-.059	-.112	-.047	.71	-.059	-.112	-.047
.20	-.016	-1.000	.063	.20	-.028	-.159	-.047	.20	-.028	-.159	-.047	.20	-.028	-.159	-.047
-.30	-.029	-1.170	.063	-.30	-.028	-.159	-.047	-.30	-.028	-.159	-.047	-.30	-.028	-.159	-.047
-.62	-.074	-.632	.063	-.62	-.074	-.632	.063	-.62	-.074	-.632	.063	-.62	-.074	-.632	.063
-.91	-.174	-.708	.063	-.91	-.174	-.708	.063	-.91	-.174	-.708	.063	-.91	-.174	-.708	.063
-.93	-.223	-1.248	.063	-.93	-.223	-1.248	.063	-.93	-.223	-1.248	.063	-.93	-.223	-1.248	.063
-.93	-.316	-1.621	.063	-.93	-.316	-1.621	.063	-.93	-.316	-1.621	.063	-.93	-.316	-1.621	.063
-.93	-.430	-2.492	.063	-.93	-.430	-2.492	.063	-.93	-.430	-2.492	.063	-.93	-.430	-2.492	.063

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[illegible]

Table 12. Aerodynamic Coefficients for Configuration B1T3X2

M = 1.000 Q = 7.090 RN = +1.950									
ALP	CM	CAB	CAF	AL	CM	CAB	CAF	ALP	CM
-4.54	-0.91	7.817	-271	-4.54	-0.91	7.817	-271	-4.54	-0.91
-3.50	-0.715	5.673	-267	-3.50	-0.715	5.673	-267	-3.50	-0.715
-2.25	-0.466	3.725	-257	-2.25	-0.466	3.725	-257	-2.25	-0.466
-1.10	-0.202	1.666	-222	-1.10	-0.202	1.666	-222	-1.10	-0.202
0.00	0.000	0.000	-195	0.00	0.000	0.000	-195	0.00	0.000
1.10	0.202	1.666	-195	1.10	0.202	1.666	-195	1.10	0.202
2.25	0.466	3.725	-195	2.25	0.466	3.725	-195	2.25	0.466
3.50	0.715	5.673	-267	3.50	0.715	5.673	-267	3.50	0.715
4.54	0.91	7.817	-271	4.54	0.91	7.817	-271	4.54	0.91
5.67	1.10	10.020	-173	5.67	1.10	10.020	-173	5.67	1.10
6.79	1.283	15.063	-303	6.79	1.283	15.063	-303	6.79	1.283
7.91	1.466	20.106	-433	7.91	1.466	20.106	-433	7.91	1.466
9.04	1.649	25.149	-563	9.04	1.649	25.149	-563	9.04	1.649
10.16	1.832	30.192	-693	10.16	1.832	30.192	-693	10.16	1.832
11.29	2.015	35.235	-823	11.29	2.015	35.235	-823	11.29	2.015
12.41	2.198	40.278	-953	12.41	2.198	40.278	-953	12.41	2.198
13.54	2.381	45.321	-1083	13.54	2.381	45.321	-1083	13.54	2.381
14.66	2.564	50.364	-1213	14.66	2.564	50.364	-1213	14.66	2.564
15.79	2.747	55.407	-1343	15.79	2.747	55.407	-1343	15.79	2.747
16.91	2.930	60.450	-1473	16.91	2.930	60.450	-1473	16.91	2.930
18.04	3.113	65.493	-1603	18.04	3.113	65.493	-1603	18.04	3.113
19.16	3.296	70.536	-1733	19.16	3.296	70.536	-1733	19.16	3.296
20.29	3.479	75.579	-1863	20.29	3.479	75.579	-1863	20.29	3.479
21.41	3.662	80.622	-1993	21.41	3.662	80.622	-1993	21.41	3.662
22.54	3.845	85.665	-2123	22.54	3.845	85.665	-2123	22.54	3.845
23.66	4.028	90.708	-2253	23.66	4.028	90.708	-2253	23.66	4.028
24.79	4.211	95.751	-2383	24.79	4.211	95.751	-2383	24.79	4.211
25.91	4.394	100.794	-2513	25.91	4.394	100.794	-2513	25.91	4.394
27.04	4.577	105.837	-2643	27.04	4.577	105.837	-2643	27.04	4.577
28.16	4.760	110.880	-2773	28.16	4.760	110.880	-2773	28.16	4.760
29.29	4.943	115.923	-2903	29.29	4.943	115.923	-2903	29.29	4.943
30.41	5.126	120.966	-3033	30.41	5.126	120.966	-3033	30.41	5.126
31.54	5.309	126.009	-3163	31.54	5.309	126.009	-3163	31.54	5.309
32.66	5.492	131.052	-3293	32.66	5.492	131.052	-3293	32.66	5.492
33.79	5.675	136.095	-3423	33.79	5.675	136.095	-3423	33.79	5.675
34.91	5.858	141.138	-3553	34.91	5.858	141.138	-3553	34.91	5.858
36.04	6.041	146.181	-3683	36.04	6.041	146.181	-3683	36.04	6.041
37.16	6.224	151.224	-3813	37.16	6.224	151.224	-3813	37.16	6.224
38.29	6.407	156.267	-3943	38.29	6.407	156.267	-3943	38.29	6.407
39.41	6.590	161.310	-4073	39.41	6.590	161.310	-4073	39.41	6.590
40.54	6.773	166.353	-4203	40.54	6.773	166.353	-4203	40.54	6.773
41.66	6.956	171.396	-4333	41.66	6.956	171.396	-4333	41.66	6.956
42.79	7.139	176.439	-4463	42.79	7.139	176.439	-4463	42.79	7.139
43.91	7.322	181.482	-4593	43.91	7.322	181.482	-4593	43.91	7.322
45.04	7.505	186.525	-4723	45.04	7.505	186.525	-4723	45.04	7.505
46.16	7.688	191.568	-4853	46.16	7.688	191.568	-4853	46.16	7.688
47.29	7.871	196.611	-4983	47.29	7.871	196.611	-4983	47.29	7.871
48.41	8.054	201.654	-5113	48.41	8.054	201.654	-5113	48.41	8.054
49.54	8.237	206.697	-5243	49.54	8.237	206.697	-5243	49.54	8.237
50.66	8.420	211.740	-5373	50.66	8.420	211.740	-5373	50.66	8.420
51.79	8.603	216.783	-5503	51.79	8.603	216.783	-5503	51.79	8.603
52.91	8.786	221.826	-5633	52.91	8.786	221.826	-5633	52.91	8.786
54.04	8.969	226.869	-5763	54.04	8.969	226.869	-5763	54.04	8.969
55.16	9.152	231.912	-5893	55.16	9.152	231.912	-5893	55.16	9.152
56.29	9.335	236.955	-6023	56.29	9.335	236.955	-6023	56.29	9.335
57.41	9.518	241.998	-6153	57.41	9.518	241.998	-6153	57.41	9.518
58.54	9.701	247.041	-6283	58.54	9.701	247.041	-6283	58.54	9.701
59.66	9.884	252.084	-6413	59.66	9.884	252.084	-6413	59.66	9.884
60.79	10.067	257.127	-6543	60.79	10.067	257.127	-6543	60.79	10.067
61.91	10.250	262.170	-6673	61.91	10.250	262.170	-6673	61.91	10.250
63.04	10.433	267.213	-6803	63.04	10.433	267.213	-6803	63.04	10.433
64.16	10.616	272.256	-6933	64.16	10.616	272.256	-6933	64.16	10.616
65.29	10.799	277.299	-7063	65.29	10.799	277.299	-7063	65.29	10.799
66.41	10.982	282.342	-7193	66.41	10.982	282.342	-7193	66.41	10.982
67.54	11.165	287.385	-7323	67.54	11.165	287.385	-7323	67.54	11.165
68.66	11.348	292.428	-7453	68.66	11.348	292.428	-7453	68.66	11.348
69.79	11.531	297.471	-7583	69.79	11.531	297.471	-7583	69.79	11.531
70.91	11.714	302.514	-7713	70.91	11.714	302.514	-7713	70.91	11.714
72.04	11.897	307.557	-7843	72.04	11.897	307.557	-7843	72.04	11.897
73.16	12.080	312.600	-7973	73.16	12.080	312.600	-7973	73.16	12.080
74.29	12.263	317.643	-8103	74.29	12.263	317.643	-8103	74.29	12.263
75.41	12.446	322.686	-8233	75.41	12.446	322.686	-8233	75.41	12.446
76.54	12.629	327.729	-8363	76.54	12.629	327.729	-8363	76.54	12.629
77.66	12.812	332.772	-8493	77.66	12.812	332.772	-8493	77.66	12.812
78.79	12.995	337.815	-8623	78.79	12.995	337.815	-8623	78.79	12.995
79.91	13.178	342.858	-8753	79.91	13.178	342.858	-8753	79.91	13.178
81.04	13.361	347.901	-8883	81.04	13.361	347.901	-8883	81.04	13.361
82.16	13.544	352.944	-9013	82.16	13.544	352.944	-9013	82.16	13.544
83.29	13.727	357.987	-9143	83.29	13.727	357.987	-9143	83.29	13.727
84.41	13.910	363.030	-9273	84.41	13.910	363.030	-9273	84.41	13.910
85.54	14.093	368.073	-9403	85.54	14.093	368.073	-9403	85.54	14.093
86.66	14.276	373.116	-9533	86.66	14.276	373.116	-9533	86.66	14.276
87.79	14.459	378.159	-9663	87.79	14.459	378.159	-9663	87.79	14.459
88.91	14.642	383.202	-9793	88.91	14.642	383.202	-9793	88.91	14.642
90.04	14.825	388.245	-9923	90.04	14.825	388.245	-9923	90.04	14.825
91.16	15.008	393.288	-10053	91.16	15.008	393.288	-10053	91.16	15.008
92.29	15.191	398.331	-10183	92.29	15.191	398.331	-10183	92.29	15.191
93.41	15.374	403.374	-10313	93.41	15.374	403.374	-10313	93.41	15.374
94.54	15.557	408.417	-10443	94.54	15.557	408.417	-10443	94.54	15.557
95.66	15.740	413.460	-10573	95.66	15.740	413.460	-10573	95.66	15.740
96.79	15.923	418.503	-10703	96.79	15.923	418.503	-10703	96.79	15.923
97.91	16.106	423.546	-10833	97.91	16.106	423.546	-10833	97.91	16.106
99.04	16.289	428.589	-10963	99.04	16.289	428.589	-10963	99.04	16.289
100.16	16.472	433.632	-11093	100.16	16.472	433.632	-11093	100.16	16.472
101.29	16.655	438.675	-11223	101.29	16.655	438.675	-11223	101.29	16.655
102.41	16.838	443.718	-11353	102.41	16.838	443.718	-11353	102.41	16.838
103.54	17.021	448.761	-11483	103.54	17.021	448.761	-11483	103.54	17.021
104.66	17.204	453.804	-11613	104.66	17.204	453.804	-11613	104.66	17.204
105.79	17.387	458.847	-11743	105.79	17.387	458.847	-11743	105.79	17.387
106.91	17.570	463.890	-11873	106.91	17.570	463.890	-11873	106.91	17.570
108.04	17.753	468.933	-12003	108.04	17.753	468.933	-12003	108.04	17.753
109.16	17.936	473.976	-12133	109.16	17.936	473.976	-12133	109.16	17.936
110.29	18.119	479.019	-12263	110.29	18.119	479.019	-12263	110.29	18.119
111.41	18.302	484.062	-12393	111.41	18.302	484.062	-12393	111.41	18.302
112.54	18.485	489.105	-12523	112.54	18.485	489.105	-12523	112.54	18.485
113.66	18.668	494.148	-12653	113.66	18.668	494.148	-12653	113.66	18.668
114.79	18.851	499.191	-12783	114.79	18.851	499.191	-12783	114.79	18.851
115.91	19.034	504.234	-12913	115.91	19.034	504.234	-12913	115.91	19.034
117.04	19.217	509.277	-13043	117.04	19.217	509.277	-13043	117.04	19.217
118.16	19.400	514.320	-13173	118.16	19.400	514.320	-13173	118.16	19.400
119.29	19.583	519.363	-13303	119.29	19.583	519.363	-13303	119.29	19.583
120.41	19.766	524.406	-13433	120.41	19.766	524.406	-13433	120.41	19.766
121.54	19.949	529.449	-13563	121.54	19.949	529.449	-13563	121.54	19.949
122.66	20.132	534.492	-13693	122.66	20.132	534.492	-13693	122.66	20.132
123.79	20.315	539.535	-13823	123.79					

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M = 4.00		M = 2.500		M = 4.00		M = 2.450		M = 3.200	
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM
-0.837	-0.600	-0.54	-0.399	2.91	0.920	-0.457	-0.45	3.81	-0.457
-0.600	-0.557	-0.54	-0.466	2.91	0.920	-0.457	-0.45	3.81	-0.457
-0.557	-0.517	-0.54	-0.405	3.87	1.93	-0.716	-0.45	3.92	-0.716
-0.517	-0.466	-0.54	-0.348	3.87	1.93	-0.716	-0.45	3.92	-0.716
-0.466	-0.405	-0.54	-0.290	2.64	-0.7	-0.600	-0.45	3.82	-0.600
-0.405	-0.348	-0.55	-0.239	1.83	-0.71	-1.949	-0.45	3.91	-1.949
-0.348	-0.290	-0.55	-0.189	1.31	1.80	-1.342	-0.45	3.82	-1.342
-0.290	-0.239	-0.54	-0.139	1.31	1.80	-1.342	-0.45	3.82	-1.342
-0.239	-0.189	-0.54	-0.089	0.81	1.15	-0.800	-0.45	3.79	-0.800
-0.189	-0.139	-0.57	-0.039	0.29	-0.2	-0.304	-0.46	3.79	-0.304
-0.139	-0.089	-0.57	-0.039	-0.21	-0.32	-0.223	-0.46	3.79	-0.223
-0.089	-0.039	-0.56	-0.176	-0.76	-1.04	-0.731	-0.47	3.73	-0.731
-0.039	-0.039	-0.56	-0.216	-1.25	-1.14	-1.224	-0.46	3.69	-1.224
-0.039	-0.039	-0.56	-0.256	-1.74	-1.25	-1.746	-0.46	3.75	-1.746
-0.039	-0.039	-0.57	-0.296	-2.24	-1.32	-2.246	-0.45	3.82	-2.246
-0.039	-0.039	-0.57	-0.336	-2.74	-1.39	-2.738	-0.45	3.82	-2.738
-0.039	-0.039	-0.57	-0.376	-3.24	-1.45	-3.235	-0.45	3.83	-3.235
-0.039	-0.039	-0.57	-0.416	-3.74	-1.52	-3.735	-0.45	3.83	-3.735
-0.039	-0.039	-0.57	-0.456	-4.24	-1.59	-4.235	-0.45	3.83	-4.235

Table 14. Aerodynamic Coefficients for Configuration BLT4X1

M	0.00			0.25			0.50			0.75			1.00			1.25			1.50			1.75			2.00			2.25			2.50			2.75			3.00			3.25			3.50			3.75			4.00			4.25			4.50			4.75			5.00			5.25			5.50			5.75			6.00			6.25			6.50			6.75			7.00			7.25			7.50			7.75			8.00			8.25			8.50			8.75			9.00			9.25			9.50			9.75			10.00			10.25			10.50			10.75			11.00			11.25			11.50			11.75			12.00			12.25			12.50			12.75			13.00			13.25			13.50			13.75			14.00			14.25			14.50			14.75			15.00			15.25			15.50			15.75			16.00			16.25			16.50			16.75			17.00			17.25			17.50			17.75			18.00			18.25			18.50			18.75			19.00			19.25			19.50			19.75			20.00			20.25			20.50			20.75			21.00			21.25			21.50			21.75			22.00			22.25			22.50			22.75			23.00			23.25			23.50			23.75			24.00			24.25			24.50			24.75			25.00			25.25			25.50			25.75			26.00			26.25			26.50			26.75			27.00			27.25			27.50			27.75			28.00			28.25			28.50			28.75			29.00			29.25			29.50			29.75			30.00			30.25			30.50			30.75			31.00			31.25			31.50			31.75			32.00			32.25			32.50			32.75			33.00			33.25			33.50			33.75			34.00			34.25			34.50			34.75			35.00			35.25			35.50			35.75			36.00			36.25			36.50			36.75			37.00			37.25			37.50			37.75			38.00			38.25			38.50			38.75			39.00			39.25			39.50			39.75			40.00			40.25			40.50			40.75			41.00			41.25			41.50			41.75			42.00			42.25			42.50			42.75			43.00			43.25			43.50			43.75			44.00			44.25			44.50			44.75			45.00			45.25			45.50			45.75			46.00			46.25			46.50			46.75			47.00			47.25			47.50			47.75			48.00			48.25			48.50			48.75			49.00			49.25			49.50			49.75			50.00			50.25			50.50			50.75			51.00			51.25			51.50			51.75			52.00			52.25			52.50			52.75			53.00			53.25			53.50			53.75			54.00			54.25			54.50			54.75			55.00			55.25			55.50			55.75			56.00			56.25			56.50			56.75			57.00			57.25			57.50			57.75			58.00			58.25			58.50			58.75			59.00			59.25			59.50			59.75			60.00			60.25			60.50			60.75			61.00			61.25			61.50			61.75			62.00			62.25			62.50			62.75			63.00			63.25			63.50			63.75			64.00			64.25			64.50			64.75			65.00			65.25			65.50			65.75			66.00			66.25			66.50			66.75			67.00			67.25			67.50			67.75			68.00			68.25			68.50			68.75			69.00			69.25			69.50			69.75			70.00			70.25			70.50			70.75			71.00			71.25			71.50			71.75			72.00			72.25			72.50			72.75			73.00			73.25			73.50			73.75			74.00			74.25			74.50			74.75			75.00			75.25			75.50			75.75			76.00			76.25			76.50			76.75			77.00			77.25			77.50			77.75			78.00			78.25			78.50			78.75			79.00			79.25			79.50			79.75			80.00			80.25			80.50			80.75			81.00			81.25			81.50			81.75			82.00			82.25			82.50			82.75			83.00			83.25			83.50			83.75			84.00			84.25			84.50			84.75			85.00			85.25			85.50			85.75			86.00			86.25			86.50			86.75			87.00			87.25			87.50			87.75			88.00			88.25			88.50			88.75			89.00			89.25			89.50			89.75			90.00			90.25			90.50			90.75			91.00			91.25			91.50			91.75			92.00			92.25			92.50			92.75			93.00			93.25			93.50			93.75			94.00			94.25			94.50			94.75			95.00			95.25			95.50			95.75			96.00			96.25			96.50			96.75			97.00			97.25			97.50			97.75			98.00			98.25			98.50			98.75			99.00			99.25			99.50			99.75			100.00		
	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM	CAB	ALP	CM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Table 15. Aerodynamic Coefficients for Configuration BIT4X2

M = .80 Q = 5.700 RN = .3e10				M = .90 Q = 6.520 RN = .4e10				M = .95 Q = 7.750 RN = .4e95				M = 1.00 Q = 7.090 RN = .41e9			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-1.97	-0.77	-0.99	.782	-0.43	-0.23	7.509	.179	.43	-.754	5.839	.203	-0.67	-0.08	7.381	.241
-3.37	-0.774	6.010	.790	-3.31	-.11	2.081	.200	-3.31	-.11	2.081	.200	-3.34	-.066	5.422	.798
-3.76	-0.532	6.240	.724	-2.19	-.392	3.135	.197	-2.09	-.180	1.134	.193	-2.22	-.435	3.544	.240
-1.07	-0.336	3.660	.189	-1.08	-.170	1.372	.155	-1.09	-.152	.636	.151	-1.09	-.155	1.529	.829
-1.07	-0.127	.927	.197	.03	-.053	-.417	.154	.01	-.001	.192	.151	.03	-.049	-.396	.237
-1.03	-.085	-.725	.754	1.14	.310	-2.545	.157	1.13	.192	-1.396	.194	1.15	.293	-2.380	.819
1.12	.087	-.725	.754	2.25	.521	-2.206	.163	2.24	.385	-2.893	.200	2.28	.500	-3.981	.817
3.32	.287	-3.440	.749	3.37	.811	-8.645	.171	3.36	.612	-4.868	.205	3.40	.721	-7.158	.798
3.32	.286	-3.444	.749	4.50	1.071	-8.744	.184	4.48	.647	-4.860	.213	4.50	.721	-7.158	.798
6.41	.916	-7.217	.739	6.43	1.865	-17.723	.228	6.76	1.394	-11.039	.224	6.77	.747	-10.982	.781
6.42	1.550	-10.538	.714	8.43	3.869	-37.380	.267	8.42	3.751	-34.814	.262	8.47	3.900	-47.305	.793
-0.37	-.777	6.019	.761												
M = 1.05 Q = 7.440 RN = .4e27				M = 1.10 Q = 7.700 RN = .4e30				M = 1.20 Q = 8.190 RN = .4e37				M = 1.30 Q = 8.400 RN = .4e60			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.49	-.002	7.332	.266	-0.50	-.090	7.185	.277	-0.55	-.936	7.575	.249	-0.60	-.967	7.873	.236
-3.36	-.005	3.941	.260	-3.37	-.093	3.967	.285	-3.40	-.092	5.642	.246	-3.40	-.967	7.873	.236
-2.22	-.431	3.941	.260	-2.23	-.093	3.967	.285	-2.26	-.092	5.642	.246	-2.27	-.967	7.873	.236
-1.10	-.109	1.526	.299	-1.10	-.109	1.526	.299	-1.11	-.095	3.461	.244	-1.11	-.095	3.461	.244
.03	-.057	-0.873	.256	.04	-.051	-.340	.260	.04	-.051	-.340	.260	.05	-.043	1.551	.232
1.17	.311	-2.335	.257	1.17	.302	-2.429	.260	1.19	.315	-2.513	.255	1.20	.313	-2.510	.234
7.30	.959	-8.556	.260	7.31	.942	-8.571	.261	7.34	.948	-8.647	.250	7.37	.941	-8.631	.232
6.43	1.823	-17.716	.268	6.43	1.823	-17.716	.268	6.44	1.834	-18.273	.255	6.46	.841	-8.772	.232
6.44	1.823	-17.716	.268	8.43	3.869	-37.380	.267	8.43	3.869	-37.380	.267	8.46	.841	-8.772	.232
-3.06	.098	-.051	.261	-0.51	-.094	7.332	.264	-0.56	1.007	7.829	.250	-0.69	1.123	-9.106	.250
M = 1.50 Q = 8.540 RN = .3e40				M = 1.75 Q = 9.200 RN = .3e60				M = 2.00 Q = 9.850 RN = .3e90				M = 2.50 Q = 4.930 RN = .3e200			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.40	-.051	6.479	.216	-0.40	-.088	6.174	.230	-0.46	-.085	7.164	.197	-0.46	-.940	-6.631	.140
-3.43	-.010	3.769	.210	-3.44	-.088	6.174	.230	-3.45	-.087	7.164	.197	-3.45	-.940	-6.631	.140
-2.27	-.348	3.035	.206	-2.27	-.088	6.174	.230	-2.28	-.087	7.164	.197	-2.28	-.940	-6.631	.140
-1.12	-.176	1.391	.206	-1.12	-.088	6.174	.230	-1.13	-.087	7.164	.197	-1.13	-.940	-6.631	.140
.03	-.035	-.222	.209	.04	-.035	-.222	.209	.04	-.035	-.222	.209	.04	-.035	-.222	.209
1.16	.242	-1.946	.208	1.16	.242	-1.946	.208	1.16	.242	-1.946	.208	1.16	.242	-1.946	.208
3.45	.895	-7.372	.211	3.45	.895	-7.372	.211	3.45	.895	-7.372	.211	3.45	.895	-7.372	.211
6.46	1.641	-11.338	.245	6.46	1.641	-11.338	.245	6.46	1.641	-11.338	.245	6.46	1.641	-11.338	.245
7.03	.033	-.228	.204	7.03	.033	-.228	.204	7.03	.033	-.228	.204	7.03	.033	-.228	.204
M = 3.00 Q = 4.130 RN = .3100				M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .320C				M = 5.00 Q = 2.450 RN = .320C			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
3.46	.049	-5.882	.090	3.46	.049	-5.882	.090	3.46	.049	-5.882	.090	3.46	.049	-5.882	.090
3.47	.049	-5.882	.090	3.47	.049	-5.882	.090	3.47	.049	-5.882	.090	3.47	.049	-5.882	.090
2.67	.045	-2.776	.088	2.67	.045	-2.776	.088	2.67	.045	-2.776	.088	2.67	.045	-2.776	.088
1.85	.260	-1.789	.087	1.85	.260	-1.789	.087	1.85	.260	-1.789	.087	1.85	.260	-1.789	.087
1.30	.182	-1.261	.086	1.30	.182	-1.261	.086	1.30	.182	-1.261	.086	1.30	.182	-1.261	.086
.80	.110	-.785	.085	.80	.110	-.785	.085	.80	.110	-.785	.085	.80	.110	-.785	.085
.25	.031	-.219	.085	.25	.031	-.219	.085	.25	.031	-.219	.085	.25	.031	-.219	.085
-.76	-.104	.732	.085	-.76	-.104	.732	.085	-.76	-.104	.732	.085	-.76	-.104	.732	.085
-1.27	-1.178	1.226	.084	-1.27	-1.178	1.226	.084	-1.27	-1.178	1.226	.084	-1.27	-1.178	1.226	.084
-1.78	-.249	1.711	.084	-1.78	-.249	1.711	.084	-1.78	-.249	1.711	.084	-1.78	-.249	1.711	.084
-2.28	-.319	2.190	.087	-2.28	-.319	2.190	.087	-2.28	-.319	2.190	.087	-2.28	-.319	2.190	.087
-3.22	-.438	3.124	.088	-3.22	-.438	3.124	.088	-3.22	-.438	3.124	.088	-3.22	-.438	3.124	.088
-4.52	-.610	4.125	.089	-4.52	-.610	4.125	.089	-4.52	-.610	4.125	.089	-4.52	-.610	4.125	.089

Table 16. Aerodynamic Coefficients for Configuration BLT4X3

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.320 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.32	-7.58	6.139	.303	-0.37	-9.69	6.350	.297	-0.37	-7.38	5.964	.285	-0.39	-7.22	6.094	.326
-3.23	-5.36	4.305	.289	-3.27	-7.03	6.032	.275	-3.27	-5.23	4.203	.276	-3.29	-5.45	4.345	.317
-1.06	-3.12	2.997	.269	-2.17	-4.31	3.674	.250	-2.17	-3.40	2.106	.240	-1.08	-3.12	1.130	.309
-1.02	-0.85	-7.72	.249	-1.07	-1.66	1.182	.226	-1.02	-1.40	1.106	.234	-1.02	-1.42	1.130	.309
1.11	-0.86	-2.444	.249	1.03	-0.89	-3.331	.238	1.12	.217	-1.721	.237	1.13	.262	-1.944	.301
2.16	-0.91	-5.036	.279	2.22	-5.92	-7.309	.263	2.22	-4.08	-3.253	.265	2.23	-4.41	-3.576	.309
3.27	-0.91	-5.705	.301	3.32	-6.65	-7.309	.289	3.31	-6.10	-4.902	.274	3.34	-6.50	-5.298	.319
4.36	-0.91	-7.959	.321	4.43	-7.132	-9.783	.312	4.41	-6.22	-6.403	.286	4.44	-6.87	-7.085	.336
6.36	-0.91	-11.167	.346	6.43	-1.635	-14.047	.337	6.43	-1.296	-10.810	.322	6.44	-1.867	-10.102	.346
-0.02	-0.82	-1.747	.266	-0.38	-1.984	8.071	.295	-0.38	-1.749	6.039	.282	-0.39	-1.750	6.107	.329
M = 1.05 Q = 7.440 RN = .4270				M = 1.10 Q = 7.700 RN = .4230				M = 1.20 Q = 8.190 RN = .4320				M = 1.30 Q = 8.400 RN = .4100			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.41	-0.95	6.438	.345	-0.44	-0.71	7.302	.372	-0.47	-0.34	-7.226	.271	-0.50	-0.82	8.462	.314
-2.19	-3.77	3.076	.338	-2.20	-4.03	3.376	.333	-2.47	-0.934	7.022	.366	-3.36	-7.15	6.185	.306
-1.08	-1.53	3.076	.321	-1.09	-1.80	1.818	.312	-3.34	-0.991	5.901	.326	-1.08	-1.85	1.639	.283
-0.03	-0.81	-5.507	.313	-1.03	-0.53	-6.23	.303	-1.06	-1.97	1.137	.273	-1.05	-0.89	-5.34	.290
1.16	-0.80	-2.163	.316	1.14	-2.67	-2.222	.312	1.17	-3.04	-2.520	.302	1.18	-3.23	-2.710	.297
2.24	-0.84	-3.813	.331	2.25	-6.68	-6.160	.331	2.29	-5.47	-6.568	.302	2.32	-5.85	-4.952	.314
3.25	-0.73	-7.461	.345	3.30	-7.63	-8.231	.353	3.41	-7.85	-8.596	.334	3.46	-8.44	-7.171	.318
4.71	-0.71	-11.555	.365	4.75	-8.975	-10.144	.366	4.55	-1.032	-8.632	.371	4.61	-1.111	-13.396	.367
-0.44	-0.11	6.657	.344	-0.75	-1.457	7.123	.325	-0.82	-1.521	-12.486	.275	-0.81	-1.500	1.600	.287
3.35	-0.70	-5.523	.343	-0.44	-0.87	7.323	.369	.03	-0.37	-2.686	.273	.05	-0.60	-4.654	.291
M = 1.50 Q = 8.540 RN = .3840				M = 1.75 Q = 6.200 RN = .3640				M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.930 RN = .3200			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.52	-0.16	7.727	.274	-0.27	-1.198	-0.472	.214	-0.09	-1.045	-8.339	.170	-0.04	-0.944	-7.186	.114
-3.37	-0.73	3.703	.275	-0.25	-0.95	-0.083	.213	-0.06	-0.860	-8.460	.165	-0.04	-0.796	-5.971	.112
-2.24	-0.56	3.717	.294	-0.24	-0.41	-0.426	.207	-0.01	-0.517	-4.118	.158	-0.07	-0.450	-3.646	.100
-1.10	-0.200	1.728	.306	-0.24	-0.395	-2.320	.202	-0.04	-0.335	-2.612	.156	-0.07	-0.294	-2.243	.104
-0.03	-0.42	-2.327	.308	-0.24	-0.293	-2.396	.200	-0.04	-0.242	-1.912	.154	-0.07	-0.210	-1.592	.107
2.17	-0.33	-4.464	.298	-0.24	-0.280	-1.629	.199	-0.04	-0.153	-1.216	.155	-0.07	-0.133	-1.010	.108
3.45	-0.34	-7.917	.270	-0.24	-0.279	-0.776	.194	-0.04	-0.064	-0.534	.154	-0.07	-0.055	-0.420	.108
4.60	-0.27	-9.517	.275	-0.24	-0.261	-0.754	.194	-0.04	-0.022	-0.174	.154	-0.07	-0.023	-0.177	.107
6.93	-0.27	-12.853	.299	-0.24	-0.251	-2.899	.205	-0.04	-0.199	-1.981	.154	-0.07	-0.101	-1.397	.104
-0.03	-0.39	-2.209	.316	-0.23	-0.237	3.078	.209	-0.04	-0.287	2.272	.154	-0.07	-0.280	1.972	.109
M = 3.00 Q = 4.130 RN = .3100				M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3200				M = 5.00 Q = 2.450 RN = .3200			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
-0.92	-0.71	-0.167	.087	-0.95	-0.794	-2.304	.054	-0.98	-0.762	-5.019	.050	-0.98	-0.762	-5.019	.050
-3.00	-0.54	3.072	.085	-0.95	-0.564	-2.307	.053	-0.98	-0.513	-2.044	.050	-0.98	-0.513	-2.044	.050
-2.84	-0.42	-2.802	.083	-0.95	-0.370	-2.324	.055	-0.98	-0.346	-2.336	.050	-0.98	-0.346	-2.336	.050
-1.84	-0.27	-1.184	.081	-0.95	-0.184	-1.184	.081	-0.98	-0.184	-1.184	.081	-0.98	-0.184	-1.184	.081
-1.76	-0.109	-7.700	.081	-0.95	-0.109	-7.700	.081	-0.98	-0.109	-7.700	.081	-0.98	-0.109	-7.700	.081
-2.0	-0.34	-2.234	.081	-0.95	-0.34	-2.234	.081	-0.98	-0.34	-2.234	.081	-0.98	-0.34	-2.234	.081
-2.24	-0.32	-2.234	.081	-0.95	-0.32	-2.234	.081	-0.98	-0.32	-2.234	.081	-0.98	-0.32	-2.234	.081
-1.74	-0.103	-7.707	.081	-0.95	-0.103	-7.707	.081	-0.98	-0.103	-7.707	.081	-0.98	-0.103	-7.707	.081
-1.26	-0.176	-1.263	.081	-0.95	-0.176	-1.263	.081	-0.98	-0.176	-1.263	.081	-0.98	-0.176	-1.263	.081
-1.76	-0.284	-1.767	.081	-0.95	-0.284	-1.767	.081	-0.98	-0.284	-1.767	.081	-0.98	-0.284	-1.767	.081
-2.76	-0.461	-2.767	.081	-0.95	-0.461	-2.767	.081	-0.98	-0.461	-2.767	.081	-0.98	-0.461	-2.767	.081
-0.32	-0.13	-0.13	.081	-0.95	-0.32	-0.13	.081	-0.98	-0.32	-0.13	.081	-0.98	-0.32	-0.13	.081

Table 17. Aerodynamic Coefficients for Configuration BLT4X4

[illegible]

Table 18. Aerodynamic Coefficients for Configuration B2T4X1

M = .00 Q = 5.700 RN = .3310				M = .00 Q = 6.520 RN = .4010				M = .05 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.40	-7.737	5.307	.075	-4.45	-7.600	5.044	.052	-4.51	-8.016	7.134	.150	-4.56	-8.097	7.492	.190
-3.26	-5.500	3.671	.070	-3.32	-5.553	3.140	.040	-3.37	-5.660	5.141	.147	-3.39	-5.684	5.371	.174
-2.17	-3.303	2.153	.070	-2.20	-3.351	2.043	.043	-2.22	-3.351	2.031	.146	-2.23	-3.362	2.025	.181
-1.07	-1.116	.936	.060	-1.06	-1.130	.938	.061	-1.09	-1.155	1.204	.151	-1.09	-1.150	1.146	.169
0.03	0.000	0.000	.000	0.03	0.000	0.000	.000	0.03	0.000	0.000	.000	0.03	0.000	0.000	.000
1.13	2.755	-1.494	.046	1.17	2.755	-1.494	.046	1.03	2.751	-1.494	.046	1.03	2.751	-1.494	.046
2.24	4.448	-3.263	.071	2.29	4.479	-3.340	.064	2.30	4.507	-3.439	.065	2.32	4.518	-3.444	.067
3.34	6.71	-4.934	.072	3.41	6.779	-5.030	.081	3.44	7.01	-5.174	.086	3.48	7.099	-5.291	.087
4.47	8.900	-6.350	.077	4.55	8.947	-7.111	.081	4.56	9.073	-7.413	.087	4.65	9.116	-7.740	.089
5.60	1.261	-9.353	.097	5.65	1.265	-11.447	.093	5.63	1.333	-9.902	.137	5.67	1.402	-13.185	.220
.03	.053	-1.377	.046	1.17	.303	-2.310	.061	4.54	.056	-1.362	.146	2.32	.516	-3.942	.169
								.03	.056	-1.362	.146				.910
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.760 RN = .4230				M = 1.30 Q = 8.400 RN = .4140				M = 1.50 Q = 8.560 RN = .3860			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.37	-8.000	7.740	.195	-4.50	-8.037	7.300	.186	-4.69	-8.933	7.093	.140	-4.67	-8.813	5.930	.140
-3.51	-6.495	5.705	.193	-3.59	-6.517	5.257	.178	-3.50	-6.672	5.110	.134	-3.49	-6.597	5.366	.136
-2.61	-4.990	4.170	.193	-2.70	-5.017	3.757	.170	-2.61	-5.140	3.113	.138	-2.61	-5.065	3.300	.134
-1.70	-3.485	2.645	.175	-1.78	-3.500	2.315	.162	-1.70	-3.664	2.043	.140	-1.74	-3.589	1.839	.134
.03	.051	-1.405	.176	.03	.061	-2.016	.152	.03	.064	-1.483	.140	.03	.068	-1.200	.134
1.17	2.755	-1.494	.046	1.10	2.748	-1.494	.046	1.24	3.007	-2.201	.139	1.21	2.937	-1.870	.135
2.23	5.15	-3.952	.083	2.34	5.264	-4.022	.085	2.42	5.555	-4.170	.142	2.39	5.470	-3.613	.136
3.09	6.822	-5.056	.090	3.49	7.066	-5.491	.104	3.61	8.01	-6.024	.143	3.57	8.000	-6.024	.136
4.46	1.000	-8.460	.111	4.46	1.016	-7.816	.109	4.60	1.051	-7.877	.145	4.76	1.11	-8.932	.140
5.60	1.261	-9.353	.097	5.65	1.265	-11.447	.093	5.63	1.333	-9.902	.137	5.67	1.402	-11.185	.220
1.17	.303	-2.310	.061	1.10	.303	-2.310	.061	1.24	.069	-1.486	.139	1.21	.068	-1.486	.139
								.03	.069	-1.486	.139	.03	.068	-1.486	.139
M = 1.75 Q = 8.200 RN = .3400				M = 2.00 Q = 8.950 RN = .3400				M = 2.50 Q = 4.930 RN = .3200				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
4.21	.008	-4.032	.126	4.15	.008	-4.032	.126	4.10	.000	-5.516	.098	4.01	.002	-5.163	.074
5.18	.015	-5.634	.120	5.12	.015	-5.634	.120	5.06	.001	-5.516	.098	4.99	.001	-5.516	.074
6.12	.030	-6.439	.116	6.07	.030	-6.439	.116	6.03	.030	-5.516	.098	6.00	.030	-5.516	.074
7.06	.047	-7.244	.112	7.02	.047	-7.244	.112	7.00	.047	-5.516	.098	7.00	.047	-5.516	.074
8.02	.064	-8.049	.108	8.00	.064	-8.049	.108	8.00	.064	-5.516	.098	8.00	.064	-5.516	.074
9.00	.081	-8.854	.104	9.00	.081	-8.854	.104	9.00	.081	-5.516	.098	9.00	.081	-5.516	.074
1.00	.100	-9.659	.100	1.00	.100	-9.659	.100	1.00	.100	-5.516	.098	1.00	.100	-5.516	.074
2.00	.117	-10.464	.096	2.00	.117	-10.464	.096	2.00	.117	-5.516	.098	2.00	.117	-5.516	.074
3.00	.134	-11.269	.092	3.00	.134	-11.269	.092	3.00	.134	-5.516	.098	3.00	.134	-5.516	.074
4.00	.151	-12.074	.088	4.00	.151	-12.074	.088	4.00	.151	-5.516	.098	4.00	.151	-5.516	.074
5.00	.168	-12.879	.084	5.00	.168	-12.879	.084	5.00	.168	-5.516	.098	5.00	.168	-5.516	.074
6.00	.185	-13.684	.080	6.00	.185	-13.684	.080	6.00	.185	-5.516	.098	6.00	.185	-5.516	.074
7.00	.202	-14.489	.076	7.00	.202	-14.489	.076	7.00	.202	-5.516	.098	7.00	.202	-5.516	.074
8.00	.219	-15.294	.072	8.00	.219	-15.294	.072	8.00	.219	-5.516	.098	8.00	.219	-5.516	.074
9.00	.236	-16.099	.068	9.00	.236	-16.099	.068	9.00	.236	-5.516	.098	9.00	.236	-5.516	.074
1.00	.253	-16.904	.064	1.00	.253	-16.904	.064	1.00	.253	-5.516	.098	1.00	.253	-5.516	.074
2.00	.270	-17.709	.060	2.00	.270	-17.709	.060	2.00	.270	-5.516	.098	2.00	.270	-5.516	.074
3.00	.287	-18.514	.056	3.00	.287	-18.514	.056	3.00	.287	-5.516	.098	3.00	.287	-5.516	.074
4.00	.304	-19.319	.052	4.00	.304	-19.319	.052	4.00	.304	-5.516	.098	4.00	.304	-5.516	.074
5.00	.321	-20.124	.048	5.00	.321	-20.124	.048	5.00	.321	-5.516	.098	5.00	.321	-5.516	.074
6.00	.338	-20.929	.044	6.00	.338	-20.929	.044	6.00	.338	-5.516	.098	6.00	.338	-5.516	.074
7.00	.355	-21.734	.040	7.00	.355	-21.734	.040	7.00	.355	-5.516	.098	7.00	.355	-5.516	.074
8.00	.372	-22.539	.036	8.00	.372	-22.539	.036	8.00	.372	-5.516	.098	8.00	.372	-5.516	.074
9.00	.389	-23.344	.032	9.00	.389	-23.344	.032	9.00	.389	-5.516	.098	9.00	.389	-5.516	.074
1.00	.406	-24.149	.028	1.00	.406	-24.149	.028	1.00	.406	-5.516	.098	1.00	.406	-5.516	.074
2.00	.423	-24.954	.024	2.00	.423	-24.954	.024	2.00	.423	-5.516	.098	2.00	.423	-5.516	.074
3.00	.440	-25.759	.020	3.00	.440	-25.759	.020	3.00	.440	-5.516	.098	3.00	.440	-5.516	.074
4.00	.457	-26.564	.016	4.00	.457	-26.564	.016	4.00	.457	-5.516	.098	4.00	.457	-5.516	.074
5.00	.474	-27.369	.012	5.00	.474	-27.369	.012	5.00	.474	-5.516	.098	5.00	.474	-5.516	.074
6.00	.491	-28.174	.008	6.00	.491	-28.174	.008	6.00	.491	-5.516	.098	6.00	.491	-5.516	.074
7.00	.508	-28.979	.004	7.00	.508	-28.979	.004	7.00	.508	-5.516	.098	7.00	.508	-5.516	.074
8.00	.525	-29.784	.000	8.00	.525	-29.784	.000	8.00	.525	-5.516	.098	8.00	.525	-5.516	.074
9.00	.542	-30.589	.000	9.00	.542	-30.589	.000	9.00	.542	-5.516	.098	9.00	.542	-5.516	.074
1.00	.559	-31.394	.000	1.00	.559	-31.394	.000	1.00	.559	-5.516	.098	1.00	.559	-31.394	.000
2.00	.576	-32.199	.000	2.00	.576	-32.199	.000	2.00	.576	-5.516	.098	2.00	.576	-32.199	.000
3.00	.593	-33.004	.000	3.00	.593	-33.004	.000	3.00	.593	-5.516	.098	3.00	.593	-33.004	.000
4.00	.610	-33.809	.000	4.00	.610	-33.809	.000	4.00	.610	-5.516	.098	4.00	.610	-33.809	.000
5.00	.627	-34.614	.000	5.00	.627	-34.614	.000	5.00	.627	-5.516	.098	5.00	.627	-34.614	.000
6.00	.644	-35.419	.000	6.00	.644	-35.419	.000	6.00	.644	-5.516	.098	6.00	.644	-35.419	.000
7.00	.661	-36.224	.000	7.00	.661	-36.224	.000	7.00	.661	-5.516	.098	7.00	.661	-36.224	.000
8.00	.678	-37.029	.000	8.00	.678	-37.029	.000	8.00	.678	-5.516	.098	8.00	.678	-37.029	.000
9.00	.695	-37.834	.000	9.00	.695	-37.834	.000	9.00	.695	-5.516	.098	9.00	.695	-37.834	.000
1.00	.712	-38.639	.000	1.00	.712	-38.639	.000	1.00	.712	-5.516	.098	1.00	.712	-38.639	.000
2.00	.729	-39.444	.000	2.00	.729	-39.444	.000	2.00	.729	-5.516	.098	2.00	.729	-39.444	.000
3.00	.746	-40.249	.000	3.00	.746	-40.249	.000	3.00	.746	-5.516	.098	3.00	.746	-40.249	.000
4.00	.763	-41.054	.000	4.00	.763	-41.054	.000	4.00	.763	-5.516	.098	4.00	.763	-41.054	.000
5.00															

Table 19. Aerodynamic Coefficients for Configuration B2T4X2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.33	-0.50	4.098	.053	-4.39	-0.50	4.047	.166	-4.43	-0.50	4.047	.166
-3.28	-0.57	3.487	.116	-3.27	-0.59	3.487	.160	-4.43	-0.57	3.487	.160
-2.15	-0.65	1.924	.162	-2.16	-0.71	2.428	.179	-3.31	-0.71	2.428	.179
-1.05	-0.72	.433	.191	-1.07	-0.78	.859	.185	-2.19	-0.78	.859	.185
.03	.103	.937	.140	.03	.103	.937	.140	-1.01	.103	.937	.140
1.12	.304	-2.492	.142	1.13	.313	-1.437	.156	1.04	.313	-1.437	.156
2.22	.500	-4.003	.080	2.24	.508	-3.993	.089	1.14	.508	-3.993	.089
3.31	.696	-5.037	.167	3.35	.699	-5.035	.157	2.26	.699	-5.035	.157
4.41	.891	-7.103	.074	4.48	.897	-6.996	.098	3.39	.897	-6.996	.098
5.51	1.085	-10.165	.053	6.73	1.509	-12.964	.223	4.51	1.509	-12.964	.223
				6.57	.953	-7.423	.174	6.75	1.308	-10.257	.230
M = 1.05 Q = 7.400 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.20 Q = 8.400 RN = .4140			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.45	-0.787	6.257	.216	-4.48	-0.807	6.034	.207	-4.57	-0.864	6.890	.167
-3.32	-0.863	4.776	.266	-3.34	-0.881	4.636	.203	-3.41	-0.913	4.876	.163
-2.20	-0.946	2.736	.264	-2.21	-0.957	2.638	.204	-2.25	-0.973	2.978	.162
-1.08	-1.035	1.002	.283	-1.08	-1.042	1.134	.205	-1.10	-1.050	1.210	.162
.03	.044	.347	.284	.02	.034	.278	.205	.05	.067	.519	.163
1.14	.242	-1.917	.285	1.14	.233	-1.821	.287	1.21	.294	-2.297	.164
2.27	.442	-3.400	.287	2.28	.440	-3.439	.289	2.36	.522	-4.106	.165
3.39	.643	-5.355	.210	3.42	.646	-5.463	.212	3.49	.764	-6.048	.168
4.53	.849	-7.422	.216	4.55	.846	-7.351	.216	4.64	1.021	-8.083	.175
5.66	1.050	-11.067	.236	6.03	1.375	-10.871	.299	7.04	1.529	-12.032	.185
-1.08	-0.136	1.064	.284	-2.21	-0.358	2.951	.284	-2.26	-0.374	2.992	.162
				.03	.037	.278	.205				
M = 1.25 Q = 8.200 RN = .3400				M = 1.50 Q = 8.560 RN = .3860				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
6.09	.095	-7.319	.154	-4.57	-0.864	6.890	.167	5.93	.854	-5.740	.057
5.07	.019	-6.051	.234	-3.41	-0.913	4.876	.163	4.90	.894	-4.705	.056
4.02	.039	-4.730	.153	-2.25	-0.973	2.978	.162	3.88	.943	-3.686	.055
2.97	.069	-3.483	.140	-1.10	-1.050	1.210	.162	2.84	.989	-2.653	.053
1.93	.103	-2.263	.144	.05	.067	.519	.163	1.82	.948	-1.608	.052
1.39	.116	-1.544	.146	1.21	.294	-2.297	.164	1.27	.174	-1.185	.051
.44	.130	-.945	.145	2.36	.522	-4.106	.165	.77	.104	-.711	.050
.33	.031	-.379	.146	3.49	.764	-6.048	.168	.23	.032	-.224	.050
-.18	-.027	.289	.148	4.64	1.021	-8.083	.175	-.25	-.033	.228	.050
-.76	-.086	1.406	.157	7.04	1.529	-12.032	.185	-.78	-.108	.738	.050
-1.22	-.190	2.814	.168	-2.26	-0.374	2.992	.162	-1.29	-.175	1.702	.051
-1.74	-.275	2.014	.168					-1.61	-.244	1.675	.051
-2.25	-.353	2.816	.168					-2.31	-.314	2.139	.052
-2.76	-.436	3.816	.168					-3.32	-.454	3.080	.053
-3.32	-.520	5.078	.164					-4.35	-.604	4.087	.053
M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3200							
ALP	CN	CM	CAF	ALP	CN	CM	CAF				
5.85	.774	-6.051	.034	5.81	.739	-4.640	.025				
6.44	.620	-3.980	.034	4.82	.598	-3.790	.025				
3.83	.477	-2.887	.034	3.79	.459	-2.906	.025				
2.80	.351	-2.260	.034	2.77	.331	-2.104	.025				
1.79	.215	-1.492	.034	1.76	.204	-1.307	.025				
1.26	.150	-.972	.034	1.23	.138	-.875	.025				
.76	.086	-.369	.034	.72	.072	-.316	.025				
.27	.032	.210	.033	.23	.031	-.153	.024				
-.78	-.093	.607	.033	-.30	-.031	.224	.024				
-1.28	-.152	1.077	.033	-.71	-.091	.575	.024				
-1.79	-.216	1.379	.033	-1.31	-.149	.940	.024				
-2.30	-.282	1.817	.033	-1.81	-.205	1.318	.024				
-2.80	-.347	2.376	.033	-2.32	-.273	1.754	.025				
-3.29	-.402	2.979	.033	-3.31	-.345	2.511	.025				
-3.79	-.453	3.414	.033	-4.33	-.527	3.546	.025				

Table 20 Aerodynamic Coefficients for Configuration B2T4X3

M = .80 Q = 5.700 RN = .3810										M = .90 Q = 6.520 RN = .4010										M = .95 Q = 6.750 RN = .4090										M = 1.00 Q = 7.000 RN = .4190									
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF												
-.773	6.400	.230	.766	-.432	-.780	6.610	.212	.725	-.733	-.632	5.049	.236	.708	-.324	-.777	5.773	.286	.812	-.435	-.700	5.773	.286	.812	-.324	-.777	5.773	.286	.812											
-.629	5.963	4.706	.219	-.322	-.331	4.491	.400	.731	-.423	-.331	4.491	.400	.731	-.423	-.331	4.491	.400	.731	-.423	-.331	4.491	.400	.731	-.423	-.331	4.491	.400	.731											
-.323	5.773	3.045	.215	-.213	-.210	3.117	.191	.731	-.213	-.210	3.117	.191	.731	-.213	-.210	3.117	.191	.731	-.213	-.210	3.117	.191	.731	-.213	-.210	3.117	.191	.731											
-.106	5.773	2.116	.206	-.104	-.048	1.910	.190	.733	-.104	-.048	1.910	.190	.733	-.104	-.048	1.910	.190	.733	-.104	-.048	1.910	.190	.733	-.104	-.048	1.910	.190	.733											
-.051	5.773	1.716	.203	-.112	-.150	1.990	.195	.734	-.113	-.256	2.003	.221	.822	-.114	-.295	2.272	.271	.847	-.114	-.295	2.272	.271	.847	-.114	-.295	2.272	.271	.847											
-.280	5.773	1.609	.203	-.222	-.222	1.609	.203	.734	-.222	-.222	1.609	.203	.734	-.222	-.222	1.609	.203	.734	-.222	-.222	1.609	.203	.734	-.222	-.222	1.609	.203	.734											
-.434	5.773	1.609	.203	-.434	-.434	1.609	.203	.734	-.434	-.434	1.609	.203	.734	-.434	-.434	1.609	.203	.734	-.434	-.434	1.609	.203	.734	-.434	-.434	1.609	.203	.734											
-.687	5.773	1.609	.203	-.687	-.687	1.609	.203	.734	-.687	-.687	1.609	.203	.734	-.687	-.687	1.609	.203	.734	-.687	-.687	1.609	.203	.734	-.687	-.687	1.609	.203	.734											
-.931	5.773	1.609	.203	-.931	-.931	1.609	.203	.734	-.931	-.931	1.609	.203	.734	-.931	-.931	1.609	.203	.734	-.931	-.931	1.609	.203	.734	-.931	-.931	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734	-.367	-.367	1.609	.203	.734											
-.621	5.773	1.609	.203	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734	-.621	-.621	1.609	.203	.734											
-.875	5.773	1.609	.203	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734	-.875	-.875	1.609	.203	.734											
-.116	5.773	1.609	.203	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734	-.116	-.116	1.609	.203	.734											
-.367	5.773	1.609	.203	-.367	-.367	1.609	.203	.																															

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M = 0.00				M = 0.50				M = 1.00			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
5.73	-0.34	-3.16	-0.55	5.82	-0.32	-3.407	-0.44	5.82	-0.32	-3.407	-0.44
-0.71	-0.82	-2.641	-0.54	4.63	-0.65	-2.672	-0.44	4.63	-0.65	-2.672	-0.44
3.71	-0.64	-2.164	-0.55	3.61	-0.69	-2.201	-0.43	3.61	-0.69	-2.201	-0.43
2.70	-1.56	-2.70	-0.55	2.70	-1.56	-2.70	-0.43	2.70	-1.56	-2.70	-0.43
1.67	-1.67	-1.67	-0.44	1.77	-1.73	-1.900	-0.43	1.77	-1.73	-1.900	-0.43
1.12	-1.11	-0.20	-0.55	1.23	-1.20	-0.841	-0.43	1.23	-1.20	-0.841	-0.43
0.64	-0.63	-3.337	-0.55	0.75	-0.72	-0.619	-0.43	0.75	-0.72	-0.619	-0.43
-0.13	-0.14	-0.696	-0.55	0.22	-0.22	-0.156	-0.43	0.22	-0.22	-0.156	-0.43
-0.30	-0.30	-0.711	-0.55	-0.27	-0.27	-0.677	-0.43	-0.27	-0.27	-0.677	-0.43
-0.90	-0.90	-0.771	-0.55	-0.80	-0.80	-1.137	-0.43	-0.80	-0.80	-1.137	-0.43
-1.29	-1.29	-1.070	-0.55	-1.30	-1.30	-1.178	-0.44	-1.30	-1.30	-1.178	-0.44
-2.40	-2.40	-1.363	-0.55	-2.42	-2.42	-1.276	-0.43	-2.42	-2.42	-1.276	-0.43
-3.40	-3.40	-1.927	-0.54	-3.41	-3.41	-1.856	-0.42	-3.41	-3.41	-1.856	-0.42
-4.01	-4.01	-2.570	-0.54	-4.02	-4.02	-2.439	-0.42	-4.02	-4.02	-2.439	-0.42

Table 22. Aerodynamic Coefficients for Configuration BLT5X2

[illegible]

Table 23. Aerodynamic Coefficients for Configuration B1T5X3

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.570 RN = .4010				M = 1.00 Q = 7.090 RN = .4190						
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF			
-0.27	-0.01	4.811	.327	.444	-0.29	-0.01	4.389	.313	.449	-0.31	-0.04	4.731	.335	.507
-3.19	-0.11	3.236	.293	.444	-3.22	-0.16	3.798	.248	.447	-3.24	-0.23	3.224	.319	.507
-2.12	-0.21	1.645	.281	.445	-2.15	-0.26	1.798	.248	.447	-2.18	-0.33	1.940	.296	.521
-1.05	-0.31	1.384	.262	.471	-1.08	-0.36	1.548	.231	.476	-1.10	-0.43	1.690	.272	.544
1.10	-0.41	1.123	.243	.471	1.13	-0.46	1.298	.214	.476	1.15	-0.53	1.440	.255	.555
2.17	-0.51	0.862	.225	.474	2.20	-0.56	1.048	.197	.494	2.22	-0.63	1.190	.237	.560
3.23	-0.61	0.602	.209	.463	3.26	-0.66	0.798	.180	.476	3.28	-0.73	0.940	.219	.560
4.30	-0.71	0.342	.193	.460	4.33	-0.76	0.532	.163	.463	4.35	-0.83	0.682	.151	.519
5.36	-0.81	0.082	.177	.457	5.39	-0.86	0.322	.146	.457	5.41	-0.93	0.432	.134	.519
6.42	-0.91	-0.178	.161	.454	6.45	-0.96	0.112	.129	.454	6.47	-1.03	0.182	.117	.463
7.48	-1.01	-0.418	.145	.445	7.51	-1.06	-0.202	.112	.445	7.53	-1.13	-0.352	.100	.506
8.54	-1.11	-0.658	.129	.438	8.57	-1.16	-0.392	.095	.438	8.59	-1.23	-0.542	.083	.506
9.60	-1.21	-0.898	.113	.431	9.63	-1.26	-0.582	.078	.431	9.65	-1.33	-0.732	.066	.506
10.66	-1.31	-1.138	.097	.424	10.69	-1.36	-0.772	.061	.424	10.71	-1.43	-0.922	.049	.506
11.72	-1.41	-1.378	.081	.417	11.75	-1.46	-0.962	.044	.417	11.77	-1.53	-1.112	.032	.506
12.78	-1.51	-1.618	.065	.410	12.81	-1.56	-1.152	.027	.410	12.83	-1.63	-1.302	.015	.506
13.84	-1.61	-1.858	.049	.403	13.87	-1.66	-1.342	.010	.403	13.89	-1.73	-1.492	.000	.506
14.90	-1.71	-2.098	.033	.396	14.93	-1.76	-1.532	.000	.396	14.95	-1.83	-1.682	.000	.506
15.96	-1.81	-2.338	.017	.389	15.99	-1.86	-1.722	.000	.389	16.01	-1.93	-1.872	.000	.506
17.02	-1.91	-2.578	.001	.382	17.05	-1.96	-1.912	.000	.382	17.07	-2.03	-2.062	.000	.506
18.08	-2.01	-2.818	.000	.375	18.11	-2.06	-2.102	.000	.375	18.13	-2.13	-2.252	.000	.506
19.14	-2.11	-3.058	.000	.368	19.17	-2.16	-2.292	.000	.368	19.19	-2.23	-2.442	.000	.506
20.20	-2.21	-3.298	.000	.361	20.23	-2.26	-2.482	.000	.361	20.25	-2.33	-2.632	.000	.506
21.26	-2.31	-3.538	.000	.354	21.29	-2.36	-2.672	.000	.354	21.31	-2.43	-2.822	.000	.506
22.32	-2.41	-3.778	.000	.347	22.35	-2.46	-2.862	.000	.347	22.37	-2.53	-3.012	.000	.506
23.38	-2.51	-4.018	.000	.340	23.41	-2.56	-3.052	.000	.340	23.43	-2.63	-3.202	.000	.506
24.44	-2.61	-4.258	.000	.333	24.47	-2.66	-3.242	.000	.333	24.49	-2.73	-3.392	.000	.506
25.50	-2.71	-4.498	.000	.326	25.53	-2.76	-3.432	.000	.326	25.55	-2.83	-3.582	.000	.506
26.56	-2.81	-4.738	.000	.319	26.59	-2.86	-3.622	.000	.319	26.61	-2.93	-3.772	.000	.506
27.62	-2.91	-4.978	.000	.312	27.65	-2.96	-3.812	.000	.312	27.67	-3.03	-3.962	.000	.506
28.68	-3.01	-5.218	.000	.305	28.71	-3.06	-4.002	.000	.305	28.73	-3.13	-4.152	.000	.506
29.74	-3.11	-5.458	.000	.298	29.77	-3.16	-4.192	.000	.298	29.79	-3.23	-4.342	.000	.506
30.80	-3.21	-5.698	.000	.291	30.83	-3.26	-4.382	.000	.291	30.85	-3.33	-4.532	.000	.506
31.86	-3.31	-5.938	.000	.284	31.89	-3.36	-4.572	.000	.284	31.91	-3.43	-4.722	.000	.506
32.92	-3.41	-6.178	.000	.277	32.95	-3.46	-4.762	.000	.277	32.97	-3.53	-4.912	.000	.506
33.98	-3.51	-6.418	.000	.270	34.01	-3.56	-4.952	.000	.270	34.03	-3.63	-5.102	.000	.506
35.04	-3.61	-6.658	.000	.263	35.07	-3.66	-5.142	.000	.263	35.09	-3.73	-5.292	.000	.506
36.10	-3.71	-6.898	.000	.256	36.13	-3.76	-5.332	.000	.256	36.15	-3.83	-5.482	.000	.506
37.16	-3.81	-7.138	.000	.249	37.19	-3.86	-5.522	.000	.249	37.21	-3.93	-5.672	.000	.506
38.22	-3.91	-7.378	.000	.242	38.25	-3.96	-5.712	.000	.242	38.27	-4.03	-5.862	.000	.506
39.28	-4.01	-7.618	.000	.235	39.31	-4.06	-5.902	.000	.235	39.33	-4.13	-6.052	.000	.506
40.34	-4.11	-7.858	.000	.228	40.37	-4.16	-6.092	.000	.228	40.39	-4.23	-6.242	.000	.506
41.40	-4.21	-8.098	.000	.221	41.43	-4.26	-6.282	.000	.221	41.45	-4.33	-6.432	.000	.506
42.46	-4.31	-8.338	.000	.214	42.49	-4.36	-6.472	.000	.214	42.51	-4.43	-6.622	.000	.506
43.52	-4.41	-8.578	.000	.207	43.55	-4.46	-6.662	.000	.207	43.57	-4.53	-6.812	.000	.506
44.58	-4.51	-8.818	.000	.200	44.61	-4.56	-6.852	.000	.200	44.63	-4.63	-7.002	.000	.506
45.64	-4.61	-9.058	.000	.193	45.67	-4.66	-7.042	.000	.193	45.69	-4.73	-7.192	.000	.506
46.70	-4.71	-9.298	.000	.186	46.73	-4.76	-7.232	.000	.186	46.75	-4.83	-7.382	.000	.506
47.76	-4.81	-9.538	.000	.179	47.79	-4.86	-7.422	.000	.179	47.81	-4.93	-7.572	.000	.506
48.82	-4.91	-9.778	.000	.172	48.85	-4.96	-7.612	.000	.172	48.87	-5.03	-7.762	.000	.506
49.88	-5.01	-10.018	.000	.165	49.91	-5.06	-7.802	.000	.165	49.93	-5.13	-7.952	.000	.506
50.94	-5.11	-10.258	.000	.158	50.97	-5.16	-8.092	.000	.158	50.99	-5.23	-8.142	.000	.506
52.00	-5.21	-10.498	.000	.151	52.03	-5.26	-8.282	.000	.151	52.05	-5.33	-8.332	.000	.506
53.06	-5.31	-10.738	.000	.144	53.09	-5.36	-8.472	.000	.144	53.11	-5.43	-8.522	.000	.506
54.12	-5.41	-10.978	.000	.137	54.15	-5.46	-8.662	.000	.137	54.17	-5.53	-8.712	.000	.506
55.18	-5.51	-11.218	.000	.130	55.21	-5.56	-8.852	.000	.130	55.23	-5.63	-8.902	.000	.506
56.24	-5.61	-11.458	.000	.123	56.27	-5.66	-9.042	.000	.123	56.29	-5.73	-9.092	.000	.506
57.30	-5.71	-11.698	.000	.116	57.33	-5.76	-9.232	.000	.116	57.35	-5.83	-9.282	.000	.506
58.36	-5.81	-11.938	.000	.109	58.39	-5.86	-9.422	.000	.109	58.41	-5.93	-9.472	.000	.506
59.42	-5.91	-12.178	.000	.102	59.45	-5.96	-9.612	.000	.102	59.47	-6.03	-9.662	.000	.506
60.48	-6.01	-12.418	.000	.095	60.51	-6.06	-9.802	.000	.095	60.53	-6.13	-9.852	.000	.506
61.54	-6.11	-12.658	.000	.088	61.57	-6.16	-10.092	.000	.088	61.59	-6.23	-10.142	.000	.506
62.60	-6.21	-12.898	.000	.081	62.63	-6.26	-10.282	.000	.081	62.65	-6.33	-10.292	.000	.506
63.66	-6.31	-13.138	.000	.074	63.69	-6.36	-10.472	.000	.074	63.71	-6.43	-10.442	.000	.506
64.72	-6.41	-13.378	.000	.067	64.75	-6.46	-10.662	.000	.067	64.77	-6.53	-10.692	.000	.506
65.78	-6.51	-13.618	.000	.060	65.81	-6.56	-10.852	.000	.060	65.83	-6.63	-10.842	.000	.506
66.84	-6.61	-13.858	.000	.053	66.87	-6.66	-11.042	.000	.053	66.89	-6.73	-11.092	.000	.506
67.90	-6.71	-14.098	.000	.046	67.93	-6.76	-11.232	.000	.046	67.95	-6.83	-11.282	.000	.506
68.96	-6.81	-14.338	.000	.039	68.99	-6.86	-11.422	.000	.039	69.01	-6.93	-11.472	.000	.506
70.02	-6.91	-14.578	.000	.032	70.05	-6.96	-11.612	.000	.032	70.07	-7.03	-11.622	.000	.506
71.08	-7.01	-14.818	.000	.025	71.11	-7.06	-11.802	.000	.025	71.13	-7.13	-11.872	.000	.506
72.14	-7.11	-15.058	.000	.018	72.17	-7.16	-12.092	.000	.018	72.19	-7.23	-12.122	.000	.506
73.20	-7.21	-15.298	.000	.011	73.23	-7.26	-12.282	.000	.011	73.25	-7.33	-12.312	.000	.506
74.26	-7.31	-15.538	.000	.004	74.29	-7.36	-12.472	.000	.004	74.31	-7.43	-12.462	.000	.506
75.32	-7.41	-15.778	.000	.000	75.35	-7.46	-12.662	.000	.000	75.37	-7.53	-12.652	.000	.506
76.38	-7.51	-16.018	.000	.000	76.41	-7.56	-12.852	.000	.000	76.43	-7.63	-12.842	.000	.506
77.44	-7.61	-16.258	.000	.000	77.47	-7.66	-13.042	.000	.000	77.49	-7.73	-13.032	.000	.506
78.50	-7.71	-16.498	.000	.000	78.53	-7.76	-13.232	.000	.000	78.55	-7.83	-13.222	.000	.506
79.56	-7.81	-16.738	.000	.000	79.59	-7.86	-13.422	.000	.000	79.61	-7.93	-13.412	.000	.506
80.62	-7.91	-16.978	.000	.000	80.65	-7.96	-13.612	.000	.000	80.67	-8.03	-13.602	.000	.506
81.68	-8.01	-17.218	.000	.000	81.71	-8.06	-13.802	.000	.000	81.73	-8.13	-13.792	.000	.506
82.74	-8.11	-17.458	.000	.000	82.77	-8.16	-14.092	.000	.000	82.79	-8.23	-14.082	.000	.506
83.80	-8.21	-17.698	.000	.000	83.83	-8.26	-14.282	.000	.000	83.85	-8.33	-14.272	.000	.506
84.86	-8.31	-17.938	.000	.000	84.89	-8.36	-14.472	.000	.000	84.91	-8.43	-14.462	.000	.506
85.92	-8.41	-18.178	.000	.000	85.95	-8.46	-14.662	.000	.000	85.97	-8.53	-14.652	.000	.506

Table 24. Aerodynamic Coefficients for Configuration BIT7X1

M = .80		Q = 5.700		Q = 7.000		Q = 8.300		Q = 9.600		Q = 10.900		Q = 12.200		Q = 13.500		Q = 14.800		Q = 16.100		Q = 17.400		Q = 18.700		Q = 20.000		Q = 21.300		Q = 22.600		Q = 23.900		Q = 25.200		Q = 26.500		Q = 27.800		Q = 29.100		Q = 30.400		Q = 31.700		Q = 33.000		Q = 34.300		Q = 35.600		Q = 36.900		Q = 38.200		Q = 39.500		Q = 40.800		Q = 42.100		Q = 43.400		Q = 44.700		Q = 46.000		Q = 47.300		Q = 48.600		Q = 49.900		Q = 51.200		Q = 52.500		Q = 53.800		Q = 55.100		Q = 56.400		Q = 57.700		Q = 59.000		Q = 60.300		Q = 61.600		Q = 62.900		Q = 64.200		Q = 65.500		Q = 66.800		Q = 68.100		Q = 69.400		Q = 70.700		Q = 72.000		Q = 73.300		Q = 74.600		Q = 75.900		Q = 77.200		Q = 78.500		Q = 79.800		Q = 81.100		Q = 82.400		Q = 83.700		Q = 85.000		Q = 86.300		Q = 87.600		Q = 88.900		Q = 90.200		Q = 91.500		Q = 92.800		Q = 94.100		Q = 95.400		Q = 96.700		Q = 98.000		Q = 99.300		Q = 100.600		Q = 101.900		Q = 103.200		Q = 104.500		Q = 105.800		Q = 107.100		Q = 108.400		Q = 109.700		Q = 111.000		Q = 112.300		Q = 113.600		Q = 114.900		Q = 116.200		Q = 117.500		Q = 118.800		Q = 120.100		Q = 121.400		Q = 122.700		Q = 124.000		Q = 125.300		Q = 126.600		Q = 127.900		Q = 129.200		Q = 130.500		Q = 131.800		Q = 133.100		Q = 134.400		Q = 135.700		Q = 137.000		Q = 138.300		Q = 139.600		Q = 140.900		Q = 142.200		Q = 143.500		Q = 144.800		Q = 146.100		Q = 147.400		Q = 148.700		Q = 150.000		Q = 151.300		Q = 152.600		Q = 153.900		Q = 155.200		Q = 156.500		Q = 157.800		Q = 159.100		Q = 160.400		Q = 161.700		Q = 163.000		Q = 164.300		Q = 165.600		Q = 166.900		Q = 168.200		Q = 169.500		Q = 170.800		Q = 172.100		Q = 173.400		Q = 174.700		Q = 176.000		Q = 177.300		Q = 178.600		Q = 179.900		Q = 181.200		Q = 182.500		Q = 183.800		Q = 185.100		Q = 186.400		Q = 187.700		Q = 189.000		Q = 190.300		Q = 191.600		Q = 192.900		Q = 194.200		Q = 195.500		Q = 196.800		Q = 198.100		Q = 199.400		Q = 200.700		Q = 202.000		Q = 203.300		Q = 204.600		Q = 205.900		Q = 207.200		Q = 208.500		Q = 209.800		Q = 211.100		Q = 212.400		Q = 213.700		Q = 215.000		Q = 216.300		Q = 217.600		Q = 218.900		Q = 220.200		Q = 221.500		Q = 222.800		Q = 224.100		Q = 225.400		Q = 226.700		Q = 228.000		Q = 229.300		Q = 230.600		Q = 231.900		Q = 233.200		Q = 234.500		Q = 235.800		Q = 237.100		Q = 238.400		Q = 239.700		Q = 241.000		Q = 242.300		Q = 243.600		Q = 244.900		Q = 246.200		Q = 247.500		Q = 248.800		Q = 250.100		Q = 251.400		Q = 252.700		Q = 254.000		Q = 255.300		Q = 256.600		Q = 257.900		Q = 259.200		Q = 260.500		Q = 261.800		Q = 263.100		Q = 264.400		Q = 265.700		Q = 267.000		Q = 268.300		Q = 269.600		Q = 270.900		Q = 272.200		Q = 273.500		Q = 274.800		Q = 276.100		Q = 277.400		Q = 278.700		Q = 280.000		Q = 281.300		Q = 282.600		Q = 283.900		Q = 285.200		Q = 286.500		Q = 287.800		Q = 289.100		Q = 290.400		Q = 291.700		Q = 293.000		Q = 294.300		Q = 295.600		Q = 296.900		Q = 298.200		Q = 299.500		Q = 300.800		Q = 302.100		Q = 303.400		Q = 304.700		Q = 306.000		Q = 307.300		Q = 308.600		Q = 309.900		Q = 311.200		Q = 312.500		Q = 313.800		Q = 315.100		Q = 316.400		Q = 317.700		Q = 319.000		Q = 320.300		Q = 321.600		Q = 322.900		Q = 324.200		Q = 325.500		Q = 326.800		Q = 328.100		Q = 329.400		Q = 330.700		Q = 332.000		Q = 333.300		Q = 334.600		Q = 335.900		Q = 337.200		Q = 338.500		Q = 339.800		Q = 341.100		Q = 342.400		Q = 343.700		Q = 345.000		Q = 346.300		Q = 347.600		Q = 348.900		Q = 350.200		Q = 351.500		Q = 352.800		Q = 354.100		Q = 355.400		Q = 356.700		Q = 358.000		Q = 359.300		Q = 360.600		Q = 361.900		Q = 363.200		Q = 364.500		Q = 365.800		Q = 367.100		Q = 368.400		Q = 369.700		Q = 371.000		Q = 372.300		Q = 373.600		Q = 374.900		Q = 376.200		Q = 377.500		Q = 378.800		Q = 380.100		Q = 381.400		Q = 382.700		Q = 384.000		Q = 385.300		Q = 386.600		Q = 387.900		Q = 389.200		Q = 390.500		Q = 391.800		Q = 393.100		Q = 394.400		Q = 395.700		Q = 397.000		Q = 398.300		Q = 399.600		Q = 400.900		Q = 402.200		Q = 403.500		Q = 404.800		Q = 406.100		Q = 407.400		Q = 408.700		Q = 410.000		Q = 411.300		Q = 412.600		Q = 413.900		Q = 415.200		Q = 416.500		Q = 417.800		Q = 419.100		Q = 420.400		Q = 421.700		Q = 423.000		Q = 424.300		Q = 425.600		Q = 426.900		Q = 428.200		Q = 429.500		Q = 430.800		Q = 432.100		Q = 433.400		Q = 434.700		Q = 436.000		Q = 437.300		Q = 438.600		Q = 439.900		Q = 441.200		Q = 442.500		Q = 443.800		Q = 445.100		Q = 446.400		Q = 447.700		Q = 449.000		Q = 450.300		Q = 451.600		Q = 452.900		Q = 454.200		Q = 455.500		Q = 456.800		Q = 458.100		Q = 459.400		Q = 460.700		Q = 462.000		Q = 463.300		Q = 464.600		Q = 465.900		Q = 467.200		Q = 468.500		Q = 469.800		Q = 471.100		Q = 472.400		Q = 473.700		Q = 475.000		Q = 476.300		Q = 477.600		Q = 478.900		Q = 480.200		Q = 481.500		Q = 482.800		Q = 484.100		Q = 485.400		Q = 486.700		Q = 488.000		Q = 489.300		Q = 490.600		Q = 491.900		Q = 493.200		Q = 494.500		Q = 495.800		Q = 497.100		Q = 498.400		Q = 499.700		Q = 501.000		Q = 502.300		Q = 503.600		Q = 504.900		Q = 506.200		Q = 507.500		Q = 508.800		Q = 510.100		Q = 511.400		Q = 512.700		Q = 514.000		Q = 515.300		Q = 516.600		Q = 517.900		Q = 519.200		Q = 520.500		Q = 521.800		Q = 523.100		Q = 524.400		Q = 525.700		Q = 527.000		Q = 528.300		Q = 529.600		Q = 530.900		Q = 532.200		Q = 533.500		Q = 534.800		Q = 536.100		Q = 537.400		Q = 538.700		Q = 540.000		Q = 541.300		Q = 542.600		Q = 543.900		Q = 545.200		Q = 546.500		Q = 547.800		Q = 549.100		Q = 550.400		Q = 551.700		Q = 553.000		Q = 554.300		Q = 555.600		Q = 556.900		Q = 558.200		Q = 559.500		Q = 560.800		Q = 562.100		Q = 563.400		Q = 564.700		Q = 566.000		Q = 567.300		Q = 568.600		Q = 569.900		Q = 571.200		Q = 572.500		Q = 573.800		Q = 575.100		Q = 576.400		Q = 577.700		Q = 579.000		Q = 580.300		Q = 581.600		Q = 582.900		Q = 584.200		Q = 585.500		Q = 586.800		Q = 588.100		Q = 589.400		Q = 590.700		Q = 592.000		Q = 593.300		Q = 594.600		Q = 595.900		Q = 597.200		Q = 598.500		Q = 599.800		Q = 601.100		Q = 602.400		Q = 603.700		Q = 605.000		Q = 606.300		Q = 607.600		Q = 608.900		Q = 610.200		Q = 611.500		Q = 612.800		Q = 614.100		Q = 615.400		Q = 616.700		Q = 618.000		Q = 619.300		Q = 620.600		Q = 621.900		Q = 623.200		Q = 624.500		Q = 625.800		Q = 627.100		Q = 628.400		Q = 629.700		Q = 631.000		Q = 632.300		Q = 633.600		Q = 634.900		Q = 636.200		Q = 637.500		Q = 638.800		Q = 640.100		Q = 641.400		Q = 642.700		Q = 644.000		Q = 645.300		Q = 646.600		Q = 647.900		Q = 649.200		Q = 650.500		Q = 651.800		Q = 653.100		Q = 654.400		Q = 655.700		Q = 657.000		Q = 658.300		Q = 659.600		Q = 660.900		Q = 662.200		Q = 663.500		Q = 664.800		Q = 666.100		Q = 667.400		Q = 668.700		Q = 670.000		Q = 671.300		Q = 672.600		Q = 673.900		Q = 675.200		Q = 676.500		Q = 677.800		Q = 679.100		Q = 680.400		Q = 681.700		Q = 683.000		Q = 684.300		Q = 685.600		Q = 686.900		Q = 688.200		Q = 689.500		Q = 690.800		Q = 692.100		Q = 693.400		Q = 694.700		Q = 696.000		Q = 697.300		Q = 698.600		Q = 699.900		Q = 701.200		Q = 702.500		Q = 703.800		Q = 705.100		Q = 706.400		Q = 707.700		Q = 709.000		Q = 710.300		Q = 711.600		Q = 712.900		Q = 714.200		Q = 715.500		Q = 716.800		Q = 718.100		Q = 719.400		Q = 720.700		Q = 722.000		Q = 723.300		Q = 724.600		Q = 725.900		Q = 727.200		Q = 728.500		Q = 729.800		Q = 731.100		Q = 732.400		Q = 733.700		Q = 735.000		Q = 736.300		Q = 737.600		Q = 738.900		Q = 740.200		Q = 741.500		Q = 742.800		Q = 744.100		Q = 745.400		Q = 746.700		Q = 748.000		Q = 749.300		Q = 750.600		Q = 751.900		Q = 753.200		Q = 754.500		Q = 755.800		Q = 757.100		Q = 758.400		Q = 759.700		Q = 761.000		Q = 762.300		Q = 763.600		Q = 764.900		Q = 766.200		Q = 767.500		Q = 768.800		Q = 770.100		Q = 771.400		Q = 772.700		Q = 774.000		Q = 775.300		Q = 776.600		Q = 777.900		Q = 779.200		Q = 780.500		Q = 781.800		Q = 783.100		Q = 784.400		Q = 785.700		Q = 787.000		Q = 788.300		Q = 789.600		Q = 790.900		Q = 792.200		Q = 793.500		Q = 794.800		Q = 796.100		Q = 797.400		Q = 798.700		Q = 800.000		Q = 801.300		Q = 802.600		Q = 803.900		Q = 805.200		Q = 806.500		Q = 807.800		Q = 809.100		Q = 810.400		Q = 811.700		Q = 813.000		Q = 814.300		Q = 815.600		Q = 816.900		Q = 818.200		Q = 819.500		Q = 820.800		Q = 822.100		Q = 823.400		Q = 824.700		Q = 826.000		Q = 827.300		Q = 828.600		Q = 829.900		Q = 831.200		Q = 832.500		Q = 833.800		Q = 835.100		Q = 836.400		Q = 837.700		Q = 839.000		Q = 840.300		Q = 841.600		Q = 842.900		Q = 844.200		Q = 845.500		Q = 846.800		Q = 848.100		Q = 849.400		Q = 850.700		Q = 852.000		Q = 853.300		Q = 854.600		Q = 855.900		Q = 857.200		Q = 858.500		Q = 859.800		Q = 861.100		Q = 862.400		Q = 863.700		Q = 865.000		Q = 866.300		Q = 867.600		Q = 868.900		Q = 870.200		Q = 871.500		Q = 872.800		Q = 874.100		Q = 875.400		Q = 876.700		Q = 878.000		Q = 879.300		Q = 880.600		Q = 881.900		Q = 883.200		Q = 884.500		Q = 885.800		Q = 887.100		Q = 888.400		Q = 889.700		Q = 891.000		Q = 892.300		Q = 893.600		Q = 894.900		Q = 896.200		Q = 897.500		Q = 898.800		Q = 900.100		Q = 901.400		Q = 902.700		Q	
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Table 25. Aerodynamic Coefficients for Configuration BLT7X2

[illegible]

R = 0.00		R = 2.540		R = 2.900		R = 0.50		R = 2.450		R = 2.300	
ALP	CM	CM	CAB	CAB	CAB	ALP	CM	CM	CAB	CAB	CAB
3.01	0.12	0.12	0.29	0.29	0.29	5.03	7.00	-2.50	0.20	0.20	0.20
0.01	-0.05	-0.05	0.29	0.29	0.29	3.82	-0.46	-2.70	0.20	0.20	0.20
3.00	-0.04	-0.04	0.29	0.29	0.29	2.80	0.44	-2.70	0.20	0.20	0.20
2.70	0.03	0.03	0.17	0.17	0.17	2.60	0.29	-2.00	0.20	0.20	0.20
1.70	0.10	0.10	0.29	0.29	0.29	1.70	0.29	-1.30	0.20	0.20	0.20
1.23	-0.10	-0.10	0.29	0.29	0.29	1.24	0.30	-0.01	0.21	0.21	0.21
0.73	0.04	0.04	0.29	0.29	0.29	0.75	0.03	-0.50	0.21	0.21	0.21
0.21	0.27	0.27	0.10	0.10	0.10	0.23	0.00	-1.70	0.21	0.21	0.21
-0.20	0.04	0.04	0.29	0.29	0.29	-0.20	-0.30	0.17	0.21	0.21	0.21
-0.35	0.13	0.13	0.29	0.29	0.29	-0.70	0.07	0.50	0.21	0.21	0.21
-0.53	0.73	0.73	0.29	0.29	0.29	-1.20	0.13	0.92	0.21	0.21	0.21
-0.81	1.00	1.00	0.29	0.29	0.29	-2.31	0.20	1.40	0.21	0.21	0.21
-1.02	1.20	1.20	0.29	0.29	0.29	-2.51	0.16	1.60	0.20	0.20	0.20
-1.21	1.00	1.00	0.29	0.29	0.29	-3.10	0.29	2.00	0.20	0.20	0.20
-1.01	0.90	0.90	0.29	0.29	0.29	-3.10	0.29	2.00	0.20	0.20	0.20
-1.32	3.33	3.33	0.29	0.29	0.29	-0.31	0.03	3.15	0.19	0.19	0.19
-1.32	3.33	3.33	0.29	0.29	0.29				0.19	0.19	0.19

Table 26. Aerodynamic Coefficients for Configuration BLT7X3

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.000 RN = .4190			
ALP	CM	CAB	CAP	ALP	CM	CAB	CAP	ALP	CM	CAB	CAP	ALP	CM	CAB	CAP
-0.31	-7.44	6.078	.196	-0.37	-6.03	6.593	.144	-0.39	-6.800	7.389	.224	-0.40	-6.64	7.28	.304
-0.22	-5.32	6.336	.187	-0.27	-4.93	6.823	.134	-0.29	-4.78	6.936	.215	-0.29	-4.67	7.008	.280
-0.14	-3.90	6.599	.178	-0.17	-3.58	7.023	.127	-0.18	-3.40	7.158	.201	-0.18	-3.27	7.335	.260
-0.05	-2.15	6.891	.174	-0.07	-1.98	7.293	.117	-0.07	-1.74	7.422	.183	-0.07	-1.57	7.592	.241
-0.03	-1.15	7.174	.171	-0.03	-0.79	7.576	.113	-0.03	-0.55	7.645	.164	-0.03	-0.38	7.812	.226
0.02	.009	7.402	.174	0.03	.079	7.860	.112	0.03	.250	7.935	.151	0.03	.508	8.087	.208
0.08	.325	7.610	.180	0.13	.266	8.146	.113	0.13	.890	8.221	.181	0.13	.847	8.396	.174
0.28	.525	7.810	.181	0.23	.503	8.432	.119	0.23	1.32	8.507	.193	0.23	1.799	8.682	.141
0.37	.737	8.010	.181	0.33	.729	8.692	.119	0.33	1.82	8.767	.209	0.33	2.26	8.943	.108
0.53	.943	8.210	.181	0.43	.945	8.888	.119	0.43	2.32	8.963	.224	0.43	2.79	9.149	.075
0.63	1.149	8.410	.181	0.53	1.145	9.084	.119	0.53	2.82	9.159	.239	0.53	3.29	9.355	.042
0.74	1.355	8.610	.181	0.63	1.341	9.280	.119	0.63	3.32	9.375	.254	0.63	3.72	9.561	.009
0.84	1.561	8.810	.181	0.74	1.547	9.476	.119	0.74	3.82	9.580	.269	0.74	4.22	9.757	.000
0.94	1.767	9.010	.181	0.84	1.753	9.672	.119	0.84	4.32	9.786	.284	0.84	4.72	9.953	.000
1.04	1.973	9.210	.181	0.94	1.959	9.868	.119	0.94	4.82	9.991	.299	0.94	5.22	10.149	.000
1.14	2.179	9.410	.181	1.04	2.165	10.064	.119	1.04	5.32	10.197	.314	1.04	5.72	10.345	.000
1.24	2.385	9.610	.181	1.14	2.371	10.260	.119	1.14	5.82	10.393	.329	1.14	6.22	10.541	.000
1.34	2.591	9.810	.181	1.24	2.577	10.456	.119	1.24	6.32	10.589	.344	1.24	6.72	10.737	.000
1.44	2.797	10.010	.181	1.34	2.783	10.652	.119	1.34	6.82	10.785	.359	1.34	7.22	10.933	.000
1.54	3.003	10.210	.181	1.44	3.000	10.848	.119	1.44	7.32	10.981	.374	1.44	7.72	11.129	.000
1.64	3.209	10.410	.181	1.54	3.206	11.044	.119	1.54	7.82	11.177	.389	1.54	8.22	11.325	.000
1.74	3.415	10.610	.181	1.64	3.412	11.240	.119	1.64	8.32	11.373	.404	1.64	8.72	11.521	.000
1.84	3.621	10.810	.181	1.74	3.618	11.436	.119	1.74	8.82	11.569	.419	1.74	9.22	11.717	.000
1.94	3.827	11.010	.181	1.84	3.824	11.632	.119	1.84	9.32	11.765	.434	1.84	9.72	11.913	.000
2.04	4.033	11.210	.181	1.94	4.030	11.828	.119	1.94	9.82	11.961	.449	1.94	10.22	12.109	.000
2.14	4.239	11.410	.181	2.04	4.236	12.024	.119	2.04	10.32	12.157	.464	2.04	10.72	12.305	.000
2.24	4.445	11.610	.181	2.14	4.442	12.220	.119	2.14	10.82	12.353	.479	2.14	11.22	12.501	.000
2.34	4.651	11.810	.181	2.24	4.648	12.416	.119	2.24	11.32	12.549	.494	2.24	11.72	12.697	.000
2.44	4.857	12.010	.181	2.34	4.854	12.612	.119	2.34	11.82	12.745	.509	2.34	12.22	12.893	.000
2.54	5.063	12.210	.181	2.44	5.060	12.808	.119	2.44	12.32	12.941	.524	2.44	12.72	13.089	.000
2.64	5.269	12.410	.181	2.54	5.266	13.004	.119	2.54	12.82	13.137	.539	2.54	13.22	13.285	.000
2.74	5.475	12.610	.181	2.64	5.472	13.200	.119	2.64	13.32	13.333	.554	2.64	13.72	13.481	.000
2.84	5.681	12.810	.181	2.74	5.678	13.396	.119	2.74	13.82	13.529	.569	2.74	14.22	13.677	.000
2.94	5.887	13.010	.181	2.84	5.884	13.592	.119	2.84	14.32	13.725	.584	2.84	14.72	13.873	.000
3.04	6.093	13.210	.181	2.94	6.090	13.788	.119	2.94	14.82	13.921	.599	2.94	15.22	14.069	.000
3.14	6.299	13.410	.181	3.04	6.296	13.984	.119	3.04	15.32	14.117	.614	3.04	15.72	14.265	.000
3.24	6.505	13.610	.181	3.14	6.502	14.180	.119	3.14	15.82	14.313	.629	3.14	16.22	14.461	.000
3.34	6.711	13.810	.181	3.24	6.708	14.376	.119	3.24	16.32	14.509	.644	3.24	16.72	14.657	.000
3.44	6.917	14.010	.181	3.34	6.914	14.572	.119	3.34	16.82	14.705	.659	3.34	17.22	14.853	.000
3.54	7.123	14.210	.181	3.44	7.120	14.768	.119	3.44	17.32	14.901	.674	3.44	17.72	15.049	.000
3.64	7.329	14.410	.181	3.54	7.326	14.964	.119	3.54	17.82	15.097	.689	3.54	18.22	15.245	.000
3.74	7.535	14.610	.181	3.64	7.532	15.160	.119	3.64	18.32	15.293	.704	3.64	18.72	15.441	.000
3.84	7.741	14.810	.181	3.74	7.738	15.356	.119	3.74	18.82	15.489	.719	3.74	19.22	15.637	.000
3.94	7.947	15.010	.181	3.84	7.944	15.552	.119	3.84	19.32	15.685	.734	3.84	19.72	15.833	.000
4.04	8.153	15.210	.181	3.94	8.150	15.748	.119	3.94	19.82	15.881	.749	3.94	20.22	16.029	.000
4.14	8.359	15.410	.181	4.04	8.356	15.944	.119	4.04	20.32	16.077	.764	4.04	20.72	16.225	.000
4.24	8.565	15.610	.181	4.14	8.562	16.140	.119	4.14	20.82	16.273	.779	4.14	21.22	16.421	.000
4.34	8.771	15.810	.181	4.24	8.768	16.336	.119	4.24	21.32	16.469	.794	4.24	21.72	16.617	.000
4.44	8.977	16.010	.181	4.34	8.974	16.532	.119	4.34	21.82	16.665	.809	4.34	22.22	16.813	.000
4.54	9.183	16.210	.181	4.44	9.180	16.728	.119	4.44	22.32	16.861	.824	4.44	22.72	17.009	.000
4.64	9.389	16.410	.181	4.54	9.386	16.924	.119	4.54	22.82	17.057	.839	4.54	23.22	17.205	.000
4.74	9.595	16.610	.181	4.64	9.592	17.120	.119	4.64	23.32	17.253	.854	4.64	23.72	17.401	.000
4.84	9.801	16.810	.181	4.74	9.798	17.316	.119	4.74	23.82	17.449	.869	4.74	24.22	17.597	.000
4.94	10.007	17.010	.181	4.84	10.004	17.512	.119	4.84	24.32	17.645	.884	4.84	24.72	17.793	.000
5.04	10.213	17.210	.181	4.94	10.210	17.708	.119	4.94	24.82	17.841	.899	4.94	25.22	17.989	.000
5.14	10.419	17.410	.181	5.04	10.416	17.904	.119	5.04	25.32	18.037	.914	5.04	25.72	18.185	.000
5.24	10.625	17.610	.181	5.14	10.622	18.100	.119	5.14	25.82	18.233	.929	5.14	26.22	18.381	.000
5.34	10.831	17.810	.181	5.24	10.828	18.296	.119	5.24	26.32	18.429	.944	5.24	26.72	18.577	.000
5.44	11.037	18.010	.181	5.34	11.034	18.492	.119	5.34	26.82	18.625	.959	5.34	27.22	18.773	.000
5.54	11.243	18.210	.181	5.44	11.240	18.688	.119	5.44	27.32	18.821	.974	5.44	27.72	18.969	.000
5.64	11.449	18.410	.181	5.54	11.446	18.884	.119	5.54	27.82	19.017	.989	5.54	28.22	19.165	.000
5.74	11.655	18.610	.181	5.64	11.652	19.080	.119	5.64	28.32	19.213	.100	5.64	28.72	19.361	.000
5.84	11.861	18.810	.181	5.74	11.858	19.276	.119	5.74	28.82	19.409	.115	5.74	29.22	19.557	.000
5.94	12.067	19.010	.181	5.84	12.064	19.472	.119	5.84	29.32	19.605	.130	5.84	29.72	19.753	.000
6.04	12.273	19.210	.181	5.94	12.270	19.668	.119	5.94	29.82	19.801	.145	5.94	30.22	19.949	.000
6.14	12.479	19.410	.181	6.04	12.476	19.864	.119	6.04	30.32	20.000	.160	6.04	30.72	20.145	.000
6.24	12.685	19.610	.181	6.14	12.682	20.060	.119	6.14	30.82	20.196	.175	6.14	31.22	20.341	.000
6.34	12.891	19.810	.181	6.24	12.888	20.256	.119	6.24	31.32	20.392	.190	6.24	31.72	20.537	.000
6.44	13.097	20.010	.181	6.34	13.094	20.452	.119	6.34	31.82	20.588	.205	6.34	32.22	20.733	.000
6.54	13.303	20.210	.181	6.44	13.300	20.648	.119	6.44	32.32	20.784	.220	6.44	32.72	20.929	.000
6.64	13.509	20.410	.181	6.54	13.506	20.844	.119	6.54	32.82	20.980	.235	6.54	33.22	21.125	.000
6.74	13.715	20.610	.181	6.64	13.712	21.040	.119	6.64	33.32	21.176	.250	6.64	33.72	21.321	.000
6.84	13.921	20.810	.181	6.74	13.918	21.236	.119	6.74	33.82	21.372	.265	6.74	34.22	21.517	.000
6.94	14.127	21.010	.181	6.84	14.124	21.432	.119	6.84	34.32	21.568	.280	6.84	34.72	21.713	.000
7.04	14.333	21.210	.181	6.94	14.330	21.628	.119	6.94	34.82	21.764	.295	6.94	35.22	21.909	.000
7.14	14.539	21.410	.181	7.04	14.536	21.824	.119	7.04	35.32	21.960	.310	7.04	35.72	22.105	.000
7.24	14.745														

Table 27. Aerodynamic Coefficients for Configuration BL7X4

M = .80 Q = 5.700 RN = .3610				M = .90 Q = 6.750 RN = .4090				M = 1.00 Q = 7.000 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-0.27	-7.00	5.810	.337	-0.34	-6.01	7.894	.406	-4.35	-2.87	7.771	.545
-3.20	-5.03	4.150	.288	-3.24	-6.03	5.861	.403	-3.25	-6.59	5.830	.536
-3.12	-3.06	2.501	.284	-2.15	-6.45	3.971	.397	-2.16	-4.86	3.730	.530
-3.12	-1.06	1.095	.286	-1.06	-7.11	1.519	.384	-1.03	-3.99	1.729	.550
-1.05	-1.13	.872	.281	1.02	.995	-2.549	.381	.03	.039	-.284	.555
1.05	.872	.281	.363	1.12	.995	-2.549	.381	1.12	.272	-2.309	.572
1.05	.283	-2.466	.252	2.21	.995	-6.335	.381	2.21	.681	-4.097	.549
2.16	.681	-5.045	.284	3.28	1.017	-8.884	.402	3.31	.730	-6.277	.561
3.28	.681	-5.045	.371	6.36	1.017	-8.884	.402	6.41	.985	-8.539	.553
6.31	.681	-7.266	.357	6.36	1.534	-13.440	.425	6.41	1.443	-12.428	.546
6.47	1.275	-10.796	.357	6.36	1.534	-13.440	.425	6.41	1.443	-12.428	.546
-6.27	-7.00	5.810	.311	-6.33	-6.89	7.794	.397	-6.34	-6.80	7.729	.562

M = 1.05 Q = 7.440 RN = .4220				M = 1.20 Q = 8.190 RN = .4370				M = 1.30 Q = 8.400 RN = .4160			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-0.36	-7.72	6.373	.405	-0.39	-7.99	6.874	.260	-4.43	-8.12	6.954	.182
-3.16	-5.04	4.332	.376	-3.20	-5.94	5.118	.264	-3.31	-5.90	5.073	.170
-3.16	-3.06	2.800	.387	-2.17	-3.75	3.270	.264	-2.19	-3.67	3.176	.162
-1.07	-1.07	1.131	.384	-1.07	-3.75	3.270	.264	-1.06	-1.61	1.263	.163
.03	.03	.514	.384	1.04	.049	-3.356	.263	.05	.072	-.570	.159
1.12	.287	-2.077	.400	1.04	.049	-3.356	.263	1.17	.288	-2.393	.157
2.22	.287	-2.077	.400	2.22	.676	-5.880	.267	2.22	.676	-5.880	.267
3.22	.287	-2.077	.400	3.22	.676	-5.880	.267	3.22	.676	-5.880	.267
6.41	.287	-2.077	.400	6.41	.676	-5.880	.267	6.41	.676	-5.880	.267
6.41	.287	-2.077	.400	6.41	.676	-5.880	.267	6.41	.676	-5.880	.267
-6.27	-7.00	5.810	.311	-6.33	-6.89	7.794	.397	-6.34	-6.80	7.729	.562

M = 1.50 Q = 8.560 RN = .3860				M = 2.50 Q = 5.850 RN = .3500				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-0.44	-8.23	7.042	.129	8.48	1.340	-8.827	.095	8.44	1.237	-8.624	.081
-3.21	-5.90	5.070	.124	7.56	1.165	-8.507	.096	7.38	1.055	-7.478	.081
-3.12	-3.06	2.501	.122	6.45	.959	-7.190	.093	6.28	.881	-6.326	.077
-1.07	-1.07	1.131	.120	5.34	.784	-5.923	.087	5.11	.559	-4.074	.073
1.05	.872	.281	.363	4.23	.609	-4.606	.073	4.07	.409	-2.998	.068
2.16	.681	-5.045	.284	3.12	.432	-3.324	.069	3.00	.264	-1.940	.064
3.28	.681	-5.045	.371	2.01	.250	-2.012	.064	1.45	.190	-1.398	.061
6.31	.681	-7.266	.357	1.03	.165	-1.122	.064	.91	.118	-.872	.058
6.47	1.275	-10.796	.357	.68	.089	-.534	.063	.40	.054	-.401	.057
-6.27	-7.00	5.810	.311	-6.33	-6.89	7.794	.397	-6.34	-6.80	7.729	.562

M = 1.75 Q = 6.200 RN = .3500				M = 2.00 Q = 5.000 RN = .3100				M = 2.25 Q = 4.130 RN = .2700			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
0.91	1.000	-12.056	.127	0.91	1.000	-12.056	.127	0.91	1.000	-12.056	.127
7.76	1.364	-11.310	.126	7.76	1.364	-11.310	.126	7.76	1.364	-11.310	.126
6.40	1.167	-9.591	.122	6.40	1.167	-9.591	.122	6.40	1.167	-9.591	.122
5.37	.960	-7.929	.118	5.37	.960	-7.929	.118	5.37	.960	-7.929	.118
4.23	.784	-6.262	.113	4.23	.784	-6.262	.113	4.23	.784	-6.262	.113
3.12	.609	-4.606	.104	3.12	.609	-4.606	.104	3.12	.609	-4.606	.104
2.01	.432	-3.324	.099	2.01	.432	-3.324	.099	2.01	.432	-3.324	.099
1.03	.250	-2.012	.064	1.03	.250	-2.012	.064	1.03	.250	-2.012	.064
.68	.165	-1.122	.063	.68	.165	-1.122	.063	.68	.165	-1.122	.063
.40	.089	-.534	.063	.40	.089	-.534	.063	.40	.089	-.534	.063
.05	.054	-.401	.057	.05	.054	-.401	.057	.05	.054	-.401	.057
-0.91	-1.00	12.056	.127	-0.91	-1.00	12.056	.127	-0.91	-1.00	12.056	.127
-7.76	-1.364	11.310	.126	-7.76	-1.364	11.310	.126	-7.76	-1.364	11.310	.126
-6.40	-1.167	9.591	.122	-6.40	-1.167	9.591	.122	-6.40	-1.167	9.591	.122
-5.37	-.960	7.929	.118	-5.37	-.960	7.929	.118	-5.37	-.960	7.929	.118
-4.23	-.784	6.262	.113	-4.23	-.784	6.262	.113	-4.23	-.784	6.262	.113
-3.12	-.609	4.606	.104	-3.12	-.609	4.606	.104	-3.12	-.609	4.606	.104
-2.01	-.432	3.324	.099	-2.01	-.432	3.324	.099	-2.01	-.432	3.324	.099
-1.03	-.250	2.012	.064	-1.03	-.250	2.012	.064	-1.03	-.250	2.012	.064
-.68	-.165	1.122	.063	-.68	-.165	1.122	.063	-.68	-.165	1.122	.063
-.40	-.089	.534	.063	-.40	-.089	.534	.063	-.40	-.089	.534	.063
-.05	-.054	.401	.057	-.05	-.054	.401	.057	-.05	-.054	.401	.057

Table 28. Aerodynamic Coefficients for Configuration BLT8X1

[illegible]

Table 29. Aerodynamic Coefficients for Configuration BLT8X2

M = 1.75 $\theta = 0.200$ RN = .3000					M = 2.00 $\theta = 5.000$ RN = .3400					M = 2.50 $\theta = 4.000$ RN = .3200					M = 3.00 $\theta = 4.100$ RN = .3100				
ALP	CN	CM	CAB	CAP	ALP	CN	CM	CAB	CAP	ALP	CN	CM	CAB	CAP	ALP	CN	CM	CAB	CAP
0.13	1.003	-7.004	-240	.713	0.03	1.022	-7.561	.199	.658	0.02	.966	-6.990	.150	.548	5.04	.886	-6.076	.108	.694
0.11	.993	-6.003	-234	.699	5.00	.867	-6.315	.197	.656	4.99	.867	-6.315	.197	.656	4.84	.710	-4.989	.108	.693
0.07	.899	-5.000	-228	.685	3.06	.668	-5.012	.197	.653	3.06	.668	-5.012	.197	.653	3.83	.561	-3.880	.107	.697
0.01	.810	-4.000	-222	.671	2.01	.469	-3.983	.201	.654	2.01	.456	-3.287	.196	.557	2.81	.406	-2.820	.105	.692
1.00	.310	-3.000	-216	.657	1.37	.317	-2.868	.211	.646	1.37	.291	-2.117	.197	.546	1.77	.256	-1.788	.106	.502
1.42	.042	-2.000	-210	.643	.81	.134	-1.645	.228	.644	.82	.124	-1.082	.196	.536	1.23	.177	-1.229	.103	.697
.60	.131	-1.152	.213	.727	.29	.049	-.274	.234	.645	.29	.049	-.274	.234	.645	.20	.028	-.203	.102	.503
.37	.004	-.002	.216	.728	-.22	-.035	.274	.236	.642	-.20	-.045	.210	.154	.551	-.31	-.044	.304	.102	.500
-.14	-.004	.102	.217	.734	-.76	-.184	1.041	.235	.643	-.73	-.113	.828	.155	.552	-.83	-.120	.837	.102	.499
-.07	-.116	.003	.214	.725	-.76	-.184	1.040	.226	.640	-.73	-.123	.120	.154	.577	-1.34	-.192	1.338	.102	.500
-.10	-.002	.102	.214	.725	-.76	-.184	1.040	.226	.640	-.73	-.123	.120	.154	.577	-1.34	-.192	1.338	.102	.500
-.10	-.002	.102	.214	.725	-.76	-.184	1.040	.226	.640	-.73	-.123	.120	.154	.577	-1.34	-.192	1.338	.102	.500
-.22	-.000	2.007	.202	.722	-.33	-.302	2.027	.216	.650	-.32	-.28	2.334	.156	.552	-2.39	-.239	2.344	.104	.492
-.34	-.004	2.002	.206	.717	-.33	-.302	2.018	.210	.651	-.32	-.28	2.334	.156	.559	-2.39	-.239	2.344	.104	.492
-.49	-.004	2.002	.213	.713	-.34	-.302	2.024	.202	.653	-.32	-.28	2.334	.156	.550	-2.40	-.240	2.344	.105	.499

M = 4.00 $\theta = 2.340$ RN = .2500					M = 4.50 $\theta = 2.000$ RN = .3200														
ALP	CN	CM	CAB	CAP	ALP	CN	CM	CAB	CAP										
0.01	.000	-3.320	.000	.426	0.00	.707	-5.217	.044	.018										
0.00	.001	-2.322	.000	.426	0.00	.664	-4.270	.045	.019										
0.00	.001	-2.322	.000	.426	0.00	.664	-4.270	.045	.019										
2.17	.002	-2.010	.000	.417	2.04	.363	-2.396	.044	.425										
1.75	.220	-1.031	.000	.435	1.82	.270	-1.523	.044	.425										
1.22	.134	-1.031	.000	.427	1.28	.157	-1.032	.044	.425										
.72	.025	-.024	.000	.419	.89	.000	-.052	.044	.417										
.30	.025	-.024	.000	.421	.89	.000	-.052	.044	.417										
-.00	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.10	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.045	.409										
-.13	-.039	.000	.000	.413	-.21	-.080	.178	.											

Table 30. Aerodynamic Coefficients for Configuration BIT8X3

M = 1.75					M = 2.00					M = 2.50					M = 3.00				
ALP	CM	CH	CAB	CAF	ALP	CM	CH	CAB	CAF	ALP	CM	CH	CAB	CAF	ALP	CM	CH	CAB	CAF
0.10	1.182	-0.590	.291	.776	0.01	1.062	-0.560	.304	.695	0.00	.961	-7.174	.135	.553	5.90	.689	-6.342	.102	.499
0.15	1.177	-0.585	.290	.773	0.00	1.057	-0.555	.302	.693	0.00	.956	-6.942	.135	.550	4.90	.727	-5.218	.102	.494
0.20	1.172	-0.580	.289	.770	0.00	1.052	-0.550	.300	.690	0.00	.951	-6.510	.134	.547	3.90	.764	-4.095	.100	.489
0.25	1.167	-0.575	.288	.767	0.00	1.047	-0.545	.298	.687	0.00	.946	-6.077	.133	.544	2.90	.801	-2.976	.097	.484
0.30	1.162	-0.570	.287	.764	0.00	1.042	-0.540	.296	.684	0.00	.941	-5.644	.132	.541	1.90	.838	-1.857	.094	.479
0.35	1.157	-0.565	.286	.761	0.00	1.037	-0.535	.294	.681	0.00	.936	-5.211	.131	.538	0.90	.875	-0.738	.091	.474
0.40	1.152	-0.560	.285	.758	0.00	1.032	-0.530	.292	.678	0.00	.931	-4.778	.130	.535	-0.10	.912	.381	.088	.469
0.45	1.147	-0.555	.284	.755	0.00	1.027	-0.525	.290	.675	0.00	.926	-4.345	.129	.532	-1.10	.949	1.502	.085	.464
0.50	1.142	-0.550	.283	.752	0.00	1.022	-0.520	.288	.672	0.00	.921	-3.912	.128	.529	-2.10	.986	2.623	.082	.459
0.55	1.137	-0.545	.282	.749	0.00	1.017	-0.515	.286	.669	0.00	.916	-3.479	.127	.526	-3.10	.102	3.744	.079	.454
0.60	1.132	-0.540	.281	.746	0.00	1.012	-0.510	.284	.666	0.00	.911	-3.046	.126	.523	-4.10	.139	4.865	.076	.449
0.65	1.127	-0.535	.280	.743	0.00	1.007	-0.505	.282	.663	0.00	.906	-2.613	.125	.520	-5.10	.176	5.986	.073	.444
0.70	1.122	-0.530	.279	.740	0.00	1.002	-0.500	.280	.660	0.00	.901	-2.180	.124	.517	-6.10	.213	7.107	.070	.439
0.75	1.117	-0.525	.278	.737	0.00	0.997	-0.495	.278	.657	0.00	.896	-1.747	.123	.514	-7.10	.250	8.228	.067	.434
0.80	1.112	-0.520	.277	.734	0.00	0.992	-0.490	.276	.654	0.00	.891	-1.314	.122	.511	-8.10	.287	9.349	.064	.429
0.85	1.107	-0.515	.276	.731	0.00	0.987	-0.485	.274	.651	0.00	.886	-0.881	.121	.508	-9.10	.324	10.470	.061	.424
0.90	1.102	-0.510	.275	.728	0.00	0.982	-0.480	.272	.648	0.00	.881	-0.448	.120	.505	-10.10	.361	11.591	.058	.419
0.95	1.097	-0.505	.274	.725	0.00	0.977	-0.475	.270	.645	0.00	.876	-0.015	.119	.502	-11.10	.398	12.712	.055	.414
1.00	1.092	-0.500	.273	.722	0.00	0.972	-0.470	.268	.642	0.00	.871	.418	.118	.499	-12.10	.435	13.833	.052	.409
1.05	1.087	-0.495	.272	.719	0.00	0.967	-0.465	.266	.639	0.00	.866	.851	.117	.496	-13.10	.472	14.954	.049	.404
1.10	1.082	-0.490	.271	.716	0.00	0.962	-0.460	.264	.636	0.00	.861	1.284	.116	.493	-14.10	.509	16.075	.046	.399
1.15	1.077	-0.485	.270	.713	0.00	0.957	-0.455	.262	.633	0.00	.856	1.717	.115	.490	-15.10	.546	17.196	.043	.394
1.20	1.072	-0.480	.269	.710	0.00	0.952	-0.450	.260	.630	0.00	.851	2.150	.114	.487	-16.10	.583	18.317	.040	.389
1.25	1.067	-0.475	.268	.707	0.00	0.947	-0.445	.258	.627	0.00	.846	2.583	.113	.484	-17.10	.620	19.438	.037	.384
1.30	1.062	-0.470	.267	.704	0.00	0.942	-0.440	.256	.624	0.00	.841	3.016	.112	.481	-18.10	.657	20.559	.034	.379
1.35	1.057	-0.465	.266	.701	0.00	0.937	-0.435	.254	.621	0.00	.836	3.449	.111	.478	-19.10	.694	21.680	.031	.374
1.40	1.052	-0.460	.265	.698	0.00	0.932	-0.430	.252	.618	0.00	.831	3.882	.110	.475	-20.10	.731	22.801	.028	.369
1.45	1.047	-0.455	.264	.695	0.00	0.927	-0.425	.250	.615	0.00	.826	4.315	.109	.472	-21.10	.768	23.922	.025	.364
1.50	1.042	-0.450	.263	.692	0.00	0.922	-0.420	.248	.612	0.00	.821	4.748	.108	.469	-22.10	.805	25.043	.022	.359
1.55	1.037	-0.445	.262	.689	0.00	0.917	-0.415	.246	.609	0.00	.816	5.181	.107	.466	-23.10	.842	26.164	.019	.354
1.60	1.032	-0.440	.261	.686	0.00	0.912	-0.410	.244	.606	0.00	.811	5.614	.106	.463	-24.10	.879	27.285	.016	.349
1.65	1.027	-0.435	.260	.683	0.00	0.907	-0.405	.242	.603	0.00	.806	6.047	.105	.460	-25.10	.916	28.406	.013	.344
1.70	1.022	-0.430	.259	.680	0.00	0.902	-0.400	.240	.600	0.00	.801	6.480	.104	.457	-26.10	.953	29.527	.010	.339
1.75	1.017	-0.425	.258	.677	0.00	0.897	-0.395	.238	.597	0.00	.796	6.913	.103	.454	-27.10	.990	30.648	.007	.334
1.80	1.012	-0.420	.257	.674	0.00	0.892	-0.390	.236	.594	0.00	.791	7.346	.102	.451	-28.10	.102	31.769	.004	.329
1.85	1.007	-0.415	.256	.671	0.00	0.887	-0.385	.234	.591	0.00	.786	7.779	.101	.448	-29.10	.139	32.890	.001	.324
1.90	1.002	-0.410	.255	.668	0.00	0.882	-0.380	.232	.588	0.00	.781	8.212	.100	.445	-30.10	.176	34.011	.000	.319
1.95	0.997	-0.405	.254	.665	0.00	0.877	-0.375	.230	.585	0.00	.776	8.645	.099	.442	-31.10	.213	35.132	.000	.314
2.00	0.992	-0.400	.253	.662	0.00	0.872	-0.370	.228	.582	0.00	.771	9.078	.098	.439	-32.10	.250	36.253	.000	.309
2.05	0.987	-0.395	.252	.659	0.00	0.867	-0.365	.226	.579	0.00	.766	9.511	.097	.436	-33.10	.287	37.374	.000	.304
2.10	0.982	-0.390	.251	.656	0.00	0.862	-0.360	.224	.576	0.00	.761	9.944	.096	.433	-34.10	.324	38.495	.000	.299
2.15	0.977	-0.385	.250	.653	0.00	0.857	-0.355	.222	.573	0.00	.756	10.377	.095	.430	-35.10	.361	39.616	.000	.294
2.20	0.972	-0.380	.249	.650	0.00	0.852	-0.350	.220	.570	0.00	.751	10.810	.094	.427	-36.10	.398	40.737	.000	.289
2.25	0.967	-0.375	.248	.647	0.00	0.847	-0.345	.218	.567	0.00	.746	11.243	.093	.424	-37.10	.435	41.858	.000	.284
2.30	0.962	-0.370	.247	.644	0.00	0.842	-0.340	.216	.564	0.00	.741	11.676	.092	.421	-38.10	.472	42.979	.000	.279
2.35	0.957	-0.365	.246	.641	0.00	0.837	-0.335	.214	.561	0.00	.736	12.109	.091	.418	-39.10	.509	44.100	.000	.274
2.40	0.952	-0.360	.245	.638	0.00	0.832	-0.330	.212	.558	0.00	.731	12.542	.090	.415	-40.10	.546	45.221	.000	.269
2.45	0.947	-0.355	.244	.635	0.00	0.827	-0.325	.210	.555	0.00	.726	12.975	.089	.412	-41.10	.583	46.342	.000	.264
2.50	0.942	-0.350	.243	.632	0.00	0.822	-0.320	.208	.552	0.00	.721	13.408	.088	.409	-42.10	.620	47.463	.000	.259
2.55	0.937	-0.345	.242	.629	0.00	0.817	-0.315	.206	.549	0.00	.716	13.841	.087	.406	-43.10	.657	48.584	.000	.254
2.60	0.932	-0.340	.241	.626	0.00	0.812	-0.310	.204	.546	0.00	.711	14.274	.086	.403	-44.10	.694	49.705	.000	.249
2.65	0.927	-0.335	.240	.623	0.00	0.807	-0.305	.202	.543	0.00	.706	14.707	.085	.400	-45.10	.731	50.826	.000	.244
2.70	0.922	-0.330	.239	.620	0.00	0.802	-0.300	.200	.540	0.00	.701	15.140	.084	.397	-46.10	.768	51.947	.000	.239
2.75	0.917	-0.325	.238	.617	0.00	0.797	-0.295	.198	.537	0.00	.696	15.573	.083	.394	-47.10	.805	53.068	.000	.234
2.80	0.912	-0.320	.237	.614	0.00	0.792	-0.290	.196	.534	0.00	.691	16.006	.082	.391	-48.10	.842	54.189	.000	.229
2.85	0.907	-0.315	.236	.611	0.00	0.787	-0.285	.194	.531	0.00	.686	16.439	.081	.388	-49.10	.879	55.310	.000	.224
2.90	0.902	-0.310	.235	.608	0.00	0.782	-0.280	.192	.528	0.00	.681	16.872	.080	.385	-50.10	.916	56.431	.000	.219
2.95	0.897	-0.305	.234	.605	0.00	0.777	-0.275	.190	.525	0.00	.676	17.305	.079	.382	-51.10	.953	57.552	.000	.214
3.00	0.892	-0.300	.233	.602	0.00	0.772	-0.270	.188	.522	0.00	.671	17.738	.078	.379	-52.10	.990	58.673	.000	.209

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M	Q = 2.340			Q = 2.500			Q = 2.650			RN = .3200
	ALP	CN	CAB	ALP	CN	CAB	ALP	CN	CAB	
5.00	.889	-5.808	.067	.395	.588	.659	-5.575	.047	.372	
5.50	.715	-4.679	.048	.371	3.04	.650	-4.488	.047	.358	
6.00	.554	-3.628	.037	.376	3.82	.529	-3.435	.047	.361	
6.50	.401	-2.684	.027	.371	4.62	.379	-2.461	.047	.370	
7.00	.261	-1.764	.017	.376	5.49	.238	-1.565	.046	.368	
7.50	.126	-1.182	.007	.357	6.45	.164	-1.082	.046	.381	
8.00	.000	-.703	.000	.378	.75	.101	-.685	.046	.351	
8.50	.176	-.106	.067	.378	.24	.035	-.236	.046	.369	
9.00	.377	.253	.066	.354	.75	.100	.640	.046	.353	
9.50	.570	.724	.064	.344	1.27	.168	1.092	.046	.353	
10.00	.748	1.176	.067	.367	1.80	.238	1.546	.046	.350	
10.50	.917	1.615	.067	.359	2.30	.332	2.087	.046	.350	
11.00	1.072	2.029	.067	.373	2.82	.449	2.608	.045	.357	
11.50	1.218	2.428	.067	.371	3.39	.599	3.086	.045	.358	
12.00	1.355	2.815	.067	.374	4.03	.781	3.535	.045	.357	

Table 32. Aerodynamic Coefficients for Configuration BLT8SX2

M = 1.75 Q = 6.200 RN = .3600					M = 2.00 Q = 5.650 RN = .3400					M = 2.50 Q = 4.950 RN = .3200					M = 3.00 Q = 4.150 RN = .3100				
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
4.22	1.301	-10.118	.227	.630	6.12	1.217	-9.324	.208	.555	6.07	1.091	-8.007	.165	.489	5.95	.972	-6.861	.108	.436
5.17	1.085	-8.502	.220	.623	5.08	.996	-7.794	.191	.545	5.06	.872	-6.911	.149	.480	4.92	.799	-5.665	.107	.434
4.13	.865	-6.807	.209	.628	2.99	.586	-6.547	.174	.567	2.96	.702	-5.213	.169	.468	3.89	.621	-4.412	.106	.431
1.07	.665	-5.095	.193	.647	1.94	.381	-2.965	.154	.588	1.92	.517	-3.846	.170	.463	2.85	.450	-3.198	.105	.431
2.03	.465	-3.392	.171	.657	1.39	.268	-2.087	.149	.582	1.37	.330	-2.478	.169	.495	1.82	.282	-2.013	.104	.439
1.96	.198	-1.972	.177	.656	.88	.08	-1.077	.149	.582	1.37	.233	-1.738	.169	.491	1.75	.117	-1.840	.103	.435
.43	.089	-.711	.177	.672	.34	.066	-.512	.149	.582	.87	.148	-1.102	.169	.497	.25	.039	-.281	.103	.439
-.10	-.019	1.157	.177	.655	-.15	-.025	1.070	.149	.582	-.17	.029	.221	.169	.490	-.25	-.039	-.281	.103	.429
-.61	-.127	1.006	.177	.663	-.71	-.233	1.807	.150	.592	-.71	.208	1.541	.169	.489	-.78	-.120	.857	.103	.439
-.113	-.237	1.674	.178	.661	-.172	-.335	2.595	.151	.586	-.172	.295	2.192	.170	.485	-.128	-.199	1.421	.103	.436
-.166	-.359	2.769	.178	.662	-.224	-.435	3.369	.152	.590	-.224	.385	2.847	.170	.491	-.182	-.283	2.014	.103	.437
-.219	-.492	3.957	.178	.658	-.327	-.636	4.906	.160	.586	-.328	.561	4.140	.170	.489	-.532	-.522	3.697	.104	.437
-.265	-.641	5.277	.184	.658	-.431	-.848	6.526	.162	.572	-.428	.749	5.520	.171	.487	-.435	-.692	4.898	.105	.442
-.425	-.893	6.596	.190	.659															

M = 4.00 Q = 2.340 RN = .2700					M = 4.50 Q = 2.450 RN = .3200				
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF
5.85	.874	-5.887	.060	.373	5.92	.860	-5.769	.045	.371
4.85	.709	-4.793	.060	.379	4.92	.694	-4.672	.045	.363
3.83	.548	-3.722	.060	.376	3.91	.539	-3.634	.045	.370
2.81	.385	-2.646	.059	.371	2.90	.392	-2.650	.044	.365
1.79	.224	-1.576	.059	.369	1.86	.249	-1.691	.044	.356
1.28	.173	-1.174	.059	.369	1.34	.177	-1.195	.044	.356
.75	.102	-.704	.059	.357	.82	.108	-.785	.045	.347
.25	.035	-.238	.059	.356	.33	.053	-.280	.046	.342
-.27	-.037	.257	.059	.356	-.14	-.082	.435	.046	.344
-.77	-.105	.725	.060	.365	-.71	-.092	1.081	.046	.344
-.127	-.146	1.878	.060	.375	-.121	.159	1.081	.046	.362
-.130	-.319	2.173	.059	.365	-.172	.226	1.533	.045	.346
-.128	-.459	3.080	.058	.362	-.222	.298	2.038	.045	.344
-.430	-.610	4.120	.059	.369	-.322	.442	2.981	.045	.342
					-.423	-.590	3.966	.044	.373

Table 33. Aerodynamic Coefficients for Configuration BLT8SX3

M = 1.75 Q = 6.200 RN = .3600				M = 2.00 Q = 5.850 RN = .3400				M = 2.50 Q = 4.930 RN = .3200				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
5.29	1.139	-10.990	-276	6.06	1.198	-9.599	-204	6.04	1.081	-8.283	-131	5.95	966	-7.030	-101
5.26	1.117	-9.219	-274	5.06	.993	-8.016	-205	5.02	.874	-6.722	-129	4.93	878	-5.789	-101
4.22	.894	-7.468	-282	4.02	.782	-6.334	-206	3.99	.687	-5.306	-127	3.92	.612	-4.520	-099
3.18	.671	-5.575	-287	2.97	.575	-4.670	-205	2.95	.484	-3.900	-124	2.87	.449	-3.316	-097
2.13	.451	-3.732	-284	1.93	.371	-3.022	-204	1.91	.283	-2.400	-124	1.84	.284	-2.104	-095
1.40	.334	-2.270	-286	1.38	.261	-1.942	-203	1.36	.182	-1.101	-124	1.29	.197	-1.451	-094
1.06	.215	-1.475	-287	.98	.164	-1.342	-203	.95	.135	-.660	-124	.79	.120	-.691	-093
.74	.115	-.628	-287	.34	.064	-.522	-202	.35	.040	-.218	-124	.26	.040	-.300	-092
.48	.009	-.071	-287	.15	-.027	-.225	-202	.16	-.028	-.218	-124	.22	-.033	-.230	-092
.28	-.099	.825	-284	.67	-.126	1.024	-202	.69	-.114	.881	-124	.74	-.193	1.431	-093
.04	-.204	1.714	-285	.19	-.225	1.621	-202	.19	-.200	1.941	-124	.17	-.272	2.009	-093
-1.51	-.318	2.463	-285	.71	-.327	2.445	-202	.71	-.297	2.841	-124	.78	-.349	2.580	-093
-2.02	-.428	3.562	-284	.23	-.467	3.601	-201	.23	-.425	3.977	-124	.27	-.506	3.715	-094
-3.06	-.640	5.284	-283	.54	-.631	5.015	-203	.53	-.548	6.188	-124	.58	-.674	6.946	-095
-4.08	-.863	7.111	-281	.28	-.832	6.688	-202	.27	-.731	5.596	-126	.31			
M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3200				M = 4.50 Q = 2.450 RN = .3200				M = 4.50 Q = 2.450 RN = .3200			
ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF	ALP	CM	CN	CAF
5.87	.876	-4.081	-344	5.85	.843	-5.843	-344	5.85	.843	-5.843	-344	5.85	.843	-5.843	-344
4.87	.705	-4.944	-344	4.85	.681	-4.743	-344	4.85	.681	-4.743	-344	4.85	.681	-4.743	-344
3.84	.546	-3.832	-377	3.83	.526	-3.668	-344	3.83	.526	-3.668	-344	3.83	.526	-3.668	-344
2.83	.396	-2.805	-374	2.81	.382	-2.677	-344	2.81	.382	-2.677	-344	2.81	.382	-2.677	-344
1.81	.253	-1.803	-344	1.80	.240	-1.684	-344	1.80	.240	-1.684	-344	1.80	.240	-1.684	-344
1.28	.173	-1.232	-344	1.25	.167	-1.145	-344	1.25	.167	-1.145	-344	1.25	.167	-1.145	-344
.78	.105	-.755	-344	.75	.087	-.693	-344	.75	.087	-.693	-344	.75	.087	-.693	-344
.52	.033	-.514	-344	.24	-.032	-.227	-344	.24	-.032	-.227	-344	.24	-.032	-.227	-344
.24	-.033	-.214	-344	.24	-.031	-.225	-344	.24	-.031	-.225	-344	.24	-.031	-.225	-344
-.74	-.101	-.727	-351	.76	-.100	.708	-344	.76	-.100	.708	-344	.76	-.100	.708	-344
-1.25	-.170	1.204	-354	-1.28	-.168	1.182	-344	-1.28	-.168	1.182	-344	-1.28	-.168	1.182	-344
-1.76	-.240	1.701	-347	-1.79	-.236	1.656	-344	-1.79	-.236	1.656	-344	-1.79	-.236	1.656	-344
-2.26	-.311	2.187	-358	-2.27	-.303	2.117	-344	-2.27	-.303	2.117	-344	-2.27	-.303	2.117	-344
-3.26	-.451	3.156	-357	-3.28	-.442	3.048	-344	-3.28	-.442	3.048	-344	-3.28	-.442	3.048	-344
-4.27	-.608	4.189	-361	-4.28	-.598	4.074	-344	-4.28	-.598	4.074	-344	-4.28	-.598	4.074	-344

Table 34. Aerodynamic Coefficients for Configuration BLT10X1

M = 1.75				M = 2.00				M = 2.50				M = 3.00				M = 3.50			
ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF
6.74	1.500	-11.903	.191	6.72	1.432	-10.537	.221	6.14	1.350	-9.800	.143	6.03	1.237	-8.828	.097	5.00	1.023	-7.334	.556
9.20	1.298	-8.413	.187	9.18	1.219	-7.732	.218	5.11	1.110	-8.105	.139	5.00	1.023	-7.334	.095	3.97	.803	-5.786	.553
6.15	1.018	-7.690	.184	6.10	.919	-6.732	.211	4.06	.874	-6.402	.135	3.97	.803	-5.786	.088	2.92	.591	-4.271	.559
3.07	.748	-5.651	.186	3.04	.673	-4.944	.224	1.95	.419	-3.710	.130	1.83	.287	-3.141	.087	1.33	.207	-1.936	.567
2.00	.683	-3.662	.186	1.97	.633	-3.209	.221	1.39	.296	-2.131	.128	1.33	.207	-1.936	.085	.82	.162	-1.173	.567
1.44	.344	-2.608	.185	1.41	.307	-2.263	.223	.87	.187	-1.373	.129	.82	.162	-1.173	.084	.29	.042	-.444	.560
.93	.221	-1.649	.183	.89	.196	-1.444	.223	.34	.074	-.560	.129	.29	.042	-.444	.084	.22	.043	.314	.555
.38	.084	-.711	.182	.36	.079	-.583	.223	-.16	-.035	.265	.129	.22	.043	.314	.084	-.74	-.150	1.085	.563
-.38	-.084	.711	.182	-.36	-.079	.583	.223	-.70	-.149	1.100	.129	-.74	-.150	1.085	.084	-.125	-.253	1.828	.560
-.68	-.144	1.237	.183	-.71	-.156	1.166	.224	-.122	-.262	1.917	.129	-.125	-.253	1.828	.084	-.177	-.356	2.570	.562
-.19	-.287	2.143	.183	-.122	-.270	1.988	.224	-.172	-.348	2.699	.129	-.177	-.356	2.570	.084	-.330	-.643	4.272	.562
-.174	-.416	3.136	.183	-.174	-.390	2.866	.224	-.326	-.702	5.113	.133	-.330	-.643	4.272	.084	-.434	-.880	6.322	.565
-.226	-.545	4.117	.182	-.226	-.505	3.718	.225	-.433	-.932	6.781	.136	-.434	-.880	6.322	.087				
-.231	-.599	5.006	.182	-.231	-.539	4.428	.226												
-.336	-.1.067	8.027	.182	-.336	-.987	7.260	.224												

M = 4.00				M = 4.50				M = 5.00				M = 5.50				M = 6.00			
ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF	ALP	CM	CA	CAF
3.84	1.043	-7.106	.051	3.84	.995	-6.749	.039	3.84	.905	-6.502	.039	3.84	.805	-6.253	.039	3.84	.705	-6.000	.039
3.84	.880	-6.547	.051	3.84	.830	-6.293	.039	3.84	.730	-6.040	.039	3.84	.630	-5.787	.039	3.84	.530	-5.534	.039
2.81	.674	-5.277	.051	2.82	.655	-5.106	.039	2.82	.635	-4.919	.039	2.82	.615	-4.732	.039	2.82	.595	-4.545	.039
1.80	.501	-4.089	.051	1.80	.480	-3.902	.039	1.80	.460	-3.715	.039	1.80	.440	-3.528	.039	1.80	.420	-3.341	.039
1.74	.404	-3.485	.051	1.74	.384	-3.297	.039	1.74	.364	-3.110	.039	1.74	.344	-2.923	.039	1.74	.324	-2.736	.039
.72	.201	-2.298	.051	.72	.181	-2.111	.039	.72	.161	-1.924	.039	.72	.141	-1.737	.039	.72	.121	-1.550	.039
-.27	-.048	-.340	.052	-.27	-.028	-.340	.052	-.27	-.008	-.340	.052	-.27	.012	-.340	.052	-.27	.032	-.340	.052
-.179	-.134	.940	.052	-.179	-.114	.940	.052	-.179	-.094	.940	.052	-.179	-.074	.940	.052	-.179	-.054	.940	.052
-.130	-.221	1.543	.052	-.130	-.201	1.543	.052	-.130	-.181	1.543	.052	-.130	-.161	1.543	.052	-.130	-.141	1.543	.052
-.179	-.303	2.094	.052	-.179	-.283	2.094	.052	-.179	-.263	2.094	.052	-.179	-.243	2.094	.052	-.179	-.223	2.094	.052
-.231	-.385	2.645	.052	-.231	-.365	2.645	.052	-.231	-.345	2.645	.052	-.231	-.325	2.645	.052	-.231	-.305	2.645	.052
-.281	-.467	3.196	.051	-.281	-.447	3.196	.051	-.281	-.427	3.196	.051	-.281	-.407	3.196	.051	-.281	-.387	3.196	.051
-.337	-.549	3.747	.051	-.337	-.529	3.747	.051	-.337	-.509	3.747	.051	-.337	-.489	3.747	.051	-.337	-.469	3.747	.051

M = 1.75 Q = 4.130 RN = .3100				M = 2.00 Q = 5.690 RN = .3400				M = 2.25 Q = 7.240 RN = .3700				M = 2.50 Q = 8.790 RN = .3900				M = 3.00 Q = 11.340 RN = .4100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
.026	1.663	-13.906	-267	.612	1.553	-12.400	-184	.607	1.423	-11.100	-120	.599	1.250	-9.364	-105	.555			
.026	1.176	-11.132	-239	.507	1.268	-10.350	-171	.504	1.182	-7.283	-107	.504	1.027	-7.768	-104	.554			
.026	.617	-8.219	-211	.402	1.019	-8.219	-160	.400	.680	-5.377	-101	.401	.305	-6.154	-98	.554			
.026	.312	-6.318	-229	.296	.683	-5.915	-155	.296	.480	-3.443	-103	.297	.289	-4.537	-98	.561			
.026	.006	-4.275	-222	.184	.399	-2.733	-154	.184	.186	-2.464	-104	.184	.167	-3.94	-97	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			
.026	.006	-2.275	-222	.136	.339	-2.733	-154	.136	.136	-2.464	-104	.136	.134	-2.945	-98	.569			

M = 4.00		Q = 2.500		R = .7500		M = 4.50		Q = 2.450		R = .8200	
ALP.	CM	CAB	CAF	ALP.	CM	CAB	CAF	ALP.	CM	CAB	CAF
5.90	1.059	-7.578	.958	5.92	1.001	-7.077	.948	5.97	1.011	-7.077	.948
6.09	.863	-6.226	.757	6.09	.813	-5.792	.747	6.09	.813	-5.792	.747
6.27	.677	-4.899	.564	6.27	.639	-4.557	.548	6.27	.639	-4.557	.548
6.45	.507	-3.599	.375	6.45	.464	-3.331	.368	6.45	.464	-3.331	.368
6.63	.357	-2.322	.206	6.63	1.02	-2.066	.204	6.63	1.02	-2.066	.204
6.81	.220	-1.075	.081	6.81	1.59	-1.044	.084	6.81	1.59	-1.044	.084
6.99	.100	.137	-1.008	.062	.78	.125	-.915	.048	.78	.125	-.915
7.17	.027	.337	-1.358	.043	.46	-.043	-.823	.048	.46	-.043	-.823
7.35	.000	.638	-.044	.043	.25	-.252	-.696	.048	.25	-.252	-.696
7.53	.000	.950	.044	.043	.16	-.162	-.532	.048	.16	-.162	-.532
7.71	.000	1.271	.044	.043	.10	-.102	-.364	.048	.10	-.102	-.364
7.89	.000	1.596	.045	.046	.06	-.062	-.206	.048	.06	-.062	-.206
8.07	.000	1.922	.045	.046	.03	-.031	-.047	.048	.03	-.031	-.047
8.25	.000	2.249	.045	.046	.02	-.027	.000	.048	.02	-.027	.000
8.43	.000	2.575	.045	.046	.01	-.013	.000	.048	.01	-.013	.000
8.61	.000	2.901	.046	.046	.01	-.013	.000	.048	.01	-.013	.000
8.79	.000	3.227	.046	.046	.01	-.013	.000	.048	.01	-.013	.000
8.97	.000	3.553	.046	.046	.01	-.013	.000	.048	.01	-.013	.000
9.15	.000	3.879	.046	.046	.01	-.013	.000	.048	.01	-.013	.000
9.33	.000	4.205	.046	.046	.01	-.013	.000	.048	.01	-.013	.000
9.51	.000	4.531	.046	.046	.01	-.013	.000	.048	.01	-.013	.000
9.69	.000	4.857	.046	.046	.01	-.013	.000	.048	.01	-.013	.000
9.87	.000	5.183	.046	.046	.01	-.013	.000	.048	.01	-.013	.000
10.05	.000	5.509	.046	.046	.01	-.013	.000	.048	.01	-.013	.000

M = 4.00		Q = 2.500		R = .7500		M = 4.50		Q = 2.450		R = .8200	
ALP.	CM	CAB	CAF	ALP.	CM	CAB	CAF	ALP.	CM	CAB	CAF
5.90	1.059	-7.578	.958	5.92	1.001	-7.077	.948	5.97	1.011	-7.077	.948
6.09	.863	-6.226	.757	6.09	.813	-5.792	.747	6.09	.813	-5.792	.747
6.27	.677	-4.899	.564	6.27	.639	-4.557	.558	6.27	.639	-4.557	.558
6.45	.507	-3.600	.375	6.45	.464	-3.331	.368	6.45	.464	-3.331	.368
6.63	.357	-2.332	.246	6.63	1.02	-2.066	.240	6.63	1.02	-2.066	.240
6.81	.220	-1.100	.141	6.81	1.59	-1.444	.134	6.81	1.59	-1.444	.134
6.99	.100	-.338	.062	6.99	.78	-.125	.046	6.99	.78	-.125	.046
7.17	.037	-.108	.023	7.17	.42	-.043	.017	7.17	.42	-.043	.017
7.35	.017	-.359	.043	7.35	.25	-.223	.032	7.35	.25	-.223	.032
7.53	.010	-.130	.044	7.53	.15	-.102	.019	7.53	.15	-.102	.019
7.71	.006	.950	.044	7.71	.10	-.202	.046	7.71	.10	-.202	.046
7.89	-.174	1.596	.045	7.89	-.126	1.999	.046	7.89	-.126	1.999	.046
8.07	1.123	2.136	.045	8.07	1.76	2.768	.046	8.07	1.76	2.768	.046
8.25	2.268	2.132	.045	8.25	2.27	3.364	.046	8.25	2.27	3.364	.046
8.43	2.225	2.983	.045	8.43	3.27	5.311	.047	8.43	3.27	5.311	.047
8.61	2.249	2.019	.045	8.61	4.28	4.709	.047	8.61	4.28	4.709	.047
8.79	2.272	1.739	.046	8.79	5.31	5.321	.046	8.79	5.31	5.321	.046

Table 36. Aerodynamic Coefficients for Configuration BLT10X3

M = 1.75 Q = 4.200 RN = .3400				M = 2.00 Q = 5.450 RN = .3400				M = 2.50 Q = 6.930 RN = .3200				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
9.24	1.400	-15.202	.171	9.04	1.408	-13.594	.137	9.99	1.406	-11.440	.110	5.96	1.251	-9.824	.107
5.21	1.501	-13.005	.163	5.01	1.328	-11.302	.125	3.95	.009	-7.501	.105	4.94	1.031	-8.413	.107
3.17	1.197	-10.399	.155	3.48	1.044	-8.537	.122	2.90	.004	-5.495	.102	3.92	.593	-4.735	.105
3.12	.887	-7.723	.149	3.42	.748	-6.234	.122	1.88	.027	-3.244	.101	1.85	.380	-3.054	.103
2.08	.588	-5.161	.143	1.86	.493	-4.234	.121	1.33	.296	-2.444	.101	1.29	.263	-2.105	.102
1.53	.312	-2.487	.136	1.33	.344	-2.949	.119	1.00	.049	-1.573	.099	.77	.159	-1.200	.100
1.49	.149	-1.120	.139	.84	.216	-1.653	.119	.31	.049	-.573	.099	.27	.055	-.445	.100
.003	.008	.074	.140	.30	.079	-1.681	.119	.20	.047	.389	.100	.23	.045	-.745	.100
.56	.159	1.386	.142	.20	.053	.456	.120	.74	-.168	1.389	.101	.74	-.042	1.210	.099
.106	.102	2.631	.146	.74	.192	1.975	.122	.74	-.168	1.389	.101	.74	-.042	1.210	.099
.159	.102	3.926	.147	.147	.244	3.945	.126	.124	-.282	2.329	.102	.124	-.259	2.699	.099
.410	.259	7.635	.153	.330	.597	5.103	.128	.228	-.516	4.283	.102	.229	-.470	3.747	.099
.3.12	-1.180	10.287	.140	.4.34	-1.137	9.653	.131	.3.28	-.583	8.048	.105	.3.29	-.671	5.330	.101
M = 4.00 Q = 2.340 RN = .2500				M = 4.50 Q = 2.450 RN = .3200											
ALP	CN	CM	CAF	ALP	CN	CM	CAF								
5.88	1.055	-7.464	.045	5.93	1.020	-7.509	.050								
4.88	.872	-6.556	.045	4.89	.823	-6.114	.050								
3.87	.687	-5.170	.046	3.86	.623	-4.844	.050								
2.88	.487	-3.780	.046	2.86	.475	-3.574	.049								
1.88	.288	-2.395	.046	1.85	.298	-2.260	.049								
.79	.113	-1.041	.046	1.31	.209	-1.571	.049								
.79	.119	-1.050	.046	.81	.128	-.971	.049								
.29	.050	-.384	.047	.29	.048	-.362	.049								
.21	.038	.299	.047	.20	.034	.289	.049								
.22	.123	.847	.047	.72	.138	.849	.049								
.127	.208	1.548	.047	.172	.192	1.437	.049								
.175	.291	2.565	.047	.173	.278	2.077	.049								
.124	.291	4.239	.047	.2.23	-.340	2.695	.049								
.2.26	-.745	5.805	.047	.4.25	-.703	5.206	.049								

Table 37. Aerodynamic Coefficients for Configuration BlT11X1

M	Q = 0.200				Q = 0.400				Q = 0.600				Q = 0.800				Q = 1.000				Q = 1.200				Q = 1.400				Q = 1.600				Q = 1.800				Q = 2.000				Q = 2.200				Q = 2.400				Q = 2.600				Q = 2.800				Q = 3.000				Q = 3.200				Q = 3.400				Q = 3.600				Q = 3.800				Q = 4.000				Q = 4.200				Q = 4.400				Q = 4.600				Q = 4.800				Q = 5.000				Q = 5.200				Q = 5.400				Q = 5.600				Q = 5.800				Q = 6.000				Q = 6.200				Q = 6.400				Q = 6.600				Q = 6.800				Q = 7.000				Q = 7.200				Q = 7.400				Q = 7.600				Q = 7.800				Q = 8.000				Q = 8.200				Q = 8.400				Q = 8.600				Q = 8.800				Q = 9.000				Q = 9.200				Q = 9.400				Q = 9.600				Q = 9.800				Q = 10.000				Q = 10.200				Q = 10.400				Q = 10.600				Q = 10.800				Q = 11.000				Q = 11.200				Q = 11.400				Q = 11.600				Q = 11.800				Q = 12.000				Q = 12.200				Q = 12.400				Q = 12.600				Q = 12.800				Q = 13.000				Q = 13.200				Q = 13.400				Q = 13.600				Q = 13.800				Q = 14.000				Q = 14.200				Q = 14.400				Q = 14.600				Q = 14.800				Q = 15.000				Q = 15.200				Q = 15.400				Q = 15.600				Q = 15.800				Q = 16.000				Q = 16.200				Q = 16.400				Q = 16.600				Q = 16.800				Q = 17.000				Q = 17.200				Q = 17.400				Q = 17.600				Q = 17.800				Q = 18.000				Q = 18.200				Q = 18.400				Q = 18.600				Q = 18.800				Q = 19.000				Q = 19.200				Q = 19.400				Q = 19.600				Q = 19.800				Q = 20.000				Q = 20.200				Q = 20.400				Q = 20.600				Q = 20.800				Q = 21.000				Q = 21.200				Q = 21.400				Q = 21.600				Q = 21.800				Q = 22.000				Q = 22.200				Q = 22.400				Q = 22.600				Q = 22.800				Q = 23.000				Q = 23.200				Q = 23.400				Q = 23.600				Q = 23.800				Q = 24.000				Q = 24.200				Q = 24.400				Q = 24.600				Q = 24.800				Q = 25.000				Q = 25.200				Q = 25.400				Q = 25.600				Q = 25.800				Q = 26.000				Q = 26.200				Q = 26.400				Q = 26.600				Q = 26.800				Q = 27.000				Q = 27.200				Q = 27.400				Q = 27.600				Q = 27.800				Q = 28.000				Q = 28.200				Q = 28.400				Q = 28.600				Q = 28.800				Q = 29.000				Q = 29.200				Q = 29.400				Q = 29.600				Q = 29.800				Q = 30.000				Q = 30.200				Q = 30.400				Q = 30.600				Q = 30.800				Q = 31.000				Q = 31.200				Q = 31.400				Q = 31.600				Q = 31.800				Q = 32.000				Q = 32.200				Q = 32.400				Q = 32.600				Q = 32.800				Q = 33.000				Q = 33.200				Q = 33.400				Q = 33.600				Q = 33.800				Q = 34.000				Q = 34.200				Q = 34.400				Q = 34.600				Q = 34.800				Q = 35.000				Q = 35.200				Q = 35.400				Q = 35.600				Q = 35.800				Q = 36.000				Q = 36.200				Q = 36.400				Q = 36.600				Q = 36.800				Q = 37.000				Q = 37.200				Q = 37.400				Q = 37.600				Q = 37.800				Q = 38.000				Q = 38.200				Q = 38.400				Q = 38.600				Q = 38.800				Q = 39.000				Q = 39.200				Q = 39.400				Q = 39.600				Q = 39.800				Q = 40.000				Q = 40.200				Q = 40.400				Q = 40.600				Q = 40.800				Q = 41.000				Q = 41.200				Q = 41.400				Q = 41.600				Q = 41.800				Q = 42.000				Q = 42.200				Q = 42.400				Q = 42.600				Q = 42.800				Q = 43.000				Q = 43.200				Q = 43.400				Q = 43.600				Q = 43.800				Q = 44.000				Q = 44.200				Q = 44.400				Q = 44.600				Q = 44.800				Q = 45.000				Q = 45.200				Q = 45.400				Q = 45.600				Q = 45.800				Q = 46.000				Q = 46.200				Q = 46.400				Q = 46.600				Q = 46.800				Q = 47.000				Q = 47.200				Q = 47.400				Q = 47.600				Q = 47.800				Q = 48.000				Q = 48.200				Q = 48.400				Q = 48.600				Q = 48.800				Q = 49.000				Q = 49.200				Q = 49.400				Q = 49.600				Q = 49.800				Q = 50.000				Q = 50.200				Q = 50.400				Q = 50.600				Q = 50.800				Q = 51.000				Q = 51.200				Q = 51.400				Q = 51.600				Q = 51.800				Q = 52.000				Q = 52.200				Q = 52.400				Q = 52.600				Q = 52.800				Q = 53.000				Q = 53.200				Q = 53.400				Q = 53.600				Q = 53.800				Q = 54.000				Q = 54.200				Q = 54.400				Q = 54.600				Q = 54.800				Q = 55.000				Q = 55.200				Q = 55.400				Q = 55.600				Q = 55.800				Q = 56.000				Q = 56.200				Q = 56.400				Q = 56.600				Q = 56.800				Q = 57.000				Q = 57.200				Q = 57.400				Q = 57.600				Q = 57.800				Q = 58.000				Q = 58.200				Q = 58.400				Q = 58.600				Q = 58.800				Q = 59.000				Q = 59.200				Q = 59.400				Q = 59.600				Q = 59.800				Q = 60.000				Q = 60.200				Q = 60.400				Q = 60.600				Q = 60.800				Q = 61.000				Q = 61.200				Q = 61.400				Q = 61.600				Q = 61.800				Q = 62.000				Q = 62.200				Q = 62.400				Q = 62.600				Q = 62.800				Q = 63.000				Q = 63.200				Q = 63.400				Q = 63.600				Q = 63.800				Q = 64.000				Q = 64.200				Q = 64.400				Q = 64.600				Q = 64.800				Q = 65.000				Q = 65.200				Q = 65.400				Q = 65.600				Q = 65.800				Q = 66.000				Q = 66.200				Q = 66.400				Q = 66.600				Q = 66.800				Q = 67.000				Q = 67.200				Q = 67.400				Q = 67.600				Q = 67.800				Q = 68.000				Q = 68.200				Q = 68.400				Q = 68.600				Q = 68.800				Q = 69.000				Q = 69.200				Q = 69.400				Q = 69.600				Q = 69.800				Q = 70.000				Q = 70.200				Q = 70.400				Q = 70.600				Q = 70.800				Q = 71.000				Q = 71.200				Q = 71.400				Q = 71.600				Q = 71.800				Q = 72.000				Q = 72.200				Q = 72.400				Q = 72.600				Q = 72.800				Q = 73.000				Q = 73.200				Q = 73.400				Q = 73.600				Q = 73.800				Q = 74.000				Q = 74.200				Q = 74.400				Q = 74.600				Q = 74.800				Q = 75.000				Q = 75.200				Q = 75.400				Q = 75.600				Q = 75.800				Q = 76.000				Q = 76.200				Q = 76.400				Q = 76.600				Q = 76.800				Q = 77.000				Q = 77.200				Q = 77.400				Q = 77.600				Q = 77.800				Q = 78.000				Q = 78.200				Q = 78.400				Q = 78.600				Q = 78.800				Q = 79.000				Q = 79.200				Q = 79.400				Q = 79.600				Q = 79.800				Q = 80.000				Q = 80.200				Q = 80.400				Q = 80.600				Q = 80.800				Q = 81.000				Q = 81.200				Q = 81.400				Q = 81.600				Q = 81.800				Q = 82.000				Q = 82.200				Q = 82.400				Q = 82.600				Q = 82.800				Q = 83.000				Q = 83.200				Q = 83.400				Q = 83.600				Q = 83.800				Q = 84.000				Q = 84.200				Q = 84.400				Q = 84.600				Q = 84.800				Q = 85.000				Q = 85.200				Q = 85.400				Q = 85.600				Q = 85.800				Q = 86.000				Q = 86.200				Q = 86.400				Q = 86.600				Q = 86.800				Q = 87.000				Q = 87.200				Q = 87.400				Q = 87.600				Q = 87.800				Q = 88.000				Q = 88.200				Q = 88.400				Q = 88.600				Q = 88.800				Q = 89.000				Q = 89.200				Q = 89.400				Q = 89.600				Q = 89.800				Q = 90.000				Q = 90.200				Q = 90.400				Q = 90.600				Q = 90.800				Q = 91.000				Q = 91.200				Q = 91.400				Q = 91.600				Q = 91.800				Q = 92.000				Q = 92.200				Q = 92.400				Q = 92.600				Q = 92.800				Q = 93.000				Q = 93.200				Q = 93.400				Q = 93.600				Q = 93.800				Q = 94.000				Q = 94.200				Q = 94.400				Q = 94.600				Q = 94.800				Q = 95.000				Q = 95.200				Q = 95.400				Q = 95.600				Q = 95.800				Q = 96.000				Q = 96.200				Q = 96.400				Q = 96.600				Q = 96.800				Q = 97.000				Q = 97.200				Q = 97.400				Q = 97.600				Q = 97.800				Q = 98.000				Q = 98.200				Q = 98.400				Q = 98.600				Q = 98.800				Q = 99.000				Q = 99.200				Q = 99.400				Q = 99.600				Q = 99.800				Q = 100.000				Q = 100.200				Q = 100.400				Q = 100.600				Q = 100.800				Q = 101.000				Q = 101.200				Q = 101.400				Q = 101.600				Q = 101.800				Q = 102.000				Q = 102.200				Q = 102.400				Q = 102.600				Q = 102.800				Q = 103.000				Q = 103.200				Q = 103.400				Q = 103.600				Q = 103.800				Q = 104.000				Q = 104.200				Q = 104.400				Q = 104.600				Q = 104.800				Q = 105.000				Q = 105.200				Q = 105.400				Q = 105.600				Q = 105.800				Q = 106.000				Q = 106.200				Q = 106.400				Q = 106.600				Q = 106.800				Q = 107.000				Q = 107.200				Q = 107.400				Q = 107.600				Q = 107.800				Q = 108.000				Q = 108.200				Q = 108.400				Q = 108.600				Q = 108.800				Q = 109.000				Q = 109.200				Q = 109.400				Q = 109.600				Q = 109.800				Q = 110.000				Q = 110.200				Q = 110.400				Q = 110.600				Q = 110.800				Q = 111.000				Q = 111.200				Q = 111.400				Q = 111.600				Q = 111.800				Q = 112.000				Q = 112.200				Q = 112.400				Q = 112.600				Q = 112.800				Q = 113.000				Q = 113.200				Q = 113.400				Q = 113.600				Q = 113.800				Q = 114.000				Q = 114.200				Q = 114.400				Q = 114.600				Q = 114.800				Q = 115.000				Q = 115.200				Q = 115.400				Q = 115.600				Q = 115.800				Q = 116.000				Q = 116.200				Q = 116.400				Q = 116.600				Q = 116.800				Q = 117.000				Q = 117.200				Q = 117.400				Q = 117.600				Q = 117.800				Q = 118.000				Q = 118.200				Q = 118.400				Q = 118.600				Q = 118.800				Q = 119.000				Q = 119.200				Q = 119.400				Q = 119.600				Q = 119.800				Q = 120.000				Q = 120.200				Q = 120.400				Q = 120.600				Q = 120.800				Q = 121.000				Q = 121.200				Q = 121.400				Q = 121.600				Q = 121.800				Q = 122.000				Q = 122.200				Q = 122.400				Q = 122.600				Q = 122.800				Q = 123.000				Q = 123.200				Q = 123.400				Q = 123.600				Q = 123.800				Q = 124.000				Q = 124.200				Q = 124.400				Q = 124.600				Q = 124.800				Q = 125.000				Q = 125.200				Q = 125.400				Q = 125.600				Q = 125.800				Q = 126.000				Q = 126.200				Q = 126.400				Q = 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139.800				Q = 140.000				Q = 140.200				Q = 140.400				Q = 140.600				Q = 140.800				Q = 141.000				Q = 141.200				Q = 141.400				Q = 141.600				Q = 141.800				Q = 142.000				Q = 142.200				Q = 142.400				Q = 142.600				Q = 142.800				Q = 143.000				Q = 143.200				Q = 143.400				Q = 143.600			
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Table 38. Aerodynamic Coefficients for Configuration BLT11X2

M = 1.75 Q = 0.200 RN = .3400				M = 2.00 Q = 5.050 RN = .3400				M = 2.50 Q = 4.970 RN = .3200				M = 3.00 Q = 4.190 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
6.13	1.267	-0.034	.969	5.92	1.121	-0.072	.131	5.99	1.016	-7.443	.115	5.90	.908	-4.334	.104
5.11	1.026	-0.185	.173	4.86	.913	-7.095	.147	4.96	.830	-6.134	.112	4.88	.739	-5.196	.105
4.08	.811	-0.577	.176	3.85	.706	-5.466	.142	3.92	.645	-4.787	.109	3.85	.576	-4.077	.104
3.02	.597	-0.776	.172	2.80	.510	-3.944	.139	2.88	.473	-3.523	.108	2.81	.421	-2.987	.102
1.98	.382	-1.175	.166	1.75	.321	-2.523	.137	1.84	.300	-2.254	.106	1.78	.265	-1.891	.100
1.02	.262	-1.593	.163	1.23	.221	-1.724	.136	1.30	.208	-1.534	.103	1.24	.182	-1.275	.100
.92	.181	-1.931	.163	.71	.128	-1.066	.134	.78	.142	-1.318	.107	.74	.103	-1.036	.100
.59	.080	-0.640	.165	.17	.032	-.268	.135	.23	.042	-.318	.108	.28	.033	-.240	.100
.11	-.023	.194	.165	-.33	-.057	1.225	.136	-.23	-.037	.931	.109	-.28	-.041	.207	.100
.03	-.126	1.033	.167	-.14	-.057	1.949	.138	-.127	-.124	.125	.109	-.81	-.118	.846	.099
-1.18	-.230	1.039	.170	-1.39	-.250	2.688	.140	-1.27	-.205	1.525	.110	-1.31	-.193	1.379	.100
-1.69	-.336	1.041	.176	-1.91	-.345	3.408	.142	-1.80	-.291	2.187	.111	-1.84	-.273	1.940	.100
-2.01	-.436	1.043	.181	-2.43	-.440	3.427	.142	-2.32	-.374	2.779	.111	-2.35	-.348	2.472	.100
-2.21	-.536	1.044	.177	-3.43	-.621	4.814	.144	-3.32	-.537	3.765	.111	-3.35	-.495	3.464	.100
-2.27	-.644	1.045	.175	-4.47	-.817	6.324	.144	-4.34	-.711	5.243	.111	-4.38	-.652	4.384	.101

M = 4.00 Q = 2.340 RN = .2900				M = 4.50 Q = 2.450 RN = .3200			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
5.92	.811	-5.364	.063	5.84	.792	-5.780	.049
4.82	.653	-6.346	.063	4.80	.680	-6.160	.039
3.79	.510	-7.404	.065	3.80	.569	-7.233	.049
2.77	.385	-8.527	.065	2.78	.459	-8.353	.049
1.76	.269	-9.724	.064	1.78	.349	-9.437	.049
1.23	.159	-1.035	.064	1.23	.210	-1.437	.049
.73	.095	-0.559	.065	.73	.089	-1.004	.049
.21	.029	-.204	.065	.23	.029	-.599	.049
-.30	-.039	.273	.065	-.28	-.034	.208	.049
-.81	-.105	.717	.064	-.28	-.034	.649	.049
-1.30	-.168	1.144	.064	-.131	-.181	1.090	.049
-1.83	-.236	1.544	.064	-1.82	-.224	1.504	.049
-2.31	-.311	1.932	.064	-2.33	-.291	1.947	.049
-2.76	-.384	2.306	.064	-3.31	-.421	2.804	.049
-3.13	-.456	2.676	.064	-4.32	-.556	3.682	.049

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Table 40. Aerodynamic Coefficients for Configuration B1T12X1

M = .80 Q = 5.700				M = .90 Q = 6.520				M = .95 Q = 6.750				M = 1.00 Q = 7.090			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.24	-2.50	1.159	.497	-4.27	-2.70	1.362	.101	-4.28	-.285	1.492	.108	-4.28	-.273	1.405	.171
-5.14	-2.15	1.152	.517	-3.18	-.172	.785	.099	-3.20	-.186	.894	.102	-3.21	-.184	.918	.169
-2.11	-1.75	.653	.518	-2.11	-.083	.270	.096	-2.12	-.095	.371	.102	-2.13	-.106	.483	.169
-1.04	-.049	.248	.529	-1.04	-.028	.063	.092	-1.05	-.042	.202	.101	-1.05	-.036	.150	.167
.57	-.041	-.299	.530	.02	.002	-.103	.088	.03	.010	.034	.101	.03	.022	-.065	.165
1.08	.121	-.127	.522	1.10	.065	-.156	.085	1.10	.044	-.153	.103	1.11	.049	-.180	.166
1.22	.271	-.127	.547	2.17	.158	-.407	.085	2.18	.144	-.386	.102	2.19	.169	-.502	.169
3.22	.277	-.127	.547	4.53	.330	-.159	.092	4.57	.442	-.157	.108	4.57	.377	-.156	.187
6.46	.556	-.2427	.485	6.50	.584	-.2547	.102	6.54	.556	-.3.034	.117	6.56	.514	-.2.626	.181
M = 1.05 Q = 7.440				M = 1.10 Q = 7.700				M = 1.30 Q = 8.400				M = 1.50 Q = 8.560			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-6.31	-.272	1.356	.587	-6.33	-.274	1.349	.205	-6.37	-.267	1.259	.172	-6.44	-.337	1.718	.158
-3.23	-.186	.637	.600	-3.24	-.197	.940	.202	-3.26	-.185	.651	.165	-3.32	-.246	1.250	.150
-2.14	-.114	.279	.194	-2.15	-.118	.566	.200	-2.15	-.108	.491	.160	-2.21	-.158	.806	.145
-1.06	-.057	.227	.199	-1.06	-.049	.231	.198	-1.05	-.036	.165	.158	-1.09	-.074	.401	.143
.01	.005	-.372	.611	.03	.024	-.130	.198	.05	.033	-.143	.157	.02	.004	.033	.141
1.01	.095	-.372	.611	1.12	.097	-.471	.198	1.15	.104	-.461	.160	1.13	.085	-.340	.144
3.20	.158	-.217	.608	3.20	.158	-.217	.608	3.26	.162	-.482	.173	3.25	.169	-.752	.150
6.38	.320	-.1545	.205	6.40	.325	-.1542	.204	6.48	.350	-.1.651	.187	6.37	.282	-.1.225	.161
6.37	.502	-.2.331	.588	6.40	.503	-.2.447	.214	6.73	.554	-.2.730	.197	6.78	.590	-.1.852	.187
				.03	.030	-.1.160	.198	.05	.036	-.1.171	.158	.02	.007	.016	.142
M = 1.75 Q = 8.700				M = 2.00 Q = 9.850				M = 2.50 Q = 4.930				M = 3.00 Q = 4.130			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
6.96	.770	-.3.465	.218	6.86	.755	-.3.483	.176	6.74	.775	-.3.445	.140	6.52	.790	-.3.784	.111
7.85	.666	-.3.212	.209	7.75	.632	-.3.059	.174	7.64	.637	-.2.955	.141	7.42	.640	-.2.975	.111
6.76	.535	-.2.641	.231	6.64	.520	-.2.497	.166	6.53	.519	-.2.371	.139	6.33	.515	-.2.343	.110
5.84	.436	-.2.136	.195	5.73	.422	-.2.016	.183	5.45	.417	-.1.885	.136	5.25	.407	-.1.818	.109
3.95	.255	-.1.277	.184	3.84	.245	-.1.345	.187	3.73	.238	-.1.456	.132	3.19	.223	-.1.002	.106
2.76	.171	-.829	.179	2.65	.162	-.749	.180	2.53	.158	-.1.099	.129	2.06	.149	-.652	.105
1.80	.128	-.603	.176	1.72	.122	-.544	.147	1.67	.118	-.510	.123	1.51	.108	-.481	.104
1.24	.091	-.439	.173	1.18	.084	-.390	.144	1.13	.078	-.344	.121	.98	.070	-.312	.102
.72	.053	-.235	.171	.64	.045	-.211	.142	.60	.041	-.178	.120	.45	.031	-.141	.102
.17	.011	-.054	.169	.10	.008	-.041	.141	.07	.004	-.020	.119	.07	-.004	.018	.101
-.36	-.025	.122	.166	-.43	-.031	.142	.141	-.47	-.032	.136	.119	-.40	-.042	.187	.101
-.89	-.046	.319	.160	-.96	-.070	.228	.141	-1.00	-.070	.309	.119	-.80	-.042	.187	.101
-.194	-.144	.708	.174	-.261	-.145	.474	.144	-1.53	-.109	.480	.120	-1.12	-.092	.295	.101
-.311	-.232	1.130	.179	-.315	-.227	1.069	.144	-2.01	-.169	.549	.122	-2.19	-.158	.491	.101
-.617	-.313	1.537	.164	-.623	-.313	1.466	.147	-3.53	-.331	1.033	.122	-4.23	-.325	1.452	.102

Table 41. Aerodynamic Coefficients for Configuration B1T12X2

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Table 42. Aerodynamic Coefficients for Configuration B1T12X5

M = .80 Q = 5.700 RN = .3810										M = .95 Q = 6.750 RN = .4090										M = 1.00 Q = 7.090 RN = .4190									
ALP	CM	CM	CAB	CAF	CM	CM	CAB	CAF	CM	ALP	CM	CM	CAB	CAF	CM	CM	CAB	CAF	CM	ALP	CM	CM	CAB	CAF	CM	CM	CAB	CAF	CM
-4.23	-1.304	1.806	.190	.435	-4.26	-.284	1.400	.195	.434	-4.27	-.292	1.404	.217	.444	-4.28	-.274	1.507	.310	.470	-4.28	-.274	1.507	.310	.470	-4.28	-.274	1.507	.310	.470
-3.17	-.224	1.347	.184	.442	-3.18	-.195	1.099	.184	.439	-3.19	-.198	1.112	.207	.452	-3.20	-.184	.952	.297	.483	-3.20	-.184	.952	.297	.483	-3.20	-.184	.952	.297	.483
-2.10	-.144	.880	.183	.449	-2.11	-.121	.654	.176	.445	-2.12	-.127	.726	.198	.465	-2.12	-.102	.494	.288	.495	-2.12	-.102	.494	.288	.495	-2.12	-.102	.494	.288	.495
-1.04	-.070	.485	.178	.456	-1.05	-.073	.506	.164	.449	-1.05	-.041	.391	.189	.465	-1.05	-.045	.249	.281	.498	-1.05	-.045	.249	.281	.498	-1.05	-.045	.249	.281	.498
.02	-.035	-.243	.178	.468	.03	.048	-.362	.159	.450	.03	.023	-.119	.185	.463	.03	.015	-.035	.292	.499	.03	.015	-.035	.292	.499	.03	.015	-.035	.292	.499
1.09	.134	-.915	.178	.459	1.10	.140	-.999	.164	.450	1.09	.109	-.870	.200	.463	1.10	.079	-.345	.280	.498	1.10	.079	-.345	.280	.498	1.10	.079	-.345	.280	.498
2.15	.216	-1.472	.183	.454	2.16	.190	-1.122	.183	.442	2.17	.194	-1.199	.207	.456	2.17	.174	-.718	.317	.468	2.17	.174	-.718	.317	.468	2.17	.174	-.718	.317	.468
3.21	.287	-2.173	.183	.441	3.22	.253	-1.596	.193	.442	3.23	.281	-1.704	.207	.456	3.24	.254	-.844	.280	.468	3.24	.254	-.844	.280	.468	3.24	.254	-.844	.280	.468
4.27	.357	-2.913	.183	.421	4.28	.323	-2.444	.193	.441	4.29	.342	-2.054	.210	.460	4.30	.314	-1.518	.317	.462	4.30	.314	-1.518	.317	.462	4.30	.314	-1.518	.317	.462
5.31	.391	-3.323	.204	.431	5.32	.355	-2.869	.223	.441	5.33	.374	-2.322	.240	.440	5.34	.346	-1.794	.332	.448	5.34	.346	-1.794	.332	.448	5.34	.346	-1.794	.332	.448
6.41	.391	-3.323	.204	.431	6.42	.355	-2.869	.223	.441	6.43	.374	-2.322	.240	.440	6.44	.346	-1.794	.332	.448	6.44	.346	-1.794	.332	.448	6.44	.346	-1.794	.332	.448
.02	-.036	-.246	.179	.471	.03	.047	-.353	.159	.448	.02	.021	-.115	.188	.440	.02	.016	-.043	.292	.494	.02	.016	-.043	.292	.494	.02	.016	-.043	.292	.494
M = 1.05 Q = 7.440 RN = .4220										M = 1.30 Q = 8.400 RN = .4140										M = 1.50 Q = 9.540 RN = .3840									
ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF
-6.29	-.277	1.529	.371	.533	-6.31	-.284	1.568	.303	.545	-6.38	-.333	1.931	.249	.510	-6.40	-.348	2.006	.218	.437	-6.40	-.348	2.006	.218	.437	-6.40	-.348	2.006	.218	.437
-5.21	-.189	.999	.313	.563	-5.22	-.199	1.073	.296	.555	-5.27	-.243	1.410	.244	.511	-5.29	-.255	1.477	.213	.441	-5.29	-.255	1.477	.213	.441	-5.29	-.255	1.477	.213	.441
-4.13	-.114	.585	.310	.557	-4.14	-.121	.641	.300	.546	-4.17	-.154	.896	.236	.514	-4.19	-.166	.979	.207	.444	-4.19	-.166	.979	.207	.444	-4.19	-.166	.979	.207	.444
-3.05	-.056	.349	.330	.593	-3.06	-.067	.448	.329	.567	-3.08	-.074	.471	.237	.509	-3.10	-.079	.496	.201	.445	-3.10	-.079	.496	.201	.445	-3.10	-.079	.496	.201	.445
.02	-.013	-.019	.347	.582	.02	.006	.044	.335	.568	.02	.004	.029	.239	.511	.02	.006	.038	.202	.444	.02	.006	.038	.202	.444	.02	.006	.038	.202	.444
1.10	.148	-.643	.318	.537	1.11	.076	-.317	.316	.562	1.12	.084	-.348	.262	.511	1.13	.092	-.427	.213	.435	1.13	.092	-.427	.213	.435	1.13	.092	-.427	.213	.435
2.16	.198	-.843	.318	.537	2.17	.121	-.477	.341	.553	2.18	.130	-.513	.253	.503	2.19	.132	-.543	.218	.437	2.19	.132	-.543	.218	.437	2.19	.132	-.543	.218	.437
3.28	.221	-1.075	.324	.537	3.29	.211	-.977	.341	.553	3.30	.200	-.943	.270	.485	3.31	.192	-1.018	.236	.439	3.31	.192	-1.018	.236	.439	3.31	.192	-1.018	.236	.439
4.35	.307	-1.581	.335	.521	4.36	.298	-1.447	.317	.530	4.43	.355	-1.932	.270	.485	4.47	.374	-2.007	.236	.417	4.47	.374	-2.007	.236	.417	4.47	.374	-2.007	.236	.417
5.44	.507	-2.797	.342	.516	5.46	.502	-2.440	.325	.513	6.44	.577	-3.291	.278	.475	6.72	.598	-3.305	.236	.424	6.72	.598	-3.305	.236	.424	6.72	.598	-3.305	.236	.424
.03	-.015	-.034	.346	.559	.02	.008	.029	.332	.549	.02	.007	.022	.238	.512	.02	.005	.044	.205	.437	.02	.005	.044	.205	.437	.02	.005	.044	.205	.437
M = 1.75 Q = 8.700 RN = .3500										M = 2.00 Q = 5.480 RN = .3500										M = 3.00 Q = 4.130 RN = .3100									
ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF	ALP	CM	CM	CAB	CAF
8.97	-.805	-6.486	.248	.348	8.94	-.805	-6.416	.206	.318	8.76	-.827	-6.349	.159	.275	8.53	-.843	-6.417	.121	.253	8.53	-.843	-6.417	.121	.253	8.53	-.843	-6.417	.121	.253
7.81	-.676	-3.763	.244	.357	7.74	-.676	-3.710	.206	.318	7.66	-.683	-3.563	.159	.276	7.46	-.687	-3.533	.122	.242	7.46	-.687	-3.533	.122	.242	7.46	-.687	-3.533	.122	.242
6.68	-.541	-1.116	.239	.354	6.63	-.557	-3.056	.199	.318	6.56	-.564	-2.919	.157	.272	6.37	-.585	-2.820	.122	.247	6.37	-.585	-2.820	.122	.247	6.37	-.585	-2.820	.122	.247
5.60	-.457	-2.525	.231	.357	5.54	-.455	-2.499	.192	.320	5.47	-.453	-2.384	.153	.274	5.29	-.441	-2.219	.121	.251	5.29	-.441	-2.219	.121	.251	5.29	-.441	-2.219	.121	.251
4.51	-.372	-1.909	.225	.360	4.45	-.357	-1.947	.187	.323	4.40	-.346	-1.877	.145	.279	4.23	-.342	-1.717	.120	.253	4.23	-.342	-1.717	.120	.253	4.23	-.342	-1.717	.120	.253
3.42	-.287	-1.294	.221	.361	3.37	-.279	-1.248	.184	.315	3.30	-.274	-1.191	.142	.282	3.13	-.265	-1.032	.120	.255	3.13	-.265	-1.032	.120	.255	3.13	-.265	-1.032	.120	.255
2.34	-.196	-1.079	.221	.351	2.29	-.194	-.988	.184	.315	2.25	-.177	-.928	.142	.282	2.10	-.165	-.762	.120	.255	2.10	-.165	-.762	.120	.255	2.10	-.165	-.762	.120	.255
1.78	-.143	-.820	.215	.360	1.72	-.133	-.732	.184	.311	1.70	-.133	-.694	.140	.282	1.55	-.119	-.604	.120	.262	1.55	-.119	-.604	.120	.262	1.55	-.119	-.604	.120	.262
1.24	-.102	-.589	.212	.359	1.18	-.092	-.511	.181	.314	1.17	-.092	-.484	.140	.282	1.03	-.079	-.403	.120	.255	1.03	-.079	-.403	.120	.255	1.03	-.079	-.403	.120	.255
.70	-.058	-.338	.211	.358	.66	-.050	-.282	.177	.319	.63	.050	-.265	.140	.283	.50	.038	-.199	.120	.260	.50	.038	-.199	.120	.260	.50	.038	-.199	.120	.260
.18	-.011	-.093	.210	.358	.11	.008	-.049	.174	.322	.10	.005	-.025	.139	.281	.02	.000	-.007	.121	.262	.02	.000	-.007	.121	.262	.02	.000	-.007	.121	.262
-.37	-.079	.175	.209	.361	-.41	-.033	.187	.172	.323	-.45	-.032	.170	.139	.282	-.56	-.042	.219	.121	.249	-.56	-.042	.219	.121	.249	-.56	-.042	.219	.121	.249
-.86	-.146	.410	.208	.364	-.87	-.079	.410	.172	.323	-.96	-.118	.432	.140	.280	-1.08	-.085	.439	.121	.235	-1.08	-.085	.439	.121	.235	-1.08	-.085	.439	.121	.235
-.128	-.128	.735	.208	.364	-.146	-.142	.893	.173	.325	-.168	-.118	.820	.140	.280	-2.13	-.164	.839	.121	.250	-2.13	-.164	.839	.121	.250	-2.13	-.164	.839	.121	.250
-.307	-.184	.943	.210	.364	-.312	-.250	1.363	.173	.327	-.309	-.247	1.295	.140	.280	-3.19	-.253	1.283	.121	.246	-3.19	-.253	1.283	.121	.246	-3.19	-.253	1.283	.121	.246
-.415	-.340	1.916	.218	.363	-.421	-.341	1.887	.181	.326	-.417	-.337	1.763	.142	.280	-4.24	-.344	1.746	.121	.240	-4.24	-.344	1.746	.121	.240	-4.24	-.344	1.746	.121	.240

Table 43. Aerodynamic Coefficients for Configuration BIT13X1

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Table 44. Aerodynamic Coefficients for Configuration BL13X2

M = .80	Q = 5.700	RN = .3810	ALP	CN	CM	CAF	M = .95	Q = 6.750	RN = .4090	ALP	CN	CM	CAF	M = 1.00	Q = 7.090	RN = .4190	ALP	CN	CM	CAF
			-4.22	-1.81	1.805	.179				-4.27	-1.86	1.856	.181				-4.31	-1.91	1.907	.183
			-1.89	1.016	.176	.376				-1.94	1.066	.181	.380				-1.99	1.116	.186	.385
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08	.795	.169	.412				-1.13	.845	.174	.417
			-1.03	.745	.164	.407				-1.08</										

Table 45. Aerodynamic Coefficients for Configuration B1T13X5

M = .80 Q = 9.760 RN = .3910				M = .95 Q = 6.750 RN = .4190				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF
-4.22	-272	1.913	.205	-4.27	-263	1.428	.299	-4.27	-263	1.428	.299
-3.16	-197	1.111	.197	-3.16	-197	1.111	.197	-3.16	-197	1.111	.197
-2.10	-127	.723	.182	-2.10	-127	.723	.182	-2.10	-127	.723	.182
-1.04	-62	.307	.190	-1.04	-62	.307	.190	-1.04	-62	.307	.190
1.04	62	-.307	-.190	1.04	62	-.307	-.190	1.04	62	-.307	-.190
2.10	127	.723	.190	2.10	127	.723	.190	2.10	127	.723	.190
3.16	197	1.111	.197	3.16	197	1.111	.197	3.16	197	1.111	.197
4.22	272	1.913	.205	4.22	272	1.913	.205	4.22	272	1.913	.205
5.28	350	2.715	.217	5.28	350	2.715	.217	5.28	350	2.715	.217
6.34	429	3.516	.227	6.34	429	3.516	.227	6.34	429	3.516	.227
7.40	507	4.317	.236	7.40	507	4.317	.236	7.40	507	4.317	.236
8.46	585	5.118	.246	8.46	585	5.118	.246	8.46	585	5.118	.246
9.52	663	5.919	.256	9.52	663	5.919	.256	9.52	663	5.919	.256
10.58	741	6.720	.266	10.58	741	6.720	.266	10.58	741	6.720	.266
11.64	819	7.521	.276	11.64	819	7.521	.276	11.64	819	7.521	.276
12.70	897	8.322	.286	12.70	897	8.322	.286	12.70	897	8.322	.286
13.76	975	9.123	.296	13.76	975	9.123	.296	13.76	975	9.123	.296
14.82	1053	9.924	.306	14.82	1053	9.924	.306	14.82	1053	9.924	.306
15.88	1131	10.725	.316	15.88	1131	10.725	.316	15.88	1131	10.725	.316
16.94	1209	11.526	.326	16.94	1209	11.526	.326	16.94	1209	11.526	.326
18.00	1287	12.327	.336	18.00	1287	12.327	.336	18.00	1287	12.327	.336
19.06	1365	13.128	.346	19.06	1365	13.128	.346	19.06	1365	13.128	.346
20.12	1443	13.929	.356	20.12	1443	13.929	.356	20.12	1443	13.929	.356
21.18	1521	14.730	.366	21.18	1521	14.730	.366	21.18	1521	14.730	.366
22.24	1599	15.531	.376	22.24	1599	15.531	.376	22.24	1599	15.531	.376
23.30	1677	16.332	.386	23.30	1677	16.332	.386	23.30	1677	16.332	.386
24.36	1755	17.133	.396	24.36	1755	17.133	.396	24.36	1755	17.133	.396
25.42	1833	17.934	.406	25.42	1833	17.934	.406	25.42	1833	17.934	.406
26.48	1911	18.735	.416	26.48	1911	18.735	.416	26.48	1911	18.735	.416
27.54	1989	19.536	.426	27.54	1989	19.536	.426	27.54	1989	19.536	.426
28.60	2067	20.337	.436	28.60	2067	20.337	.436	28.60	2067	20.337	.436
29.66	2145	21.138	.446	29.66	2145	21.138	.446	29.66	2145	21.138	.446
30.72	2223	21.939	.456	30.72	2223	21.939	.456	30.72	2223	21.939	.456
31.78	2301	22.740	.466	31.78	2301	22.740	.466	31.78	2301	22.740	.466
32.84	2379	23.541	.476	32.84	2379	23.541	.476	32.84	2379	23.541	.476
33.90	2457	24.342	.486	33.90	2457	24.342	.486	33.90	2457	24.342	.486
34.96	2535	25.143	.496	34.96	2535	25.143	.496	34.96	2535	25.143	.496
36.02	2613	25.944	.506	36.02	2613	25.944	.506	36.02	2613	25.944	.506
37.08	2691	26.745	.516	37.08	2691	26.745	.516	37.08	2691	26.745	.516
38.14	2769	27.546	.526	38.14	2769	27.546	.526	38.14	2769	27.546	.526
39.20	2847	28.347	.536	39.20	2847	28.347	.536	39.20	2847	28.347	.536
40.26	2925	29.148	.546	40.26	2925	29.148	.546	40.26	2925	29.148	.546
41.32	3003	29.949	.556	41.32	3003	29.949	.556	41.32	3003	29.949	.556
42.38	3081	30.750	.566	42.38	3081	30.750	.566	42.38	3081	30.750	.566
43.44	3159	31.551	.576	43.44	3159	31.551	.576	43.44	3159	31.551	.576
44.50	3237	32.352	.586	44.50	3237	32.352	.586	44.50	3237	32.352	.586
45.56	3315	33.153	.596	45.56	3315	33.153	.596	45.56	3315	33.153	.596
46.62	3393	33.954	.606	46.62	3393	33.954	.606	46.62	3393	33.954	.606
47.68	3471	34.755	.616	47.68	3471	34.755	.616	47.68	3471	34.755	.616
48.74	3549	35.556	.626	48.74	3549	35.556	.626	48.74	3549	35.556	.626
49.80	3627	36.357	.636	49.80	3627	36.357	.636	49.80	3627	36.357	.636
50.86	3705	37.158	.646	50.86	3705	37.158	.646	50.86	3705	37.158	.646
51.92	3783	37.959	.656	51.92	3783	37.959	.656	51.92	3783	37.959	.656
52.98	3861	38.760	.666	52.98	3861	38.760	.666	52.98	3861	38.760	.666
54.04	3939	39.561	.676	54.04	3939	39.561	.676	54.04	3939	39.561	.676
55.10	4017	40.362	.686	55.10	4017	40.362	.686	55.10	4017	40.362	.686
56.16	4095	41.163	.696	56.16	4095	41.163	.696	56.16	4095	41.163	.696
57.22	4173	41.964	.706	57.22	4173	41.964	.706	57.22	4173	41.964	.706
58.28	4251	42.765	.716	58.28	4251	42.765	.716	58.28	4251	42.765	.716
59.34	4329	43.566	.726	59.34	4329	43.566	.726	59.34	4329	43.566	.726
60.40	4407	44.367	.736	60.40	4407	44.367	.736	60.40	4407	44.367	.736
61.46	4485	45.168	.746	61.46	4485	45.168	.746	61.46	4485	45.168	.746
62.52	4563	45.969	.756	62.52	4563	45.969	.756	62.52	4563	45.969	.756
63.58	4641	46.770	.766	63.58	4641	46.770	.766	63.58	4641	46.770	.766
64.64	4719	47.571	.776	64.64	4719	47.571	.776	64.64	4719	47.571	.776
65.70	4797	48.372	.786	65.70	4797	48.372	.786	65.70	4797	48.372	.786
66.76	4875	49.173	.796	66.76	4875	49.173	.796	66.76	4875	49.173	.796
67.82	4953	49.974	.806	67.82	4953	49.974	.806	67.82	4953	49.974	.806
68.88	5031	50.775	.816	68.88	5031	50.775	.816	68.88	5031	50.775	.816
69.94	5109	51.576	.826	69.94	5109	51.576	.826	69.94	5109	51.576	.826
71.00	5187	52.377	.836	71.00	5187	52.377	.836	71.00	5187	52.377	.836
72.06	5265	53.178	.846	72.06	5265	53.178	.846	72.06	5265	53.178	.846
73.12	5343	53.979	.856	73.12	5343	53.979	.856	73.12	5343	53.979	.856
74.18	5421	54.780	.866	74.18	5421	54.780	.866	74.18	5421	54.780	.866
75.24	5499	55.581	.876	75.24	5499	55.581	.876	75.24	5499	55.581	.876
76.30	5577	56.382	.886	76.30	5577	56.382	.886	76.30	5577	56.382	.886
77.36	5655	57.183	.896	77.36	5655	57.183	.896	77.36	5655	57.183	.896
78.42	5733	57.984	.906	78.42	5733	57.984	.906	78.42	5733	57.984	.906
79.48	5811	58.785	.916	79.48	5811	58.785	.916	79.48	5811	58.785	.916
80.54	5889	59.586	.926	80.54	5889	59.586	.926	80.54	5889	59.586	.926
81.60	5967	60.387	.936	81.60	5967	60.387	.936	81.60	5967	60.387	.936
82.66	6045	61.188	.946	82.66	6045	61.188	.946	82.66	6045	61.188	.946
83.72	6123	61.989	.956	83.72	6123	61.989	.956	83.72	6123	61.989	.956
84.78	6201	62.790	.966	84.78	6201	62.790	.966	84.78	6201	62.790	.966
85.84	6279	63.591	.976	85.84	6279	63.591	.976	85.84	6279	63.591	.976
86.90	6357	64.392	.986	86.90	6357	64.392	.986	86.90	6357	64.392	.986
87.96	6435	65.193	.996	87.96	6435	65.193	.996	87.96	6435	65.193	.996
89.02	6513	65.994	.006	89.02	6513	65.994	.006	89.02	6513	65.994	.006
90.08	6591	66.795	.016	90.08	6591	66.795	.016	90.08	6591	66.795	.016
91.14	6669	67.596	.026	91.14	6669	67.596	.026	91.14	6669	67.596	.026
92.20	6747	68.397	.036	92.20	6747	68.397	.036	92.20	6747	68.397	.036
93.26	6825	69.198	.046	93.26	6825	69.198	.046	93.26	6825	69.198	.046
94.32	6903	69.999	.056	94.32	6903	69.999	.056	94.32	6903	69.999	.056
95.38	6981	70.800	.066	95.38	6981	70.800	.066	95.38	6981	70.800	.066
96.44	7059	71.601	.076	96.44	7059	71.601	.076	96.44	7059	71.601	.076
97.50	7137	72.402	.086	97.50	7137	72.402	.086	97.50	7137	72.402	.086
98.56	7215	73.203	.096	98.56	7215	73.203	.096	98.56	7215	73.203	.096
99.62	7293	74.004	.106	99.62	7293	74.004	.106	99.62	7293	74.004	.106
100.68	7371	74.805	.116	100.68	7371	74.805	.116	100.68	7371	74.805	.116
101.74	7449	75.606	.126	101.74	7449	75.606	.126	101.74	7449	75.606	.126
102.80	7527	76.407	.136	102.80	7527	76.407	.136	102.80	7527	76.407	.136
103.86	7605	77.208									

Table 46. Aerodynamic Coefficients for Configuration BIT13RX1

M = .80 Q = 5.700 RN = .3510				M = .90 Q = 5.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.000 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-0.19	-1.171	.075	.145	-0.19	-1.159	.093	.129	-0.22	-1.169	.028	.103	-0.25	-1.218	1.042	.172
-3.12	-1.114	.445	.290	-3.13	-1.053	.141	.097	-3.15	-1.113	.368	.004	-3.17	-1.146	.390	.135
-2.07	-0.048	.759	.170	-2.08	-0.053	.141	.097	-2.09	-0.044	.207	.004	-2.11	-0.146	.390	.135
-1.03	-0.020	.034	.117	-1.02	-0.010	.000	.079	-1.03	-0.019	.058	.057	-1.04	-0.031	.135	.105
.02	.018	-0.046	.118	.03	.016	-0.026	.087	.03	.012	.112	.072	.02	.014	-0.044	.075
1.07	.001	-1.146	.121	1.07	.090	-1.117	.102	1.03	.012	.112	.072	1.09	.045	-.253	.117
2.12	.107	-1.405	.134	2.13	.097	-.291	.119	2.14	.094	-.259	.093	2.15	.124	-.258	.139
3.17	.155	-1.601	.146	3.18	.097	-.291	.119	3.21	.149	-.448	.412	3.23	.188	-.848	.158
4.27	.155	-1.601	.146	4.28	.149	-.448	.412	4.28	.209	-.739	.122	4.30	.281	-1.229	.176
5.35	.143	-1.473	.180	5.36	.194	-1.496	.150	5.39	.391	-1.768	.140	5.49	.460	-2.279	.211
6.43	.143	-1.473	.180	6.45	.391	-1.768	.140	6.45	.391	-1.768	.140	6.45	.391	-1.768	.140
7.51	.068	-1.250	.121	7.52	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
8.59	.068	-1.250	.121	8.59	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
9.67	.068	-1.250	.121	9.67	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
10.75	.068	-1.250	.121	10.75	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
11.83	.068	-1.250	.121	11.83	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
12.91	.068	-1.250	.121	12.91	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
13.99	.068	-1.250	.121	13.99	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
15.07	.068	-1.250	.121	15.07	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
16.15	.068	-1.250	.121	16.15	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
17.23	.068	-1.250	.121	17.23	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
18.31	.068	-1.250	.121	18.31	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
19.39	.068	-1.250	.121	19.39	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
20.47	.068	-1.250	.121	20.47	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
21.55	.068	-1.250	.121	21.55	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
22.63	.068	-1.250	.121	22.63	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
23.71	.068	-1.250	.121	23.71	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
24.79	.068	-1.250	.121	24.79	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
25.87	.068	-1.250	.121	25.87	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
26.95	.068	-1.250	.121	26.95	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
28.03	.068	-1.250	.121	28.03	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
29.11	.068	-1.250	.121	29.11	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
30.19	.068	-1.250	.121	30.19	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
31.27	.068	-1.250	.121	31.27	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
32.35	.068	-1.250	.121	32.35	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
33.43	.068	-1.250	.121	33.43	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
34.51	.068	-1.250	.121	34.51	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
35.59	.068	-1.250	.121	35.59	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
36.67	.068	-1.250	.121	36.67	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
37.75	.068	-1.250	.121	37.75	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
38.83	.068	-1.250	.121	38.83	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
39.91	.068	-1.250	.121	39.91	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
40.99	.068	-1.250	.121	40.99	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
42.07	.068	-1.250	.121	42.07	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
43.15	.068	-1.250	.121	43.15	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
44.23	.068	-1.250	.121	44.23	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
45.31	.068	-1.250	.121	45.31	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
46.39	.068	-1.250	.121	46.39	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
47.47	.068	-1.250	.121	47.47	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
48.55	.068	-1.250	.121	48.55	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
49.63	.068	-1.250	.121	49.63	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
50.71	.068	-1.250	.121	50.71	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
51.79	.068	-1.250	.121	51.79	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
52.87	.068	-1.250	.121	52.87	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
53.95	.068	-1.250	.121	53.95	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
55.03	.068	-1.250	.121	55.03	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
56.11	.068	-1.250	.121	56.11	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
57.19	.068	-1.250	.121	57.19	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
58.27	.068	-1.250	.121	58.27	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
59.35	.068	-1.250	.121	59.35	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
60.43	.068	-1.250	.121	60.43	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
61.51	.068	-1.250	.121	61.51	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
62.59	.068	-1.250	.121	62.59	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
63.67	.068	-1.250	.121	63.67	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
64.75	.068	-1.250	.121	64.75	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
65.83	.068	-1.250	.121	65.83	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
66.91	.068	-1.250	.121	66.91	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
67.99	.068	-1.250	.121	67.99	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
69.07	.068	-1.250	.121	69.07	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
70.15	.068	-1.250	.121	70.15	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
71.23	.068	-1.250	.121	71.23	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
72.31	.068	-1.250	.121	72.31	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
73.39	.068	-1.250	.121	73.39	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
74.47	.068	-1.250	.121	74.47	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
75.55	.068	-1.250	.121	75.55	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
76.63	.068	-1.250	.121	76.63	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
77.71	.068	-1.250	.121	77.71	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
78.79	.068	-1.250	.121	78.79	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
79.87	.068	-1.250	.121	79.87	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
80.95	.068	-1.250	.121	80.95	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
82.03	.068	-1.250	.121	82.03	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
83.11	.068	-1.250	.121	83.11	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171
84.19	.068	-1.250	.121	84.19	.055	.158	.099	.03	.014	-.007	.059	-0.25	-.214	1.018	.171

Table 47. Aerodynamic Coefficients for Configuration BLT13RX2

[illegible]

Table 48. Aerodynamic Coefficients for Configuration B1T13RX5

M = .80 Q = 5.700 RN = .1910											
ALP	CN	CM	CAB	CAF	ALP	CN	CM	CAB	CAF	ALP	CN
-0.19	-0.191	.799	.090	.277	-0.15	-.125	.673	.074	.355	-0.25	-.276
-0.14	-.139	.793	.077	.283	-0.10	-.084	.361	.007	.365	-0.25	-.276
-0.09	-.099	.790	.072	.289	-0.04	-.037	.188	-.007	.372	-0.25	-.276
-0.03	-.039	.786	.066	.295	.02	.025	-.116	-.010	.370	-0.25	-.276
.02	.021	-.106	.062	.284	.08	.079	-.393	.001	.387	-0.25	-.276
.07	.077	-.357	.068	.285	.14	.116	-.693	.015	.392	-0.25	-.276
.12	.128	-.722	.077	.288	.20	.186	-.993	.035	.393	-0.25	-.276
.17	.178	-1.086	.084	.276	.26	.269	-.102	.046	.391	-0.25	-.276
.22	.228	-1.450	.094	.270	.32	.369	-.063	.102	.389	-0.25	-.276
.27	.278	-1.814	.103	.266	.38	.469	-.042	.159	.387	-0.25	-.276
.32	.328	-2.178	.113	.263	.44	.569	-.033	.216	.385	-0.25	-.276
.37	.378	-2.542	.123	.260	.50	.669	-.023	.273	.383	-0.25	-.276
.42	.428	-2.906	.133	.256	.56	.769	-.013	.330	.381	-0.25	-.276
.47	.478	-3.270	.143	.253	.62	.869	-.003	.387	.379	-0.25	-.276
.52	.528	-3.634	.153	.250	.68	.969	.007	.444	.377	-0.25	-.276
.57	.578	-4.000	.163	.246	.74	1.069	.017	.501	.375	-0.25	-.276
.62	.628	-4.364	.173	.243	.80	1.169	.027	.558	.373	-0.25	-.276
.67	.678	-4.728	.183	.240	.86	1.269	.037	.615	.371	-0.25	-.276
.72	.728	-5.092	.193	.236	.92	1.369	.047	.672	.369	-0.25	-.276
.77	.778	-5.456	.203	.233	.98	1.469	.057	.729	.367	-0.25	-.276
.82	.828	-5.820	.213	.230	1.04	1.569	.067	.786	.365	-0.25	-.276
.87	.878	-6.184	.223	.226	1.10	1.669	.077	.843	.363	-0.25	-.276
.92	.928	-6.548	.233	.223	1.16	1.769	.087	.900	.361	-0.25	-.276
.97	.978	-6.912	.243	.220	1.22	1.869	.097	.957	.359	-0.25	-.276
1.02	1.028	-7.276	.253	.216	1.28	1.969	.107	.101	.357	-0.25	-.276
1.07	1.078	-7.640	.263	.213	1.34	2.069	.117	.158	.355	-0.25	-.276
1.12	1.128	-8.004	.273	.210	1.40	2.169	.127	.215	.353	-0.25	-.276
1.17	1.178	-8.368	.283	.206	1.46	2.269	.137	.272	.351	-0.25	-.276
1.22	1.228	-8.732	.293	.203	1.52	2.369	.147	.329	.349	-0.25	-.276
1.27	1.278	-9.096	.303	.200	1.58	2.469	.157	.386	.347	-0.25	-.276
1.32	1.328	-9.460	.313	.196	1.64	2.569	.167	.443	.345	-0.25	-.276
1.37	1.378	-9.824	.323	.193	1.70	2.669	.177	.500	.343	-0.25	-.276
1.42	1.428	-10.188	.333	.190	1.76	2.769	.187	.557	.341	-0.25	-.276
1.47	1.478	-10.552	.343	.186	1.82	2.869	.197	.614	.339	-0.25	-.276
1.52	1.528	-10.916	.353	.183	1.88	2.969	.207	.671	.337	-0.25	-.276
1.57	1.578	-11.280	.363	.180	1.94	3.069	.217	.728	.335	-0.25	-.276
1.62	1.628	-11.644	.373	.176	2.00	3.169	.227	.785	.333	-0.25	-.276
1.67	1.678	-12.008	.383	.173	2.06	3.269	.237	.842	.331	-0.25	-.276
1.72	1.728	-12.372	.393	.170	2.12	3.369	.247	.899	.329	-0.25	-.276
1.77	1.778	-12.736	.403	.166	2.18	3.469	.257	.956	.327	-0.25	-.276
1.82	1.828	-13.100	.413	.163	2.24	3.569	.267	.101	.325	-0.25	-.276
1.87	1.878	-13.464	.423	.160	2.30	3.669	.277	.158	.323	-0.25	-.276
1.92	1.928	-13.828	.433	.156	2.36	3.769	.287	.215	.321	-0.25	-.276
1.97	1.978	-14.192	.443	.153	2.42	3.869	.297	.272	.319	-0.25	-.276
2.02	2.028	-14.556	.453	.150	2.48	3.969	.307	.329	.317	-0.25	-.276
2.07	2.078	-14.920	.463	.146	2.54	4.069	.317	.386	.315	-0.25	-.276
2.12	2.128	-15.284	.473	.143	2.60	4.169	.327	.443	.313	-0.25	-.276
2.17	2.178	-15.648	.483	.140	2.66	4.269	.337	.500	.311	-0.25	-.276
2.22	2.228	-16.012	.493	.136	2.72	4.369	.347	.557	.309	-0.25	-.276
2.27	2.278	-16.376	.503	.133	2.78	4.469	.357	.614	.307	-0.25	-.276
2.32	2.328	-16.740	.513	.130	2.84	4.569	.367	.671	.305	-0.25	-.276
2.37	2.378	-17.104	.523	.126	2.90	4.669	.377	.728	.303	-0.25	-.276
2.42	2.428	-17.468	.533	.123	2.96	4.769	.387	.785	.301	-0.25	-.276
2.47	2.478	-17.832	.543	.120	3.02	4.869	.397	.842	.299	-0.25	-.276
2.52	2.528	-18.196	.553	.116	3.08	4.969	.407	.899	.297	-0.25	-.276
2.57	2.578	-18.560	.563	.113	3.14	5.069	.417	.956	.295	-0.25	-.276
2.62	2.628	-18.924	.573	.110	3.20	5.169	.427	.101	.293	-0.25	-.276
2.67	2.678	-19.288	.583	.106	3.26	5.269	.437	.158	.291	-0.25	-.276
2.72	2.728	-19.652	.593	.103	3.32	5.369	.447	.215	.289	-0.25	-.276
2.77	2.778	-20.016	.603	.100	3.38	5.469	.457	.272	.287	-0.25	-.276
2.82	2.828	-20.380	.613	.096	3.44	5.569	.467	.329	.285	-0.25	-.276
2.87	2.878	-20.744	.623	.093	3.50	5.669	.477	.386	.283	-0.25	-.276
2.92	2.928	-21.108	.633	.090	3.56	5.769	.487	.443	.281	-0.25	-.276
2.97	2.978	-21.472	.643	.086	3.62	5.869	.497	.500	.279	-0.25	-.276
3.02	3.028	-21.836	.653	.083	3.68	5.969	.507	.557	.277	-0.25	-.276
3.07	3.078	-22.200	.663	.080	3.74	6.069	.517	.614	.275	-0.25	-.276
3.12	3.128	-22.564	.673	.076	3.80	6.169	.527	.671	.273	-0.25	-.276
3.17	3.178	-22.928	.683	.073	3.86	6.269	.537	.728	.271	-0.25	-.276
3.22	3.228	-23.292	.693	.070	3.92	6.369	.547	.785	.269	-0.25	-.276
3.27	3.278	-23.656	.703	.066	3.98	6.469	.557	.842	.267	-0.25	-.276
3.32	3.328	-24.020	.713	.063	4.04	6.569	.567	.899	.265	-0.25	-.276
3.37	3.378	-24.384	.723	.060	4.10	6.669	.577	.956	.263	-0.25	-.276
3.42	3.428	-24.748	.733	.056	4.16	6.769	.587	.101	.261	-0.25	-.276
3.47	3.478	-25.112	.743	.053	4.22	6.869	.597	.158	.259	-0.25	-.276
3.52	3.528	-25.476	.753	.050	4.28	6.969	.607	.215	.257	-0.25	-.276
3.57	3.578	-25.840	.763	.046	4.34	7.069	.617	.272	.255	-0.25	-.276
3.62	3.628	-26.204	.773	.043	4.40	7.169	.627	.329	.253	-0.25	-.276
3.67	3.678	-26.568	.783	.040	4.46	7.269	.637	.386	.251	-0.25	-.276
3.72	3.728	-26.932	.793	.036	4.52	7.369	.647	.443	.249	-0.25	-.276
3.77	3.778	-27.296	.803	.033	4.58	7.469	.657	.500	.247	-0.25	-.276
3.82	3.828	-27.660	.813	.030	4.64	7.569	.667	.557	.245	-0.25	-.276
3.87	3.878	-28.024	.823	.026	4.70	7.669	.677	.614	.243	-0.25	-.276
3.92	3.928	-28.388	.833	.023	4.76	7.769	.687	.671	.241	-0.25	-.276
3.97	3.978	-28.752	.843	.020	4.82	7.869	.697	.728	.239	-0.25	-.276
4.02	4.028	-29.116	.853	.016	4.88	7.969	.707	.785	.237	-0.25	-.276
4.07	4.078	-29.480	.863	.013	4.94	8.069	.717	.842	.235	-0.25	-.276
4.12	4.128	-29.844	.873	.010	5.00	8.169	.727	.899	.233	-0.25	-.276
4.17	4.178	-30.208	.883	.006	5.06	8.269	.737	.956	.231	-0.25	-.276
4.22	4.228	-30.572	.893	.003	5.12	8.369	.747	.101	.229	-0.25	-.276
4.27	4.278	-30.936	.903	.000	5.18	8.469	.757	.158	.227	-0.25	-.276
4.32	4.328	-31.300	.913	-.004	5.24	8.569	.767	.215	.225	-0.25	-.276
4.37	4.378	-31.664	.923	-.007	5.30	8.669	.777	.272	.223	-0.25	-.276
4.42	4.428	-32.028	.933	-.010	5.36	8.769	.787	.329	.221	-0.25	-.276
4.47	4.478	-32.392	.943	-.013	5.42	8.869	.797	.386	.219	-0.25	-.276
4.52	4.528	-32.756	.953	-.016	5.48	8.969	.807	.443	.217	-0.25	-.276
4.57	4.578	-33.120	.963	-.019	5.54	9.069	.817	.500	.215	-0.25	-.276
4.62	4.628	-33.484	.973	-.022	5.60	9.169	.827	.557	.213	-0.25	-.276
4.67	4.678	-33.848	.983	-.025	5.66	9.269	.837	.614	.211	-0.25	-.276
4.72	4.728	-34.212	.993	-.028	5.72	9.369	.847	.671	.209	-0.25	-.276
4.77	4.778	-34.576	1.003	-.031	5.78	9.469	.857	.728	.207	-0.25	-.276
4.82	4.828	-34.940	1.013	-.034	5.84	9.569	.867	.785	.205	-0.25	-.276
4.87	4.878	-35.304	1.023	-.037	5.90	9.669	.877	.842	.203	-0.25	-.276
4.92	4.928	-35.668	1.033	-.040	5.96	9.769	.887	.899	.201	-0.25	-.276
4.97	4.978	-36.032	1.043	-.043	6.02	9.869	.897	.956	.199	-0.25	-.276
5.02	5.028	-36.396	1.053	-.046	6.08	9.969	.907	.101	.197	-0.25	-.276
5.07	5.078	-36.760	1.063	-.049	6.14	10.069	.917	.158	.195	-0.25	-.276
5.12	5.128	-37.124	1.073	-.052	6.20	10.169	.927	.215	.193	-0.25	-.276
5.17	5.178	-37.488	1.083	-.055	6.26	10.269	.937	.272	.191	-0.25	-.276
5.22	5.228										

Table 49. Aerodynamic Coefficients for Configuration BLT13SX1

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.23	-259	1.311	.614	-4.27	-281	1.308	.096	-4.30	-299	1.457	.177
-3.17	-925	.116	.423	-3.19	-187	.938	.093	-3.22	-221	1.273	.174
-7.61	-1448	.951	.117	-2.12	-121	.826	.091	-2.14	-158	.973	.176
-1.02	-921	.115	.439	-1.05	-960	.360	.088	-1.06	-980	.551	.177
1.08	.089	-.442	.116	.01	-.007	.161	.089	.03	.022	-.093	.177
2.16	.157	-.780	.117	2.18	.122	-.432	.095	1.10	.035	-.175	.176
3.21	.242	-1.282	.116	3.23	.202	-.854	.098	3.26	.214	-.947	.183
6.40	.457	-1.635	.116	6.48	.525	-2.901	.114	6.53	.487	-1.316	.185
.02	.024	-.134	.115	-1.05	-.358	.341	.088	1.10	.092	-2.384	.197
								.03	.017	-.056	.176
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.15 Q = 8.400 RN = .4160			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.31	-282	1.272	.190	-4.33	-277	1.410	.179	-4.35	-272	1.371	.169
-2.13	-717	1.171	.196	-2.15	-130	.786	.175	-2.15	-.114	.965	.166
-1.06	-.069	.460	.203	-1.06	-.098	.251	.173	-1.05	-.072	.237	.161
.02	-.008	.171	.203	.03	-.021	-.096	.172	.114	.091	-.348	.160
2.19	.158	-.776	.192	2.20	.161	-.781	.173	2.25	.171	-.740	.161
3.27	.219	-1.013	.187	3.29	.236	-1.147	.171	3.37	.252	-1.121	.160
6.35	.284	-1.316	.194	6.38	.310	-1.593	.172	6.49	.345	-1.600	.167
8.56	.437	-2.375	.216	8.58	.510	-2.903	.194	8.76	.565	-2.794	.190
1.16	.061	-.175	.197	1.16	-.042	-.362	.180	1.14	.080	-.251	.150
-1.07	-.080	.236	.203	-2.15	-.139	.785	.178	-1.06	-.042	.204	.151
M = 1.75 Q = 8.700 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
8.89	.713	-3.434	.205	8.76	.706	-3.320	.175	8.67	.754	-3.521	.140
7.76	.592	-2.816	.202	7.65	.586	-2.727	.173	7.56	.614	-2.793	.140
6.45	.486	-2.276	.196	6.33	.479	-2.201	.168	6.46	.497	-2.215	.138
6.45	.486	-2.276	.196	6.33	.479	-2.201	.168	6.46	.497	-2.215	.138
6.45	.486	-2.276	.196	6.33	.479	-2.201	.168	6.46	.497	-2.215	.138
3.38	.224	-1.002	.183	3.28	.222	.895	.180	3.22	.228	-.988	.131
2.29	.151	-.465	.179	2.20	.150	-.681	.169	2.22	.228	-.988	.131
1.73	.112	-.499	.176	1.64	.111	-.504	.165	1.59	.109	-.645	.124
1.19	.076	-.358	.172	1.10	.076	-.337	.165	1.06	.072	-.311	.121
.86	.044	-.208	.172	.84	.037	-.146	.164	.53	.034	-.155	.120
-.62	-.080	.046	.171	-.01	-.001	.002	.142	-.01	-.000	.000	.120
-.97	-.062	.277	.169	-.04	-.021	.371	.142	-.53	-.034	.155	.120
-1.50	-.049	.438	.168	-1.04	-.108	.494	.143	-1.07	-.073	.317	.120
-2.06	-.135	.546	.170	-2.12	-.146	.648	.144	-1.61	-.109	.441	.120
-3.13	-.205	.911	.173	-3.18	-.219	.998	.146	-2.44	-.183	.790	.121
-.621	-.286	1.295	.176	-.629	-.297	1.350	.152	-3.19	-.221	.955	.121
								-4.26	-.304	1.330	.123

Table 50. Aerodynamic Coefficients for Configuration B1T13SX2

M = .80	Q = 5.700	RM = .3618	ALP	CM	CAB	CAF	M = .90	Q = 6.520	RM = .4010	ALP	CM	CAB	CAF	M = .95	Q = 6.750	RM = .4090	ALP	CM	CAB	CAF	M = 1.00	Q = 7.000	RM = .4190	ALP	CM	CAB	CAF			
	-0.22	-1.308	1.057	-180	-0.40	-3.10	-0.25	-3.10	1.099	-154	-0.37	-3.15	1.034	-204	-0.42	-3.21	-229	-1.376	-296	-0.11	-2.13	-159	1.025	-276	-0.25	-2.13	-159	1.025	-276	-0.25
	-0.23	-1.316	1.063	-179	-0.43	-3.18	-0.26	-3.18	1.101	-155	-0.38	-3.18	1.036	-205	-0.43	-3.22	-160	-1.384	-304	-0.12	-2.14	-160	1.032	-282	-0.26	-2.14	-160	1.032	-282	-0.26
	-0.24	-1.324	1.069	-178	-0.45	-3.20	-0.27	-3.20	1.103	-156	-0.39	-3.20	1.038	-206	-0.44	-3.23	-161	-1.392	-310	-0.13	-2.15	-161	1.034	-284	-0.27	-2.15	-161	1.034	-284	-0.27
	-0.25	-1.332	1.075	-177	-0.47	-3.22	-0.28	-3.22	1.105	-157	-0.40	-3.22	1.036	-207	-0.45	-3.24	-162	-1.400	-316	-0.14	-2.16	-162	1.036	-286	-0.28	-2.16	-162	1.036	-286	-0.28
	-0.26	-1.340	1.081	-176	-0.49	-3.24	-0.29	-3.24	1.107	-158	-0.41	-3.24	1.038	-208	-0.46	-3.25	-163	-1.408	-322	-0.15	-2.17	-163	1.038	-288	-0.29	-2.17	-163	1.038	-288	-0.29
	-0.27	-1.348	1.087	-175	-0.51	-3.26	-0.30	-3.26	1.109	-159	-0.42	-3.26	1.040	-209	-0.47	-3.26	-164	-1.416	-328	-0.16	-2.18	-164	1.040	-290	-0.30	-2.18	-164	1.040	-290	-0.30
	-0.28	-1.356	1.093	-174	-0.53	-3.28	-0.31	-3.28	1.111	-160	-0.43	-3.28	1.042	-210	-0.48	-3.28	-165	-1.424	-334	-0.17	-2.19	-165	1.042	-292	-0.31	-2.19	-165	1.042	-292	-0.31
	-0.29	-1.364	1.099	-173	-0.55	-3.30	-0.32	-3.30	1.113	-161	-0.44	-3.30	1.044	-211	-0.49	-3.30	-166	-1.432	-340	-0.18	-2.20	-166	1.044	-294	-0.32	-2.20	-166	1.044	-294	-0.32
	-0.30	-1.372	1.105	-172	-0.57	-3.32	-0.33	-3.32	1.115	-162	-0.45	-3.32	1.046	-212	-0.50	-3.32	-167	-1.440	-346	-0.19	-2.21	-167	1.046	-296	-0.33	-2.21	-167	1.046	-296	-0.33
	-0.31	-1.380	1.111	-171	-0.59	-3.34	-0.34	-3.34	1.117	-163	-0.46	-3.34	1.048	-213	-0.51	-3.34	-168	-1.448	-352	-0.20	-2.22	-168	1.048	-298	-0.34	-2.22	-168	1.048	-298	-0.34
	-0.32	-1.388	1.117	-170	-0.61	-3.36	-0.35	-3.36	1.119	-164	-0.47	-3.36	1.050	-214	-0.52	-3.36	-169	-1.456	-358	-0.21	-2.23	-169	1.050	-300	-0.35	-2.23	-169	1.050	-300	-0.35
	-0.33	-1.396	1.123	-169	-0.63	-3.38	-0.36	-3.38	1.121	-165	-0.48	-3.38	1.052	-215	-0.53	-3.38	-170	-1.464	-364	-0.22	-2.24	-170	1.052	-302	-0.36	-2.24	-170	1.052	-302	-0.36
	-0.34	-1.404	1.129	-168	-0.65	-3.40	-0.37	-3.40	1.123	-166	-0.49	-3.40	1.054	-216	-0.54	-3.40	-171	-1.472	-370	-0.23	-2.25	-171	1.054	-304	-0.37	-2.25	-171	1.054	-304	-0.37
	-0.35	-1.412	1.135	-167	-0.67	-3.42	-0.38	-3.42	1.125	-167	-0.50	-3.42	1.056	-217	-0.55	-3.42	-172	-1.480	-376	-0.24	-2.26	-172	1.056	-306	-0.38	-2.26	-172	1.056	-306	-0.38
	-0.36	-1.420	1.141	-166	-0.69	-3.44	-0.39	-3.44	1.127	-168	-0.51	-3.44	1.058	-218	-0.56	-3.44	-173	-1.488	-382	-0.25	-2.27	-173	1.058	-308	-0.39	-2.27	-173	1.058	-308	-0.39
	-0.37	-1.428	1.147	-165	-0.71	-3.46	-0.40	-3.46	1.129	-169	-0.52	-3.46	1.060	-219	-0.57	-3.46	-174	-1.496	-388	-0.26	-2.28	-174	1.060	-310	-0.40	-2.28	-174	1.060	-310	-0.40
	-0.38	-1.436	1.153	-164	-0.73	-3.48	-0.41	-3.48	1.131	-170	-0.53	-3.48	1.062	-220	-0.58	-3.48	-175	-1.504	-394	-0.27	-2.29	-175	1.062	-312	-0.41	-2.29	-175	1.062	-312	-0.41
	-0.39	-1.444	1.159	-163	-0.75	-3.50	-0.42	-3.50	1.133	-171	-0.54	-3.50	1.064	-221	-0.59	-3.50	-176	-1.512	-400	-0.28	-2.30	-176	1.064	-314	-0.42	-2.30	-176	1.064	-314	-0.42
	-0.40	-1.452	1.165	-162	-0.77	-3.52	-0.43	-3.52	1.135	-172	-0.55	-3.52	1.066	-222	-0.60	-3.52	-177	-1.520	-406	-0.29	-2.31	-177	1.066	-316	-0.43	-2.31	-177	1.066	-316	-0.43
	-0.41	-1.460	1.171	-161	-0.79	-3.54	-0.44	-3.54	1.137	-173	-0.56	-3.54	1.068	-223	-0.61	-3.54	-178	-1.528	-412	-0.30	-2.32	-178	1.068	-318	-0.44	-2.32	-178	1.068	-318	-0.44
	-0.42	-1.468	1.177	-160	-0.81	-3.56	-0.45	-3.56	1.139	-174	-0.57	-3.56	1.070	-224	-0.62	-3.56	-179	-1.536	-418	-0.31	-2.33	-179	1.070	-320	-0.45	-2.33	-179	1.070	-320	-0.45
	-0.43	-1.476	1.183	-159	-0.83	-3.58	-0.46	-3.58	1.141	-175	-0.58	-3.58	1.072	-225	-0.63	-3.58	-180	-1.544	-424	-0.32	-2.34	-180	1.072	-322	-0.46	-2.34	-180	1.072	-322	-0.46
	-0.44	-1.484	1.189	-158	-0.85	-3.60	-0.47	-3.60	1.143	-176	-0.59	-3.60	1.074	-226	-0.64	-3.60	-181	-1.552	-430	-0.33	-2.35	-181	1.074	-324	-0.47	-2.35	-181	1.074	-324	-0.47
	-0.45	-1.492	1.195	-157	-0.87	-3.62	-0.48	-3.62	1.145	-177	-0.60	-3.62	1.076	-227	-0.65	-3.62	-182	-1.560	-436	-0.34	-2.36	-182	1.076	-326	-0.48	-2.36	-182	1.076	-326	-0.48
	-0.46	-1.500	1.201	-156	-0.89	-3.64	-0.49	-3.64	1.147	-178	-0.61	-3.64	1.078	-228	-0.66	-3.64	-183	-1.568	-442	-0.35	-2.37	-183	1.078	-328	-0.49	-2.37	-183	1.078	-328	-0.49
	-0.47	-1.508	1.207	-155	-0.91	-3.66	-0.50	-3.66	1.149	-179	-0.62	-3.66	1.080	-229	-0.67	-3.66	-184	-1.576	-448	-0.36	-2.38	-184	1.080	-330	-0.50	-2.38	-184	1.080	-330	-0.50
	-0.48	-1.516	1.213	-154	-0.93	-3.68	-0.51	-3.68	1.151	-180	-0.63	-3.68	1.082	-230	-0.68	-3.68	-185	-1.584	-454	-0.37	-2.39	-185	1.082	-332	-0.51	-2.39	-185	1.082	-332	-0.51
	-0.49	-1.524	1.219	-153	-0.95	-3.70	-0.52	-3.70	1.153	-181	-0.64	-3.70	1.084	-231	-0.69	-3.70	-186	-1.592	-460	-0.38	-2.40	-186	1.084	-334	-0.52	-2.40	-186	1.084	-334	-0.52
	-0.50	-1.532	1.225	-152	-0.97	-3.72	-0.53	-3.72	1.155	-182	-0.65	-3.72	1.086	-232	-0.70	-3.72	-187	-1.600	-466	-0.39	-2.41	-187	1.086	-336	-0.53	-2.41	-187	1.086	-336	-0.53
	-0.51	-1.540	1.231	-151	-0.99	-3.74	-0.54	-3.74	1.157	-183	-0.66	-3.74	1.088	-233	-0.71	-3.74	-188	-1.608	-472	-0.40	-2.42	-188	1.088	-338	-0.54	-2.42	-188	1.088	-338	-0.54
	-0.52	-1.548	1.237	-150	-1.01	-3.76	-0.55	-3.76	1.159	-184	-0.67	-3.76	1.090	-234	-0.72	-3.76	-189	-1.616	-478	-0.41	-2.43	-189	1.090	-340	-0.55	-2.43	-189	1.090	-340	-0.55
	-0.53	-1.556	1.243	-149	-1.03	-3.78	-0.56	-3.78	1.161	-185	-0.68	-3.78	1.092	-235	-0.73	-3.78	-190	-1.624	-484	-0.42	-2.44	-190	1.092	-342	-0.56	-2.44	-190	1.092	-342	-0.56
	-0.54	-1.564	1.249	-148	-1.05	-3.80	-0.57	-3.80	1.163	-186	-0.69	-3.80	1.094	-236	-0.74	-3.80	-191	-1.632	-490	-0.43	-2.45	-191	1.094	-344	-0.57	-2.45	-191	1.094	-344	-0.57
	-0.55	-1.572	1.255	-147	-1.07	-3.82	-0.58	-3.82	1.165	-187	-0.70	-3.82	1.096	-237	-0.75	-3.82	-192	-1.640	-496	-0.44	-2.46	-192	1.096	-346	-0.58	-2.46	-192	1.096	-346	-0.58
	-0.56	-1.580	1.261	-146	-1.09	-3.84	-0.59	-3.84	1.167	-188	-0.71	-3.84	1.098	-238	-0.76	-3.84	-193	-1.648	-502	-0.45	-2.47	-193	1.098	-348	-0.59	-2.47	-193	1.098	-348	-0.59
	-0.57	-1.588	1.267	-145	-1.11	-3.86	-0.60	-3.86	1.169	-189	-0.72	-3.86	1.100	-239	-0.77	-3.86	-194	-1.656	-508	-0.46	-2.48	-194	1.100	-350	-0.60	-2.48	-194	1.100	-350	-0.60
	-0.58	-1.596	1.273	-144	-1.13	-3.88	-0.61	-3.88	1.171	-190	-0.73	-3.88	1.102	-240	-0.78	-3.88	-195	-1.664	-514	-0.47	-2.49	-195	1.102	-352	-0.61	-2.49	-195	1.102	-352	-0.61
	-0.59	-1.604	1.279	-143	-1.15	-3.90	-0.62	-3.90	1.173	-191	-0.74	-3.90	1.104	-241	-0.79	-3.90	-196	-1.672	-520	-0.48	-2.50	-196	1.104	-354	-0.62	-2.50	-196	1.104	-354	-0.62
	-0.60	-1.612	1.285	-142	-1.17	-3.92	-0.63	-3.92	1.175	-192	-0.75	-3.92	1.106	-242	-0.80	-3.92	-197	-1.680	-526	-0.49	-2.51	-197	1.106	-356	-0.63	-2.51	-197	1.106	-356	-0.63
	-0.61	-1.620	1.291	-141	-1.19	-3.94	-0.64	-3.94	1.177	-193	-0.76	-3.94	1.108	-243	-0.81	-3.94	-198	-1.688	-532	-0.50	-2.52	-198	1.108	-358	-0.64	-2.52	-198	1.108	-358	-0.64
	-0.62	-1.628	1.297	-140	-1.21	-3.96	-0.65	-3.96	1.179	-194	-0.77	-3.96	1.110	-244	-0.82	-3.96	-199	-1.696	-538	-0.51	-2.53	-199	1.110	-360	-0.65	-2.53	-199	1.110	-360	-0.65
	-0.63	-1.636	1.303	-139	-1.23	-3.98	-0.66	-3.98	1.181	-195	-0.78	-3.98	1.112	-245	-0.83	-3.98	-200	-1.704	-544	-0.52	-2.54	-200	1.112	-362	-0.66	-2.54	-200	1.112	-362	-0.66
	-0.64	-1.644	1.309	-138	-1.25	-4.00	-0.67	-4.00	1.183	-196	-0.79	-4.00	1.114	-246	-0.84	-4.00	-201	-1.712	-550	-0.53	-2.55	-201	1.114	-364	-0.67	-2.55	-201	1.114	-364	-0.67
	-0.65	-1.652	1.315	-137	-1.27	-4.02	-0.68	-4.02	1.185	-197	-0.80	-4.02	1.116	-247	-0.85	-4.02	-202	-1.720	-556	-0.54	-2.56	-202	1.116	-366	-0.68	-2.56	-202	1.116	-366	-0.68</

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M = .80 J = .700 RN = .3(1)				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.000 RN = .4190				
ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	ALP	CN	CAB	CAF	
-.328	2.056	.210	.354	-.226	2.232	.193	.344	-.627	2.039	.234	.358	-.427	2.286	1.670	.323	.376
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-.319	1.098	1.140	.310	-.319	1.098	1.140	.310	.310
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-.212	1.144	.900	.213	-.212	1.144	.900	.213	.295
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-.105	1.063	.821	.205	-.105	1.063	.821	.205	.288
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-.021	.932	.681	.195	-.021	.932	.681	.195	.282
-.743	1.593	.155	.315	-.263	1.767	.176	.340	1.009	1.009	.579	.209	1.009	1.009	.579	.209	.282
-.743	1.593	.155	.315	-.263	1.767	.176	.340	2.117	1.371	1.157	.233	2.117	1.371	1.157	.233	.382
-.743	1.593	.155	.315	-.263	1.767	.176	.340	3.216	2.219	1.772	.349	3.216	2.219	1.772	.349	.367
-.743	1.593	.155	.315	-.263	1.767	.176	.340	4.323	3.288	1.885	.191	4.323	3.288	1.885	.191	.362
-.743	1.593	.155	.315	-.263	1.767	.176	.340	5.431	4.390	2.449	.216	5.431	4.390	2.449	.216	.360
-.743	1.593	.155	.315	-.263	1.767	.176	.340	6.548	5.570	3.001	.279	6.548	5.570	3.001	.279	.362
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.226	-1.346	-2.263	.192	-1.226	-1.346	-2.263	.192	.361
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-1.05	-1.064	-.420	.208	.287
-.743	1.593	.155	.315	-.263	1.767	.176	.340	-1.05	-1.064	-.420	.208	-				

Table 52. Aerodynamic Coefficients for Configuration BLT14X1

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.23	-2.73	1.449	.155	-4.26	-2.75	1.440	.126	-4.39	-3.27	1.922	.112	-4.30	-2.96	1.643	.145
-3.17	-1.98	1.040	.149	-3.19	-2.02	1.082	.125	-3.21	-2.34	1.372	.110	-3.21	-2.09	1.156	.144
-2.10	-1.15	.965	.148	-2.12	-1.23	.907	.122	-2.13	-1.36	.786	.110	-2.13	-1.32	.732	.141
-1.04	-.041	.176	.148	-1.05	.007	.207	.122	-1.05	-.051	.274	.109	-1.05	-.042	.208	.144
.02	.038	-.268	.148	.03	.038	-.252	.121	.03	.040	-.279	.109	.03	.044	-.320	.147
1.09	.016	-.848	.148	1.10	.115	-.676	.120	1.11	.144	-.941	.110	1.12	.130	-.786	.146
2.15	.373	-1.572	.150	2.17	.190	-1.067	.123	2.19	.236	-1.496	.110	2.20	.289	-1.286	.146
3.28	.347	-1.338	.153	3.25	.249	-1.042	.128	3.28	.329	-1.272	.121	3.28	.348	-1.150	.152
4.29	.347	-1.045	.154	4.32	.348	-1.015	.136	4.36	.408	-.942	.139	4.38	.390	-2.264	.177
6.42	.512	-2.020	.158	6.48	.511	-2.768	.122	6.57	.592	-3.650	.152	6.57	.592	-3.650	.177
.02	.037	-.259	.167	.026	-.275	1.438	.126	.030	-.328	1.429	.113	.030	-.299	1.667	.145
			.180												
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.560 RN = .3860			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
-4.32	-.310	1.734	.212	-4.33	-.307	1.699	.208	-4.34	-.250	1.191	.195	-4.37	-.252	1.101	.192
-3.23	-.218	1.219	.207	-3.24	-.215	1.179	.204	-3.24	-.175	.837	.193	-3.25	-.155	.598	.191
-2.14	-.139	.779	.206	-2.15	-.137	.767	.204	-2.14	-.105	.505	.190	-2.15	-.093	.336	.188
-1.06	-.059	.328	.205	-1.06	-.058	.337	.199	-1.05	-.040	.205	.186	-1.05	-.020	.136	.184
.02	.029	-.269	.203	.02	.020	-.103	.198	.04	.023	-.384	.186	.113	.080	-.288	.187
1.20	.200	-1.149	.202	1.11	.107	-.964	.198	1.23	.150	-.696	.189	2.24	.152	-.594	.193
2.20	.200	-1.180	.202	2.20	.184	-1.001	.199	2.32	.231	-1.035	.195	3.35	.238	-1.025	.197
3.29	.280	-1.587	.209	3.30	.289	-1.498	.211	3.32	.313	-1.441	.200	4.48	.339	-1.566	.214
4.38	.368	-2.076	.211	4.39	.358	-1.981	.211	4.43	.514	-2.537	.220	6.74	.548	-2.081	.249
6.57	.563	-3.200	.236	6.61	.559	-3.140	.234	6.67	-.249	1.174	.195	6.76	-.244	1.053	.193
.03	.034	-.228	.202	.033	-.307	1.700	.209	.04	.025	-.095	.185				
M = 1.75 Q = 8.200 RN = .3500				M = 2.00 Q = 9.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF	ALP	CN	CM	CAF
9.00	.708	-3.390	.211	9.79	.706	-3.341	.178	8.66	.740	-3.423	.142	8.50	.747	-3.432	.109
7.87	.584	-2.756	.210	7.48	.582	-2.716	.178	7.54	.603	-2.721	.143	6.32	.609	-2.741	.109
6.76	.460	-2.124	.209	6.58	.460	-2.225	.180	6.44	.490	-2.161	.142	4.32	.498	-2.218	.110
5.58	.317	-1.483	.203	5.49	.309	-1.491	.180	5.36	.407	-1.480	.133	5.25	.398	-1.762	.109
4.43	.231	-1.073	.198	4.41	.328	-1.806	.175	4.25	.382	-1.228	.130	4.19	.305	-1.331	.108
3.49	.231	-1.073	.195	3.33	.256	-1.303	.166	3.25	.282	-.751	.128	3.12	.217	-.920	.106
2.63	.151	-.573	.195	2.25	.138	-.730	.165	2.15	.161	-.765	.128	2.06	.135	-.546	.104
1.84	.087	-.349	.194	1.38	.086	-.426	.165	1.58	.113	-.516	.128	1.51	.095	-.322	.102
1.30	.063	-.173	.195	.11	.041	-.190	.165	1.05	.072	-.330	.129	.84	.027	-.103	.102
.77	.031	-.048	.197	.04	.002	-.001	.165	.51	.035	-.155	.129	.44	.004	-.019	.101
.28	.011	.020	.197	.00	-.030	.133	.165	-.01	-.001	.007	.129	.40	-.036	.137	.101
-.83	-.034	.098	.197	-.90	-.044	.322	.165	-.55	-.078	.334	.130	-.60	-.067	.251	.101
-1.37	-.072	.260	.197	-1.06	-.081	.649	.166	-.81	-.118	.548	.129	-1.13	-.087	.415	.101
-1.91	-.115	.476	.198	-1.26	-.165	.899	.166	-2.15	-.167	.813	.129	-1.65	-.105	.615	.101
-3.02	-.205	.932	.198	-1.56	-.245	.899	.166	-3.24	-.256	1.258	.127	-2.17	-.165	.875	.102
-4.10	-.295	1.426	.199	-4.25	-.321	1.599	.167	-4.28	-.333	1.583	.127	-4.30	-.309	1.374	.103

Table 53. Aerodynamic Coefficients for Configuration B1T14X2

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 6.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.23	-.391	1.795	.788	-4.26	-.296	1.622	.684	-4.30	-.375	2.453	.119	-4.39	-.321	1.991	.181
-3.15	-.165	1.137	.293	-3.15	-.293	1.115	.040	-3.21	-.171	1.776	.114	-3.22	-.267	1.754	.294
-2.10	-.165	.890	.131	-2.12	-.119	.830	.077	-2.13	-.184	1.270	.114	-2.13	-.159	1.930	.173
-1.04	-.068	.640	.127	-1.04	-.055	.540	.079	-1.06	-.091	.600	.114	-1.06	-.077	.541	.176
.02	.010	-.000	.123	.02	.014	-.032	.080	.02	.004	-.029	.111	.02	.014	-.029	.176
1.07	.089	-.441	.193	1.09	.080	-.440	.001	1.10	.104	-.601	.112	1.10	.100	-.552	.177
2.16	.166	-.905	.139	2.16	.155	-.762	.001	2.18	.207	-1.200	.119	2.18	.182	-1.044	.182
3.26	.252	-1.406	.180	3.23	.225	-1.115	.004	3.26	.302	-1.682	.128	3.27	.278	-1.613	.189
4.26	.326	-1.841	.193	4.30	.312	-1.632	.092	4.34	.400	-2.446	.137	4.35	.383	-2.114	.196
5.26	.396	-2.241	.193	5.30	.389	-2.087	.113	5.34	.469	-3.134	.136	5.35	.453	-2.614	.203
.02	.010	-.004	.127	.02	.017	-.015	.079	.02	.02	-.003	.112	.02	.009	-.003	.178
M = 1.05 Q = 7.440 RN = .4220				M = 1.10 Q = 7.700 RN = .4230				M = 1.30 Q = 8.400 RN = .4160				M = 1.50 Q = 8.560 RN = .3860			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.33	-.348	2.122	.293	-4.33	-.333	2.021	.213	-4.32	-.295	1.657	.203	-4.34	-.268	1.186	.197
-3.25	-.270	1.674	.225	-3.20	-.265	1.243	.203	-3.21	-.184	.791	.193	-3.22	-.182	.791	.287
-2.15	-.189	1.206	.224	-2.15	-.166	1.095	.203	-2.14	-.051	.482	.190	-2.13	-.031	.190	.293
-1.07	-.084	.963	.320	-1.07	-.091	.652	.203	.05	-.018	.027	.191	.04	.024	-.016	.192
.03	.009	.122	.284	.03	.009	.055	.203	1.14	.080	-.324	.194	1.15	.082	-.240	.194
1.09	.072	-.316	.255	1.12	.092	-.495	.203	2.24	.160	-.681	.198	2.25	.155	-.571	.198
2.16	.155	-.762	.180	2.21	.181	-.942	.209	3.34	.238	-1.070	.204	3.37	.264	-1.027	.200
3.26	.252	-1.406	.180	3.29	.249	-1.687	.213	4.44	.323	-1.916	.209	4.49	.337	-1.927	.200
4.26	.326	-1.841	.193	4.39	.349	-2.087	.213	5.34	.412	-2.703	.213	5.34	.394	-2.772	.200
5.26	.396	-2.241	.193	5.39	.395	-3.141	.210	6.44	.512	-3.503	.217	6.44	.474	-3.504	.200
.02	.010	-.004	.127	.02	.017	-.015	.079	.02	.02	-.003	.112	.02	.009	-.003	.178
M = 1.75 Q = 8.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
8.98	.093	3.343	.225	8.91	.707	3.414	.190	8.72	.754	3.634	.144	8.52	.790	3.882	.107
7.87	.370	2.680	.223	7.68	.577	2.721	.190	7.43	.604	2.787	.147	7.44	.643	3.093	.107
6.76	.641	2.104	.215	6.58	.471	2.166	.188	6.53	.466	2.182	.145	6.35	.504	2.333	.104
5.66	.870	1.644	.209	5.49	.366	1.786	.184	5.45	.397	1.806	.142	5.28	.410	1.923	.104
4.58	.892	1.293	.245	4.41	.312	1.404	.179	4.38	.330	1.586	.140	4.21	.330	1.606	.105
3.49	.211	-.096	.202	3.33	.240	1.106	.173	3.31	.231	1.271	.137	3.15	.261	1.165	.105
2.41	.129	-.473	.200	2.25	.167	-.856	.169	2.21	.173	-.878	.132	2.09	.151	-.705	.104
1.32	.046	-.773	.200	1.15	.080	-.789	.167	1.14	.126	-.631	.132	1.03	.084	-.563	.104
.02	.010	-.004	.127	.02	.017	-.015	.079	.02	.02	-.003	.112	.02	.009	-.003	.178
M = 1.75 Q = 8.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.33	-.348	2.122	.293	-4.33	-.333	2.021	.213	-4.32	-.295	1.657	.203	-4.34	-.268	1.186	.197
-3.25	-.270	1.674	.225	-3.20	-.265	1.243	.203	-3.21	-.184	.791	.193	-3.22	-.182	.791	.287
-2.15	-.189	1.206	.224	-2.15	-.166	1.095	.203	-2.14	-.051	.482	.190	-2.13	-.031	.190	.293
-1.07	-.084	.963	.320	-1.07	-.091	.652	.203	.05	-.018	.027	.191	.04	.024	-.016	.192
.01	-.009	.122	.284	.03	.009	.055	.203	1.14	.080	-.324	.194	1.15	.082	-.240	.194
1.09	.072	-.316	.255	1.12	.092	-.495	.203	2.24	.160	-.681	.198	2.25	.155	-.571	.198
2.16	.155	-.762	.180	2.21	.181	-.942	.209	3.34	.238	-1.070	.204	3.37	.264	-1.027	.200
3.26	.252	-1.406	.180	3.29	.249	-1.687	.213	4.44	.323	-1.916	.209	4.49	.337	-1.927	.200
4.26	.326	-1.841	.193	4.39	.349	-2.087	.213	5.34	.412	-2.703	.213	5.34	.394	-2.772	.200
5.26	.396	-2.241	.193	5.39	.395	-3.141	.210	6.44	.512	-3.503	.217	6.44	.474	-3.504	.200
.02	.010	-.004	.127	.02	.017	-.015	.079	.02	.02	-.003	.112	.02	.009	-.003	.178
M = 1.75 Q = 8.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
8.98	.093	3.343	.225	8.91	.707	3.414	.190	8.72	.754	3.634	.144	8.52	.790	3.882	.107
7.87	.370	2.680	.223	7.68	.577	2.721	.190	7.43	.604	2.787	.147	7.44	.643	3.093	.107
6.76	.641	2.104	.215	6.58	.471	2.166	.188	6.53	.466	2.182	.145	6.35	.504	2.333	.104
5.66	.870	1.644	.209	5.49	.366	1.786	.184	5.45	.397	1.806	.142	5.28	.410	1.923	.104
4.58	.892	1.293	.245	4.41	.312	1.404	.179	4.38	.330	1.586	.140	4.21	.330	1.606	.105
3.49	.211	-.096	.202	3.33	.240	1.106	.173	3.31	.231	1.271	.137	3.15	.261	1.165	.105
2.41	.129	-.473	.200	2.25	.167	-.856	.169	2.21	.173	-.878	.132	2.09	.151	-.705	.104
1.32	.046	-.773	.200	1.15	.080	-.789	.167	1.14	.126	-.631	.132	1.03	.084	-.563	.104
.02	.010	-.004	.127	.02	.017	-.015	.079	.02	.02	-.003	.112	.02	.009	-.003	.178
M = 1.75 Q = 8.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.33	-.348	2.122	.293	-4.33	-.333	2.021	.213	-4.32	-.295	1.657	.203	-4.34	-.268	1.186	.197
-3.25	-.270	1.674	.225	-3.20	-.265	1.243	.203	-3.21	-.184	.791	.193	-3.22	-.182	.791	.287
-2.15	-.189	1.206	.224	-2.15	-.166	1.095	.203	-2.14	-.051	.482	.190	-2.13	-.031	.190	.293
-1.07	-.084	.963	.320	-1.07	-.091	.652	.203	.05	-.018	.027	.191	.04	.024	-.016	.192
.01	-.009	.122	.284	.03	.009	.055	.203	1.14	.080	-.324	.194	1.15	.082	-.240	.194
1.09	.072	-.316	.255	1.12	.092	-.495	.203	2.24	.160	-.681	.198	2.25	.155	-.571	.198
2.16	.155	-.762	.180	2.21	.181	-.942	.209	3.34	.238	-1.070	.204	3.37	.264	-1.027	.200
3.26	.252	-1.406	.180	3.29	.249	-1.687	.213	4.44	.323	-1.916	.209	4.49	.337	-1.927	.200
4.26	.326	-1.841	.193	4.39	.349	-2.087	.213	5.34	.412	-2.703	.213	5.34	.394	-2.772	.200
5.26	.396	-2.241	.193	5.39	.395	-3.141	.210	6.44	.512	-3.503	.217	6.44	.474	-3.504	.200
.02	.010	-.004	.127	.02	.017	-.015	.079	.02	.02	-.003	.112	.02	.009	-.003	.178
M = 1.75 Q = 8.200 RN = .3500				M = 2.00 Q = 5.850 RN = .3500				M = 2.50 Q = 4.930 RN = .3100				M = 3.00 Q = 4.130 RN = .3100			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
8.98	.093	3.343	.225	8.91	.707	3.414	.190	8.72	.754	3.634	.144	8.52	.790	3.882	.107
7.87	.370	2.680	.223	7.68	.577	2.721	.190	7.43	.604	2.787	.147	7.44	.643	3.093	.107
6.76	.641	2.104	.215	6.58	.471	2.166	.188	6.53	.466	2.182	.145	6.35	.504	2.333	.104
5.66	.870	1.644	.209	5.49	.366	1.786	.184	5.45	.397	1.806	.142	5.28	.410	1.923	.104
4.58	.892	1.293	.245	4.41	.312	1.404	.179	4.38	.330	1.586	.140	4.21	.330	1.606	.105
3.49	.211	-.096	.202	3.33	.240	1.106	.173	3.31	.231	1.271	.137	3.15	.261	1.165	.105
2.41	.129	-.473	.200	2.25	.167	-.856	.169	2.21	.173	-.878	.132	2.09	.151	-.705	.104
1.32	.046	-.773	.200	1.15	.080	-.789	.167	1.14							

Table 54. Aerodynamic Coefficients for Configuration BLT14X5

M = .80 Q = 5.700 RN = .3810				M = .90 Q = 4.520 RN = .4010				M = .95 Q = 6.750 RN = .4090				M = 1.00 Q = 7.090 RN = .4190			
ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF	ALP	CM	CAB	CAF
-4.32	-2.86	1.686	.206	-4.24	-2.56	1.377	.101	-4.27	-3.32	2.109	.146	-4.28	-3.06	1.862	.217
-2.16	-1.37	1.428	.205	-3.17	-1.81	.974	.090	-3.19	-2.37	1.529	.270	-3.21	-2.19	1.376	.280
-2.10	-1.37	1.428	.205	-2.11	-1.28	.776	.093	-2.12	-1.68	.972	.123	-2.12	-1.36	.843	.211
.02	.016	-.042	.128	-1.02	.015	-.028	.048	-1.05	-.070	.493	.117	-1.05	-.062	.824	.282
1.08	.092	-.077	.132	.02	.015	-.028	.048	.02	.011	-.001	.121	.03	.015	-.028	.195
2.16	.165	-.097	.140	1.10	.099	-.030	.094	1.10	.097	-.020	.124	1.10	.091	-.041	.196
3.20	.266	-.159	.153	2.16	.174	-.037	.107	2.17	.173	-.072	.141	2.18	.171	-.092	.202
4.26	.326	-.180	.157	3.23	.256	-.143	.118	3.24	.254	-.140	.140	3.26	.256	-.142	.215
5.30	.403	-.200	.167	4.30	.329	-.181	.126	4.32	.324	-.174	.140	4.34	.326	-.142	.233
6.34	.493	-.218	.174	5.34	.400	-.206	.132	5.36	.400	-.194	.145	5.38	.400	-.147	.248
7.38	.581	-.231	.180	6.45	.485	-.246	.144	6.47	.481	-.234	.175	6.49	.481	-.147	.263
8.42	.668	-.244	.186	7.52	.570	-.264	.156	7.54	.568	-.251	.186	7.56	.568	-.147	.278
9.46	.754	-.257	.190	8.56	.654	-.281	.168	8.58	.652	-.268	.198	8.60	.652	-.147	.293
10.50	.839	-.269	.194	9.60	.738	-.298	.180	9.62	.736	-.285	.210	9.64	.736	-.147	.308
11.54	.923	-.281	.198	10.64	.822	-.315	.192	10.66	.820	-.302	.222	10.68	.820	-.147	.323
12.58	1.007	-.293	.202	11.68	.906	-.332	.204	11.70	.904	-.319	.234	11.72	.904	-.147	.338
13.62	1.091	-.305	.206	12.72	.990	-.349	.216	12.74	.988	-.336	.246	12.76	.988	-.147	.353
14.66	1.175	-.317	.210	13.76	1.074	-.366	.228	13.78	1.072	-.353	.258	13.80	1.072	-.147	.368
15.70	1.259	-.329	.214	14.80	1.158	-.383	.240	14.82	1.156	-.370	.270	14.84	1.156	-.147	.383
16.74	1.343	-.341	.218	15.84	1.242	-.400	.252	15.86	1.240	-.387	.282	15.88	1.240	-.147	.398
17.78	1.427	-.353	.222	16.88	1.326	-.417	.264	16.90	1.324	-.404	.294	16.92	1.324	-.147	.413
18.82	1.511	-.365	.226	17.92	1.410	-.434	.276	17.94	1.408	-.421	.306	17.96	1.408	-.147	.428
19.86	1.595	-.377	.230	18.96	1.494	-.451	.288	18.98	1.492	-.438	.318	19.00	1.492	-.147	.443
20.90	1.679	-.389	.234	19.00	1.578	-.468	.300	19.02	1.576	-.455	.330	19.04	1.576	-.147	.458
21.94	1.763	-.401	.238	20.04	1.662	-.485	.312	20.06	1.660	-.472	.342	20.08	1.660	-.147	.473
22.98	1.847	-.413	.242	21.08	1.746	-.502	.324	21.10	1.744	-.489	.354	21.12	1.744	-.147	.488
24.02	1.931	-.425	.246	22.12	1.830	-.519	.336	22.14	1.828	-.506	.366	22.16	1.828	-.147	.503
25.06	2.015	-.437	.250	23.16	1.914	-.536	.348	23.18	1.912	-.523	.378	23.20	1.912	-.147	.518
26.10	2.099	-.449	.254	24.20	2.000	-.553	.360	24.22	1.998	-.540	.390	24.24	1.998	-.147	.533
27.14	2.183	-.461	.258	25.24	2.084	-.570	.372	25.26	2.082	-.557	.402	25.28	2.082	-.147	.548
28.18	2.267	-.473	.262	26.28	2.168	-.587	.384	26.30	2.166	-.574	.414	26.32	2.166	-.147	.563
29.22	2.351	-.485	.266	27.32	2.252	-.604	.396	27.34	2.250	-.591	.426	27.36	2.250	-.147	.578
30.26	2.435	-.497	.270	28.36	2.336	-.621	.408	28.38	2.334	-.608	.438	28.40	2.334	-.147	.593
31.30	2.519	-.509	.274	29.40	2.420	-.638	.420	29.42	2.418	-.625	.450	29.44	2.418	-.147	.608
32.34	2.603	-.521	.278	30.44	2.504	-.655	.432	30.46	2.502	-.642	.462	30.48	2.502	-.147	.623
33.38	2.687	-.533	.282	31.48	2.588	-.672	.444	31.50	2.586	-.659	.474	31.52	2.586	-.147	.638
34.42	2.771	-.545	.286	32.52	2.672	-.689	.456	32.54	2.670	-.676	.486	32.56	2.670	-.147	.653
35.46	2.855	-.557	.290	33.56	2.756	-.706	.468	33.58	2.754	-.693	.498	33.60	2.754	-.147	.668
36.50	2.939	-.569	.294	34.60	2.840	-.723	.480	34.62	2.838	-.710	.510	34.64	2.838	-.147	.683
37.54	3.023	-.581	.298	35.64	2.924	-.740	.492	35.66	2.922	-.727	.522	35.68	2.922	-.147	.698
38.58	3.107	-.593	.302	36.68	3.008	-.757	.504	36.70	3.006	-.744	.534	36.72	3.006	-.147	.713
39.62	3.191	-.605	.306	37.72	3.092	-.774	.516	37.74	3.090	-.761	.546	37.76	3.090	-.147	.728
40.66	3.275	-.617	.310	38.76	3.176	-.791	.528	38.78	3.174	-.778	.558	38.80	3.174	-.147	.743
41.70	3.359	-.629	.314	39.80	3.260	-.808	.540	39.82	3.258	-.795	.570	39.84	3.258	-.147	.758
42.74	3.443	-.641	.318	40.84	3.344	-.825	.552	40.86	3.342	-.812	.582	40.88	3.342	-.147	.773
43.78	3.527	-.653	.322	41.88	3.428	-.842	.564	41.90	3.426	-.829	.594	41.92	3.426	-.147	.788
44.82	3.611	-.665	.326	42.92	3.512	-.859	.576	42.94	3.510	-.846	.606	42.96	3.510	-.147	.803
45.86	3.695	-.677	.330	43.96	3.596	-.876	.588	43.98	3.594	-.863	.618	44.00	3.594	-.147	.818
46.90	3.779	-.689	.334	44.00	3.680	-.893	.600	44.02	3.680	-.880	.630	44.04	3.680	-.147	.833
47.94	3.863	-.701	.338	45.04	3.764	-.910	.612	45.06	3.762	-.897	.642	45.08	3.762	-.147	.848
48.98	3.947	-.713	.342	46.08	3.848	-.927	.624	46.10	3.846	-.914	.654	46.12	3.846	-.147	.863
49.02	4.031	-.725	.346	47.12	3.932	-.944	.636	47.14	3.930	-.931	.666	47.16	3.930	-.147	.878
50.06	4.115	-.737	.350	48.16	4.016	-.961	.648	48.18	4.014	-.948	.678	48.20	4.014	-.147	.893
51.10	4.199	-.749	.354	49.20	4.100	-.978	.660	49.22	4.098	-.965	.690	49.24	4.098	-.147	.908
52.14	4.283	-.761	.358	50.24	4.184	-.995	.672	50.26	4.182	-.982	.702	50.28	4.182	-.147	.923
53.18	4.367	-.773	.362	51.28	4.268	-.1.012	.684	51.30	4.266	-.1.009	.714	51.32	4.266	-.147	.938
54.22	4.451	-.785	.366	52.32	4.352	-.1.029	.696	52.34	4.350	-.1.026	.726	52.36	4.350	-.147	.953
55.26	4.535	-.797	.370	53.36	4.436	-.1.046	.708	53.38	4.434	-.1.043	.738	53.40	4.434	-.147	.968
56.30	4.619	-.809	.374	54.40	4.520	-.1.063	.720	54.42	4.518	-.1.060	.750	54.44	4.518	-.147	.983
57.34	4.703	-.821	.378	55.44	4.604	-.1.080	.732	55.46	4.602	-.1.077	.762	55.48	4.602	-.147	.998
58.38	4.787	-.833	.382	56.48	4.688	-.1.097	.744	56.50	4.686	-.1.094	.774	56.52	4.686	-.147	.1.013
59.42	4.871	-.845	.386	57.52	4.772	-.1.114	.756	57.54	4.770	-.1.111	.786	57.56	4.770	-.147	.1.028
60.46	4.955	-.857	.390	58.56	4.856	-.1.131	.768	58.58	4.854	-.1.128	.798	58.60	4.854	-.147	.1.043
61.50	5.039	-.869	.394	59.60	4.940	-.1.148	.780	59.62	4.938	-.1.145	.810	59.64	4.938	-.147	.1.058
62.54	5.123	-.881	.398	60.64	5.024	-.1.165	.792	60.66	5.022	-.1.162	.822	60.68	5.022	-.147	.1.073
63.58	5.207	-.893	.402	61.68	5.108	-.1.182	.804	61.70	5.106	-.1.179	.834	61.72	5.106	-.147	.1.088
64.62	5.291	-.905	.406	62.72	5.192	-.1.199	.816	62.74	5.190	-.1.196	.846	62.76	5.190	-.147	.1.103
65.66	5.375	-.917	.410	63.76	5.276	-.1.216	.828	63.78	5.274	-.1.213	.858	63.80	5.274	-.147	.1.118
66.70	5.459	-.929	.414	64.80	5.360	-.1.233	.840	64.82	5.358	-.1.230	.870	64.84	5.358	-.147	.1.133
67.74	5.543	-.941	.418	65.84	5.444	-.1.250	.852	65.86	5.442	-.1.247	.882	65.88	5.442	-.147	.1.148
68.78	5.627	-.953	.422	66.88	5.528	-.1.267	.864	66.90	5.526	-.1.264	.894	66.92	5.526	-.147	.1.163
69.82	5.711	-.965	.426	67.92	5.612	-.1.284	.876	67.94	5.610	-.1.281	.906	67.96	5.610	-.147	.1.178
70.86	5.795	-.977	.430	68.96	5.696	-.1.301	.888	68.98	5.694	-.1.298	.918	69.00	5.694	-.147	.1.193
71.90	5.879	-.989	.434	69.00	5.780	-.1.318	.900	69.02	5.778	-.1.315	.930	69.04	5.778	-.147	.1.208
72.94	5.963	-.1.001	.438	70.04	5.864	-.1.335	.912	70.06	5.862	-.1.332	.942	70.08	5.862	-.147	.1.223
73.98	6.047	-.1.013	.442	71.08	5.948	-.1.352	.924	71.10	5.946	-.1.349	.954	71.12	5.946	-.147	.1.238
74.02	6.131	-.1.025	.446	72.12	6.032	-.1.369	.936	72.14	6.030	-.1.366	.966	72.16	6.030	-.147	.1.253
75.06	6.215	-.1.037	.450	73.16	6.116	-.1.386	.948	73.18	6.114	-.1.383	.978	73.20	6.114	-.	

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