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TRANSONIC WIND TUNNEL TESTS ON A MISSILE
MODEL WITH CANARD WINGS. VOLUME III

R. E. de Kuyper

Calspan Corporation

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TECHNICAL REPORT

AEROSCIENCES DIVISION 8-FOOT TRANSONIC WIND TUNNEL

TRANSONIC WIND TUNNEL TESTS ON A
MISSILE MODEL WITH CANARD WINGS

Volume III of III
W.A. T17-093

R.E. de Kuyper
Report No. AA-4017-W-9

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ARMY MISSILE COMMAND
HUNTSVILLE, ALABAMA

JULY, 1973
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PREPARED BY: *R.E. de Kuyper*
R.E. de Kuyper

APPROVED BY: *C.F. Reid, Jr.*
C.F. Reid, Jr.

R.W. Cotter
R.W. Cotter

KEY TO TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd	M_c	α	ϕ							
10										
11	$C_{N_{T_1}}$	$C_{HM_{T_1}}$	$C_{BM_{T_1}}$	CPX_{T_1}	CPY_{T_1}	$C_{N_{T_2}}$	$C_{HM_{T_2}}$	$C_{BM_{T_2}}$	CPX_{T_2}	CPY_{T_2}
12	$C_{N_{T_3}}$	$C_{HM_{T_3}}$	$C_{BM_{T_3}}$	CPX_{T_3}	CPY_{T_3}	$C_{N_{T_4}}$	$C_{HM_{T_4}}$	$C_{BM_{T_4}}$	CPX_{T_4}	CPY_{T_4}

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

20	4	10	0.899	-3.08	-0.004	0.2068	2.9849	-0.0737	-0.0263	-0.0243	1.7799	1.6473
		11	0.0074	0.0003	0.0044	0.3824	1.6838	-0.0627	-0.0223	-0.0213	1.7804	1.7018
		12	0.0031	0.0015	0.0010							
20	5	10	0.901	-1.04	-0.00	-0.0617	3.7279	-0.0232	-0.0081	-0.0071	1.7564	1.5443
		11	0.0057	-0.0000	0.0042	2.2775	1.3771	-0.0133	-0.0042	-0.0052	1.6073	1.9836
		12	0.0027	0.0012	0.0007							
20	6	10	0.900	-0.04	-0.00	-0.5128	4.6847	-0.0027	-0.0007	0.0006	1.3958	-1.1463
		11	0.0044	-0.0004	0.0041	2.0944	0.8415	0.0099	0.0034	0.0024	1.7496	1.2171
		12	0.0045	0.0019	0.0007							
20	7	10	0.901	0.52	-0.00	-0.1971	3.8397	0.0105	0.0034	0.0048	1.6509	2.2774
		11	0.0051	-0.0002	0.0039	2.0147	0.7286	0.0221	0.0079	0.0066	1.7890	1.5021
		12	0.0031	0.0012	0.0004							
20	8	10	0.900	1.01	-0.00	-0.1927	3.9853	0.0236	0.0082	0.0086	1.7461	1.8371
		11	0.0051	-0.0001	0.0041	2.0501	1.0625	0.0322	0.0117	0.0101	1.8203	1.5680
		12	0.0043	0.0017	0.0009							
20	9	10	0.899	3.13	-0.00	-0.6225	3.6082	0.0751	0.0262	0.0263	1.7475	1.7533
		11	0.0048	-0.0006	0.0035	2.3214	0.5057	0.0834	0.0296	0.0277	1.7802	1.6643
		12	0.0030	0.0014	0.0003							
20	10	10	0.900	6.22	-0.00	-1.1459	4.4852	0.1806	0.0606	0.0634	1.6799	1.7563
		11	0.0037	-0.0008	0.0033	2.0749	0.2270	0.1818	0.0614	0.0630	1.6904	1.7343
		12	0.0033	0.0014	0.0001							
20	11	10	0.897	9.33	-0.00	0.4639	-67.8079	0.3111	0.0921	0.1111	1.4808	1.7864
		11	-0.0001	-0.0023	0.0019	2.1268	-0.3120	0.3106	0.0916	0.1108	1.4754	1.7840
		12	-0.0024	0.0010	-0.0001							
20	12	10	0.899	12.47	-0.00	-4.6942	6.8693	0.4294	0.0744	0.1517	0.8671	1.7667
		11	0.0018	-0.0017	0.0025	1.6415	-0.1922	0.4305	0.0762	0.1529	0.8851	1.7756
		12	0.0038	0.0012	-0.0001							
20	13	10	0.900	-0.02	-0.00	-0.4900	4.0271	-0.0018	-0.0009	0.0006	2.3945	-1.6569
		11	0.0047	-0.0004	0.0038	1.9423	0.8946	0.0099	0.0032	0.0022	1.6324	1.1489
		12	0.0068	0.0026	0.0012							
21	3	10	0.899	-3.10	-0.00	0.6762	1.9648	-0.0632	-0.0217	-0.0216	1.7238	1.7103
		11	0.0116	0.0015	0.0045							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
			0.0052	0.0018	0.0012	1.6108	1.1749	-0.0504	-0.0170	-0.0170	-0.0170	1.6884	1.7691							
21	0	10	0.900	-1.08	-0.00	0.3997	2.2708	-0.0019	-0.0010	-0.0020	2.5871	5.1794								
		11	0.0084	0.0006	0.0038	1.7585	0.9147	0.0079	0.0029	0.0006	1.8194	0.5803								
		12	0.0050	0.0017	0.0009															
21	5	10	0.899	-0.04	-0.00	0.1956	2.2704	0.0166	0.0056	0.0049	1.6964	1.4956								
		11	0.0070	0.0002	0.0032	1.8788	0.6184	0.0240	0.0088	0.0068	1.8383	1.4193								
		12	0.0037	0.0014	0.0004															
21	6	10	0.899	-1.08	-0.00	0.3367	2.5165	-0.0050	-0.0020	-0.0026	2.0067	2.6396								
		11	0.0081	0.0005	0.0041	1.9438	1.1792	0.0062	0.0022	0.0000	1.8248	0.0009								
		12	0.0038	0.0015	0.0009															
21	7	10	0.901	0.51	-0.00	-0.0834	2.7675	0.0232	0.0082	0.0080	1.7716	1.7287								
		11	0.0060	-0.0001	0.0033	1.6579	0.9854	0.0317	0.0118	0.0094	1.8691	1.4947								
		12	0.0054	0.0020	0.0010															
21	8	10	0.898	0.99	-0.00	-0.0797	2.8926	0.0333	0.0120	0.0114	1.8042	1.7210								
		11	0.0060	-0.0000	0.0035	1.8382	0.6835	0.0422	0.0158	0.0131	1.8795	1.5576								
		12	0.0044	0.0016	0.0006															
21	9	10	0.898	3.09	-0.00	-0.1995	2.3393	0.0908	0.0324	0.0307	1.7883	1.6902								
		11	0.0062	-0.0002	0.0029	2.0291	0.8643	0.0956	0.0347	0.0313	1.8532	1.6752								
		12	0.0053	0.0021	0.0009															
21	10	10	0.898	6.18	-0.00	0.1029	2.3343	0.1846	0.0620	0.0638	1.6794	1.7283								
		11	0.0072	0.0001	0.0033	1.8573	0.8429	0.1882	0.0638	0.0654	1.6954	1.7392								
		12	0.0055	0.0020	0.0009															
21	11	10	0.899	9.30	-0.00	-3.1553	2.3530	0.3138	0.0925	0.1115	1.4752	1.7773								
		11	0.0029	-0.0018	0.0013	3.6873	0.7222	0.3138	0.0922	0.1121	1.4692	1.7867								
		12	0.0064	0.0021	0.0009															
21	12	10	0.898	12.46	-0.00	-1.2627	1.9496	0.4297	0.0725	0.1515	0.8438	1.7634								
		11	0.0046	-0.0011	0.0018	1.4829	0.1398	0.4317	0.0748	0.1532	0.8666	1.7747								
		12	0.0056	0.0016	0.0001															
21	13	10	0.899	-0.04	-0.00	0.2520	2.1060	0.0138	0.0043	0.0068	1.5801	1.5732								
		11	0.0079	0.0004	0.0033	2.0501	1.0625	0.0249	0.0089	0.0068	1.7958	1.5677								
		12	0.0064	0.0026	0.0013															
22	4	10	0.900	-3.09	-0.00															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key \longleftrightarrow

Run Pt.	Cd																			
25	4	10	11	12	0.0053	0.0021	0.0010	2.0500	1.0105	-0.0227	-0.0082	-0.0069	1.6127	1.5353						
					0.897	0.57	-0.00	0.0139	2.4062	-0.0240	-0.0091	-0.0052	1.9094	1.0031						
					0.0070	0.0000	0.0033	2.2725	0.9114	-0.0134	-0.0049	-0.0024	1.6516	0.9002						
					0.0042	0.0019	0.0007													
25	5	10	11	12	0.898	1.04	-0.00	0.2625	2.4888	-0.0124	-0.0053	-0.0012	2.1542	0.5060						
					0.0060	0.0004	0.0039	2.1358	0.8037	-0.0007	-0.0008	0.0016	5.6598	1.7905						
					0.0047	0.0020	0.0007													
25	6	10	11	12	0.898	3.14	-0.00	0.0985	2.3275	0.0602	0.0191	0.0212	1.5868	1.7682						
					0.0075	0.0001	0.0035	2.6835	0.4927	0.0660	0.0215	0.0222	1.6298	1.6891						
					0.0031	0.0016	0.0003													
25	7	10	11	12	0.897	6.23	-0.00	0.1687	2.1655	0.1725	0.0576	0.0592	1.6713	1.7167						
					0.0081	0.0002	0.0035	2.6303	0.5713	0.1719	0.0578	0.0591	1.6811	1.7207						
					0.0027	0.0014	0.0003													
25	8	10	11	12	0.897	9.30	-0.00	-2.9254	3.4550	0.3064	0.0908	0.1088	1.4823	1.7761						
					0.0026	-0.0015	0.0018	-2.1326	0.4268	0.3062	0.0912	0.1092	1.4889	1.7855						
					0.0036	0.0015	0.0003													
25	0	10	11	12	0.899	12.47	0.00	1.8371	132.7009	0.4289	0.0725	0.1511	0.8460	1.7719						
					0.0000	-0.0023	0.0009													
					0.0045	0.0016	0.0003													
25	10	10	11	12	0.900	0.03	-0.00	-0.0785	2.7360	-0.0309	-0.0117	-0.0087	1.8984	1.9154						
					0.0064	-0.0001	0.0035	-2.2099	0.8869	-0.0220	-0.0080	-0.0069	1.8304	1.5742						
					0.0051	0.0022	0.0009													
26	3	10	11	12	0.897	3.02	-0.00	0.4367	2.4577	-0.0941	-0.0351	-0.0312	1.8649	1.6983						
					0.0094	0.0008	0.0046	2.2765	1.2834	-0.0842	-0.0310	-0.0286	1.8411	1.6999						
					0.0042	0.0019	0.0010													
26	4	10	11	12	0.898	0.97	-0.00	0.3342	2.4236	-0.0492	-0.0185	-0.0151	1.8835	1.5342						
					0.0083	0.0005	0.0040	2.0513	1.2430	-0.0424	-0.0157	-0.0141	1.8529	1.6442						
					0.0043	0.0017	0.0010													
26	5	10	11	12	0.899	0.03	-0.00	0.5106	2.3275	-0.0354	-0.0129	-0.0094	1.8240	1.3306						
					0.0092	0.0009	0.0043	1.8388	0.6563	-0.0281	-0.0098	-0.0086	1.7463	1.5340						
					0.0045	0.0016	0.0007													
26	6	10			0.898	0.57	-0.00													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																					
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15							
30	24	10	1.259	-0.0021	9.39	-0.0006	1.8944	-0.6258	0.3021	0.0674	0.1074	1.1163	1.7772	0.0127	0.0049	0.0021	0.0006	1.9287	0.8356	0.2931	0.0703	0.1032	1.2005	1.7603
		12	-0.0071	0.0021	-0.0051	0.0000	1.4897	0.0609	0.4198	0.0805	0.1497	0.9586	1.7833	-0.0122	0.0051	-0.0029	0.0000	2.0822	1.1915	0.4074	0.0809	0.1451	0.9927	1.7808
30	26	10	1.251	-0.0004	0.04	-0.0000	-0.1768	2.7191	0.0068	0.0015	0.0023	1.1102	1.7452	0.0123	0.0043	0.0022	0.0000	1.7639	0.9108	0.0139	0.0053	0.0027	1.9100	0.9954
		12	0.0071	0.0002	-0.0002	0.0039	0.1261	2.6071	-0.0724	-0.0270	-0.0241	1.8690	1.6638	0.0113	0.0043	0.0018	0.0047	1.9870	0.7994	-0.0644	-0.0226	-0.0229	1.7610	1.7814
31	1	10	1.249	-0.0001	0.05	-0.0000	-0.1046	2.8124	-0.0194	-0.0085	-0.0063	2.1922	1.6321	0.0074	0.0022	0.0019	0.0041	1.3268	1.1591	-0.0105	-0.0040	-0.0053	1.9344	2.5417
		12	0.0083	0.0022	-0.0003	0.0003	-0.2428	2.9379	0.0018	-0.0006	0.0005	-1.6647	1.5605	0.0102	0.0033	0.0021	0.0041	1.6413	1.0562	0.0100	0.0037	0.0015	-1.8497	0.7814
31	4	10	1.248	-0.0006	0.55	-0.0036	-0.5242	2.9543	0.0152	0.0049	0.0049	1.6446	1.6269	0.0105	0.0034	0.0024	0.0036	1.6208	1.1778	0.0209	0.0081	0.0054	1.9420	1.3121
		12	0.0126	0.0043	-0.0003	0.0024	-0.2842	2.6745	0.0271	0.0097	0.0093	1.7981	1.7167	0.0063	0.0043	0.0024	0.0033	1.7272	0.9828	0.0325	0.0127	0.0095	1.9494	1.4596
31	9	10	1.248	-0.0004	0.03	-0.0000	0.3353	2.9478	0.0297	0.0109	0.0111	1.8368	1.8681	0.0063	0.0027	0.0023	0.0037	1.3442	1.1597	0.0317	0.0131	0.0097	2.0722	1.5299
		12	0.0102	0.0027	0.0014	0.0023	0.1330	3.0519	0.0841	0.0266	0.0291	1.7024	1.7309	0.0048	0.0014	0.0024	0.0029	0.8011	1.4146	0.0841	0.0304	0.0276	1.8093	1.6431
31	10	10	1.250	-0.0027	6.27	-0.0019	-14.5124	27.6911	0.1629	0.0513	0.0640	1.4050	1.7519	0.0003	0.0020	0.0024	0.0019	0.9947	1.1944	0.1800	0.0537	0.0618	1.4934	1.7189
		12	0.0103	-0.0020	0.0020	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key														
31	12	10	1.249	9.42	-0.00	1.5908	-0.4321	0.3015	0.0676	0.1074	1.1213	1.7808					
	11	11	-0.0054	-0.0017	0.0004	1.5701	0.9263	0.2926	0.0706	0.1032	1.2069	1.7631					
	12	12	0.0091	0.0028	0.0016												
31	13	10	1.249	12.60	-0.00	1.2622	0.2494	0.4175	0.0805	0.1495	0.9643	1.7907					
	11	11	-0.0084	-0.0021	-0.0004	1.9707	1.1265	0.4028	0.0808	0.1436	1.0039	1.7823					
	12	12	0.0124	0.0049	0.0028												
31	14	10	1.250	-0.03	-0.00	0.2110	2.7105	0.0028	0.0003	0.0019	0.5863	3.4458					
	11	11	0.0076	0.0003	0.0041	1.2855	1.1242	0.0091	0.0039	0.0017	2.1733	0.9730					
	12	12	0.0084	0.0021	0.0019												
32	1	10	1.248	-3.10	-0.00	0.3466	2.7814	-0.0724	-0.0271	-0.0237	1.8695	1.6392					
	11	11	0.0074	0.0005	0.0041	1.7584	0.8376	-0.0681	-0.0235	-0.0238	1.7277	1.7491					
	12	12	0.0073	0.0025	0.0012												
32	2	10	1.249	-1.05	-0.00	0.2916	2.9177	-0.0220	-0.0095	-0.0066	2.1584	1.4977					
	11	11	0.0072	0.0004	0.0042	1.4463	1.1415	-0.0157	-0.0053	-0.0062	1.7108	1.9986					
	12	12	0.0088	0.0025	0.0020												
32	3	10	1.250	-0.02	-0.00	0.1576	2.7879	-0.0012	-0.0013	0.0006	3.5372	-2.8378					
	11	11	0.0072	0.0002	0.0040	1.4835	1.1145	0.0044	0.0022	0.0003	2.4961	0.3725					
	12	12	0.0095	0.0028	0.0021												
32	4	10	1.250	0.50	-0.00	0.0216	2.6729	0.0119	0.0040	0.0050	1.6853	2.0958					
	11	11	0.0069	0.0000	0.0036	1.1691	1.1730	0.0154	0.0062	0.0041	2.0211	1.3325					
	12	12	0.0100	0.0023	0.0023												
32	5	10	1.250	1.03	-0.00	0.0954	2.7930	0.0250	0.0089	0.0089	1.7937	1.7858					
	11	11	0.0068	0.0001	0.0038	1.2843	1.0929	0.0276	0.0110	0.0082	1.9887	1.4900					
	12	12	0.0103	0.0026	0.0022												
32	6	10	1.250	3.16	-0.00	0.4160	3.0306	0.0815	0.0276	0.0264	1.6962	1.7249					
	11	11	0.0050	0.0004	0.0030	1.2258	1.0275	0.0822	0.0294	0.0264	1.7876	1.6095					
	12	12	0.0104	0.0025	0.0021												
32	7	10	1.248	6.28	-0.00	-0.8906	7.9082	0.1815	0.0514	0.0635	1.4167	1.7497					
	11	11	0.0013	-0.0002	0.0021	1.3602	1.0451	0.1783	0.0536	0.0611	1.5037	1.7134					
	12	12	0.0108	0.0029	0.0022												
32	8	10	1.248	9.41	-0.00	1.5990	-0.2054	0.3024	0.0680	0.1072	1.1242	1.7733					
	11	11	0.0060	-0.0019	0.0002	2.0351	0.9216	0.2913	0.0703	0.1024	1.2070	1.7575					
	12	12	-0.0110	0.0044	0.0020												

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

32	9	11	-1.249	12.64	-0.006	1.4904	0.3330	0.4186	0.0805	0.1490	0.9618	1.7805
		11	0.0097	-0.0028	-0.0006	2.0797	0.8664	0.4063	0.0813	0.1443	1.0007	1.7763
		12	0.0123	0.0051	0.0021							
32	10	10	1.249	-0.003	-0.00	-0.1174	3.0884	-0.0017	-0.0015	0.0004	4.3101	-1.2951
		11	0.0063	-0.0001	0.0039	1.5779	1.0459	0.0043	0.0021	0.0002	2.4767	0.2574
		12	0.0102	0.0032	0.0021							
32	11	10	1.250	-3.10	-0.00	0.1085	3.1556	-0.0767	-0.0283	-0.0254	1.8494	1.6583
		11	0.0065	0.0001	0.0041	1.6941	0.9615	-0.0729	-0.0254	-0.0255	1.7452	1.7542
		12	0.0081	0.0027	0.0015							
33	1	10	1.249	-1.05	-0.00	0.0978	2.8747	-0.0287	-0.0121	-0.0088	2.1159	1.5337
		11	0.0068	0.0001	0.0039	1.2998	1.0076	-0.0227	-0.0085	-0.0085	1.8753	1.8750
		12	0.0094	0.0024	0.0019							
33	2	10	1.249	-3.09	-0.00	0.1676	2.9695	-0.0793	-0.0290	-0.0265	1.8317	1.6734
		11	0.0069	0.0002	0.0041	1.8212	0.8691	-0.0733	-0.0257	-0.0256	1.7533	1.7507
		12	0.0084	0.0030	0.0014							
33	3	10	1.250	-0.00	-0.00	-0.3841	3.3883	-0.0108	-0.0048	-0.0022	2.2354	1.0578
		11	0.0056	-0.0004	0.0038	0.0693	1.8591	-0.0054	-0.0017	-0.0023	1.6287	2.1140
		12	0.0060	0.0000	0.0022							
33	4	10	1.249	0.55	-0.00	-0.1456	3.4244	0.0023	0.0005	0.0023	1.1236	5.1211
		11	0.0050	-0.0001	0.0034	0.9402	1.3897	0.0054	0.0026	0.0013	2.4579	1.2221
		12	0.0088	0.0014	0.0024							
33	5	10	1.249	-1.05	-0.00	-0.2177	3.1569	0.0154	0.0052	0.0063	1.6908	2.0651
		11	0.0056	-0.0002	0.0035	0.8527	1.3279	0.0184	0.0073	0.0054	1.9793	1.4730
		12	0.0093	0.0015	0.0024							
33	6	10	1.249	3.14	-0.00	0.2274	3.0674	0.0741	0.0250	0.0256	1.6892	1.7282
		11	0.0049	0.0002	0.0030	0.8138	1.4763	0.0749	0.0264	0.0241	1.7615	1.6099
		12	0.0091	0.0014	0.0026							
33	7	10	-1.248	6.27	-0.00	6.8958	-22.6613	0.1787	0.0509	0.0621	1.4236	1.7385
		11	-0.0003	-0.0005	0.0016	1.2772	1.1728	0.1731	0.0526	0.0588	1.5209	1.6978
		12	-0.0124	0.0031	0.0029							
33	8	10	-1.249	-9.41	-0.00	1.2069	-0.0199	0.2988	0.0674	0.1057	1.1292	1.7686
		11	-0.0064	-0.0015	0.0000	1.6919	1.0966	0.2866	0.0697	0.1003	1.2161	1.7501
		12	-0.0127	0.0043	0.0028							

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key →

Run	Pt.	Cd																			
33	9	10	1.249	12.66	-0.000	1.3380	0.3888	0.4135	0.0795	0.1471	0.9612	1.7792									
		11	-0.0082	-0.0022	-0.0006	1.6637	1.1603	0.4013	0.0806	0.1421	1.0041	1.7710									
		12	0.0096	0.0032	0.0022																
33	10	10	1.250	-0.003	-0.000	0.3903	3.1906	-0.0103	-0.0047	-0.0025	2.2822	1.2104									
		11	0.0056	-0.0004	0.0035	0.3053	1.5872	-0.0056	-0.0018	-0.0024	1.6665	2.1566									
		12	0.0074	0.0004	0.0023																
34	1	10	1.248	-3.06	-0.000	0.3544	2.6475	-0.0851	-0.0310	-0.0287	1.8229	1.6861									
		11	0.0072	0.0005	0.0038	0.8461	1.8246	-0.0782	-0.0271	-0.0275	1.7353	1.7594									
		12	0.0046	0.0007	0.0016																
34	2	10	1.251	-1.01	-0.000	0.1001	2.9563	-0.0353	-0.0147	-0.0111	2.0853	1.5798									
		11	0.0068	0.0001	0.0040	0.5019	1.5963	-0.0303	-0.0116	-0.0111	1.9289	1.8355									
		12	0.0074	0.0007	0.0023																
34	3	10	1.250	-0.000	-0.000	0.2733	3.0293	-0.0224	-0.0092	-0.0058	2.0554	1.3069									
		11	0.0063	-0.0003	0.0038	0.5152	1.5350	-0.0171	-0.0060	-0.0057	1.7567	1.6897									
		12	0.0081	0.0008	0.0024																
34	4	10	1.248	0.0007	-0.000	0.1414	3.2610	-0.0122	-0.0048	-0.0013	1.9869	0.5670									
		11	0.0053	-0.0001	0.0034	0.4320	1.6068	-0.0094	-0.0026	-0.0024	1.3824	1.2865									
		12	0.0084	0.0007	0.0027																
34	5	10	1.249	1.06	-0.000	0.2177	3.1569	0.0013	-0.0005	0.0026	-1.9213	9.6076									
		11	0.0057	-0.0002	0.0036	0.2939	1.5342	0.0051	0.0020	0.0018	1.9666	1.8565									
		12	0.0077	0.0004	0.0023																
34	6	10	1.249	3.17	-0.000	0.0055	3.8783	0.0646	0.0215	0.0222	1.6623	1.7193									
		11	0.0056	-0.0007	0.0028	0.3217	1.5488	0.0663	0.0232	0.0209	1.7505	1.5796									
		12	0.0083	0.0005	0.0025																
34	7	10	1.249	6.31	-0.000	0.0018	1.6399	0.1724	0.0497	0.0594	1.4440	1.7240									
		11	0.0000	-0.0006	0.0030	0.5907		0.1688	0.0515	0.0571	1.5277	1.6930									
		12	0.0092	0.0010	0.0030																
34	8	10	1.249	9.46	-0.000	0.9872	-0.0211	0.2989	0.0673	0.1054	1.1263	1.7636									
		11	0.0069	-0.0013	0.0000	0.9856	1.5916	0.2862	0.0698	0.1000	1.2193	1.7479									
		12	0.0099	0.0019	0.0031																
34	0	10	1.247	12.67	-0.000	1.5401	0.6195	0.4156	0.0800	0.1476	0.9623	1.7761									
		11	0.0115	-0.0035	-0.0014	1.4180	1.1621	0.4036	0.0809	0.1428	1.0025	1.7699									
		12	0.0077	0.0022	0.0018																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																						
34	10	10	1.250	-0.000	-0.000	0.000	0.000	-0.0415	3.1364	-0.0208	-0.0087	-0.0057	2.0974	1.3760	0.0062	0.0004	0.0039	0.0027	0.2783	1.7023	-0.0177	-0.0062	-0.0060	1.7637	1.7168
35	3	10	1.248	-3.005	0.0013	0.0041	0.8195	0.9856	2.4798	-0.0883	-0.0318	-0.0289	1.8035	1.6381	0.0049	0.0009	0.0015	0.0015	0.9856	1.5916	-0.0843	-0.0283	-0.0291	1.6816	1.7295
35	4	10	1.250	-1.007	0.0001	0.0040	0.4691	0.1102	2.6851	-0.0429	-0.0171	-0.0127	1.9958	1.4880	0.0048	0.0001	0.0018	0.0018	0.4691	1.6746	-0.0395	-0.0141	-0.0152	1.7890	1.6747
35	5	10	1.249	0.006	0.0002	0.0037	0.4830	0.2051	2.9200	-0.0301	-0.0117	-0.0079	1.9418	1.5154	0.0066	0.0006	0.0022	0.0022	0.4830	1.6987	-0.0289	-0.0092	-0.0089	1.6014	1.5563
35	6	10	1.249	0.000	0.0000	0.0038	0.5799	0.0668	2.7598	-0.0256	-0.0095	-0.0052	1.8648	1.0317	0.0060	0.0000	0.0023	0.0023	0.5799	1.9549	-0.0252	-0.0073	-0.0066	1.4531	1.3175
35	7	10	1.249	1.09	0.0002	0.0034	0.3836	0.1897	3.1544	-0.0126	-0.0049	0.0003	1.9481	-0.1327	0.0071	0.0002	0.0021	0.0021	0.3836	1.4957	-0.0119	-0.0030	-0.0013	1.2579	-0.3502
35	8	10	1.249	3.20	0.0012	0.0032	0.5004	0.6719	3.1539	0.0591	0.0191	0.0206	1.6164	1.7500	0.0051	0.0012	0.0028	0.0028	0.5004	1.5762	0.0560	0.0197	0.0184	1.7565	1.6460
35	9	10	1.249	6.34	0.0013	0.0027	1.7824	0.7527	-3.7722	0.1674	0.0492	0.0580	1.4710	1.7333	-0.0019	0.0013	0.0027	0.0027	1.7824	1.4603	0.1608	0.0502	0.0545	1.5629	1.6972
35	10	10	1.250	9.47	0.0018	0.0019	1.3775	1.1099	-0.1894	0.2917	0.0669	0.1035	1.1472	1.7740	-0.0066	0.0018	0.0019	0.0019	1.3775	1.1755	0.2795	0.0693	0.0984	1.2398	1.7607
35	11	10	1.250	12.65	0.0038	0.0029	1.2786	1.6025	0.9053	0.4089	0.0792	0.1458	0.9693	1.7827	-0.0146	0.0037	0.0029	0.0029	1.2786	1.3612	0.3949	0.0806	0.1404	1.0210	1.7780
35	12	10	1.249	0.04	0.0010	0.0022	0.7121	0.7288	2.6430	-0.0300	-0.0116	-0.0080	1.9421	1.3346	0.0070	0.0010	0.0022	0.0022	0.7121	1.5826	-0.0289	-0.0091	-0.0092	1.5866	1.6015

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																			
36	1	1.252	-5.01	-0.00	0.5699	2.6878	-0.0922	-0.0332	-0.0302	1.7997	1.6379									
	11	0.0088	0.0010	0.0047	0.9152	1.6187	-0.0869	-0.0292	-0.0299	1.6804	1.7234									
	12	0.0063	0.0011	0.0020																
36	2	1.247	-0.98	-0.00	0.5841	2.9211	-0.0481	-0.0190	-0.0148	1.9734	1.5386									
	11	0.0069	0.0008	0.0040	0.8787	1.4664	-0.0457	-0.0161	-0.0155	1.7635	1.7002									
	12	0.0065	0.0011	0.0019																
36	3	1.250	0.06	-0.00	0.4050	3.0488	-0.0356	-0.0137	-0.0098	1.9283	1.3797									
	11	0.0065	0.0005	0.0039	0.3211	1.4839	-0.0336	-0.0113	-0.0109	1.6824	1.6250									
	12	0.0072	0.0004	0.0021																
36	4	1.249	0.62	-0.00	0.4027	2.9623	-0.0330	-0.0115	-0.0080	1.7441	1.2232									
	11	0.0065	0.0005	0.0038	0.1858	1.6572	-0.0327	-0.0098	-0.0095	1.4994	1.4639									
	12	0.0071	0.0002	0.0023																
36	5	1.250	1.12	-0.00	0.4166	2.9042	-0.0302	-0.0102	-0.0053	1.6925	0.8804									
	11	0.0062	0.0005	0.0036	0.2085	1.5595	-0.0296	-0.0085	-0.0070	1.4434	1.1806									
	12	0.0083	0.0003	0.0026																
36	6	1.248	3.22	-0.00	0.5743	3.0606	0.0520	0.0156	0.0188	1.5039	1.8124									
	11	0.0053	0.0006	0.0032	0.7862	1.4159	0.0526	0.0171	0.0174	1.6340	1.6591									
	12	0.0084	0.0013	0.0023																
36	7	1.248	6.35	-0.00	1.2925	17.6414	0.1644	0.0484	0.0569	1.4745	1.7313									
	11	0.0005	-0.0001	0.0018	1.1901	1.2759	0.1562	0.0490	0.0531	1.5702	1.7010									
	12	0.0111	0.0026	0.0028																
36	8	1.249	9.46	-0.00	1.1174	0.0608	0.2901	0.0666	0.1025	1.1487	1.7676									
	11	0.0070	-0.0015	-0.0000	1.6413	1.0595	0.2784	0.0689	0.0976	1.2382	1.7527									
	12	0.0096	0.0031	0.0020																
36	9	1.249	12.67	0.00	1.4072	0.7658	0.4132	0.0799	0.1471	0.9669	1.7807									
	11	0.0130	-0.0036	-0.0020	1.8428	1.0951	0.3984	0.0807	0.1413	1.0137	1.7740									
	12	0.0118	0.0043	0.0026																
36	10	1.247	0.06	-0.00	0.3670	3.1116	-0.0352	-0.0136	-0.0101	1.9436	1.4394									
	11	0.0058	0.0004	0.0036	1.0433	1.2449	-0.0354	-0.0118	-0.0113	1.6675	1.5990									
	12	0.0090	0.0018	0.0022																
37	1	1.249	-2.99	-0.00	0.5266	2.8479	-0.0951	-0.0341	-0.0315	1.7964	1.6560									
	11	0.0077	0.0008	0.0043	1.6829	1.1341	-0.0913	-0.0301	-0.0315	1.6517	1.7269									
	12	0.0104	0.0035	0.0023																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
37	2	10	1.249	-0.74	-0.00	0.4317	2.8410	-0.0499	-0.0197	-0.0156	1.9726	1.5648						
	11	11	0.0071	0.0006	0.0040	1.1987	0.9876	-0.0489	-0.0173	-0.0167	1.7758	1.7137						
	12	12	0.0102	0.0024	0.0020													
37	3	10	1.248	0.06	-0.00	0.5279	2.9891	-0.0372	-0.0144	-0.0108	1.9437	1.4489						
	11	11	0.0067	0.0007	0.0040	1.2613	0.9893	-0.0380	-0.0130	-0.0125	1.7214	1.6497						
	12	12	0.0119	0.0030	0.0023													
37	4	10	1.248	0.64	-0.00	0.5920	2.9987	-0.0369	-0.0128	-0.0095	1.7391	1.2904						
	11	11	0.0060	0.0007	0.0036	1.0260	1.0679	-0.0375	-0.0113	-0.0115	1.5166	1.5362						
	12	12	0.0105	0.0021	0.0022													
37	5	10	1.249	1.12	-0.00	0.5509	3.1205	-0.0377	-0.0125	-0.0083	1.6603	1.1095						
	11	11	0.0055	0.0006	0.0034	0.4384	1.4282	-0.0402	-0.0119	-0.0110	1.4824	1.3750						
	12	12	0.0102	0.0008	0.0029													
37	6	10	1.249	3.23	-0.00	0.4473	3.4274	0.0461	0.0126	0.0177	1.3703	1.9201						
	11	11	0.0047	0.0004	0.0032	0.7545	1.3362	0.0456	0.0140	0.0156	1.5356	1.7152						
	12	12	0.0092	0.0013	0.0024													
37	7	10	1.248	6.36	-0.00	1.0235	14.1912	0.1596	0.0474	0.0550	1.4868	1.7252						
	11	11	0.0007	0.0001	0.0020	1.2052	1.2706	0.1520	0.0475	0.0512	1.5648	1.6856						
	12	12	0.0124	0.0029	0.0031													
37	8	10	1.248	9.47	-0.00	1.1173	0.0563	0.2893	0.0664	0.1019	1.1475	1.7610						
	11	11	0.0073	-0.0016	-0.0000	1.5641	1.0050	0.2759	0.0685	0.0965	1.2418	1.7493						
	12	12	0.0112	0.0035	0.0022													
37	9	10	1.249	12.67	-0.00	1.3143	0.7962	0.4117	0.0794	0.1464	0.9651	1.7784						
	11	11	0.0131	-0.0034	-0.0020	1.8424	0.9985	0.3982	0.0807	0.1410	1.0135	1.7709						
	12	12	0.0118	0.0043	0.0023													
37	10	10	1.250	0.09	-0.00	0.5595	2.7394	-0.0361	-0.0138	-0.0105	1.9157	1.4544						
	11	11	0.0071	0.0008	0.0039	0.4489	1.5515	-0.0374	-0.0129	-0.0123	1.7281	1.6527						
	12	12	0.0090	0.0008	0.0028													
38	10	10	1.048	-3.13	-0.00	0.0316	3.0181	-0.0653	-0.0189	-0.0218	1.4485	1.6643						
	11	11	0.0062	0.0000	0.0037	2.9977	-0.8765	-0.0523	-0.0142	-0.0188	1.3632	1.8054						
	12	12	0.0014	0.0008	-0.0002													
38	11	10	1.047	-1.06	-0.00	-0.0614	3.5159	-0.0044	-0.0016	-0.0021	1.8234	2.4165						
	11	11	0.0051	-0.0000	0.0036	-4.9752	-2.8764	0.0089	0.0032	0.0002	1.8039	0.1446						
	12	12	0.0009	0.0008	-0.0005													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
38	12	10	1.048	-0.005	-0.0033	-0.3348	4.0053	0.0145	0.0046	0.0048	1.6106	1.6848							
		11	0.0042	-0.0002	0.0033	2.5257	0.1778	0.0254	0.0090	0.0068	1.7881	1.3426							
		12	0.0036	0.0018	0.0001														
38	13	10	1.048	0.51	-0.00	-0.6600	4.0510	0.0225	0.0073	0.0082	1.6353	1.8278							
		11	0.0038	-0.0005	0.0031	3.0168	0.0005	0.0334	0.0119	0.0099	1.7875	1.4873							
		12	0.0027	0.0016	0.0000														
38	14	10	1.049	0.99	-0.00	-0.4950	3.8681	0.0329	0.0109	0.0117	1.6614	1.7811							
		11	0.0040	-0.0004	0.0031	2.2671	0.4075	0.0437	0.0154	0.0133	1.7679	1.5245							
		12	0.0048	0.0021	0.0003														
38	15	10	1.050	3.12	-0.00	-0.7456	3.3007	0.0885	0.0280	0.0309	1.5860	1.7498							
		11	0.0035	-0.0005	0.0023	2.5462	0.0012	0.0970	0.0318	0.0322	1.6428	1.6602							
		12	0.0038	0.0019	0.0000														
38	16	10	1.050	6.23	0.00	-0.8163	2.9595	0.1899	0.0569	0.0667	1.4986	1.7564							
		11	0.0039	-0.0006	0.0023	1.8853	0.4545	0.1949	0.0589	0.0676	1.5116	1.7345							
		12	0.0072	0.0027	0.0006														
38	17	10	1.047	9.34	-0.00	-3.8590	3.3981	0.3115	0.0804	0.1118	1.3918	1.7948							
		11	0.0028	-0.0022	0.0019	1.8771	0.2062	0.3161	0.0828	0.1125	1.5099	1.7794							
		12	0.0064	0.0024	0.0002														
38	18	10	1.049	12.55	-0.00	-5.5419	4.3493	0.4481	0.0976	0.1619	1.0895	1.8073							
		11	0.0020	-0.0023	0.0018	1.6782	0.1940	0.4478	0.0994	0.1613	1.1105	1.8017							
		12	0.0068	0.0022	0.0002														
38	19	10	1.048	-0.005	-0.00	-0.3348	4.0053	0.0152	0.0049	0.0053	1.6126	1.7448							
		11	0.0042	-0.0002	0.0034	2.7158	0.0010	0.0242	0.0087	0.0065	1.7964	1.5614							
		12	0.0030	0.0016	0.0000														
39	1	10	1.047	3.12	-0.00	0.2975	2.7860	-0.0721	-0.0216	-0.0237	1.5004	1.6869							
		11	0.0082	0.0004	0.0045	2.9865	-1.3906	-0.0598	-0.0172	-0.0210	1.4463	1.7565							
		12	0.0018	0.0011	-0.0005														
39	2	10	1.046	-1.06	-0.00	0.0359	3.1679	-0.0160	-0.0050	-0.0048	1.5634	1.4957							
		11	0.0059	0.0000	0.0037	4.0053	-1.0803	-0.0046	-0.0008	-0.0034	0.9205	1.7603							
		12	0.0018	0.0014	-0.0003														
39	3	10	1.050	-0.04	-0.00	0.4509	2.8704	0.0035	0.0007	0.0018	1.0157	1.6197							
		11	0.0065	0.0005	0.0037	3.3365	-0.2308	0.0150	0.0052	0.0036	1.7649	1.2024							
		12	0.0028	0.0018	-0.0001														

← See Key →

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
39	4	10 11 12	1.048 0.0056 0.0039	0.51 0.0000 0.0021	-0.000 0.0035 0.0001	0.0341 2.7887	3.1052 0.1662	0.0155 0.0276	0.0047 0.0095	0.0065 0.0080	1.5359 1.7213	2.0898 1.4498		
39	5	10 11 12	1.048 0.0047 0.0038	1.01 -0.0001 0.0023	-0.000 0.0032 0.0002	-0.1925 3.0249	3.4620 0.3424	0.0255 0.0364	0.0079 0.0125	0.0096 0.0110	1.5587 1.7194	1.8924 1.5210		
39	6	11 12	1.048 0.0048 0.0046	3.12 -0.0003 0.0022	-0.000 0.0027 0.0003	-0.3216 2.4430	2.8433 0.4174	0.0830 0.0905	0.0253 0.0287	0.0294 0.0297	1.5280 1.5887	1.7711 1.6438		
39	0	10 11 12	1.048 0.0053 0.0066	6.23 -0.0003 0.0027	-0.000 0.0027 0.0005	-0.2928 2.0588	2.5309 0.3959	0.1844 0.1908	0.0550 0.0573	0.0645 0.0657	1.4919 1.5030	1.7490 1.7217		
39	8	10 11 12	1.049 0.0008 0.0085	9.36 -0.0019 0.0033	-0.000 0.0012 0.0007	-1.5040 1.9630	7.5449 0.4574	0.3157 0.3159	0.0810 0.0825	0.1130 0.1123	1.2838 1.3064	1.7902 1.7785		
39	0	10 11 12	1.049 0.0014 0.0073	12.56 -0.0025 0.0029	-0.000 0.0015 -0.0001	-8.9159 2.0179	5.4657 -0.0865	0.4451 0.4445	0.0975 0.0991	0.1607 0.1601	1.0956 1.1152	1.8050 1.8010		
39	10	10 11 12	1.049 0.0053 0.0047	-0.000 0.0000 0.0028	-0.000 0.0033 -0.0001	0.0355 3.0138	3.1559 -0.1360	0.0041 0.0159	0.0009 0.0054	0.0025 0.0039	1.1153 1.7256	3.0223 1.2539		
40	1	10 11 12	1.049 0.0072 0.0020	-3.12 0.0004 0.0017	-0.000 0.0042 -0.0006	0.3353 4.3035	2.9478 -1.5665	-0.0774 -0.0652	-0.0237 -0.0196	-0.0254 -0.0227	1.5337 1.5046	1.6438 1.7478		
40	2	10 11 12	1.052 0.0068 0.0027	-1.10 0.0005 0.0021	-0.000 0.0041 -0.0000	0.4367 4.0131	3.0290 -0.0010	-0.0264 -0.0138	-0.0084 -0.0035	-0.0082 -0.0056	1.6047 1.2886	1.5515 2.0332		
40	3	10 11 12	1.047 0.0058 0.0036	-0.003 0.0001 0.0021	-0.000 0.0036 0.0001	0.1298 3.0210	3.1186 0.1795	-0.0020 0.0106	-0.0008 0.0037	0.0003 0.0020	2.1010 1.7504	-0.9585 0.9705		
40	4	10 11 12	1.049 0.0058 0.0035	0.52 0.0001 0.0023	-0.000 0.0035 -0.0002	0.1266 3.2659	3.0081 -0.3654	0.0105 0.0217	0.0028 0.0074	0.0046 0.0065	1.3415 1.7104	2.1914 1.5039		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
40	5	10	1.047	1.01	-0.001	-0.00	0.0032	-0.1774	3.0753	0.0218	0.0064	0.0097	1.4755	1.9371				
		11	0.0052	-0.0027	0.0001	0.0052	2.8265	-0.1325	0.0322	0.0109	0.0097	1.6922	1.5148					
		12	0.0048	0.0027	-0.0001	-0.0001	-0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001					
40	6	10	1.049	3.12	-0.004	-0.00	0.0025	-0.4572	2.8157	0.0816	0.0291	1.4868	1.7855					
		11	0.0045	-0.0035	0.0009	0.0009	0.0009	2.4173	0.6142	0.0272	0.0290	1.5563	1.6559					
		12	0.0074	0.0035	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009					
40	7	10	1.050	6.24	-0.003	-0.00	0.0024	-0.3299	2.5734	0.1792	0.0623	1.4839	1.7403					
		11	0.0047	-0.0034	0.0002	0.0002	0.0002	2.3007	0.1727	0.0555	0.0637	1.4985	1.7198					
		12	0.0075	0.0034	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002					
40	8	10	1.049	9.39	-0.001	-0.00	0.0020	-2.6099	2.7146	0.3075	0.1105	1.2934	1.7971					
		11	0.0037	-0.0019	0.0006	0.0006	0.0006	2.1122	0.4091	0.0821	0.1114	1.3118	1.7794					
		12	0.0079	0.0033	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006					
40	9	10	1.047	12.56	-0.002	-0.00	0.0015	-10.6669	6.2701	0.4425	0.1596	1.0995	1.8039					
		11	0.0012	-0.0026	0.0003	0.0003	0.0003	1.9150	0.2390	0.0992	0.1597	1.1184	1.8004					
		12	0.0082	0.0031	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003					
40	10	10	1.047	-0.008	-0.002	-0.00	0.0036	0.2040	2.8826	-0.0024	0.0010	2.2452	-0.2719					
		11	0.0063	0.0027	0.0001	0.0001	0.0001	2.8316	0.1350	0.0094	0.0018	1.7904	0.9489					
		12	0.0048	0.0027	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001					
41	1	10	1.049	-3.10	-0.002	-0.00	0.0045	0.6411	2.3355	-0.0816	-0.0255	1.5627	1.6159					
		11	0.0098	0.0022	-0.0001	-0.0001	0.0001	3.0129	-0.1768	-0.0583	-0.0213	1.5606	1.7405					
		12	0.0036	0.0022	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001					
41	2	10	1.048	-1.08	-0.004	-0.00	0.0040	0.3467	2.8875	-0.0093	-0.0067	1.6333	1.5210					
		11	0.0070	0.0024	-0.0002	-0.0002	0.0002	3.8813	-0.4148	-0.0154	-0.0064	1.4496	2.0998					
		12	0.0031	0.0024	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002					
41	3	10	1.049	-0.004	-0.002	-0.00	0.0035	0.3727	2.7500	-0.0061	-0.0020	1.8334	0.4338					
		11	0.0064	0.0028	-0.0000	-0.0000	0.0000	3.4576	-0.0001	0.0046	0.0005	2.2325	0.7043					
		12	0.0041	0.0028	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000					
41	4	10	1.047	0.52	-0.003	-0.00	0.0036	0.2824	2.8016	0.0046	0.0010	1.1182	3.7506					
		11	0.0065	0.0024	0.0000	0.0000	0.0000	3.0168	0.0005	0.0158	0.0045	1.7102	1.4351					
		12	0.0040	0.0024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
41	5	10	1.046	1.01	-0.001	-0.00	0.0034	0.1071	2.6305	0.0156	0.0042	1.3579	2.1367					
		11	0.0064	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001					
		12	0.0046	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																			
41	6	12	0.0049	0.0027	-0.0001	2.8263	-0.1325	0.0254	0.0083	0.0076	1.6405	1.5030								
		10	1.047	3.12	-0.00															
		11	0.0053	0.0000	0.0026	0.0146	2.4305	0.0750	0.0216	0.0269	1.4407	1.7950								
		12	0.0055	0.0029	0.0001	2.6882	0.1191	0.0822	0.0248	0.0273	1.5111	1.6626								
41	7	10	1.045	6.23	-0.00	-0.4120	2.4952	0.1764	0.0524	0.0613	1.4865	1.7401								
		11	0.0052	-0.0004	0.0026	-2.2041	0.2938	0.1828	0.0546	0.0627	1.4938	1.7143								
		12	0.0067	0.0029	0.0003															
41	8	10	1.049	9.38	-0.00	-2.9449	3.0244	0.3057	0.0792	0.1095	1.2962	1.7920								
		11	0.0030	-0.0017	0.0018	-2.3951	0.0904	0.3113	0.0818	0.1104	1.3142	1.7757								
		12	0.0073	0.0035	0.0001															
41	9	10	1.048	12.59	-0.00	79.5132	-23.5678	0.4454	0.0975	0.1608	1.0948	1.8048								
		11	0.0001	-0.0026	0.0007	2.0560	0.0020	0.4461	0.0995	0.1606	1.1161	1.8001								
		12	0.0066	0.0027	0.0000															
41	10	10	1.047	-0.02	-0.00	0.3565	2.7251	-0.0076	-0.0025	-0.0010	1.6991	0.7046								
		11	0.0067	0.0004	0.0036	3.9951	-0.4695	0.0044	0.0019	0.0006	2.2004	0.7333								
		12	0.0027	0.0022	-0.0002															
42	1	10	1.045	-3.09	-0.00	0.5007	2.4748	-0.0866	-0.0284	-0.0287	1.6408	1.6593								
		11	0.0092	0.0009	0.0045	3.0459	1.6309	-0.0752	-0.0246	-0.0260	1.6371	1.7336								
		12	-0.0016	-0.0009	-0.0005															
42	2	10	1.049	-1.02	-0.00	0.9925	0.4986	-0.0339	-0.0119	-0.0104	1.7533	1.5308								
		11	0.0378	0.0075	0.0037	1.4089	2.3574	-0.0240	-0.0077	-0.0088	1.6091	1.8466								
		12	-0.0011	-0.0003	-0.0005															
42	3	10	1.050	-0.00	-0.00	0.6167	2.4563	-0.0191	-0.0068	-0.0045	1.7958	1.1837								
		11	0.0074	0.0009	0.0036	-0.0030	0.0005	-0.0102	-0.0028	-0.0034	1.3633	1.6904								
		12	-0.0006	0.0000	-0.0000															
42	4	10	1.046	0.55	-0.00	0.3513	2.5312	-0.0072	-0.0027	-0.0004	1.8723	0.2796								
		11	0.0067	0.0004	0.0033	2.9986	-0.5018	-0.0005	0.0005	0.0003	-4.6560	-0.2748								
		12	-0.0012	-0.0007	0.0001															
42	5	10	1.047	1.03	-0.00	0.3487	2.4340	0.0027	0.0002	0.0033	0.4926	6.0601								
		11	0.0067	0.0004	0.0032	2.9897	-0.8755	0.0110	0.0037	0.0038	1.7202	1.7611								
		12	-0.0014	-0.0008	0.0002															
42	6	10	1.049	3.16	-0.00															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
42	7	10	0.0045	-0.0002	0.0026	-0.3433	2.8865	0.0719	0.0196	0.0252	1.3661	1.7522	0.0005	-0.0002	0.0002	-2.2910	2.5595	0.0764	0.0219	0.0252	1.4373	1.6550
42	7	11	1.048	6.27	-0.0025	0.0444	2.0455	0.1702	0.0498	0.0593	1.4654	1.7428	0.0063	-0.0001	0.0001	-1.4150	0.8004	0.1766	0.0521	0.0605	1.4743	1.7132
42	8	10	1.049	9.39	-0.0015	0.3049	3.7318	0.3076	0.0789	0.1087	1.2948	1.7836	0.0020	-0.0009	0.0006	1.2000	0.8212	0.3049	0.0809	0.1092	1.3148	1.7756
42	9	10	1.048	12.58	-0.0014	0.4411	3.7515	0.4432	0.0970	0.1592	1.1002	1.8045	0.0018	-0.0007	0.0007	-6.4252	0.9757	0.4411	0.0994	0.1593	1.1216	1.7971
42	10	10	1.048	-0.0004	-0.0036	0.3565	2.7251	-0.0179	-0.0065	-0.0041	1.8191	1.464	0.0066	0.0004	0.0000	0.8467	0.0015	-0.0098	-0.0027	-0.0029	1.3776	1.5034
43	3	10	1.048	-3.05	-0.0039	0.2469	2.6401	-0.0902	-0.0308	-0.0302	1.7081	1.6736	0.0074	0.0028	-0.0002	2.6708	-0.2411	-0.0801	-0.0274	-0.0276	1.7114	1.7235
43	4	10	1.047	-1.00	-0.0037	0.359	3.1679	-0.0441	-0.0162	-0.0133	1.8417	1.5123	0.0059	0.0000	0.0037	2.7448	-0.1894	-0.0347	-0.0125	-0.0118	1.8105	1.7065
43	5	10	1.047	0.03	-0.0036	0.1298	3.1186	-0.0312	-0.0115	-0.0080	1.8404	1.2793	0.0058	0.0001	0.0036	2.6823	0.0010	-0.0238	-0.0084	-0.0069	1.7785	1.4580
43	6	10	1.050	0.56	-0.0032	0.2715	3.3622	-0.0261	-0.0096	-0.0051	1.8470	0.9919	0.0048	0.0002	0.0000	2.8176	0.0008	-0.0215	-0.0074	-0.0049	1.7257	1.1622
43	7	10	1.048	1.06	-0.0033	-0.0687	3.2671	-0.0149	-0.0059	-0.0013	1.9820	0.4461	0.0051	-0.0000	0.0002	-2.8836	-0.1829	-0.0062	-0.0024	0.0000	1.9974	-0.0087
43	8	10	1.050	3.18	-0.0028	-0.6710	3.7175	0.0556	0.0145	0.0205	1.3038	1.8448	0.0038	-0.0005	0.0005	-2.4178	0.2892	0.0611	0.0170	0.0206	1.3978	1.6842

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
43	9	10	1.049	6.50	-0.000	-1.6796	3.6307	0.1658	0.0483	0.0576	1.4557	1.7385									
		11	0.0032	-0.0010	0.0023	2.4865	0.0013	0.1718	0.0502	0.0589	1.4617	1.7146									
		12	0.0085	0.0042	0.0000																
43	10	10	1.047	6.37	0.00	-14.0233	7.5539	0.3005	0.0782	0.1067	1.3008	1.7750									
		11	0.0009	-0.0026	0.0014	2.0979	0.1994	0.3029	0.0797	0.1073	1.3159	1.7724									
		12	0.0098	0.0041	0.0003																
43	11	10	1.046	12.59	0.00	6.1975	-0.7676	0.4402	0.0968	0.1583	1.1002	1.7984									
		11	-0.0025	-0.0031	0.0003	2.2613	-0.1510	0.4408	0.0984	0.1586	1.1170	1.7990									
		12	0.0084	0.0038	-0.0002																
43	12	10	1.048	0.00	-0.00	0.0459	3.5164	-0.0320	-0.0120	-0.0086	1.8748	1.3478									
		11	0.0053	0.0000	0.0037	2.8819	-0.0936	-0.0238	-0.0085	-0.0074	1.7876	1.5572									
		12	0.0068	0.0039	-0.0001																
44	1	10	1.050	-3.03	-0.00	0.3517	3.0725	-0.0963	-0.0338	-0.0316	1.7575	1.6413									
		11	0.0069	0.0004	0.0042	2.8724	-0.1983	-0.0867	-0.0302	-0.0295	1.7420	1.7010									
		12	0.0064	0.0037	-0.0002																
44	2	10	1.051	-1.00	-0.00	0.2153	3.2911	-0.0519	-0.0196	-0.0158	1.8921	1.5883									
		11	0.0063	0.0002	0.0041	2.8904	0.0007	-0.0441	-0.0165	-0.0148	1.8774	1.6765									
		12	0.0071	0.0041	0.0000																
44	3	10	1.049	0.03	-0.00	0.1505	3.4692	-0.0415	-0.0158	-0.0116	1.9053	1.4026									
		11	0.0052	0.0001	0.0036	3.0149	-0.0841	-0.0343	-0.0129	-0.0108	1.8837	1.5802									
		12	0.0076	0.0046	-0.0001																
44	4	10	1.047	0.59	-0.00	0.2337	3.2926	-0.0391	-0.0145	-0.0098	1.8559	1.2513									
		11	0.0057	0.0002	0.0037	2.8093	0.0008	-0.0350	-0.0121	-0.0097	1.7240	1.3888									
		12	0.0087	0.0049	0.0000																
44	5	10	1.052	1.08	-0.00	0.2964	3.7218	-0.0384	-0.0142	-0.0081	1.8570	1.0696									
		11	0.0045	0.0002	0.0033	3.0168	0.0005	-0.0319	-0.0109	-0.0072	1.7105	1.1328									
		12	0.0083	0.0050	0.0000																
44	6	10	1.047	3.19	-0.00	0.2243	2.9546	0.0406	0.0100	0.0159	1.2299	1.9617									
		11	0.0057	0.0002	0.0033	2.7060	0.1503	0.0502	0.0132	0.0169	1.3191	1.6837									
		12	0.0086	0.0046	0.0002																
44	7	10	1.047	6.31	-0.00	-0.5319	2.7152	0.1648	0.0478	0.0570	1.4515	1.7328									
		11	0.0050	-0.0005	0.0027	-2.3249	0.2144	0.1660	0.0479	0.0565	1.4446	1.7028									
		12	0.0091	0.0042	0.0003																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																										
44	8	10	1.0046	9.44	0.0011	135.7932	-65.6460	0.3021	0.0767	0.1076	0.3035	1.7612																
			-0.0000	-0.0023	0.0006	2.2656	0.2716	0.3021	0.0795	0.1069	1.3166	1.7707																
			0.0120	0.0054	0.0006																							
44	9	10	1.047	12.61	0.007	8.9038	-2.1316	0.4371	0.0965	0.1572	1.1041	1.7963																
			-0.0018	-0.0032	-0.0001	2.2894	-0.0628	0.4409	0.0988	0.1582	1.1209	1.7944																
			0.0100	0.0045	-0.0001																							
44	10	10	1.051	0.03	-0.00	0.5221	2.6885	-0.0410	-0.0156	-0.0114	1.9094	1.3923																
			0.0067	0.0007	0.0039	3.0150	-0.0821	-0.0335	-0.0125	-0.0106	1.6763	1.5893																
			0.0078	0.0047	-0.0001																							
45	1	10	1.048	-3.00	-0.00	0.2669	3.0236	-0.0996	-0.0358	-0.0333	1.7962	1.6759																
			0.0071	0.0003	0.0043	2.6336	-0.1340	-0.0909	-0.0323	-0.0309	1.7792	1.7028																
			0.0048	0.0025	-0.0001																							
45	2	10	1.049	0.96	-0.00	0.1329	3.2291	-0.0565	-0.0218	-0.0178	1.9316	1.5780																
			0.0058	0.0001	0.0037	2.7141	-0.1057	-0.0485	-0.0189	-0.0166	1.9547	1.7110																
			0.0060	0.0033	-0.0001																							
45	3	10	1.047	0.05	-0.00	0.4142	2.6140	-0.0455	-0.0178	-0.0129	1.9563	1.9224																
			0.0072	0.0005	0.0040	2.7742	0.0009	-0.0401	-0.0153	-0.0123	1.9053	1.5563																
			0.0075	0.0041	0.0000																							
45	4	10	1.048	0.62	-0.00	0.1297	2.9353	-0.0469	-0.0175	-0.0124	1.6704	1.3221																
			0.0055	0.0001	0.0032	2.8872	0.0007	-0.0401	-0.0141	-0.0118	1.6786	1.4757																
			0.0070	0.0040	0.0000																							
45	5	10	1.051	1.10	-0.00	0.4130	2.9191	-0.0488	-0.0178	-0.0118	1.6235	1.2123																
			0.0058	0.0004	0.0033	3.2605	-0.0871	-0.0416	-0.0143	-0.0112	1.7280	1.3372																
			0.0074	0.0048	-0.0001																							
45	6	10	1.046	3.19	-0.00	-0.1780	2.6804	0.0341	0.0070	0.0146	1.6303	2.1389																
			0.0053	-0.0001	0.0029	-2.5744	0.1923	0.0406	0.0098	0.0148	1.2113	1.8271																
			0.0102	0.0052	0.0003																							
45	7	10	1.049	6.32	-0.00	-0.1696	2.3174	0.1572	0.0453	0.0548	1.4412	1.7449																
			0.0061	-0.0002	0.0028	-2.6563	0.0010	0.1610	0.0459	0.0547	1.4254	1.7013																
			0.0101	0.0053	0.0000																							
45	8	10	1.050	9.44	-0.00	-3.2579	3.3554	0.2957	0.0776	0.1046	1.3131	1.7693																
			0.0027	-0.0017	0.0018	-2.3836	0.1148	0.2991	0.0791	0.1056	1.3221	1.7658																
			0.0114	0.0054	0.0002																							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

45	9	10	11	12	1.048	-0.0014	12.61	0.003	0.0000	10.3029	-1.3010	0.4427	0.0970	0.1592	1.0955	1.7908
					0.0115	-0.0051	0.0030	0.0000	0.0000	2.2270	0.0017	0.4409	0.0966	0.1567	1.1186	1.7999
45	10	10	11	12	1.051	0.0072	0.0008	-0.0040	0.0005	0.5635	2.7670	-0.0448	-0.0176	-0.0126	1.9650	1.4075
					0.0096	0.0052	0.0005	0.0005	0.0005	2.7380	0.2719	-0.0412	-0.0156	-0.0130	1.8967	1.5865
46	1	10	11	12	1.048	0.0080	-2.98	-0.0044	-0.0002	0.3693	2.7448	-0.1041	-0.0379	-0.0349	1.8233	1.6798
					0.0092	0.0053	0.0005	0.0002	0.0002	2.9210	0.1419	-0.0938	-0.0340	-0.0322	1.8138	1.7187
46	2	10	11	12	1.047	0.0074	-0.95	-0.0040	-0.0002	0.3957	2.7024	-0.0596	-0.0235	-0.0191	1.9757	1.6064
					0.0096	0.0050	0.0005	0.0002	0.0002	2.6336	-0.1340	-0.0517	-0.0207	-0.0178	2.0063	1.7264
46	3	10	11	12	1.050	0.0069	0.0008	-0.0039	0.0000	0.5872	2.8125	-0.0459	-0.0184	-0.0132	2.0121	1.4452
					0.0070	0.0040	0.0040	0.0000	0.0000	2.8872	0.0007	-0.0425	-0.0166	-0.0134	1.9529	1.5828
46	4	10	11	12	1.051	0.0066	0.0024	-0.0035	0.0001	0.6081	2.6456	-0.0451	-0.0178	-0.0124	1.9732	1.3813
					0.0043	0.0024	0.0024	0.0001	0.0001	2.8022	-0.1493	-0.0431	-0.0159	-0.0134	1.8443	1.5578
46	5	10	11	12	1.051	0.0060	1.11	-0.0032	0.0000	0.3876	2.6711	-0.0500	-0.0186	-0.0132	1.8597	1.3244
					0.0041	0.0023	0.0023	0.0000	0.0000	2.7956	0.0008	-0.0462	-0.0160	-0.0133	1.7284	1.4378
46	6	10	11	12	1.049	0.0075	3.23	-0.0033	0.0002	0.3039	2.2334	0.0276	0.0040	0.0137	0.7377	2.4857
					0.0060	0.0029	0.0029	0.0002	0.0002	2.4228	0.2149	0.0310	0.0060	0.0126	0.9794	2.0292
46	7	10	11	12	1.048	0.0063	6.33	-0.0028	0.0001	-0.0784	2.2505	0.1539	0.0443	0.0534	1.4387	1.7364
					0.0073	0.0035	0.0035	0.0001	0.0001	2.3951	0.0904	0.1582	0.0448	0.0534	1.4158	1.6886
46	8	10	11	12	1.046	0.0036	9.44	-0.0020	0.0001	-2.1957	2.8313	0.2942	0.0778	0.1047	1.3225	1.7789
					0.0073	0.0031	0.0031	0.0001	0.0001	2.1517	0.0901	0.2983	0.0792	0.1050	1.3287	1.7607
46	0	10	11	12	1.051	0.0066	12.61	-0.0006	0.0002	21.2170	-5.0283	0.4401	0.0965	0.1586	1.0971	1.8028
					0.0084	0.0032	0.0032	0.0002	0.0002	1.9385	-0.1564	0.4412	0.0984	0.1586	1.1162	1.7980

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key														
46	10	10	1.047	0.06	-0.00	0.4094	2.6333	-0.0478	-0.0191	-0.0140	1.9973	1.4699					
	11	11	0.0071	0.0005	0.0037	2.8332	-0.1277	-0.0408	-0.0163	-0.0134	1.9967	1.6501					
	12	12	0.0050	0.0028	-0.0001												
47	6	10	0.799	-3.12	-0.00	0.4053	2.8703	-0.0625	-0.0220	-0.0213	1.7647	1.7088					
	11	11	0.0085	0.0006	0.0049	1.3220	2.0748	-0.0520	-0.0183	-0.0184	1.7601	1.7692					
	12	12	0.0015	0.0004	0.0006												
47	7	10	0.600	-1.05	-0.00	-0.1456	3.4244	-0.0093	-0.0034	-0.0037	1.8293	1.9954					
	11	11	0.0057	-0.0001	0.0039	-0.2482	7.3615	0.0005	0.0001	-0.0014	1.2756	13.1328					
	12	12	0.0002	-0.0000	0.0003												
47	8	10	0.799	-0.05	-0.00	-0.7186	4.1158	0.0109	0.0038	0.0033	1.7549	1.5266					
	11	11	0.0041	-0.0005	0.0034	13.1079	-14.9134	0.0183	0.0067	0.0048	1.8414	1.3236					
	12	12	-0.0001	-0.0004	0.0005												
47	9	10	0.600	0.40	-0.00	-0.6475	3.3509	0.0197	0.0069	0.0062	1.7549	1.5893					
	11	11	0.0046	-0.0006	0.0031	1.6372	-57.8619	0.0274	0.0099	0.0080	1.8238	1.4753					
	12	12	-0.0000	-0.0000	0.0002												
47	10	10	0.798	0.99	-0.00	-0.4864	3.1715	0.0319	0.0113	0.0103	1.7813	1.6234					
	11	11	0.0051	-0.0005	0.0032	1.9459	1.5823	0.0395	0.0143	0.0123	1.8192	1.5599					
	12	12	0.0015	0.0006	0.0005												
47	11	10	0.799	3.09	-0.00	-0.5915	2.7489	0.0854	0.0303	0.0286	1.7754	1.6748					
	11	11	0.0052	-0.0006	0.0028	1.7592	1.2252	0.0917	0.0329	0.0307	1.7921	1.6726					
	12	12	0.0020	0.0007	0.0005												
47	12	10	0.799	6.21	-0.00	-0.8037	3.0670	0.1809	0.0589	0.0623	1.6281	1.7243					
	11	11	0.0045	-0.0007	0.0027	1.1101	1.1521	0.1821	0.0599	0.0633	1.6441	1.7375					
	12	12	0.0027	0.0006	0.0006												
47	13	10	0.799	9.31	-0.00	-13.6075	11.3470	0.3006	0.0776	0.1066	1.2916	1.7741					
	11	11	0.0007	-0.0021	0.0017	0.8320	1.0538	0.3007	0.0782	0.1079	1.3003	1.7946					
	12	12	0.0023	0.0003	0.0005												
47	14	10	0.798	12.49	-0.00	-3.0462	3.8121	0.4199	0.0750	0.1490	0.8935	1.7744					
	11	11	0.0031	-0.0019	0.0023	1.5018	0.3648	0.4211	0.0757	0.1508	0.8998	1.7910					
	12	12	0.0034	0.0010	0.0002												
47	15	10	0.600	-0.04	-0.00	-0.2632	2.9681	0.0122	0.0040	0.0031	1.6611	1.2672					
	11	11	0.0055	-0.0002	0.0032	2.1344	0.6416	0.0200	0.0070	0.0050	1.7532	1.2561					
	12	12	0.0009	0.0004	0.0001												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																					
48	4	10	0.800	-5.10	0.0004	-0.00	0.2975	2.7860	-0.0706	-0.0251	-0.0233	1.7816	1.6949	0.0079	0.0004	0.0044	0.0005	5.0280	-1.9494	-0.0583	-0.0205	-0.0206	1.7589	1.7651
48	5	10	0.799	-1.05	0.0003	-0.00	0.2594	2.7503	-0.0166	-0.0059	-0.0056	1.7756	1.7026	0.0068	0.0003	0.0037	0.0000	3.0168	0.0005	-0.0081	-0.0027	-0.0041	1.6564	2.5183
48	6	10	0.800	-0.02	0.0000	-0.00	-0.0641	3.0443	0.0059	0.0018	0.0021	1.5645	1.8422	0.0056	-0.0000	0.0034	0.0002	2.6254	0.2848	0.0137	0.0051	0.0033	1.8787	1.2314
48	7	10	0.799	0.45	0.0000	-0.00	-0.0694	2.5572	0.0163	0.0057	0.0053	1.7494	1.6550	0.0061	-0.0000	0.0031	0.0001	2.7887	0.1662	0.0244	0.0090	0.0071	1.8485	1.4590
48	8	10	0.799	0.99	0.0001	-0.00	-0.1601	2.6330	0.0269	0.0097	0.0093	1.8081	1.7373	0.0059	-0.0005	0.0031	0.0001	4.4497	-1.0398	0.0353	0.0130	0.0110	1.8426	1.5582
48	9	10	0.800	3.07	0.0004	-0.00	-0.3821	2.7142	0.0827	0.0293	0.0288	1.7717	1.7057	0.0053	-0.0011	0.0028	0.0002	2.3214	0.5057	0.0870	0.0313	0.0288	1.7990	1.6564
48	10	10	0.798	6.22	0.0003	-0.00	-0.2771	2.5130	0.1740	0.0572	0.0608	1.6444	1.7483	0.0055	-0.0003	0.0027	0.0003	2.2056	0.4409	0.1786	0.0593	0.0615	1.6608	1.7243
48	11	10	0.796	9.36	0.0021	-0.00	-0.0012	32.0303	0.2992	0.0778	0.1067	1.2998	1.7837	0.0057	-0.0022	0.0002	0.0002	1.9388	0.2227	0.2990	0.0786	0.1067	1.5147	1.7842
48	12	10	0.800	12.51	0.0013	-0.00	-1.7174	2.9726	0.4222	0.0750	0.1499	0.8885	1.7752	0.0040	-0.0013	0.0023	0.0001	1.9705	0.1089	0.4227	0.0755	0.1510	0.8957	1.7866
48	13	10	0.799	-0.03	0.0002	-0.00	0.1845	2.7294	0.0049	0.0014	0.0018	1.4498	1.8148	0.0067	0.0002	0.0036	0.0002	2.8111	0.3043	0.0143	0.0051	0.0035	1.8013	1.2265
49	1	10	0.781	-4.12	0.0004	-0.00	0.2889	2.4687	-0.0738	-0.0265	-0.0248	1.8001	1.6829	0.0083	0.0004	0.0041	0.0003	2.8142	0.4573	-0.0638	-0.0228	-0.0225	1.7938	1.7690

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																	
49	0	10	0.799	-1.06	-0.00	0.3017	2.5617	-0.0236	-0.0086	-0.0079	1.8412	1.6782								
		11	0.0076	0.0004	0.0039	0.3029	0.3739	-0.0127	-0.0043	-0.0054	1.7244	2.1243								
		12	0.0051	0.0025	0.0003	2.5029	0.3739	-0.0127	-0.0043	-0.0054	1.7244	2.1243								
49	3	10	0.799	-0.04	-0.00	0.1722	2.5272	0.0008	-0.0000	0.0005	-0.0964	3.0866								
		11	0.0070	0.0024	0.0035	2.5452	0.5494	0.0109	0.0038	0.0023	1.7433	1.0878								
		12	0.0046	0.0024	0.0005	2.5452	0.5494	0.0109	0.0038	0.0023	1.7433	1.0878								
49	4	10	0.799	0.45	-0.00	0.3397	2.1031	0.0094	0.0031	0.0036	1.6474	1.9126								
		11	0.0081	0.0005	0.0034	2.5418	0.7021	0.0199	0.0070	0.0055	1.7528	1.3840								
		12	0.0054	0.0027	0.0007	2.5418	0.7021	0.0199	0.0070	0.0055	1.7528	1.3840								
49	5	10	0.798	1.01	-0.00	0.0103	2.2826	0.0212	0.0072	0.0073	1.7147	1.7320								
		11	0.0066	0.0000	0.0030	2.5257	0.7258	0.0318	0.0115	0.0095	1.8140	1.5023								
		12	0.0052	0.0026	0.0007	2.5257	0.7258	0.0318	0.0115	0.0095	1.8140	1.5023								
49	6	10	0.798	3.09	-0.00	-0.1727	2.2119	0.0780	0.0273	0.0263	1.7520	1.6901								
		11	0.0060	-0.0002	0.0026	1.1037	1.8635	0.0846	0.0300	0.0276	1.7737	1.6360								
		12	0.0013	0.0003	0.0005	-0.1727	2.2119	0.0780	0.0273	0.0263	1.7520	1.6901								
49	7	10	0.796	6.23	-0.00	-0.4291	2.7778	0.1742	0.0571	0.0608	1.6401	1.7450								
		11	0.0048	-0.0004	0.0026	2.1363	0.8579	0.1787	0.0590	0.0614	1.6515	1.7182								
		12	0.0029	0.0012	0.0005	-0.4291	2.7778	0.1742	0.0571	0.0608	1.6401	1.7450								
49	8	10	0.799	9.34	-0.00	-2.5842	3.3075	0.2946	0.0773	0.1049	1.3132	1.7800								
		11	0.0024	-0.0012	0.0016	1.9912	0.4885	0.2971	0.0786	0.1059	1.3231	1.7822								
		12	0.0039	0.0014	0.0003	-2.5842	3.3075	0.2946	0.0773	0.1049	1.3132	1.7800								
49	0	10	0.797	12.50	-0.00	-3.6603	3.4993	0.4257	0.0751	0.1506	0.8819	1.7695								
		11	0.0023	-0.0017	0.0016	1.8898	0.1634	0.4253	0.0766	0.1516	0.9010	1.7823								
		12	0.0039	0.0014	0.0001	-3.6603	3.4993	0.4257	0.0751	0.1506	0.8819	1.7695								
49	10	10	0.798	-0.00	-0.00	0.4406	2.1647	0.0016	0.0003	0.0005	0.9055	1.5586								
		11	0.0087	0.0007	0.0037	1.8406	1.3810	0.0112	0.0038	0.0025	1.6972	1.1167								
		12	0.0036	0.0013	0.0010	0.4406	2.1647	0.0016	0.0003	0.0005	0.9055	1.5586								
50	1	10	0.798	-3.10	-0.00	0.6117	1.9679	-0.0768	-0.0277	-0.0261	1.8029	1.6996								
		11	0.0115	0.0014	0.0045	3.0457	1.2150	-0.0638	-0.0233	-0.0230	1.8275	1.8003								
		12	0.0015	0.0009	0.0003	0.6117	1.9679	-0.0768	-0.0277	-0.0261	1.8029	1.6996								
50	2	10	0.798	-1.03	-0.00	0.4745	2.0550	-0.0249	-0.0091	-0.0082	1.8393	1.6590								
		11	0.0092	0.0008	0.0037	2.3106	1.0435	-0.0124	-0.0047	-0.0057	1.9192	2.3063								
		12	0.0036	0.0016	0.0007	0.4745	2.0550	-0.0249	-0.0091	-0.0082	1.8393	1.6590								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	←	See Key	→							
50	3	10	0.798	-0.002	-0.00	0.2736	1.9108	-0.0034	-0.0013	-0.0003	1.9869	0.5670
		11	0.0079	0.0004	0.0030	0.4518	1.0527	0.0080	0.0025	0.0015	1.6032	0.9364
		12	0.0030	0.0014	0.0006							
50	4	10	0.798	0.46	-0.00	0.2133	2.0365	0.0070	0.0021	0.0027	1.5432	1.9262
		11	0.0077	0.0003	0.0031	2.4861	1.1968	0.0175	0.0060	0.0048	1.7280	1.3951
		12	0.0031	0.0015	0.0007							
50	5	10	0.798	0.99	-0.00	0.3355	1.9469	0.0197	0.0067	0.0066	1.7070	1.6940
		11	0.0080	0.0005	0.0031	2.5450	1.4441	0.0293	0.0102	0.0087	1.7462	1.4944
		12	0.0035	0.0017	0.0010							
50	6	10	0.799	3.06	-0.00	-0.6224	1.7906	0.0782	0.0272	0.0265	1.7417	1.6990
		11	0.0052	-0.0006	0.0018	2.2434	0.9959	0.0828	0.0290	0.0268	1.7555	1.6218
		12	0.0044	0.0019	0.0008							
50	7	10	0.798	6.22	-0.00	-0.1790	2.0007	0.1717	0.0564	0.0593	1.6441	1.7286
		11	0.0059	-0.0002	0.0023	2.1377	1.0322	0.1766	0.0584	0.0605	1.6543	1.7127
		12	0.0049	0.0021	0.0010							
50	8	10	0.797	9.35	-0.00	-4.2240	2.7631	0.2939	0.0770	0.1047	1.3101	1.7810
		11	0.0020	-0.0017	0.0011	1.7425	0.6591	0.2990	0.0789	0.1060	1.3205	1.7737
		12	0.0048	0.0016	0.0006							
50	9	10	0.797	12.53	-0.00	-3.3146	2.1536	0.4206	0.0747	0.1487	0.8882	1.7679
		11	0.0026	-0.0017	0.0011	2.0439	0.1761	0.4230	0.0770	0.1508	0.9111	1.7828
		12	0.0036	0.0014	0.0001							
50	10	10	0.799	-0.00	-0.00	0.3117	1.8899	-0.0046	-0.0017	-0.0009	1.8960	0.9665
		11	0.0086	0.0005	0.0032	2.4527	1.1242	0.0083	0.0025	0.0013	1.5466	0.8279
		12	0.0044	0.0022	0.0010							
51	3	10	0.799	-3.08	-0.00	0.5801	2.4402	-0.0600	-0.0287	-0.0265	1.7961	1.6562
		11	0.0096	0.0011	0.0046	2.8478	0.0007	-0.0707	-0.0252	-0.0241	1.7814	1.7054
		12	0.0052	0.0029	0.0000							
51	4	10	0.800	-1.02	-0.00	0.5670	2.4344	-0.0299	-0.0108	-0.0091	1.8047	1.5290
		11	0.0088	0.0010	0.0042	2.9003	0.1726	-0.0221	-0.0076	-0.0076	1.7289	1.7191
		12	0.0073	0.0042	0.0002							
51	5	10	0.799	0.01	-0.00	0.4389	2.5394	-0.0144	-0.0052	-0.0031	1.8059	1.0753
		11	0.0077	0.0006	0.0039	2.8229	0.0705	-0.0066	-0.0019	-0.0016	1.4514	1.2125
		12	0.0090	0.0051	0.0001							

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key													
51	6	10	0.799	0.48	-0.00	0.1817	2.6356	-0.0033	-0.0009	0.0006	1.3972	-0.9567				
	11	11	0.0067	0.0002	0.0035	2.9159	0.0006	0.0029	0.0016	0.0006	2.7613	-3.1567				
	12	12	0.0087	0.0051	0.0000											
51	7	10	0.799	1.00	-0.00	0.1100	2.7313	0.0108	0.0038	0.0050	1.7634	2.3087				
	11	11	0.0062	0.0001	0.0034	2.7342	0.0684	0.0160	0.0060	0.0057	1.8862	1.7989				
	12	12	0.0093	0.0051	0.0001											
51	8	10	0.799	3.16	-0.00	0.0908	2.3156	0.0735	0.0257	0.0256	1.7519	1.7421				
	11	11	0.0068	0.0001	0.0031	2.4153	0.6290	0.0747	0.0266	0.0250	1.7788	1.6759				
	12	12	0.0100	0.0048	0.0012											
51	9	10	0.799	6.30	-0.00	-0.3965	2.9925	0.1642	0.0546	0.0568	1.6619	1.7316				
	11	11	0.0050	-0.0004	0.0030	2.7766	-0.4886	0.1687	0.0565	0.0584	1.6740	1.7324				
	12	12	0.0038	0.0021	-0.0003											
51	10	10	0.797	9.37	-0.00	-4.8239	4.5646	0.2976	0.0777	0.1062	1.3054	1.7846				
	11	11	0.0016	-0.0016	0.0015	2.3007	0.1727	0.2961	0.0783	0.1059	1.3224	1.7882				
	12	12	0.0074	0.0034	0.0002											
51	11	10	0.799	12.52	0.00	-4.8664	3.8100	0.4183	0.0742	0.1487	0.8868	1.7773				
	11	11	0.0016	-0.0016	0.0012	2.4629	0.0013	0.4175	0.0765	0.1495	0.9163	1.7909				
	12	12	0.0079	0.0039	0.0000											
51	12	10	0.799	-0.01	-0.00	0.4213	2.4479	-0.0124	-0.0043	-0.0025	1.7539	1.0373				
	11	11	0.0079	0.0006	0.0039	2.8108	0.0748	-0.0057	-0.0017	-0.0016	1.5055	1.4094				
	12	12	0.0085	0.0047	0.0001											
52	1	10	0.800	-3.05	-0.00	0.5025	2.5453	-0.0856	-0.0310	-0.0285	1.8136	1.6655				
	11	11	0.0089	0.0008	0.0045	2.8558	0.1174	-0.0755	-0.0271	-0.0257	1.7996	1.7014				
	12	12	0.0053	0.0030	0.0001											
52	2	10	0.800	-0.98	-0.00	0.6240	2.3957	-0.0392	-0.0140	-0.0119	1.7900	1.5196				
	11	11	0.0097	0.0012	0.0046	2.4449	0.5574	-0.0320	-0.0115	-0.0110	1.8108	1.7242				
	12	12	0.0045	0.0022	0.0005											
52	3	10	0.800	0.01	-0.00	0.0219	2.6839	-0.0246	-0.0090	-0.0062	1.8258	1.2751				
	11	11	0.0063	0.0000	0.0033	2.6279	0.4277	-0.0197	-0.0069	-0.0057	1.7534	1.4412				
	12	12	0.0044	0.0023	0.0003											
52	4	10	0.799	0.51	-0.00	0.2445	2.5524	-0.0200	-0.0073	-0.0037	1.8413	0.9322				
	11	11	0.0071	0.0003	0.0036	2.2128	1.1879	-0.0146	-0.0050	-0.0030	1.7157	1.0557				
	12	12	0.0021	0.0009	0.0005											

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
52	5	10	0.800	1.05	-0.00	0.2995	2.4793	-0.0023	-0.0011	0.0019	2.5246	-4.1316										
		11	0.0076	0.0004	0.0037	2.1723	0.6141	0.0019	0.0006	0.0022	1.7551	-5.8237										
		12	0.0041	0.0017	0.0005																	
52	6	10	0.800	3.19	-0.00	0.2260	2.2002	0.0610	0.0207	0.0213	1.6979	1.7473										
		11	0.0074	0.0003	0.0032	2.2375	0.4236	0.0636	0.0222	0.0215	1.7481	1.6891										
		12	0.0045	0.0020	0.0003																	
52	7	10	0.799	6.28	-0.00	0.0987	2.5931	0.1640	0.0544	0.0567	1.6591	1.7289										
		11	0.0068	0.0001	0.0035	1.8993	0.4038	0.1651	0.0553	0.0570	1.6754	1.7277										
		12	0.0047	0.0018	0.0003																	
52	8	10	0.798	9.34	-0.00	-2.8866	4.3101	0.2917	0.0768	0.1042	1.3175	1.7671										
		11	0.0022	-0.0012	0.0019	1.7425	0.6591	0.2897	0.0776	0.1034	1.3406	1.7648										
		12	0.0048	0.0016	0.0006																	
52	9	10	0.798	12.53	0.00	0.1819	2.6356	-0.0270	-0.0098	-0.0071	1.8211	1.3215										
		11	0.0010	-0.0021	0.0012	2.4075	0.4432	0.4170	0.0753	0.1478	0.9034	1.7724										
		12	0.0029	0.0010	-0.0003	1.8063	-0.6356	0.4165	0.0759	0.1489	0.9117	1.7684										
52	10	10	0.799	0.01	-0.00	0.5881	2.3231	-0.0890	-0.0323	-0.0294	1.8195	1.6531										
		11	0.0067	0.0002	0.0035	2.2286	0.5731	-0.0802	-0.0291	-0.0276	1.8182	1.7253										
		12	0.0028	0.0013	0.0002																	
53	1	10	0.799	-3.03	-0.00	0.4069	2.5149	-0.0459	-0.0166	-0.0141	1.8073	1.5374										
		11	0.0103	0.0012	0.0048	2.3374	0.4941	-0.0388	-0.0140	-0.0132	1.8120	1.7093										
		12	0.0033	0.0014	0.0003																	
53	2	10	0.799	-0.97	-0.00	0.4028	2.2867	-0.0336	-0.0123	-0.0093	1.8291	1.3840										
		11	0.0083	0.0006	0.0041	2.3653	0.3146	-0.0255	-0.0091	-0.0077	1.7930	1.5182										
		12	0.0038	0.0018	0.0003																	
53	3	10	0.799	0.04	-0.00	0.4592	2.3132	-0.0279	-0.0100	-0.0062	1.7949	1.1135										
		11	0.0083	0.0006	0.0037	2.3374	0.4941	-0.0201	-0.0071	-0.0051	1.7649	1.2693										
		12	0.0040	0.0019	0.0002																	
53	4	10	0.789	0.52	-0.00	0.1671	2.3470	-0.0162	-0.0062	-0.0015	1.9299	0.4782										
		11	0.0084	0.0007	0.0039	2.3155	0.0016	-0.0093	-0.0033	-0.0003	1.7928	0.1923										
		12	0.0058	0.0018	0.0003																	
53	5	10	0.800	1.05	-0.00																	
		11	0.0070	0.0002	0.0032																	
		12	0.0025	0.0011	0.0000																	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key														
53	6	10	0.799	5.17	-0.00	0.1503	2.1680	0.0508	0.0170	0.0180	1.6749	1.7759					
	11	11	0.0075	0.0002	0.0032	0.22989	0.7891	0.0560	0.0191	0.0188	1.7033	1.6773					
	12	12	0.0048	0.0022	0.0007												
53	7	10	0.800	6.27	-0.00	0.3303	2.1813	0.1684	0.0554	0.0581	1.6470	1.7255					
	11	11	0.0083	0.0005	0.0036	2.1016	0.6654	0.1654	0.0551	0.0571	1.6662	1.7276					
	12	12	0.0047	0.0020	0.0006												
53	8	10	0.799	9.37	-0.00	12.3699	9.5027	0.2943	0.0768	0.1047	1.3051	1.7791					
	11	11	0.0007	-0.0018	0.0013	1.8566	0.6540	0.2893	0.0774	0.1033	1.3381	1.7855					
	12	12	0.0067	0.0025	0.0008												
53	9	10	0.800	12.54	0.00	9.2051	-0.7982	0.4151	0.0748	0.1472	0.9016	1.7730					
	11	11	-0.0015	-0.0028	0.0002	1.8881	-0.3167	0.4156	0.0758	0.1484	0.9127	1.7862					
	12	12	0.0039	0.0014	-0.0002												
53	10	10	0.799	0.02	-0.00	0.4069	2.4389	-0.0334	-0.0121	-0.0093	1.8229	1.3913					
	11	11	0.0082	0.0006	0.0040	2.0476	0.7047	-0.0254	-0.0091	-0.0078	1.7930	1.5434					
	12	12	0.0036	0.0014	0.0005												
53	11	10	0.800	-2.98	-0.00	0.6696	2.1528	-0.0943	-0.0343	-0.0315	1.8216	1.6730					
	11	11	0.0114	0.0015	0.0049	2.4006	0.9106	-0.0846	-0.0309	-0.0291	1.8273	1.7201					
	12	12	0.0041	0.0019	0.0007												
53	12	10	0.799	-0.98	-0.00	0.5086	2.0865	-0.0465	-0.0170	-0.0150	1.8314	1.6206					
	11	11	0.0096	0.0009	0.0040	1.1080	1.3873	-0.0406	-0.0149	-0.0140	1.8322	1.7286					
	12	12	0.0009	0.0002	0.0002												
53	13	10	0.799	0.06	-0.00	0.4970	2.3337	-0.0340	-0.0125	-0.0096	1.8481	1.4200					
	11	11	0.0089	0.0008	0.0041	1.6414	1.2545	-0.0287	-0.0104	-0.0089	1.8161	1.5584					
	12	12	0.0025	0.0008	0.0006												
54	1	10	0.799	-3.01	-0.00	0.5693	2.2005	-0.0923	-0.0337	-0.0311	1.8254	1.6864					
	11	11	0.0105	0.0012	0.0046	2.0147	0.7286	-0.0840	-0.0307	-0.0288	1.8287	1.7180					
	12	12	0.0026	0.0010	0.0003												
54	2	10	0.799	-0.96	-0.00	0.4817	2.3291	-0.0491	-0.0179	-0.0157	1.8257	1.5972					
	11	11	0.0091	0.0008	0.0042	1.9951	0.3593	-0.0411	-0.0149	-0.0141	1.8241	1.7247					
	12	12	0.0034	0.0013	0.0002												
54	3	10	0.800	0.06	-0.00	0.0925	2.4880	-0.0349	-0.0129	-0.0102	1.8569	1.4729					
	11	11	0.0070	0.0001	0.0035	2.3046	0.5179	-0.0275	-0.0101	-0.0088	1.8319	1.5976					
	12	12	0.0036	0.0016	0.0003												

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
54	4	10	0.800	0.54	-0.00	0.2283	2.2849	-0.0325	-0.0120	-0.0084	1.8482	1.3033										
		11	0.0074	0.0003	0.0033	0.23673	0.4724	-0.0244	-0.0086	-0.0068	1.7800	1.3971										
		12	0.0026	0.0012	0.0002																	
54	5	10	0.800	1.05	-0.00	0.0874	2.3104	-0.0289	-0.0103	-0.0061	1.7874	1.0647										
		11	0.0070	0.0001	0.0032	32.4809	-21.3727	-0.0231	-0.0084	-0.0054	1.8204	1.1782										
		12	-0.0001	-0.0007	0.0005																	
54	6	10	0.800	3.18	-0.00	-0.0745	2.2477	0.0511	0.0165	0.0178	1.6219	1.7418										
		11	0.0064	-0.0000	0.0028	-0.0745	2.2477	0.0511	0.0165	0.0178	1.6219	1.7418										
		12	0.0003	-0.0006	0.0007	-10.3674	11.7061	0.0548	0.0184	0.0185	1.6824	1.6925										
54	7	10	0.799	6.25	-0.00	0.3491	2.0737	0.1610	0.0534	0.0552	1.6575	1.7133										
		11	0.0093	0.0006	0.0038	39.4826	-13.0894	0.1607	0.0535	0.0553	1.6671	1.7210										
		12	-0.0000	-0.0007	0.0002																	
54	8	10	0.800	9.38	-0.00	-4.8002	4.9863	0.2887	0.0767	0.1022	1.3284	1.7706										
		11	0.0017	-0.0016	0.0017	-4.8002	4.9863	0.2887	0.0767	0.1022	1.3284	1.7706										
		12	0.0013	-0.0002	0.0005																	
54	9	10	0.800	12.54	0.00	5.1463	0.2214	0.4129	0.0745	0.1463	0.9028	1.7719										
		11	-0.0028	-0.0029	-0.0001	5.1463	0.2214	0.4129	0.0745	0.1463	0.9028	1.7719										
		12	-0.0033	0.0002	0.0007	0.4129	1.1294	0.4110	0.0763	0.1467	0.9290	1.7849										
54	10	10	0.800	0.06	-0.00	0.4069	2.4389	-0.0330	-0.0123	-0.0096	1.8629	1.4674										
		11	0.0082	0.0006	0.0040	0.4069	2.4389	-0.0330	-0.0123	-0.0096	1.8629	1.4674										
		12	0.0004	-0.0002	0.0005	-2.4721	5.3459	-0.0277	-0.0101	-0.0089	1.8319	1.6208										
55	1	10	0.800	-2.99	-0.00	0.4656	2.2585	-0.0943	-0.0346	-0.0319	1.8356	1.6939										
		11	0.0095	0.0008	0.0043	0.4656	2.2585	-0.0943	-0.0346	-0.0319	1.8356	1.6939										
		12	0.0014	0.0005	0.0003	1.8113	1.3248	-0.0864	-0.0315	-0.0296	1.8268	1.7133										
55	2	10	0.799	-0.95	-0.00	0.2748	2.3054	-0.0515	-0.0189	-0.0168	1.8423	1.6319										
		11	0.0082	0.0004	0.0037	0.2748	2.3054	-0.0515	-0.0189	-0.0168	1.8423	1.6319										
		12	0.0017	0.0007	0.0003	2.0501	1.0625	-0.0453	-0.0168	-0.0157	1.8549	1.7363										
55	3	10	0.800	0.09	-0.00	0.1722	2.5272	-0.0331	-0.0124	-0.0098	1.8693	1.4793										
		11	0.0070	0.0002	0.0035	0.1722	2.5272	-0.0331	-0.0124	-0.0098	1.8693	1.4793										
		12	0.0029	0.0012	0.0002	2.1326	0.4268	-0.0285	-0.0106	-0.0093	1.8681	1.6378										
55	4	10	0.800	0.55	-0.00	0.1722	2.5272	-0.0262	-0.0099	-0.0068	1.8906	1.3061										
		11	0.0069	0.0002	0.0035	0.1722	2.5272	-0.0262	-0.0099	-0.0068	1.8906	1.3061										
		12	0.0046	0.0021	0.0003	2.2671	0.4075	-0.0225	-0.0084	-0.0066	1.8674	1.4626										

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
55	5	10	0.800	1.12	-0.00	0.2289	2.2849	-0.0220	-0.0082	-0.0041	1.8672	0.9369		
		11	0.0074	0.0003	0.0034	0.5547	-0.0177	-0.0065	-0.0038	1.8383	1.0885			
		12	0.0057	0.0027	0.0006									
55	6	10	0.800	3.17	-0.00	0.2081	2.1206	0.0452	0.0143	0.0162	1.5869	1.7917		
		11	0.0080	0.0003	0.0034	0.3102	0.4100	0.0492	0.0161	0.0169	1.6444	1.7185		
		12	0.0061	0.0028	0.0005									
55	7	10	0.801	6.28	-0.00	-0.3219	2.3299	0.1583	0.0523	0.0540	1.6515	1.7074		
		11	0.0064	-0.0004	0.0030	2.4356	-0.1356	0.1579	0.0526	0.0541	1.6664	1.7130		
		12	0.0045	0.0022	-0.0001									
55	8	10	0.801	9.37	-0.00	-3.3724	5.3016	0.2905	0.0767	0.1029	1.3209	1.7726		
		11	0.0020	-0.0013	0.0021	1.9414	0.7098	0.2862	0.0770	0.1017	1.3459	1.7779		
		12	0.0089	0.0034	0.0012									
55	0	10	0.800	12.57	-0.00	5.7218	-0.9848	0.4110	0.0749	0.1451	0.9113	1.7660		
		11	0.0025	-0.0029	0.0005	2.1941	0.2549	0.4074	0.0767	0.1452	0.9422	1.7824		
		12	0.0074	0.0032	0.0003									
55	10	10	0.801	0.04	-0.00	0.4651	2.5365	-0.0334	-0.0125	-0.0100	1.8818	1.5027		
		11	0.0084	0.0007	0.0042	0.6175	0.2906	-0.0286	-0.0107	-0.0094	1.8751	1.6501		
		12	0.0087	0.0045	0.0005									
56	3	10	0.799	3.13	-0.00	0.2566	2.9901	-0.0731	-0.0263	-0.0246	1.7977	1.6827		
		11	0.0072	0.0003	0.0043	0.7280	0.6516	-0.0618	-0.0217	-0.0211	1.7561	1.7097		
		12	0.0087	0.0047	0.0011									
56	4	10	0.799	3.13	-0.00	0.3062	2.7263	-0.0729	-0.0261	-0.0242	1.7944	1.6598		
		11	0.0076	0.0004	0.0041	0.8126	0.3807	-0.0618	-0.0217	-0.0211	1.7561	1.7097		
		12	0.0083	0.0046	0.0006									
56	5	10	0.799	3.13	-0.00	0.4520	2.5969	-0.0748	-0.0270	-0.0252	1.8038	1.6858		
		11	0.0087	0.0007	0.0045	0.7324	0.5671	-0.0626	-0.0220	-0.0213	1.7584	1.7078		
		12	0.0089	0.0048	0.0010									
56	6	10	0.799	0.03	-0.00	0.1819	2.6356	-0.0048	-0.0016	-0.0007	1.7355	0.8888		
		11	0.0067	0.0002	0.0035	0.7483	0.5353	0.0096	0.0039	0.0026	1.7320	1.3688		
		12	0.0094	0.0052	0.0010									
56	7	10	0.799	0.46	-0.00	-0.1653	2.7658	0.0074	0.0028	0.0037	1.8825	2.5057		
		11	0.0057	-0.0001	0.0031									
		12												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																							
56	8	10	11	12	0.0086	0.0048	0.0008	2.8239	0.5122	0.0208	0.0079	0.0063	1.0974	1.5311											
					0.783	0.98	-0.0027	-1.4082	4.0024	0.0233	0.0083	0.0091	1.7898	1.9587											
					0.0034	-0.0009	0.0009	2.8239	0.5122	0.0338	0.0128	0.0109	1.0986	1.6212											
					0.0090	0.0051	0.0009	-1.6719	3.8303	0.0476	0.0168	0.0170	1.7692	1.7860											
56	9	10	11	12	0.798	2.06	-0.0024	-2.6498	0.4036	0.0564	0.0207	0.0185	1.8361	1.6442											
					0.0031	-0.0010	0.0007	2.9686	3.6368	0.0753	0.0267	0.0263	1.7721	1.7508											
					0.0094	0.0050	0.0007	-2.9003	0.1726	0.0833	0.0302	0.0279	1.8129	1.6769											
56	10	10	11	12	0.799	3.16	-0.0021	-1.9684	2.9032	0.1052	0.0369	0.0363	1.7547	1.7271											
					0.0029	-0.0011	0.0002	-0.9684	0.3728	0.1105	0.0393	0.0376	1.7789	1.7028											
					0.0073	0.0042	0.0002	-2.8169	0.0006	0.0000	0.0000	0.0000	2.0069	1.2577											
56	11	10	11	12	0.798	4.16	-0.0025	-0.1620	2.8759	-0.0026	-0.0010	-0.0003	2.0069	0.7438											
					0.0043	-0.0008	0.0006	2.9145	0.2311	0.0099	0.0039	0.0025	1.9720	1.2577											
					0.0085	0.0047	0.0006	0.0989	2.8166	-0.0747	-0.0270	-0.0203	1.8064	1.6644											
56	12	10	11	12	0.799	-0.003	-0.0032	2.5925	0.7361	-0.0593	-0.0208	-0.0203	1.7527	1.7105											
					0.0057	-0.0001	0.0003	0.0989	2.8166	-0.0747	-0.0270	-0.0203	1.8064	1.6644											
					0.0082	0.0048	0.0003	-0.7990	3.2055	-0.0037	-0.0013	-0.0002	1.8253	0.3493											
57	1	10	11	12	0.799	-3.10	-0.0041	-2.7868	0.5418	0.0127	0.0050	0.0033	1.9936	1.3318											
					0.0073	0.0001	0.0001	4.7193	6.4236	0.0073	0.0025	0.0037	1.7525	2.5283											
					0.0120	0.0062	0.0017	2.7158	0.5028	0.0234	0.0089	0.0070	1.9095	1.4963											
57	2	10	11	12	0.798	-0.001	-0.0029	-0.7990	3.2055	-0.0037	-0.0013	-0.0002	1.8253	0.3493											
					0.0045	-0.0007	0.0013	-2.7868	0.5418	0.0127	0.0050	0.0033	1.9936	1.3318											
					0.0108	0.0060	0.0013	4.7193	6.4236	0.0073	0.0025	0.0037	1.7525	2.5283											
57	3	10	11	12	0.797	0.46	-0.0021	-4.7193	6.4236	0.0073	0.0025	0.0037	1.7525	2.5283											
					0.0016	-0.0015	0.0021	2.7158	0.5028	0.0234	0.0089	0.0070	1.9095	1.4963											
					0.0113	0.0061	0.0011	-6.8511	7.2177	0.0201	0.0070	0.0110	1.7442	1.5809											
57	4	10	11	12	0.799	1.00	-0.0018	-6.8511	7.2177	0.0201	0.0070	0.0110	1.7442	1.5809											
					0.0013	-0.0017	0.0013	2.6545	0.5912	0.0348	0.0132	0.0110	1.9011	1.5809											
					0.0117	0.0062	0.0013	45.8532	-19.0822	0.0471	0.0165	0.0197	1.7593	1.6363											
57	5	10	11	12	-0.799	2.06	-0.0010	45.8532	-19.0822	0.0471	0.0165	0.0197	1.7593	1.6363											
					0.0002	-0.0024	0.0010	2.9294	0.2680	0.0603	0.0220	0.0197	1.6302	1.7439											
					0.0094	0.0055	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000											
57	6	10			0.798	3.09	-0.00																		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																																																																																																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97
57	7	10 12	0.0031 0.0108	0.0010 0.0058	0.0010 0.0010	1.6664 2.6999	2.08 0.6247	0.6247 0.4685	0.0740 0.0852	0.0260 0.0308	0.0257 0.0285	1.7610 1.8114	1.7384 1.6733																																																																																						
57	7	10 12	0.798 0.0011 0.0097	0.13 -0.0022 0.0055	0.0011 0.0007	-9.7586 2.8437	4.8871 0.3907	0.1018 0.1139	0.0354 0.0404	0.0353 0.0386	1.7413 1.7740	1.7356 1.6962																																																																																							
57	8	10 11 12	0.798 0.0017 0.0103	-0.003 -0.0017 0.0057	0.0017 0.0007	-4.8002 2.7689	4.9863 0.3666	-0.0018 0.0125	-0.0009 0.0049	0.0001 0.0032	2.5277 1.9793	-0.3399 -1.2997																																																																																							
58	1	10 11 12	0.799 0.0071 0.0173	-3.10 -0.0001 0.0082	0.0039 0.0036	-0.1278 2.3747	2.7372 1.0626	-0.0783 -0.0534	-0.0285 -0.0185	-0.0262 -0.0189	1.8219 1.7349	1.6727 1.7708																																																																																							
58	2	10 11 12	0.798 0.003 -0.0139	-0.0026 0.0072	0.0014 0.0021	4.4750 2.5883	-21.9615 0.7747	-0.0067 0.0167	-0.0028 0.0064	-0.0013 0.0042	2.1075 1.9225	0.9624 1.2792																																																																																							
58	3	10 11 12	0.797 -0.0014 -0.0139	0.46 -0.0029 0.0073	0.0008 0.0021	10.3525 2.6491	-3.1030 0.7809	0.0010 0.0251	-0.0000 0.0097	0.0015 0.0077	-0.1332 -1.9414	7.2479 1.5333																																																																																							
58	4	10 11 12	0.798 -0.0035 -0.0133	1.01 0.0037 0.0070	0.0017 0.0017	5.2514 2.6319	0.1815 0.6674	0.0141 0.0382	0.0045 0.0143	0.0056 0.0117	1.6137 1.8789	2.0103 1.5322																																																																																							
58	5	10 11 12	0.798 -0.0063 -0.0134	2.09 -0.0047 0.0069	0.0014 0.0022	3.7275 2.5720	1.1066 0.8534	0.0429 0.0638	0.0146 0.0235	0.0152 0.0205	1.7033 1.8439	1.7818 1.6101																																																																																							
58	6	10 11 12	0.798 -0.0104 -0.0135	3.11 -0.0061 0.0068	0.0020 0.0020	2.9491 2.5085	1.3463 0.7513	0.0738 0.0908	0.0254 0.0330	0.0255 0.0302	1.7253 1.8202	1.7274 1.6645																																																																																							
58	7	10 11 12	0.799 -0.0043 -0.0124	4.11 -0.0044 0.0062	0.0015 0.0015	5.0577 2.5288	1.4698 0.6153	0.1042 0.1200	0.0358 0.0425	0.0407 0.0407	1.7207 1.7716	1.7183 1.6991																																																																																							
58	8	10 11 12	0.798 -0.0012 -0.0147	-0.002 -0.0028 0.0073	0.0012 0.0024	11.4262 2.4907	-5.1055 0.8223	-0.0072 -0.0159	-0.0029 -0.0063	-0.0013 -0.0041	2.0423 1.9816	0.9004 1.2994																																																																																							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
59	1	10	0.798	-0.0007	-0.0030	0.0019	-0.0092	11.9553	-0.0898	-0.0312	-0.0283	1.8601	1.6869	
		11	0.0007	0.0030	0.0030	0.0019	11.9553	-0.0898	-0.0312	-0.0283	1.8601	1.6869		
		12	0.0325	0.0139	0.0092	2.1460	1.4283	-0.0385	-0.0126	-0.0140	1.6426	1.8229		
59	2	10	0.799	-0.0087	-0.0053	2.7521	0.9132	-0.0205	-0.0083	-0.0055	2.0451	1.3571		
		11	0.0159	0.0087	0.0029	2.3454	1.1640	0.0267	0.0107	0.0074	2.0120	1.3842		
		12	0.0229	0.0107	0.0053	2.5801	1.0630	-0.0137	-0.0060	-0.0028	1.9442	1.0406		
59	3	10	0.799	-0.0096	-0.0045	2.5870	1.0946	-0.0137	-0.0060	-0.0028	2.1897	1.0406		
		11	0.0179	0.0096	0.0039	2.3801	1.0630	0.0363	0.0141	0.0108	1.9442	1.4848		
		12	0.0215	0.0102	0.0045	2.5326	0.9977	-0.0042	-0.0025	0.0009	2.9802	-1.0499		
59	4	10	0.798	-0.0107	-0.0050	2.5326	0.9977	-0.0042	-0.0025	0.0009	2.9802	-1.0499		
		11	0.0211	0.0107	0.0050	2.3853	0.9977	0.0462	0.0178	0.0143	1.9296	1.5483		
		12	0.0203	0.0097	0.0040	2.5059	1.4285	0.0245	0.0075	0.0091	1.5373	1.8661		
59	5	10	0.798	-0.0129	-0.0081	2.2904	1.4285	0.0245	0.0075	0.0091	1.5373	1.8661		
		11	0.0283	0.0129	0.0081	2.5059	0.9518	0.0699	0.0264	0.0227	1.8902	1.6243		
		12	0.0166	0.0083	0.0031	2.2098	1.6083	0.0592	0.0193	0.0202	1.6289	1.7096		
59	6	10	0.798	-0.0141	-0.0078	2.5715	0.9166	0.1002	0.0367	0.0335	1.8331	1.6718		
		11	0.0319	0.0141	0.0102	2.3778	1.5906	0.0897	0.0302	0.0303	1.6861	1.6900		
		12	0.0152	0.0078	0.0027	2.4705	0.9755	0.1295	0.0459	0.0441	1.7721	1.7015		
59	7	10	0.798	-0.0127	-0.0084	2.6213	0.8750	-0.0169	-0.0071	-0.0043	2.0992	1.2945		
		11	0.0267	0.0127	0.0084	2.2753	1.1730	0.0278	0.0112	0.0076	2.0224	1.3721		
		12	0.0156	0.0077	0.0030	1.1434	2.6687	-0.0706	-0.0260	-0.0247	1.7250	1.7471		
59	8	10	0.799	-0.0090	-0.0059	1.3330	1.9164	0.0110	0.0043	0.0030	1.9974	1.4045		
		11	0.0172	0.0090	0.0030	0.7100	2.7645	-0.0051	-0.0022	-0.0020	1.9320	1.9320		
		12	0.0253	0.0115	0.0059	1.2992	2.1161	-0.0574	-0.0260	-0.0247	1.7250	1.7471		
60	1	10	0.799	-0.0034	-0.0069	1.3330	1.9164	0.0110	0.0043	0.0030	1.9974	1.4045		
		11	0.0152	0.0034	0.0064	0.7100	2.7645	-0.0051	-0.0022	-0.0020	1.9320	1.9320		
		12	-0.0130	-0.0033	-0.0069	1.2992	2.1161	-0.0574	-0.0260	-0.0247	1.7250	1.7471		
60	2	10	0.798	-0.0046	-0.0029	1.3560	1.9487	0.0229	0.0088	0.0074	1.9314	1.6254		
		11	0.0174	0.0046	0.0067	0.2079	3.9097	0.0027	0.0007	0.0012	1.4512	2.2727		
		12	-0.0052	-0.0007	-0.0029	1.3560	1.9487	0.0229	0.0088	0.0074	1.9314	1.6254		
60	3	10	0.799	0.0047	0.0066	1.3560	1.9487	0.0229	0.0088	0.0074	1.9314	1.6254		
		11	0.0171	0.0046	0.0066	0.2079	3.9097	0.0027	0.0007	0.0012	1.4512	2.2727		
		12	-0.0030	-0.0001	-0.0023	1.3560	1.9487	0.0229	0.0088	0.0074	1.9314	1.6254		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
60	4	10 11 12	0.798 0.0191 -0.0020	0.0053 0.0002	-0.009 0.0073 -0.0022	1.3880 -0.7060	1.9167 3.4650	0.0316 0.0150	0.0118 0.0051	0.0106 0.0050	1.8764 1.6942	1.6874 1.6640						
60	5	10 11 12	0.798 0.0230 0.0017	2.05 0.0064 0.0015	0.00 0.0083 -0.0012	1.4044 4.4902	1.8052 3.6837	0.0561 0.0394	0.0206 0.0135	0.0189 0.0126	1.8364 1.7222	1.6856 1.6027						
60	6	10 11 12	0.799 0.0238 0.0029	3.13 0.0068 0.0019	0.00 0.0089 -0.0008	1.4253 3.2830	1.8753 -1.4857	0.0861 0.0683	0.0311 0.0237	0.0293 0.0228	1.8094 1.7395	1.7013 1.6753						
60	7	10 11 12	0.798 0.0231 0.0048	4.16 0.0065 0.0029	-0.00 0.0088 -0.0005	1.4067 3.0054	1.9148 -0.5223	0.1150 0.0997	0.0403 0.0347	0.0392 0.0333	1.7514 1.7415	1.7058 1.6705						
60	8	10 11 12	0.799 0.0174 -0.0044	-0.05 0.0046 -0.0004	-0.00 0.0066 -0.0030	1.3330 0.4799	1.9164 3.4278	0.0120 -0.0048	0.0046 -0.0020	0.0037 -0.0017	1.9471 2.1307	1.5465 1.8069						
61	6	10 11 12	1.249 0.0145 -0.0111	-3.12 0.0040 -0.0073	0.00 0.0057 -0.0059	1.3855 3.2799	1.9614 2.6676	-0.0588 -0.0748	-0.0186 -0.0283	-0.0194 -0.0260	1.5812 1.8941	1.6534 1.7363						
61	7	10 11 12	1.248 0.0165 -0.0012	-0.02 0.0066 -0.0054	0.00 0.0061 -0.0011	2.0011 21.7211	1.8653 4.4468	0.0157 -0.0038	0.0090 -0.0042	0.0054 -0.0015	2.8522 3.4409	1.7352 1.9970						
61	8	10 11 12	1.253 0.0175 0.0009	0.48 0.0063 -0.0057	0.00 0.0063 -0.0004	1.7983 -31.2333	1.8161 -2.3778	0.0243 0.0036	0.0126 -0.0015	0.0083 0.0012	2.6011 -2.0640	1.7035 1.6632						
61	0	10 11 12	1.250 0.0186 0.0029	1.04 0.0075 -0.0040	0.00 0.0070 -0.0003	2.0342 -6.8107	1.8966 -0.5500	0.0380 0.0179	0.0175 0.0035	0.0131 0.0057	2.3098 0.9960	1.7219 1.6086						
61	10	10 11 12	1.243 0.0222 0.0041	2.08 0.0101 -0.0012	0.00 0.0078 0.0002	2.2947 -1.5551	1.7748 0.2795	0.0633 0.0429	0.0252 0.0128	0.0220 0.0135	1.9953 1.4900	1.7445 1.5811						
61	11	10 11 12	1.244 0.0232 0.0060	3.14 0.0105 -0.0003	0.00 0.0089 0.0001	2.2614 -0.2795	1.9172 0.0996	0.0948 0.0748	0.0343 0.0233	0.0329 0.0242	1.8110 1.5811	1.7381 1.6190						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																			
61	12	10	1.243	4.19	0.09	2.3293	1.8844	0.1274	0.0425	0.0441	1.6678	1.7331										
		11	0.0222	0.0103	0.0083	3.1274	0.0005	0.1046	0.0357	0.0342	1.6114	1.6356										
		12	-0.1556	-0.0973	-0.0000																	
61	13	10	1.243	-0.04	0.00	2.6277	28.7540	0.0160	0.0088	0.0051	2.7536	1.6050										
		11	0.0213	0.0112	0.1228	3.1091	0.0458	-0.0039	-0.0041	-0.0017	5.1996	2.2363										
		12	-0.1618	-0.1006	-0.0014																	
62	3	10	1.252	0.48	-0.10	1.0806	0.0153	0.0121	0.0037	0.0050	1.5591	2.0090										
		11	0.4293	0.0927	0.0013	1.4909	0.7122	0.0217	0.0084	0.0055	1.9495	1.2849										
		12	0.0159	0.0047	0.0022																	
62	4	10	1.250	1.03	-0.00	-2.2115	3.0863	0.0257	0.0088	0.0093	1.7312	1.8117										
		11	0.0047	-0.0020	0.0029	1.7579	0.6074	0.0337	0.0132	0.0096	1.9639	1.4246										
		12	0.0168	0.0059	0.0020																	
62	5	10	1.250	2.08	-0.00	-2.5316	3.1334	0.0532	0.0182	0.0183	1.7152	1.7279										
		11	0.0037	-0.0019	0.0023	1.6810	0.5866	0.0580	0.0215	0.0180	1.8578	1.5527										
		12	0.0164	0.0055	0.0019																	
62	6	10	1.249	3.11	-0.00	-3.0554	3.6129	0.0842	0.0277	0.0281	1.6453	1.6970										
		11	0.0028	-0.0017	0.0020	1.8041	0.6360	0.0882	0.0308	0.0281	1.7477	1.5954										
		12	0.0187	0.0067	0.0023																	
62	7	10	1.247	4.20	-0.00	-4.1280	4.5950	0.1148	0.0369	0.0390	1.6074	1.6999										
		11	0.0018	-0.0015	0.0016	1.9140	0.5918	0.1172	0.0399	0.0385	1.7055	1.6445										
		12	0.0191	0.0073	0.0022																	
62	8	10	1.245	-0.04	-0.00	-0.6181	2.6464	0.0018	-0.0006	0.0012	-1.7149	3.5010										
		11	0.0068	-0.0008	0.0036	-2.2239	0.5458	0.0106	0.0048	0.0016	-2.2848	0.7903										
		12	0.0186	0.0083	0.0020																	
63	1	10	1.251	3.13	-0.00	-1.2814	2.7874	-0.0740	-0.0276	-0.0246	1.8689	1.6656										
		11	0.0066	-0.0017	0.0036	1.9529	0.9790	-0.0628	-0.0211	-0.0225	1.6849	1.7921										
		12	0.0166	0.0065	0.0032																	
63	2	10	1.249	-0.04	-0.00	-4.1677	3.8362	-0.0015	-0.0020	0.0004	6.5743	-1.5009										
		11	0.0036	-0.0030	0.0027	1.8151	0.7753	0.0131	0.0057	0.0022	2.1910	0.8490										
		12	0.0174	0.0063	0.0027																	
63	3	10	1.248	0.47	-0.00	-4.1422	3.5689	0.0113	0.0027	0.0045	1.1903	2.0135										
		11	0.0034	-0.0028	0.0024	1.8533	0.8458	0.0235	0.0102	0.0061	2.1698	1.2985										
		12	0.0153	0.0056	0.0025																	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →											
63	4	10 11 12	1.248 0.0014 0.0160	0.00 -0.0034 0.0059	-0.00 0.0024 0.0024	-11.5742 1.8571 0.7719	6.8089 0.7719 0.7719	0.0252 0.0356 0.0356	0.0076 0.0145 0.0145	0.0090 0.0100 0.0100	1.5258 2.0473 2.0473	1.7919 1.4047 1.4047		
63	5	10 11 12	1.247 0.4201 0.0142	0.0903 0.0052 0.0052	-0.00 0.0023 0.0023	1.0746 1.8231 0.8278	-0.0070 0.0589 0.0589	0.2041 0.0228 0.0228	0.1120 0.0180 0.0180	0.1340 0.0180 0.0180	2.7432 1.9366 1.9366	3.2219 1.5274 1.5274		
63	6	10 11 12	1.248 0.0009 0.0165	3.14 -0.0038 0.0049	-0.12 0.0029 0.0029	19.3732 1.5102 0.8874	-3.3352 0.0893 0.0893	0.2368 0.0318 0.0318	0.1220 0.0287 0.0287	0.1449 0.0287 0.0287	2.5767 1.7792 1.7792	3.0597 1.6110 1.6110		
63	7	10 11 12	1.246 0.4207 0.0114	2.89 0.0027 0.0027	-0.00 0.1144 0.0023	1.1117 1.1891 1.0300	1.3599 0.1124 0.1190	0.0356 0.0407 0.0407	0.0381 0.0390 0.0390	1.5836 1.7130 1.7130	1.6973 1.6388 1.6388			
63	8	10 11 12	1.250 0.0034 0.0153	-0.00 -0.0031 0.0053	-0.00 0.0027 0.0025	-4.4909 1.7541 0.8435	4.0095 -0.0070 0.0140	-0.0027 0.0061 0.0061	0.1173 0.0025 0.0025	1.9493 2.1964 2.1964	0.6688 0.9062 0.9062			
64	1	10 11 12	1.250 0.0031 0.0213	-3.10 -0.0034 0.0095	-0.00 0.0031 0.0048	-5.6120 2.2361 1.1264	5.0252 -0.0768 -0.0572	-0.0294 -0.0183 -0.0183	-0.0257 -0.0209 -0.0209	1.9161 1.6000 1.6000	1.6734 1.8342 1.8342			
64	2	10 11 12	1.249 0.0006 0.0211	-0.00 -0.0058 0.0096	-0.00 0.0034 0.0034	43.8490 -12.5847 0.8279	-0.0035 0.0176 0.0176	-0.0040 0.0086 0.0086	-0.0002 0.0033 0.0033	5.7073 2.4498 2.4498	0.3243 0.9472 0.9472			
64	3	10 11 12	1.250 0.0022 0.0205	0.49 -0.0065 0.0094	-0.00 0.0011 0.0030	14.2877 -2.4442 0.7399	0.0059 0.0269 0.0269	-0.0003 0.0124 0.0124	0.0030 0.0066 0.0066	-0.2561 2.3037 2.3037	2.6170 1.2424 1.2424			
64	4	10 11 12	1.249 0.0034 0.0194	1.03 -0.0070 0.0083	-0.00 0.0004 0.0030	10.1766 -0.6249 0.7825	0.0198 0.0390 0.0390	0.0044 0.0169 0.0169	0.0075 0.0108 0.0108	1.1108 2.1714 2.1714	1.9061 1.3840 1.3840			
64	5	10 11 12	1.249 0.0058 0.0157	2.06 -0.0071 0.0057	-0.00 0.0009 0.0030	6.1109 0.7852 0.9687	0.0492 0.0629 0.0629	0.0142 0.0252 0.0252	0.0164 0.0190 0.0190	1.4510 2.0035 2.0035	1.6752 1.5136 1.5136			
64	6	10 11	1.249 -0.0087	3.13 -0.0078	-0.00 0.0024	4.4627 1.4238	0.0793 0.0242	0.0242 0.0265	0.0265 1.5248	1.5248 1.6715	1.6715 1.6715			

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key										
64	7	12	0.0148	0.0046	0.0030	1.5558	1.0249	0.0925	0.0539	0.0295	1.0352	1.5906
		10	1.248	4.17	-0.10							
		11	-0.0073	-0.0069	-0.0020	4.7375	1.3909	0.1108	0.0341	0.0371	1.5394	1.6769
		12	0.0176	0.0058	0.0030	1.6536	0.8615	0.1234	0.0421	0.0406	1.7084	1.6452
64	8	10	1.247	-0.04	-0.00	92.0644	-30.1789	-0.0045	-0.0044	-0.0005	4.9326	0.6311
		11	-0.0002	-0.0054	0.0017	2.3278	0.8256	0.0162	0.0080	0.0030	2.4952	0.9275
		12	0.0211	0.0098	0.0034							
55	1	10	1.249	-3.14	-0.00	53.7623	-9.2161	-0.0828	-0.0340	-0.0280	2.0535	1.9229
		11	-0.0006	-0.0070	0.0012	2.6282	1.3761	-0.0460	-0.0116	-0.0179	1.2656	1.9483
		12	0.0354	0.0186	0.0097							
65	2	10	1.252	-0.02	-0.00	5.3815	0.7225	-0.0116	-0.0107	-0.0032	4.5888	1.3725
		11	-0.0125	-0.0135	-0.0018	2.5089	1.2167	0.0275	0.0155	0.0061	2.8280	1.1136
		12	0.0249	0.0125	0.0060							
65	3	10	1.249	0.46	-0.00	4.9161	0.9398	-0.0065	-0.0087	-0.0008	6.6203	0.6078
		11	-0.0145	-0.0142	-0.0027	2.6452	1.1376	0.0342	0.0185	0.0087	2.7090	1.2728
		12	0.0238	0.0126	0.0054							
65	4	10	1.250	1.01	-0.00	4.7580	1.1832	0.0042	-0.0046	0.0030	-5.5273	3.6878
		11	-0.0163	-0.0155	-0.0038	2.5805	1.0087	0.0459	0.0225	0.0129	2.4524	1.4095
		12	0.0240	0.0124	0.0048							
65	5	10	1.252	2.08	-0.00	3.9507	1.4482	0.0355	0.0053	0.0127	0.7472	1.7909
		11	-0.0230	-0.0182	-0.0066	2.3787	1.0201	0.0707	0.0302	0.0216	2.1389	1.5284
		12	0.0226	0.0107	0.0046							
65	6	10	1.250	3.15	-0.00	3.4420	1.6703	0.0604	0.0155	0.1398	1.2883	11.5729
		11	-0.0270	-0.0186	-0.0090	2.3641	0.9645	0.1007	0.0389	0.0321	1.9320	1.5951
		12	0.0222	0.0105	0.0042							
65	7	10	1.248	4.16	-0.00	3.5332	1.6723	0.0994	0.0277	0.0333	1.3785	1.6773
		11	-0.0236	-0.0167	-0.0079	2.1176	1.1800	0.1322	0.0460	0.0435	1.7408	1.6444
		12	0.0196	0.0083	0.0046							
65	8	10	1.250	-0.00	-0.00	5.7335	0.7100	-0.0125	-0.0111	-0.0034	4.4185	1.3686
		11	-0.0112	-0.0128	-0.0015	2.4238	1.6769	-0.0276	-0.0156	-0.0063	2.8296	1.1482
		12	0.0174	0.0084	0.0058							
68	1	10	1.247	-3.10	44.99							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
			-0.0639	-0.0245	-0.0198	1.9207	1.5523	-0.0404	-0.0138	-0.0130	1.7135	1.7003										
	11	12	-0.0462	-0.0122	-0.0165	1.3256	1.7840	-0.0548	-0.0226	-0.0202	2.0629	1.6509										
68	2	10	1.248	0.06	4.99	2.3317	0.2993	0.0037	0.0013	0.0013	1.8167	1.7985										
	11	12	-0.0089	-0.0041	-0.0005	15.1698	-2.4122	0.0005	-0.0018	-0.0015	17.3682	14.4444										
	12		0.0018	0.0056	-0.0008																	
68	3	10	1.248	1.08	4.99	0.4244	4.0434	0.0203	0.0074	0.0071	1.8255	1.7563										
	11	12	0.0052	0.0095	0.0052	3.0567	1.6761	0.0136	0.0030	0.0029	1.1015	1.0906										
	12		0.0156	0.0095	0.0052																	
68	4	10	1.251	3.15	4.99	1.4897	1.9547	0.0699	0.0247	0.0233	1.7680	1.6704										
	11	12	0.0358	0.0106	0.0140	2.0409	1.6222	0.0449	0.0139	0.0134	1.5549	1.4959										
	12		0.0639	0.0261	0.0207																	
68	5	10	1.247	6.33	4.99	1.9407	1.9046	0.1549	0.0461	0.0540	1.4876	1.7453										
	11	12	0.0705	0.0273	0.0268	1.5929	1.7548	0.0759	0.0284	0.0251	1.8743	1.6566										
	12		0.1504	0.0479	0.0527																	
68	6	10	1.251	9.49	4.99	1.5837	2.0782	0.2667	0.0581	0.0256	1.9893	1.7962										
	11	12	0.0715	0.0266	0.0297	1.1524	1.7916	0.0651	0.0204	0.0256	1.9670	1.8191										
	12		0.2645	0.0609	0.0947																	
68	7	10	1.249	12.69	4.99	1.3616	1.9724	0.3690	0.0668	0.1348	0.9053	1.8274										
	11	12	0.1357	0.0369	0.0335	0.9335	1.8558	0.1348	0.0345	0.0500	1.2798	1.8548										
	12		0.3613	0.0674	0.1341																	
68	8	10	1.252	0.05	4.99	2.3660	0.3266	0.0044	0.0011	0.0015	1.3095	1.7754										
	11	12	-0.0082	-0.0039	-0.0005	2.0433	0.1532	0.0005	-0.0009	-0.0014	-8.0438	-12.6350										
	12		-0.0185	-0.0075	-0.0005																	
69	1	10	1.251	3.07	4.99	1.8859	1.5554	-0.0471	-0.0163	-0.0158	1.7355	1.6829										
	11	12	-0.0674	-0.0254	-0.0209	1.9578	1.1695	-0.0593	-0.0233	-0.0218	1.9656	1.8429										
	12		-0.0770	-0.0301	-0.0180																	
69	2	10	1.248	0.05	4.99	2.0381	0.8014	-0.0060	-0.0021	-0.0011	1.7418	0.9409										
	11	12	-0.0172	-0.0070	-0.0027	0.1812	1.4928	-0.0087	-0.0050	-0.0044	2.8715	2.5208										
	12		-0.0112	-0.0004	-0.0033																	
69	3	10	1.246	1.08	4.99	4.2377	-5.3003	0.0122	0.0045	0.0052	1.8440	2.1440										
	11	12	-0.0016	-0.0015	0.0019	3.4617	-1.1527	0.0008	-0.0018	-0.0004	-10.4558	-2.1479										
	12		-0.0150	-0.0104	0.0034																	

See Key

Run Pt. Cd

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																	
69	4	10	1.250	3.20	44.99	1.4514	2.0591	0.0638	0.0217	0.0213	1.7025	1.6753								
		11	0.0287	0.0683	0.0118	2.0749	1.5541	0.0372	0.0109	0.0106	1.4702	1.4261								
		12	0.0641	0.0266	0.0199															
69	5	10	1.246	6.28	44.99	2.0269	1.8958	0.1516	0.0454	0.0527	1.4976	1.7390								
		11	0.0662	0.0268	0.0251	1.6065	1.7474	0.0668	0.0250	0.0221	1.8734	1.6579								
		12	0.1482	0.0476	0.0518															
69	6	10	1.252	9.51	44.99	1.7649	2.2026	0.2674	0.0574	0.0963	1.0737	1.8020								
		11	0.0528	0.0186	0.0232	0.9868	1.9346	0.0411	0.0166	0.0143	2.0191	1.7475								
		12	0.2452	0.0484	0.0948															
69	7	10	1.252	12.69	44.99	1.3821	1.9831	0.3704	0.0669	0.1351	0.9040	1.8238								
		11	0.1290	0.0356	0.0511	0.8674	1.8970	0.1238	0.0330	0.0461	1.3354	1.8623								
		12	0.3548	0.0615	0.1346															
69	8	10	1.252	0.03	44.99	2.0352	0.8312	-0.0054	-0.0020	-0.0011	1.8757	1.0559								
		11	-0.0179	-0.0073	-0.0029	1.5083	0.8015	-0.0084	-0.0045	-0.0043	2.6839	2.5346								
		12	-0.0215	-0.0065	-0.0034															
70	1	10	1.251	-3.07	44.99	1.9153	1.5490	-0.0554	-0.0189	-0.0189	1.7102	1.7064								
		11	-0.0704	-0.0269	-0.0218	1.6365	1.5227	-0.0634	-0.0249	-0.0233	1.9661	1.8377								
		12	-0.0677	-0.0221	-0.0206															
70	2	10	1.249	0.08	44.99	1.9617	1.0594	-0.0188	-0.0066	-0.0051	1.7545	1.2621								
		11	-0.0283	-0.0111	-0.0059	1.5987	1.1920	-0.0189	-0.0093	-0.0075	2.4664	1.9843								
		12	-0.0337	-0.0107	-0.0080															
70	3	10	1.249	1.13	44.99	1.9642	0.5387	0.0007	-0.0001	0.0025	-0.8879	17.3035								
		11	-0.0183	-0.0072	-0.0019	1.7127	-0.3368	-0.0152	-0.0070	-0.0049	-2.3207	1.6326								
		12	-0.0115	-0.0039	0.0007															
70	7	10	1.253	-3.08	44.99	1.8875	1.5189	-0.0542	-0.0187	-0.0182	1.7278	1.6830								
		11	-0.0720	-0.0272	-0.0218	1.8671	1.2823	-0.0644	-0.0246	-0.0228	1.9110	1.7748								
		12	-0.0807	-0.0301	-0.0207															
70	8	10	1.248	0.08	44.99	1.8920	1.0028	-0.0184	-0.0064	-0.0048	1.7573	1.3096								
		11	-0.0294	-0.0111	-0.0059	1.9876	0.8526	-0.0203	-0.0093	-0.0073	2.3081	1.8028								
		12	-0.0468	-0.0186	-0.0079															
70	9	10	1.247	1.14	44.99	1.8770	0.5009	-0.0002	0.0000	0.0029	-1.4090	-66.7921								
		11	-0.0197	-0.0074	-0.0019	2.2566	-0.1134	-0.0177	-0.0082	-0.0056	-2.3328	1.5898								
		12	-0.0240	-0.0108	-0.0005															

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
70	10	10	1.252	0.0176	0.0085	5.25	0.0053	0.0176	0.0064	0.0176	0.0176	0.0196	1.5087	2.5068	0.0561	0.0232	0.0064	0.0176	0.0176	0.0196	1.5726	1.7460
		11	0.0343	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	1.2447	2.6010	0.0232	0.0232	0.0064	0.0064	0.0068	0.0068	1.3904	1.4824
		12																				
70	11	10	1.253	0.0606	0.0333	6.37	0.0245	0.0445	0.0244	0.0445	0.0445	0.0536	2.0221	1.9551	0.1536	0.0620	0.0244	0.0445	0.0536	1.4486	1.7458	
		11	0.1296	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	0.0333	1.2862	2.0281	0.0620	0.0620	0.0244	0.0244	0.0206	0.0206	1.9689	1.6650
		12																				
70	12	10	1.249	0.0325	0.0448	9.54	0.0191	0.0448	0.0175	0.0574	0.0574	0.0955	2.9413	2.4969	0.2654	0.0138	0.0175	0.0574	0.0955	1.9823	1.7995	
		11	0.2372	0.0448	0.0448	0.0448	0.0448	0.0448	0.0448	0.0448	0.0448	0.0448	0.9443	1.9872	0.0138	0.0138	0.0175	0.0175	0.0043	0.0043	6.3550	1.5747
		12																				
70	13	10	1.250	0.1165	0.0531	12.73	0.0342	0.0476	0.0666	0.0666	0.1362	1.4455	2.0108	0.3721	0.1080	0.0292	0.0666	0.1362	0.1362	0.0953	1.8299	1.8299
		11	0.3406	0.0531	0.0531	0.0531	0.0531	0.0531	0.0531	0.0531	0.0531	0.7808	1.9668	0.1080	0.1080	0.0292	0.0292	0.0403	0.0403	1.3528	1.8652	1.8652
		12																				
70	14	10	1.249	0.0298	0.0194	0.07	0.0110	0.0079	0.0067	0.0094	0.0049	1.8580	0.9289	-0.0190	-0.0198	-0.0094	0.0067	-0.0049	-0.0075	1.7640	1.2903	
		11	-0.0479	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	0.0194	2.0318	0.8295	-0.0198	-0.0198	-0.0094	-0.0094	-0.0075	-0.0075	2.3742	1.8922	1.8922
		12																				
71	1	10	1.250	0.0724	0.0335	3.02	0.0284	0.0237	0.0208	0.0264	0.0214	1.9669	1.5221	-0.0639	-0.0641	-0.0264	0.0208	-0.0234	-0.0234	1.6303	1.6729	
		11	-0.0923	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	0.0335	1.8172	1.2866	-0.0641	-0.0641	-0.0264	-0.0264	-0.0234	-0.0234	2.0636	1.8287	1.8287
		12																				
71	2	10	1.350	0.0355	0.0234	0.10	0.0137	0.0060	0.0100	0.0119	0.0083	1.8784	1.1004	-0.0297	-0.0266	-0.0119	0.0100	-0.0094	-0.0094	1.6919	1.4098	
		11	-0.0592	0.0234	0.0234	0.0234	0.0234	0.0234	0.0234	0.0234	0.0234	1.9805	1.0085	-0.0266	-0.0266	-0.0119	-0.0119	-0.0094	-0.0094	2.2453	1.7735	1.7735
		12																				
71	3	10	1.349	0.0344	0.0182	1.13	0.0119	0.0042	0.0059	0.0124	0.0017	1.7362	0.8060	-0.0155	-0.0295	-0.0124	0.0059	-0.0017	-0.0099	1.9091	0.5543	
		11	-0.0428	0.0182	0.0182	0.0182	0.0182	0.0182	0.0182	0.0182	0.0182	2.1377	0.5015	-0.0295	-0.0295	-0.0124	-0.0124	-0.0099	-0.0099	2.1116	1.6905	1.6905
		12																				
71	4	10	1.249	0.0064	0.0035	3.24	0.008	0.0061	0.0132	0.0000	0.0164	0.6740	4.7023	0.0436	0.0091	-0.0000	0.0132	0.0164	0.0164	1.5228	1.8887	
		11	0.0227	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.7754	3.3622	0.0091	0.0091	-0.0000	-0.0000	0.0164	0.0164	-0.0422	1.8607	1.8607
		12																				
71	5	10	1.250	0.0540	0.0321	6.41	0.0223	0.0502	0.0434	0.0207	0.0519	2.0692	1.9799	0.1477	0.0549	0.0434	0.0434	0.0519	0.0519	1.4711	1.7581	
		11	0.1229	0.0321	0.0321	0.0321	0.0321	0.0321	0.0321	0.0321	0.0321	1.3064	2.0438	0.0549	0.0549	0.0207	0.0434	0.0519	0.0519	1.8846	1.6416	1.6416
		12																				
71	6	10	1.248	0.0253	0.0453	9.54	0.0211	0.0926	0.0575	0.0200	0.0947	4.0898	2.7017	0.2630	0.0148	0.0575	0.0575	0.0947	0.0947	1.0945	1.8016	
		11	0.2533	0.0453	0.0453	0.0453	0.0453	0.0453	0.0453	0.0453	0.0453	0.9707	1.9848	0.0148	0.0148	0.0200	0.0200	0.0947	0.0947	6.7667	1.6589	1.6589
		12																				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
71	7	10	1.250	12.72	44.99	1.4696	2.0356	0.3731	0.0667	0.1362	0.8947	1.8256								
		11	0.1076	0.0316	0.0438	0.7757	1.9735	0.0956	0.0253	0.0353	1.3253	1.8501								
		12	0.3415	0.0529	0.1348															
71	8	10	1.248	0.11	44.99	1.9014	1.0988	-0.0305	-0.0102	-0.0088	1.6767	1.4479								
		11	-0.0365	-0.0139	-0.0080	1.9319	1.0205	-0.0256	-0.0126	-0.0094	2.4604	1.8388								
		12	-0.0599	-0.0231	-0.0122															
72	1	10	1.249	-2.96	44.99	2.0691	1.5385	-0.0818	-0.0240	-0.0280	1.4704	1.7102								
		11	-0.0722	-0.0298	-0.0222	1.6592	1.3640	-0.0626	-0.0273	-0.0231	2.1836	1.8510								
		12	-0.1049	-0.0348	-0.0286															
72	2	10	1.250	0.16	44.99	1.9380	1.1902	-0.0432	-0.0133	-0.0137	1.5432	1.5854								
		11	-0.0411	-0.0159	-0.0097	1.8385	1.2006	-0.0313	-0.0151	-0.0115	2.4206	1.8457								
		12	-0.0777	-0.0285	-0.0186															
72	3	10	1.250	1.21	44.99	1.7013	1.1065	-0.0288	-0.0100	-0.0071	1.7360	1.2468								
		11	-0.0535	-0.0182	-0.0118	1.9346	0.9401	-0.0410	-0.0159	-0.0142	1.9427	1.7305								
		12	-0.0641	-0.0248	-0.0120															
72	4	10	1.249	3.29	44.99	2.2853	-0.1395	0.0209	0.0046	0.0135	1.161	3.2311								
		11	-0.0180	-0.0082	0.0005	-2.9195	10.1935	-0.0225	-0.0107	-0.0064	2.3798	1.4388								
		12	-0.0060	-0.0035	0.0124															
72	5	10	1.250	6.45	44.99	2.0518	2.1511	0.1467	0.0428	0.0511	1.4608	1.7419								
		11	0.0439	0.0180	0.0189	1.2796	2.0385	0.0456	0.0162	0.0150	1.7797	1.6461								
		12	0.1237	0.0316	0.0504															
72	6	10	1.250	9.59	44.99	3.1542	2.4005	0.2568	0.0573	0.0922	1.162	1.7965								
		11	0.0388	0.0244	0.0186	0.9918	1.9873	0.0288	0.0224	0.0101	3.8935	1.7640								
		12	0.2302	0.0456	0.0915															
72	7	10	1.249	12.77	44.99	1.4669	2.1157	0.3718	0.0654	0.1353	0.8801	1.8200								
		11	0.0860	0.0252	0.0364	0.7676	1.9662	0.0753	0.0195	0.0277	1.3000	1.8813								
		12	0.3443	0.0528	0.1354															
72	8	10	1.249	0.16	44.99	1.9232	1.2333	-0.0436	-0.0136	-0.0138	1.5685	1.5909								
		11	-0.0421	-0.0162	-0.0103	1.8093	1.1824	-0.0297	-0.0151	-0.0110	2.5406	1.8643								
		12	-0.0788	-0.0285	-0.0180															
73	1	10	1.250	-3.14	44.99	1.8762	1.5288	-0.0361	-0.0124	-0.0128	1.7229	1.7781								
		11	-0.0644	-0.0241	-0.0197															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
73	2	10	12	-0.0646	-0.0244	-0.0150	1.8936	1.1626	-0.0532	-0.0216	-0.0198	2.0294	1.8629						
		11		1.249	0.01	44.99													
		12		-0.0065	-0.0036	0.0002	2.7780	-0.1848	0.0064	0.0020	0.0020	1.5767	1.6059						
				-0.0176	-0.0079	0.0005	2.2494	-0.1559	0.0052	-0.0001	-0.0005	-0.1291	-0.5351						
73	3	10	12	1.249	1.05	44.99	0.7454	3.0185	0.0240	0.0091	0.0081	1.9065	1.6876						
		11		0.0087	0.0013	0.0052	5.7245	-20.1295	0.0188	0.0045	0.0041	1.2115	1.0890						
		12		-0.0014	-0.0016	0.0059													
73	4	10	12	1.249	3.15	44.99	1.5124	1.9615	0.0694	0.0245	0.0235	1.7635	1.6916						
		11		0.0397	0.0120	0.0155	1.6878	2.3372	0.0515	0.0158	0.0153	1.5392	1.4853						
		12		0.0465	0.0157	0.0217													
73	5	10	12	1.249	6.32	44.99	1.8928	1.8885	0.1563	0.0461	0.0542	1.4769	1.7366						
		11		0.0727	0.0275	0.0274	1.3683	2.0225	0.0803	0.0297	0.0264	1.8542	1.6436						
		12		0.1320	0.0361	0.0534													
73	6	10	12	1.248	9.48	44.99	1.4324	2.0871	0.2627	0.0584	0.0945	1.1116	1.7990						
		11		0.0840	0.0240	0.0350	0.9848	1.9882	0.0766	0.0218	0.0271	1.4253	1.7715						
		12		0.2374	0.0467	0.0944													
73	7	10	12	1.250	12.65	44.99	1.3408	1.9879	0.3688	0.0673	0.1348	0.9125	1.8285						
		11		0.1392	0.0373	0.0553	0.8041	1.9747	0.1407	0.0356	0.0520	1.2667	1.8500						
		12		0.3416	0.0549	0.1349													
73	8	10	12	1.250	0.12	44.99	3.5475	-0.7925	0.0074	0.0026	0.0022	1.7882	1.5254						
		11		-0.0043	-0.0050	0.0006	2.1610	-0.1178	0.0074	0.0003	-0.0000	0.2032	-0.0013						
		12		-0.0185	-0.0079	0.0004													
73	9	10	12	0.025	0.00	-0.00	-0.7944	1.8333	0.2980	-0.0033	-0.3768	-0.0390	-8.3224						
		11		0.6665	-0.1059	0.2444	3.0857	-0.0783	0.1583	-0.4191	-0.1228	-13.2384	-6.8809						
		12		-22.4052	-13.8272	0.3511													
74	6	10	12	1.249	-3.15	44.99	1.7961	1.5207	-0.0245	-0.0088	-0.0175	1.7069	1.7975						
		11		-0.0577	-0.0207	-0.0175	1.2935	1.7143	-0.0474	-0.0180	-0.0175	1.9061	1.6447						
		12		-0.0326	-0.0084	-0.0112													
74	7	10	12	1.251	-0.02	44.99	0.7171	3.1859	0.0210	0.0079	0.0060	1.8893	1.4362						
		11		0.0056	0.0008	0.0035	2.9843	1.2355	0.0189	0.0057	0.0042	1.5079	1.1134						
		12		0.0127	0.0075	0.0031													
74	8	10	12	1.250	1.04	44.99													

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
	11		0.0208	0.0061	0.0087	1.4770	2.0952	0.0323	0.0124	0.0101	1.9916	1.5702								
	12		0.0263	0.0135	0.0081	2.5762	1.5543	0.0300	0.0094	0.0084	1.5811	1.4044								
74	9	10	1.249	3.11	44.99	1.5921	1.6708	0.0722	0.0263	0.0241	1.6242	1.6723								
	11		0.0499	0.0159	0.0187	2.0806	1.6695	0.0574	0.0184	0.0177	1.6006	1.5431								
	12		0.0668	0.0278	0.0223															
74	10	10	1.250	6.28	44.99	1.7462	1.6676	0.1574	0.0472	0.0550	1.5004	1.7473								
	11		0.0842	0.0294	0.0314	1.5666	1.7832	0.0888	0.0306	0.0295	1.7239	1.6653								
	12		0.1499	0.0469	0.0534															
74	11	10	1.250	9.43	44.99	1.3462	1.9590	0.2635	0.0599	0.0943	1.1373	1.7934								
	11		0.1090	0.0293	0.0427	1.1602	1.8356	0.1094	0.0285	0.0396	1.13062	1.6120								
	12		0.2541	0.0589	0.0932															
74	12	10	1.250	12.61	44.99	1.2993	1.9633	0.3681	0.0677	0.1343	0.9203	1.6246								
	11		0.1505	0.0391	0.0591	0.9375	1.8565	0.1530	0.0374	0.0571	1.2234	1.6660								
	12		0.3592	0.0673	0.1333															
74	13	10	1.250	-0.02	44.99	0.7966	2.9371	0.0194	0.0074	0.0055	1.9123	1.4313								
	11		0.068	0.0010	0.040	3.0464	1.2442	0.0181	0.0047	0.0036	1.3144	1.0072								
	12		0.0130	0.0079	0.0032															
75	1	10	1.048	-3.11	-0.00	1.3387	2.1294	-0.0598	-0.0158	-0.0203	1.3248	1.6807								
	11		0.0159	0.0042	0.0067	1.6558	1.6369	-0.0760	-0.0256	-0.0263	1.6828	1.7316								
	12		-0.0255	-0.0084	-0.0093															
75	2	10	1.048	-0.02	-0.00	1.4712	2.0227	0.0149	0.0056	0.0033	1.6974	1.7684								
	11		0.0189	0.0055	0.0076	2.1006	1.7393	-0.0087	-0.0034	-0.0029	1.6017	1.6919								
	12		-0.0134	-0.0056	-0.0046															
75	3	10	1.051	0.45	-0.00	1.5412	1.9187	0.0226	0.0083	0.0076	1.6448	1.6926								
	11		0.0216	0.0066	0.0083	2.0937	1.6430	-0.0029	-0.0013	-0.0006	1.4051	1.1022								
	12		-0.0114	-0.0048	-0.0037															
75	4	10	1.048	1.00	-0.00	1.4955	1.9548	0.0340	0.0118	0.0113	1.7410	1.6911								
	11		0.0216	0.0064	0.0084	2.2601	1.6853	0.0078	0.0020	0.0032	1.3096	2.0588								
	12		-0.0104	-0.0047	-0.0035															
75	5	10	1.047	2.07	0.00	1.4273	1.8930	0.0606	0.0202	0.0213	1.6707	1.7583								
	11		0.0257	0.0073	0.0097	2.5775	1.8582	0.0375	0.0098	0.0125	1.5051	1.6628								
	12		-0.0077	-0.0039	-0.0028															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
75	6	10	1.048	5.11	0.00	1.2797	1.6781	0.0909	0.0298	0.0312	1.6399	1.7182										
	11	11	0.0287	0.0073	0.0107	2.7179	2.3256	0.0687	0.0180	0.0226	1.3146	1.6487										
	12	12	-0.0053	-0.0028	-0.0024																	
75	7	10	1.051	4.17	0.00	1.3925	1.9626	0.1225	0.0397	0.0420	1.6209	1.7141										
	11	11	0.0267	0.0074	0.0105	2.7812	3.1942	0.0999	0.0273	0.0352	1.3690	1.6642										
	12	12	-0.0030	-0.0016	-0.0019																	
75	8	10	1.046	-0.03	-0.00	1.4857	2.0033	0.0158	0.0060	0.0053	1.8990	1.6744										
	11	11	0.0191	0.0056	0.0076	2.1131	1.7651	-0.0080	-0.0032	-0.0028	2.0312	1.7486										
	12	12	-0.0136	-0.0057	-0.0048																	
76	1	10	1.051	-3.12	-0.00	0.0390	3.2762	-0.0768	-0.0239	-0.0256	1.5558	1.6676										
	11	11	0.0059	0.0000	0.0039	0.5496	0.7125	-0.0631	-0.0183	-0.0224	1.4529	1.7770										
	12	12	0.0018	0.0002	0.0002																	
76	2	10	1.045	-0.003	-0.00	-1.1658	4.3344	-0.0032	-0.0014	-0.0001	2.1686	0.2068										
	11	11	0.0032	-0.0008	0.0031	0.5922	0.2517	0.0116	0.0041	0.0027	1.7825	1.1666										
	12	12	0.0026	0.0003	0.0001																	
76	3	10	1.046	0.45	-0.00	-2.4971	5.3112	0.0066	0.0015	0.0034	1.1654	2.5763										
	11	11	0.0025	-0.0012	0.0027	-0.7582	-1.3253	0.0220	0.0076	0.0063	1.7214	1.4319										
	12	12	0.0014	-0.0002	-0.0003																	
76	4	10	1.047	0.99	-0.00	-2.5187	4.8145	0.0182	0.0049	0.0074	1.3590	2.9270										
	11	11	0.0025	-0.0012	0.0024	0.1931	-0.4950	0.0321	0.0108	0.0098	1.6848	1.5233										
	12	12	0.0025	0.0001	-0.0002																	
76	5	10	1.053	2.05	-0.00	-2.4254	4.5128	0.0461	0.0131	0.0166	1.4243	1.7988										
	11	11	0.0024	-0.0011	0.0022	1.1158	0.5147	0.0569	0.0180	0.0184	1.5822	1.6220										
	12	12	0.0038	0.0008	0.0003																	
76	6	10	1.049	3.09	-0.00	-15.5534	12.3421	0.0771	0.0221	0.0266	1.4377	1.7311										
	11	11	0.0005	-0.0016	0.0003	0.8395	0.5241	0.0874	0.0271	0.0285	1.5504	1.6327										
	12	12	0.0037	0.0006	0.0003																	
76	7	10	1.048	4.15	-0.00	-4.8058	4.8861	0.1091	0.0322	0.0374	1.4776	1.7137										
	11	11	0.0015	-0.0013	0.0015	0.6100	-0.7242	0.1175	0.0365	0.0397	1.5557	1.6904										
	12	12	0.0026	0.0003	-0.0003																	
76	8	10	1.050	-0.01	-0.00	2.1922	93.6562	-0.0025	-0.0011	-0.0001	2.3074	0.2589										
	11	11	0.0073	0.0032	0.0137	0.5758	-0.6856	0.0115	0.0041	0.0028	1.7824	1.2281										
	12	12	0.0018	0.0002	-0.0002																	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
77	3	10	1.048	-5.10	-0.000	-0.0237	4.7738	-0.0031	-0.0266	-0.0273	1.6013	1.6468						
		11	0.0036	-0.0006	0.0035	1.6414	1.3136	-0.0622	-0.0173	-0.0219	1.3960	1.7644						
		12	0.0084	0.0027	0.0022													
77	4	10	1.050	-0.06	-0.00	7.2064	-5.7459	-0.0068	-0.0026	-0.0010	1.9628	0.7766						
		11	-0.0014	-0.0021	0.0017	1.9412	0.6830	0.0130	0.0048	0.0032	1.0596	1.2372						
		12	0.0066	0.0025	0.0009													
77	5	10	1.048	0.43	-0.00	6.7458	-4.1165	0.0019	0.0001	0.0025	0.4351	6.2861						
		11	-0.0019	-0.0025	0.0015	1.9146	0.7112	0.0225	0.0081	0.0065	1.7959	1.4513						
		12	0.0073	0.0028	0.0010													
77	6	10	1.049	1.01	-0.00	4.7708	-1.5055	0.0157	0.0041	0.0068	1.3317	2.1825						
		11	-0.0030	-0.0029	0.0009	1.9407	0.5848	0.0358	0.0123	0.0107	1.7276	1.5046						
		12	0.0066	0.0025	0.0007													
77	7	10	1.047	2.05	-0.00	4.2227	-0.3331	0.0438	0.0123	0.0161	1.4116	1.8455						
		11	-0.0037	-0.0031	0.0003	1.8570	0.7483	0.0615	0.0198	0.0201	1.6098	1.6352						
		12	0.0069	0.0025	0.0010													
77	8	10	1.048	3.13	-0.00	3.3890	0.9077	0.0776	0.0216	0.0268	1.3963	1.7250						
		11	-0.0050	-0.0034	-0.0009	1.6979	0.8095	0.0903	0.0288	0.0300	1.5940	1.6638						
		12	0.0088	0.0030	0.0014													
77	9	10	1.047	4.16	-0.00	5.3982	0.2180	0.1048	0.0304	0.0358	1.4511	1.7078						
		11	-0.0030	-0.0029	-0.0001	1.7959	0.7243	0.1199	0.0381	0.0402	1.5882	1.6779						
		12	0.0081	0.0029	0.0011													
77	10	10	1.049	-0.04	-0.00	23.5434	28.5008	-0.0060	-0.0023	-0.0034	1.9635	0.3522						
		11	0.0003	-0.0017	0.0020	1.9703	0.7608	0.0144	0.0053	0.0034	1.0392	1.2062						
		12	0.0068	0.0027	0.0010													
78	1	10	1.454	-3.13	-0.00	24.3196	31.0607	-0.0742	-0.0246	-0.0177	1.6616	1.9479						
		11	0.0003	-0.0018	0.0023	1.6243	1.5075	-0.0493	-0.0131	-0.0177	1.3292	1.7940						
		12	0.0130	0.0042	0.0039													
78	2	10	1.046	-1.05	-0.00	3.6531	-0.4736	-0.0129	-0.0049	-0.0026	1.9073	1.0264						
		11	-0.0056	-0.0041	0.0005	1.9264	1.1399	0.0174	0.0065	0.0045	1.0891	1.2952						
		12	0.0114	0.0044	0.0026													
78	3	10	1.050	0.44	-0.00	2.7325	0.3387	-0.0032	-0.0017	0.0007	2.6952	-1.2225						
		11	-0.0093	-0.0050	-0.0006	2.0330	0.9585	-0.0275	-0.0100	0.0078	1.0206	-1.4248						
		12	-0.0108	-0.0044	-0.0020													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key

Run	Pt.	Cd																									
78	4	10	1.051	-0.0048	-0.0006	2.7211	0.3527	0.0082	0.0016	0.0044	0.9885	2.7173															
		11	-0.0089	0.0046	0.0022	2.0655	0.9863	0.0383	0.0137	0.0116	1.7920	1.5206															
		12	0.0111	0.0046	0.0022																						
78	5	10	1.047	-0.0061	-0.0027	2.3963	1.0618	0.2249	0.1223	0.0142	2.7201	0.3156															
		11	-0.0128	0.0044	0.0020	2.0330	0.9585	0.0651	0.0216	0.0210	1.6608	1.6138															
		12	0.0108	0.0044	0.0020																						
78	6	10	1.048	-0.0066	-0.0044	2.0333	1.3580	0.0716	0.0190	0.0248	1.3289	1.7361															
		11	-0.0163	0.0034	0.0014	1.8571	0.7719	0.0941	0.0310	0.0309	1.6486	1.6417															
		12	0.0093	0.0034	0.0014																						
78	7	10	1.049	-0.0064	-0.0033	2.5941	1.3734	0.1010	0.0284	0.0348	1.4062	1.7229															
		11	-0.0123	0.0035	0.0018	1.8214	0.9369	0.1230	0.0401	0.0413	1.6298	1.6803															
		12	0.0097	0.0035	0.0018																						
78	8	10	1.048	-0.0041	-0.0022	3.6541	-0.3567	-0.0120	-0.0047	-0.0026	1.9716	1.1077															
		11	-0.0056	0.0043	0.0022	1.9608	1.0086	0.0181	0.0068	0.0043	1.8800	1.2119															
		12	0.0110	0.0043	0.0022																						
79	1	10	1.049	-0.0111	-0.0106	13.7298	-4.1023	-0.0946	-0.0338	-0.0314	1.7868	1.6681															
		11	-0.0014	0.0119	0.0106	1.7759	1.5925	-0.0354	-0.0076	-0.0137	1.0820	1.9360															
		12	0.0335	0.0119	0.0106																						
79	2	10	1.046	-0.0106	-0.0057	2.5523	0.9643	-0.0240	-0.0102	-0.0067	2.1296	1.2987															
		11	-0.0208	0.0098	0.0040	2.1905	1.2812	0.0317	0.0128	0.0067	2.0325	1.5846															
		12	0.0224	0.0098	0.0057																						
79	3	10	1.046	-0.0116	-0.0054	2.4908	1.1662	-0.0192	-0.0082	-0.0041	2.1327	1.4921															
		11	-0.0233	0.0093	0.0052	2.2898	1.2714	0.0393	0.0157	0.0117	1.9985	1.4921															
		12	0.0205	0.0093	0.0052																						
79	4	10	0.947	-0.0103	-0.0090	2.4135	1.2031	-0.0248	-0.0111	-0.0030	2.2350	0.6159															
		11	-0.0380	0.0134	0.0069	2.3574	1.2284	0.0739	0.0282	0.0225	1.9095	1.5235															
		12	0.0284	0.0134	0.0069																						
79	5	10	0.944	-0.0213	-0.0148	2.0487	1.4175	0.0257	0.0031	0.0124	0.6143	2.4206															
		11	-0.0522	0.0118	0.0058	2.4138	1.1875	0.1158	0.0419	0.0373	1.8091	1.6116															
		12	0.0245	0.0118	0.0058																						
79	6	10	1.048	-0.0146	-0.0120	1.9249	1.5824	0.0490	0.0112	0.0183	1.1460	1.8744															
		11	-0.0381	0.0146	0.0035	2.2081	1.2425	0.1045	0.0369	0.0347	1.7678	1.6609															
		12	0.0141	0.0146	0.0035																						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →											
79	7	10	1.0944	4.14	-0.0113	2.1011	1.6288	0.0846	0.0208	0.0294	1.2331	1.7380		
		11	-0.0347	-0.0145	0.0028	1.9130	1.1097	0.1349	0.0465	0.0457	1.7239	1.6958		
		12	0.0129	0.0049	0.0028									
79	6	10	1.046	-0.03	-0.00	2.5523	0.9643	-0.0245	-0.0103	-0.0063	2.1100	1.3009		
		11	-0.0208	-0.0106	-0.0040	2.1886	1.3102	0.0314	0.0128	0.0086	2.0521	1.3767		
		12	0.0234	0.0102	0.0061									
80	1	10	0.697	3.09	-0.00	22.9421	-0.0912	-0.0347	-0.0306	1.9037	1.6780			
		11	0.0003	-0.0033	0.0015	50.7099	1.6491	-0.0413	-0.0129	-0.0150	1.5689	1.6191		
		12	0.0303	0.0118	0.0100	1.9539								
80	2	10	0.698	-0.05	-0.00	2.6271	1.0769	-0.0236	-0.0096	-0.0061	2.0395	1.2921		
		11	-0.0184	-0.0097	-0.0039	2.1590	1.3448	0.0291	0.0119	0.0083	2.0444	1.4354		
		12	0.0205	0.0088	0.0055									
80	3	10	0.698	0.45	-0.00	2.5650	1.2721	-0.0197	-0.0081	-0.0047	2.0574	1.1902		
		11	-0.0204	-0.0105	-0.0052	2.2770	1.3302	0.0362	0.0145	0.0110	2.0037	1.5324		
		12	0.0167	0.0076	0.0044									
80	4	10	0.699	0.99	-0.00	2.4230	1.3826	-0.0106	-0.0051	-0.0007	2.4087	0.3702		
		11	-0.0243	-0.0118	-0.0067	2.3766	1.2203	0.0473	0.0187	0.0150	1.9774	1.5882		
		12	0.0144	0.0068	0.0035									
80	5	10	0.699	2.05	-0.00	2.2829	1.6021	0.0209	0.0059	0.0085	1.4230	2.0458		
		11	-0.0282	-0.0128	-0.0090	2.3755	1.1325	0.0713	0.0277	0.0233	1.9466	1.6382		
		12	0.0128	0.0061	0.0029									
80	6	10	0.695	3.12	-0.00	2.2157	1.7535	0.0555	0.0173	0.0195	1.5604	1.7617		
		11	-0.0298	-0.0132	-0.0104	2.3887	1.2050	0.1013	0.0382	0.0335	1.8858	1.6552		
		12	0.0115	0.0055	0.0027									
80	7	10	0.698	4.10	-0.00	2.3027	1.7080	0.0678	0.0282	0.0299	1.6083	1.7075		
		11	-0.0260	-0.0120	-0.0089	2.4244	1.1498	0.1303	0.0478	0.0445	1.8847	1.7082		
		12	0.0086	0.0042	0.0019									
80	8	10	0.699	-0.04	-0.00	2.7247	1.1478	-0.0241	-0.0097	-0.0062	2.0181	1.2949		
		11	-0.0173	-0.0094	-0.0039	2.2066	1.4307	0.0287	0.0118	0.0083	2.0698	1.4528		
		12	0.0203	0.0089	0.0058									
81	1	10	0.695	3.08	-0.00	-0.8638	2.9786	-0.0830	-0.0305	-0.0276	1.8403	1.6668		
		11	0.0051	-0.0008	0.0030									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
			0.0119	0.0046	0.0057	1.9655	1.5536	-0.0568	-0.0169	-0.0197	1.6666	1.7354						
61	2	10	0.896	-0.021	-0.009	2.5571	1.165	0.9387	-0.0113	-0.0043	1.8999	1.2452						
		11	0.0043	0.0035	0.0016	2.2345	1.1559	0.0167	0.0065	0.0042	1.9477	1.2717						
		12	0.0079	0.0035	0.0016													
61	3	10	0.897	0.46	-0.00	7.9123	0.9153	-0.0036	-0.0015	0.0003	2.1090	-0.4272						
		11	-0.0019	-0.0030	-0.0000	2.2753	0.9855	0.0261	0.0101	0.0077	1.9338	1.4811						
		12	0.0070	0.0031	0.0013													
61	4	10	0.897	1.03	-0.00	4.5927	1.1324	0.0110	0.0031	0.0050	1.9090	2.2670						
		11	-0.0040	-0.0037	-0.0009	2.4164	1.1186	0.0396	0.0151	0.0123	1.9047	1.5556						
		12	0.0068	0.0033	0.0015													
61	5	10	0.898	2.00	0.79	4.0005	1.6737	0.0364	0.0117	0.0130	1.6054	1.7834						
		11	-0.0055	-0.0044	-0.0016	2.4920	0.9101	0.0620	0.0231	0.0201	1.8629	1.6229						
		12	0.0059	0.0029	0.0010													
61	6	10	0.895	3.07	-0.00	4.5177	2.4405	0.0688	0.0227	0.0239	1.6500	1.7413						
		11	-0.0051	-0.0046	-0.0024	2.4527	1.1242	0.0902	0.0352	0.0300	1.8435	1.6667						
		12	0.0055	0.0027	0.0012													
61	7	10	0.894	4.15	-0.00	12.6018	3.7726	0.1014	0.0346	0.0351	1.7074	1.7303						
		11	-0.0014	-0.0036	-0.0011	2.1344	0.6416	0.1193	0.0430	0.0402	1.8034	1.6076						
		12	0.0060	0.0025	0.0007													
61	8	10	0.898	-0.02	-0.00	17.3886	-6.2460	-0.0106	-0.0040	-0.0022	1.9159	1.0372						
		11	-0.0007	-0.0025	0.0009	2.1384	1.1072	0.0173	0.0066	0.0044	1.9206	1.2751						
		12	0.0083	0.0035	0.0018													
62	1	10	0.896	-3.09	-0.00	2.3351	2.2353	-0.0776	-0.0203	-0.0261	1.8240	1.6896						
		11	0.0066	0.0005	0.0038	2.3351	1.6728	-0.0595	-0.0205	-0.0208	1.7246	1.7520						
		12	0.0060	0.0028	0.0020													
62	2	10	0.897	-0.05	-0.00	-2.1995	2.3393	-0.0060	-0.0021	-0.0009	1.7806	0.7801						
		11	0.0062	-0.0002	0.0029	-2.1765	1.0818	-0.0139	-0.0050	-0.0035	1.8012	1.2899						
		12	0.0049	0.0021	0.0010													
62	3	10	0.896	0.46	-0.00	-2.2745	1.6643	0.0044	0.0012	0.0026	1.3912	2.9975						
		11	0.0073	-0.0000	0.0024	-2.2745	1.0968	0.0244	0.0090	0.0071	1.8486	1.4706						
		12	0.0056	0.0025	0.0012													
62	4	10	0.898	1.01	-0.00													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
62	5	10	11	12	0.0036	-0.0011	0.0010	-1.6057	2.5124	0.0156	0.0052	0.0065	1.6670	2.0973					
					0.0048	0.0023	0.0009	2.3735	0.9510	0.0357	0.0133	0.0111	1.8692	1.5553					
		10	11	12	0.899	1.00	0.0009	-3.5361	1.6740	0.0429	0.0143	0.0150	1.6734	1.7502					
					0.0024	-0.0017	0.0009	2.2419	0.8517	0.0590	0.0215	0.0193	1.8243	1.6372					
		10	11	12	1.264	3.09	0.0007	-3.1026	1.6350	0.0566	0.0193	0.0195	1.7033	1.7212					
					0.0021	-0.0013	0.0006	2.1358	0.8037	0.0680	0.0246	0.0224	1.8107	1.6501					
		10	11	12	0.900	4.12	0.0013	-1.2804	1.4560	0.1021	0.0353	0.0355	1.7296	1.7401					
					0.0046	-0.0011	0.0003	2.6589	0.5291	0.1152	0.0412	0.0388	1.7901	1.6852					
		10	11	12	0.899	-0.003	0.0025	-0.3383	2.3026	-0.0050	-0.0022	-0.0033	1.9363	0.9314					
					0.0056	-0.0025	0.0012	2.1377	1.0322	0.0135	0.0050	0.0035	1.8489	1.2352					
		10	11	12	0.897	3.00	0.0042	0.5764	2.0720	-0.0750	-0.0270	-0.0213	1.8018	1.6932					
					0.0103	0.0016	0.0009	2.4194	1.3472	-0.0623	-0.0217	-0.0213	1.7289	1.7121					
		10	11	12	0.899	-0.005	0.0006	0.2494	2.0101	-0.0031	-0.0039	-0.0020	2.0069	0.7430					
					0.0079	0.0015	0.0006	2.3733	0.9510	0.0107	0.0039	0.0020	1.8487	1.3352					
		10	11	12	0.897	0.45	0.0026	0.0041	2.0656	0.0071	0.0022	0.0035	1.5704	2.5098					
					0.0062	0.0016	0.0004	2.1842	0.6054	0.0217	0.0076	0.0062	1.8067	1.4388					
		10	11	12	0.898	1.00	0.0025	-2.0010	1.6502	0.0101	0.0061	0.0100	1.6965	1.9354					
					0.0069	-0.0015	0.0003	2.1326	0.4268	0.0321	0.0110	0.0100	1.8406	1.5608					
		10	11	12	0.897	2.03	0.0019	-2.3550	1.7506	0.0465	0.0159	0.0169	1.7155	1.7427					
					0.0056	-0.0011	0.0000	2.5462	0.0012	0.0584	0.0209	0.0169	1.7959	1.6228					
		10	11	12	0.899	3.00	0.0022	-2.0000	1.6301	0.0732	0.0254	0.0274	1.7343	1.7243					
					0.0069	-0.0016	0.0006	2.1000	0.8094	0.0632	0.0296	0.0274	1.7956	1.6502					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																								
83	7	10	0.0067	4.11	-0.0001	0.0025	-0.0972	1.9175	0.1053	0.0368	0.0364	0.0360	1.7494	1.7314												
		11	0.0030	0.0014	0.0001	0.0001	2.3184	0.2526	0.1134	0.0403	0.0360	1.7797	1.6783													
		12																								
83	8	10	0.0071	0.0001	0.0028	0.0939	2.0155	-0.0024	-0.0010	-0.0000	-0.0000	2.1154	0.0023													
		11	0.0047	0.0020	0.0012	2.1400	1.2956	0.0113	0.0041	0.0028	1.8125	1.8125														
		12																								
83	9	10	0.0166	-3.08	0.0041	0.0061	1.2561	1.8335	-0.0588	-0.0194	-0.0201	1.6493	1.7107													
		11	-0.0197	0.0066	-0.0077	1.6956	1.9760	-0.0728	-0.0272	-0.0253	1.6713	1.7405														
		12																								
83	10	10	0.0191	0.0054	0.0068	1.4323	1.7936	0.0120	0.0048	0.0038	1.9861	1.6095														
		11	-0.0117	-0.0043	-0.0039	1.8616	1.6923	-0.0067	-0.0026	-0.0024	1.9343	1.7957														
		12																								
84	1	10	0.0146	-3.07	0.0058	1.2182	1.9964	-0.0574	-0.0188	-0.0196	1.6442	1.7079														
		11	-0.0203	-0.0068	-0.0079	1.6795	1.9598	-0.0732	-0.0274	-0.0253	1.8716	1.7299														
		12																								
84	2	10	0.0195	0.0055	0.0067	1.4052	1.7221	0.0123	0.0049	0.0042	2.0937	1.7183														
		11	-0.0117	-0.0043	-0.0042	1.8619	1.8262	-0.0067	-0.0026	-0.0022	1.9346	1.6782														
		12																								
84	3	10	0.0203	0.0057	0.0068	1.4149	1.6936	0.0207	0.0079	0.0073	1.9164	1.7548														
		11	-0.0090	-0.0033	-0.0035	1.8643	1.9504	-0.0021	-0.0008	-0.0001	2.0402	1.3396														
		12																								
84	4	10	0.0211	0.0050	0.0075	1.4262	1.7761	0.0339	0.0127	0.0114	1.8803	1.6785														
		11	-0.0073	-0.0030	-0.0030	2.0357	2.0793	0.0104	0.0035	0.0044	1.7124	2.1159														
		12																								
84	5	10	0.0243	2.05	0.0087	1.4239	1.7899	0.0634	0.0234	0.0218	1.8807	1.7218														
		11	-0.0056	-0.0023	-0.0024	2.1058	2.1731	0.0424	0.0140	0.0142	1.6875	1.6804														
		12																								
84	6	10	0.0256	3.08	0.0090	1.3786	1.7611	0.0891	0.0327	0.0302	1.8345	1.6990														
		11	-0.0046	-0.0019	-0.0022	2.1416	2.4676	0.0717	0.0239	0.0240	1.6708	1.6721														
		12																								
84	7	10	0.0237	4.15	0.0087	1.3810	1.8387	0.1217	0.0435	0.0415	1.7889	1.7074														
		11																								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd \leftarrow See Key \rightarrow

84	8	12	-0.0028	-0.0010	-0.0021	1.9481	3.8101	0.1059	0.0355	0.0346	1.7119	1.6689
		10	0.900	-0.02	-0.00							
		11	0.0201	0.0056	0.0068	1.3979	1.7117	0.0111	0.0044	0.0037	1.9905	1.6816
		12	-0.0111	-0.0042	-0.0042	1.8996	1.9189	-0.0077	-0.0029	-0.0028	1.9345	1.8660
		10	0.898	-3.11	44.99							
		11	-0.0537	-0.0160	-0.0166	1.4913	1.5505	-0.0231	-0.0089	-0.0089	1.9405	1.9288
		12	-0.0355	-0.0072	-0.0116	1.0236	1.6364	-0.0362	-0.0131	-0.0143	1.8075	1.9881
		10	1.265	-0.00	44.99							
		11	0.0048	0.0034	0.0025	3.5553	2.6446	0.0136	0.0034	0.0038	1.2501	1.3948
		12	0.0044	0.0049	0.0013	5.5570	1.5067	0.0200	0.0059	0.0050	1.4819	1.2552
		10	0.898	1.02	44.99							
		11	0.0160	0.0088	0.0078	2.4466	2.1751	0.0298	0.0089	0.0095	1.5957	1.5917
		12	0.0188	0.0110	0.0062	2.9424	1.6680	0.0386	0.0126	0.0112	1.6309	1.4507
		10	0.899	3.06	44.99							
		11	0.0521	0.0214	0.0188	2.0574	1.8056	0.2865	0.1539	0.0226	2.6854	0.3943
		12	0.0588	0.0254	0.0202	2.1630	1.7196	0.0657	0.0222	0.0207	1.6927	1.5797
		10	0.900	6.19	44.99							
		11	0.0912	0.0342	0.0325	1.8741	1.7825	0.1434	0.0477	0.0495	1.6661	1.7282
		12	0.1321	0.0498	0.0474	1.8841	1.7931	0.1003	0.0339	0.0334	1.6940	1.6354
		10	0.900	9.30	44.99							
		11	0.1128	0.0338	0.0422	1.4994	1.8726	0.2362	0.0718	0.0845	1.5202	1.7892
		12	0.2224	0.0729	0.0827	1.6401	1.8598	0.1267	0.0344	0.0454	1.3572	1.7947
		10	0.899	12.44	44.99							
		11	0.1899	0.0558	0.0696	1.4694	1.8333	0.3361	0.0913	0.1238	1.3889	1.8419
		12	0.3317	0.0694	0.1245	1.0473	1.8768	0.1866	0.0565	0.0674	1.5148	1.8077
		10	0.900	-0.01	44.99							
		11	0.0066	0.0044	0.0033	3.3526	2.5357	0.0170	0.0041	0.0048	1.2881	1.4122
		12	0.0063	0.0064	0.0016	5.0760	1.3220	0.0268	0.0079	0.0066	1.4905	1.2385
		10	0.899	-3.10	44.99							
		11	0.0604	-0.0195	-0.0190	1.6184	1.5726	-0.0382	-0.0152	-0.0140	1.9913	1.8316
		12	-0.0506	-0.0137	-0.0167	1.3585	1.6538	-0.0474	-0.0180	-0.0174	1.9008	1.8409
		10	0.898	0.00	44.99							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																	
11			-0.0053	0.0001	0.0000	-0.1657	-0.0271	0.0027	-0.0006	0.0001	-1.2707	0.2862								
12			-0.0077	0.0015	-0.0015	-0.9851	0.9864	0.0084	0.0017	0.0012	1.0102	0.7171								
86	3	10	0.899	1.02	4.99	3.6958	2.4817	0.0205	0.0052	0.0071	1.2880	1.7260								
		11	0.0092	0.0049	0.0045	3.4051	1.7314	0.0242	0.0070	0.0069	1.4627	1.4305								
		12	0.0123	0.0083	0.0042															
86	4	10	0.898	3.11	4.99	1.9821	1.8505	0.0608	0.0196	0.0205	1.6113	1.6851								
		11	0.0392	0.0155	0.0145	2.1766	1.7559	0.0525	0.0167	0.0161	1.5970	1.5446								
		12	0.0522	0.0227	0.0183															
86	5	10	0.898	6.21	4.90	1.8605	1.7939	0.1367	0.0454	0.0470	1.6606	1.7220								
		11	0.0838	0.0312	0.0300	1.8785	1.7959	0.0871	0.0291	0.0294	1.6734	1.6923								
		12	0.1315	0.0494	0.0472															
86	6	10	0.899	9.34	4.99	1.5754	1.9149	0.2334	0.0708	0.0635	1.5186	1.7992								
		11	0.0905	0.0285	0.0346	1.6255	1.8640	0.0805	0.0222	0.0288	1.5788	1.7934								
		12	0.2274	0.0738	0.0848															
86	7	10	0.897	12.45	4.99	1.4509	1.8288	0.3323	0.0908	0.1224	1.3671	1.882								
		11	0.1781	0.0517	0.0651	1.0473	1.8744	0.1665	0.0497	0.0607	1.4950	1.8244								
		12	0.3339	0.0699	0.1251															
86	8	10	0.899	-0.001	4.99	0.0763	0.2415	0.0021	-0.0008	0.0003	-1.8915	0.7187								
		11	0.0058	-0.0000	-0.0002	-0.7870	0.2211	0.0082	-0.0015	-0.0013	0.9570	0.8287								
		12	-0.0081	0.0012	-0.0019															
87	1	10	0.898	3.10	4.99	1.6488	1.6063	-0.0447	-0.0177	-0.0155	1.9895	1.7395								
		11	0.0630	-0.0208	-0.0202	1.4063	1.6324	-0.0515	-0.0195	-0.0186	1.8987	1.8125								
		12	-0.0565	-0.0158	-0.0184															
87	2	10	0.899	9.02	4.99	0.6109	0.7293	-0.0020	-0.0028	-0.0001	3.6479	1.8875								
		11	0.0923	-0.0011	-0.0032	0.0569	1.2838	-0.0036	-0.0020	-0.0007	3.1195	1.8850								
		12	-0.0123	-0.0000	-0.0033															
87	3	10	0.897	1.87	4.99	3.4322	2.8598	0.0153	0.0035	0.0050	1.1641	1.8856								
		11	0.0054	0.0037	0.0030	4.5688	2.1376	0.0183	0.0049	0.0057	1.3421	1.8810								
		12	0.0071	0.0065	0.0030															
87	4	10	0.897	3.11	4.99	1.9297	1.7929	0.0603	0.0189	0.0205	1.5715	1.882								
		11	0.0347	0.0134	0.0124	2.1621	1.7858	0.0486	0.0152	0.0153	1.5657	1.8814								
		12	0.0504	0.0220	0.0180															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																		
67	5	10 12	0.0794	0.0252	6.222	4.99	1.8392	1.8023	0.1384	0.0457	0.0477	1.6520	1.7248							
			0.1293	0.0486	0.0460	0.0286	1.8822	1.7811	0.0894	0.0297	0.0304	1.6826	1.7039							
67	6	10 12	0.0897	0.0279	9.333	4.99	1.6442	1.9285	0.2325	0.0705	0.0832	1.5173	1.7900							
			0.0849	0.0279	0.0327	0.0327	1.6231	1.8629	0.0712	0.0204	0.0258	1.4350	1.6123							
67	7	10 12	0.0897	0.0493	12.45	4.99	1.4418	1.8368	0.3316	0.0905	0.1226	1.3650	1.8494							
			0.1703	0.0493	0.0628	0.0628	1.0504	1.8837	0.1597	0.0473	0.0581	1.4818	1.8196							
67	8	10 12	0.0898	0.0011	0.01	4.99	0.6641	0.7906	-0.0018	-0.0022	-0.0006	5.9294	1.6767							
			-0.0126	0.0000	-0.0032	-0.0032	1.0153	1.2697	0.0050	0.0004	0.0003	0.4824	0.3025							
68	1	10 12	0.0897	-3.09	4.99	4.99	1.6680	1.6289	-0.0516	-0.0205	-0.0178	1.9881	1.7299							
			-0.0653	-0.0217	-0.0212	-0.0212	1.4691	1.5962	-0.0514	-0.0197	-0.0186	1.9211	1.8097							
68	2	10 12	0.0897	0.03	4.99	4.99	1.3046	1.0386	-0.0136	-0.0063	-0.0039	2.3840	2.2366							
			-0.0197	-0.0051	-0.0041	-0.0041	0.8201	1.3816	-0.0091	-0.0045	-0.0040	2.4626	2.4356							
68	3	10 12	0.0897	1.06	4.99	4.99	0.6288	0.2931	0.0024	-0.0008	0.0023	-1.7496	4.8403							
			-0.0097	-0.0112	-0.0005	-0.0005	-2.7984	-0.6921	-0.0021	-0.0021	-0.0010	-3.0035	2.4423							
68	4	10 12	0.0897	3.13	4.99	4.99	1.9380	1.9248	0.0507	0.0152	0.0176	1.5055	1.7412							
			0.0271	0.0105	0.0104	0.0104	2.1569	1.7964	0.0370	0.0103	0.0112	1.3924	1.5197							
68	5	10 12	0.0896	6.23	4.99	4.99	1.7869	1.7900	0.1344	0.0444	0.0461	1.6320	1.7159							
			0.0768	0.0274	0.0275	0.0275	1.8765	1.8824	0.0784	0.0250	0.0257	1.5380	1.7037							
68	6	10 12	0.0896	9.34	4.99	4.99	1.8440	1.9716	0.2334	0.0707	0.0834	1.5154	1.7882							
			0.0275	0.0737	0.0844	0.0844	1.6206	1.8565	0.0595	0.0184	0.0209	1.5504	1.7631							
68	7	10 11	0.0896	12.47	4.99	4.99	1.4204	1.8362	0.3327	0.0909	0.1228	1.3663	1.8456							
			0.1645	0.0467	0.0604	0.0604	1.4204	1.8362	0.3327	0.0909	0.1228	1.3663	1.8456							

TABLE VIII
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																				
68	0	12	0.3320	0.0695	0.1252	1.0470	1.8856	0.1526	0.0452	0.0553	1.4809	1.8125										
		10	0.696	0.01	⁴⁴ 0.99	1.3082	1.1941	-0.0125	-0.0061	-0.0037	2.4437	1.4993										
		12	-0.6197	-0.0051	-0.0047	0.8274	1.3480	-0.0076	-0.0040	-0.0033	2.6261	2.1766										
		12	-0.0233	-0.0038	-0.0062																	
69	1	10	0.697	-3.05	⁴⁴ 0.99	1.6761	1.6006	-0.0596	-0.0240	-0.0211	2.0150	1.7751										
		11	-0.694	-0.0232	-0.0222	1.5114	1.6260	-0.0560	-0.0218	-0.0206	1.9469	1.8391										
		12	-0.0712	-0.0215	-0.0231																	
69	2	10	0.696	0.04	⁴⁴ 0.99	1.4924	1.1956	-0.0278	-0.0117	-0.0086	2.1129	1.5579										
		11	-0.6327	-0.0097	-0.0078	1.2472	1.4332	-0.0223	-0.0097	-0.0080	2.1734	1.8108										
		12	-0.0404	-0.0100	-0.0115																	
69	3	10	0.697	1.09	⁴⁴ 0.99	1.4409	0.9915	-0.0120	-0.0061	-0.0017	2.5743	0.7225										
		11	-0.6269	-0.0077	-0.0053	0.6663	0.7159	-0.0202	-0.0088	-0.0067	2.1669	1.6593										
		12	-0.0183	-0.0024	-0.0026																	
69	4	10	0.695	3.13	⁴⁴ 0.99	2.2264	2.4150	0.0411	0.0047	0.0149	1.4507	1.8159										
		11	0.0131	0.0058	0.0063	2.2095	1.8660	0.0205	0.0047	0.0064	1.1854	1.5632										
		12	0.0356	0.0157	0.0133																	
69	5	10	0.695	6.23	⁴⁴ 0.99	1.7347	1.6421	0.1341	0.0442	0.0459	1.6476	1.7131										
		11	0.6667	0.0231	0.0245	1.8768	1.7918	0.0742	0.0225	0.0249	1.5132	1.6803										
		12	0.1266	0.0475	0.0453																	
69	6	10	0.697	9.35	⁴⁴ 0.99	2.0395	1.9700	0.2319	0.0704	0.0828	1.5178	1.7866										
		11	0.654	0.0267	0.0258	1.6201	1.8636	0.0474	0.0174	0.0166	1.8410	1.7544										
		12	0.2238	0.0725	0.0834																	
69	7	10	0.696	12.47	⁴⁴ 0.99	1.3803	1.8548	0.3318	0.0907	0.1223	1.3673	1.8433										
		11	0.1460	0.0403	0.0341	1.0550	1.8838	0.1398	0.0403	0.0504	1.4432	1.8043										
		12	0.3295	0.0695	0.1241																	
69	8	10	0.693	0.08	⁴⁴ 0.99	1.5237	1.2651	-0.0276	-0.0116	-0.0093	2.1930	1.5122										
		11	-0.6334	-0.0101	-0.0064	1.2380	1.4017	-0.0207	-0.0089	-0.0073	2.1981	1.5122										
		12	-0.0402	-0.0099	-0.0112																	
90	1	10	0.696	-3.03	⁴⁴ 0.99	1.6932	1.6287	-0.0726	-0.0291	-0.0250	2.0062	1.7237										
		11	-0.6708	-0.0239	-0.0230	1.5849	1.6356	-0.0589	-0.0230	-0.0214	1.9502	1.8187										
		12	-0.0805	-0.0255	-0.0263																	
90	2	10	0.696	0.09	⁴⁴ 0.99																	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →											
11			-0.0370	-0.0115	-0.0098	1.5631	1.3229	-0.0342	-0.0141	-0.0107	2.0678	1.5636		
12			-0.0486	-0.0132	-0.0143	1.3567	1.4720	-0.0254	-0.0109	-0.0088	2.1529	1.7361		
90	3	10	0.0358	0.0103	0.0077	1.4479	1.0882	-0.0212	-0.0092	-0.0047	2.1694	1.1133		
			-0.0335	-0.0078	-0.0075	1.1692	1.1250	-0.0297	-0.0120	-0.0094	2.0279	1.5844		
90	4	10	0.095	0.017	0.0117	1.5378	1.25	0.0333	0.0089	0.0136	1.3434	3.0466		
			0.0001	0.0124	0.0117	2.4007	2.2700	0.0018	-0.0029	0.0012	-0.1364	3.3511		
90	5	10	0.098	0.0203	0.0454	1.6725	1.8535	0.1319	0.0432	0.0453	1.6410	1.7196		
			0.1268	0.0472	0.0454	1.8609	1.7894	0.0616	0.0177	0.0209	1.4435	1.7040		
90	6	10	0.096	0.037	0.0838	2.0774	1.9499	0.2311	0.0701	0.0828	1.5165	1.7917		
			0.0612	0.0254	0.0838	1.6216	1.8630	0.0464	0.0162	0.0163	1.7499	1.7541		
90	7	10	0.095	0.0696	0.1263	1.3262	1.8804	0.3353	0.0914	0.1234	1.3629	1.8410		
			0.1367	0.0696	0.1263	1.0365	1.8804	0.1231	0.0341	0.0442	1.3873	1.7968		
90	8	10	0.096	0.06	0.0499	1.5462	1.2875	-0.0364	-0.0148	-0.0114	2.0411	1.5727		
			-0.0344	-0.0131	-0.0146	1.3565	1.5044	-0.0248	-0.0108	-0.0086	2.1764	1.7442		
91	1	10	0.097	-0.01	0.0234	1.7096	1.6414	-0.0874	-0.0359	-0.0302	2.0538	1.7297		
			-0.0713	-0.0321	-0.0309	1.7020	1.6420	-0.0603	-0.0236	-0.0216	1.9612	1.7951		
91	2	10	0.098	0.013	0.0499	1.6177	1.3840	-0.0431	-0.0174	-0.0139	2.0266	1.6146		
			-0.0352	-0.0114	-0.0097	1.4333	1.5456	-0.0251	-0.0112	-0.0089	2.2856	1.7707		
91	3	10	0.098	0.0116	0.0499	1.5131	1.2668	-0.0247	-0.0105	-0.0067	2.1296	1.3600		
			-0.0430	-0.0111	-0.0113	1.2950	1.3158	-0.0341	-0.0137	-0.0110	2.0085	1.6141		
91	4	10	0.097	0.018	0.0499	1.7485	0.9400	0.5969	0.1313	0.0109	1.1016	0.0916		
			-0.0290	-0.0071	-0.0054	2.9286	3.7180	-0.0347	-0.0137	-0.0099	2.2859	1.4370		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

91	5	10	0.096	6.29	4.99	1.6270	1.6836	0.1276	0.0401	0.0437	1.8712	1.7126
		11	0.0460	0.0149	0.0173	1.6190	1.7627	0.0441	0.0112	0.0153	1.2772	1.7362
		12	0.1215	0.0442	0.0433							
91	6	10	0.097	9.39	4.99	1.9413	1.9167	0.2267	0.0694	0.0820	1.5160	1.7927
		11	0.0660	0.0264	0.0261	1.6226	1.6563	0.0507	0.0171	0.0183	1.6929	1.6136
		12	0.2209	0.0717	0.0621							
91	7	10	0.900	12.49	4.99	1.3001	1.6376	0.3337	0.0910	0.1239	1.3553	1.6457
		11	0.1151	0.0299	0.0423	1.4053	1.9015	0.0961	0.0217	0.0335	1.1313	1.7460
		12	0.3284	0.0923	0.1249							
91	8	10	0.097	0.10	4.99	1.6150	1.4027	-0.0433	-0.0175	-0.0141	2.0269	1.6330
		11	-0.0339	-0.0109	-0.0095	1.4411	1.5246	-0.0265	-0.0118	-0.0092	2.2308	1.7486
		12	-0.0605	-0.0174	-0.0184							
92	6	10	0.600	3.10	0.00	0.4644	2.2142	-0.0575	-0.0199	-0.0192	1.7331	1.6692
		11	0.0079	0.0007	0.0035	0.5608	2.0319	-0.0499	-0.0170	-0.0177	1.7110	1.7761
		12	-0.0027	-0.0003	-0.0011							
92	7	10	0.599	1.06	0.00	0.1966	2.3765	-0.0068	-0.0021	-0.0022	1.6042	1.6887
		11	0.0064	0.0002	0.0030	-0.0951	2.2461	0.0014	0.0008	0.0013	2.9364	1.7294
		12	-0.0018	0.0000	-0.0008							
92	8	10	0.600	-0.004	0.00	-0.5257	2.9063	0.0113	0.0045	0.0044	1.9510	1.9140
		11	0.0043	-0.0004	0.0025	-0.7583	4.6299	0.0166	0.0074	0.0054	1.9901	1.4500
		12	-0.0010	0.0001	-0.0009							
92	9	10	0.600	0.44	0.00	0.2117	3.5019	0.0200	0.0073	0.0070	1.8363	1.9317
		11	0.0021	0.0002	0.0030	4.3668	-3.0215	0.0285	0.0107	0.0067	1.8748	1.5317
		12	0.0006	0.0006	-0.0004							
92	10	10	0.601	1.00	0.00	-0.3776	3.6276	0.0320	0.0117	0.0113	1.8313	1.7666
		11	0.0043	-0.0001	0.0023	-0.7031	3.5726	0.0406	0.0149	0.0128	1.8409	1.5886
		12	-0.0010	0.0001	-0.0006							
92	11	10	0.599	3.06	0.00	-0.7042	3.7095	0.0798	0.0286	0.0291	1.7954	1.7686
		11	0.0041	-0.0005	0.0022	-0.9564	3.0223	0.0888	0.0320	0.0296	1.8055	1.6688
		12	-0.0027	-0.0005	-0.0016							
92	12	10	0.599	6.19	0.00	-1.1000	2.6064	0.1697	0.0562	0.0596	1.6570	1.7559
		11	0.0037	-0.0008	0.0021							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key
92	12	12	1.6650 1.7494
92	13	10	0.599 9.29
92	13	11	0.0021 -0.0014 0.0015
92	13	12	-0.0020 -0.0002 -0.0018
92	14	10	0.598 12.43
92	14	11	0.0047 -0.0008 0.0023
92	14	12	-0.0010 -0.0000 -0.0014
92	15	10	0.600 -0.003
92	15	11	0.0068 0.0004 0.0032
92	15	12	0.0001 0.0004 -0.0007
93	1	10	0.600 -3.10
93	1	11	0.0073 0.0006 0.0037
93	1	12	-0.0037 -0.0005 -0.0011
93	2	10	0.599 -1.07
93	2	11	0.0076 0.0007 0.0037
93	2	12	0.0011 0.0010 0.0001
93	3	10	0.600 -0.05
93	3	11	0.0068 0.0005 0.0035
93	3	12	-0.0003 0.0003 -0.0004
93	4	10	0.601 0.45
93	4	11	0.0060 0.0000 0.0026
93	4	12	-0.0010 0.0001 -0.0006
93	5	10	0.600 1.02
93	5	11	0.0064 0.0002 0.0029
93	5	12	0.0008 0.0007 -0.0002
93	6	10	0.599 3.10
93	6	11	0.0043 -0.0004 0.0020
93	6	12	-0.0034 -0.0005 -0.0014
93	7	10	0.599 6.22
93	7	11	0.0043 -0.0004 0.0022
93	7	12	-0.0006 0.0001 -0.0011
93	8	10	0.599 9.29
			0.00

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																								
	11		0.0032	-0.0009	0.0019	-1.4601	3.0419	0.2620	0.0760	0.0939	1.4474	1.7972														
	12		0.0005	0.0004	-0.0005	4.8263	-5.4882	0.2657	0.0769	0.0952	1.4474	1.7927														
93	9	10	0.598	12.44	-0.00																					
	11		0.0032	-0.0013	0.0021	-1.9856	3.2116	0.3862	0.0811	0.2893	1.0502	3.7455														
	12		-0.0003	0.0001	-0.0012	-2.2876	18.2547	0.3950	0.0822	0.1440	1.0408	1.8227														
93	10	10	0.600	-0.03	-0.00																					
	11		0.0054	0.0000	0.0028	0.0187	2.5732	0.0045	0.0018	0.0024	2.0073	2.6368														
	12		0.0103	0.0040	-0.1441	1.9772	-69.5752	0.0142	0.0054	0.0037	1.9339	1.3208														
94	1	10	0.599	3.08	-0.00																					
	11		0.0079	0.0007	0.0033	0.4621	2.1256	-0.0645	-0.0199	-0.0198	1.7522	1.6221														
	12		-0.0025	-0.0001	-0.0008	0.3849	1.6261	-0.0569	-0.0199	-0.0198	1.7522	1.7408														
94	2	10	0.600	-1.03	-0.00																					
	11		0.0080	0.0008	0.0039	0.5327	3.4192	-0.0180	-0.0050	-0.0052	1.6863	2.4651														
	12		-0.0005	0.0006	-0.0004	-5.1219	3.5040	-0.0090	-0.0030	-0.0041	1.6574	2.2808														
94	3	10	0.600	-0.02	-0.00																					
	11		0.0071	0.0004	0.0033	0.3460	3.3368	0.0008	0.0003	0.0019	3.2923	1.4556														
	12		-0.0010	0.0001	-0.0006	-0.7031	3.3726	0.0110	0.0043	0.0031	3.19720	1.4556														
94	4	10	0.600	0.46	-0.00																					
	11		0.0073	0.0006	0.0034	0.4192	2.3691	0.0093	0.0072	0.0047	2.0272	2.5938														
	12		0.0003	0.0006	-0.0004	8.1753	-5.6399	0.0193	0.0072	0.0059	2.0272	2.5938														
94	5	10	0.601	1.02	-0.00																					
	11		0.0071	0.0004	0.0030	0.3408	2.1421	0.0228	0.0085	0.0066	1.8593	1.8954														
	12		-0.0005	0.0002	-0.0006	-2.5300	6.7513	0.0332	0.0122	0.0106	1.8593	1.8954														
94	6	10	0.601	3.07	-0.00																					
	11		0.0069	0.0003	0.0026	0.2577	1.9015	0.0724	0.0258	0.0254	1.7835	1.7878														
	12		-0.0000	0.0003	-0.0004	-84.1070	95.2211	0.0797	0.0286	0.0265	1.7835	1.8228														
94	7	10	0.600	6.21	-0.00																					
	11		0.0032	-0.0009	0.0018	-1.4682	2.8252	0.1585	0.0529	0.0552	1.6679	1.7328														
	12		-0.0015	-0.0001	-0.0013	-0.6024	4.4633	0.1678	0.0562	0.0582	1.6679	1.7328														
94	8	10	0.599	9.30	0.00																					
	11		0.0047	-0.0005	0.0022	-0.6183	2.3463	0.2585	0.0753	0.0923	1.4576	1.7916														
	12		0.0004	-0.0004	-0.0004	-4.8990	-4.2127	0.2633	0.0767	0.0943	1.4576	1.7916														

Run Pt. Cd ← See Key →

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key \longleftrightarrow

Run	Pt.	Cd																		
94	9	10	0.599	12.43	-0.0004	35.6140	-6.9775	0.3920	0.0823	0.1418	1.0504	1.0991								
		11	-0.0002	-0.0021	0.0004	0.8648	4.3926	0.3925	0.0821	0.1430	1.0453	1.0219								
		12	-0.0017	-0.0003	-0.0015															
94	10	10	0.600	-0.002	-0.009	0.4421	2.0427	-0.0004	0.0001	0.0008	-1.2208	-0.7356								
		11	0.0082	0.0007	0.0033	0.8229	-41.8361	0.0091	0.0037	0.0025	-1.0720	-1.3687								
		12	0.0000	0.0006	-0.0004															
95	1	10	0.599	-3.07	-0.009	0.5632	2.1118	-0.0699	-0.0247	-0.0230	1.7675	1.6920								
		11	0.0086	0.0009	0.0036	0.5079	1.3543	-0.0602	-0.0212	-0.0206	1.7598	1.7124								
		12	-0.0031	-0.0003	-0.0008															
95	2	10	0.599	-1.06	-0.009	0.5632	2.1118	-0.0237	-0.0081	-0.0068	1.7208	1.4463								
		11	0.0086	0.0009	0.0036	0.4302	1.6515	-0.0116	-0.0038	-0.0049	1.6286	1.1324								
		12	-0.0016	0.0001	-0.0005															
95	3	10	0.599	-0.02	-0.003	0.2783	2.2033	-0.0033	-0.0010	0.0001	1.5424	-0.2009								
		11	0.0066	0.0003	0.0029	0.6918	2.3199	0.0078	0.0032	0.0023	1.0409	1.5042								
		12	-0.0036	-0.0006	-0.0016															
95	4	10	0.599	0.46	-0.004	0.4141	2.1797	0.0056	0.0023	0.0034	2.0414	1.0312								
		11	0.0073	0.0006	0.0032	16.5051	14.1050	0.0162	0.0061	0.0048	1.8949	1.4957								
		12	-0.0001	0.0004	-0.0004															
95	5	10	0.601	0.99	-0.004	0.5569	1.8676	0.0161	0.0059	0.0072	1.8513	2.2494								
		11	0.0085	0.0009	0.0032	-1.4820	2.4278	0.0271	0.0100	0.0088	1.8565	1.6305								
		12	-0.0008	0.0002	-0.0004															
95	6	10	0.600	3.11	-0.004	0.1866	1.9455	0.0724	0.0256	0.0257	1.7690	1.7788								
		11	0.0064	0.0002	0.0025	13.9302	-11.9324	0.1643	0.0552	0.0569	1.6602	1.7322								
		12	-0.0010	0.0001	-0.0006															
95	7	10	0.600	6.19	-0.004	0.7097	2.5404	0.1559	0.0520	0.0546	1.6602	1.7322								
		11	0.0041	-0.0005	0.0020	-3.3543	3.9760	0.2598	0.0754	0.0929	1.4525	1.7878								
		12	0.0001	0.0004	-0.0004															
95	8	10	0.599	9.30	-0.004	0.2699	4.5529	0.2669	0.0771	0.0556	1.4525	1.7916								
		11	0.0021	-0.0014	0.0016	-1.5722	2.5885	0.3935	0.0830	0.1423	1.0552	1.6088								
		12	-0.0013	-0.0000	-0.0012															
95	9	10	0.598	12.46	-0.004	1.2459	2.7459	0.3960	0.0826	0.1423	1.0552	1.6088								
		11	0.0037	-0.0011	0.0019	-1.5722	2.5885	0.3935	0.0830	0.1423	1.0552	1.6088								
		12	-0.0048	-0.0012	-0.0026															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
95	10	10	0.600	-0.002	-0.000	0.1098	2.2325	-0.0022	-0.0005	0.0007	1.2562	-1.5512						
	11	11	0.0059	0.0001	0.0026	-0.0951	2.2481	0.0070	0.0031	0.0019	2.2024	-1.3799						
	12	12	-0.0015	0.0000	-0.0006													
96	1	10	0.599	-3.07	-0.00	0.8257	2.0440	-0.0745	-0.0261	-0.0245	1.7599	1.6437						
	11	11	0.0109	0.0018	0.0044	-0.8810	1.8674	-0.0633	-0.0223	-0.0218	1.7618	1.7260						
	12	12	-0.0014	0.0002	-0.0005													
96	2	10	0.600	-1.03	-0.00	0.8506	1.8674	-0.0309	-0.0105	-0.0093	1.7117	1.5042						
	11	11	0.0119	0.0020	0.0044	-0.8222	0.4559	-0.0180	-0.0060	-0.0067	1.6893	1.8824						
	12	12	-0.0015	0.0002	-0.0001													
96	3	10	0.600	-0.00	-0.00	0.6696	2.0193	-0.0126	-0.0041	-0.0022	1.6351	0.9054						
	11	11	0.0089	0.0012	0.0036	-4.9918	2.2897	-0.0035	-0.0007	-0.0011	1.0962	1.5744						
	12	12	-0.0006	0.0006	-0.0002													
96	4	10	0.600	0.48	-0.00	0.0150	2.4448	0.0003	0.0004	0.0022	6.7135	33.4513						
	11	11	0.0054	0.0000	0.0026	-0.9638	3.8548	0.0076	0.0033	0.0029	2.1524	1.8969						
	12	12	-0.0007	0.0001	-0.0005													
96	5	10	0.601	1.03	-0.00	0.7626	1.9130	0.0106	0.0040	0.0053	1.8807	2.5308						
	11	11	0.0101	0.0015	0.0038	3.0253	0.3596	0.0190	0.0071	0.0063	1.8678	1.6660						
	12	12	0.0019	0.0011	0.0001													
96	6	10	0.600	3.10	-0.00	0.5548	1.7861	0.0643	0.0226	0.0229	1.7594	1.7618						
	11	11	0.0085	0.0009	0.0030	-1.5255	3.2816	0.0714	0.0254	0.0238	1.7837	1.6096						
	12	12	-0.0008	0.0002	-0.0005													
96	7	10	0.600	6.21	-0.00	0.2257	2.3586	0.1615	0.0533	0.0563	1.6708	1.7448						
	11	11	0.0050	-0.0002	0.0023	-0.9964	2.5830	0.1653	0.0553	0.0576	1.6748	1.7419						
	12	12	-0.0037	-0.0007	-0.0019													
96	8	10	0.600	9.30	-0.00	-1.3492	2.3720	0.2597	0.0756	0.0928	1.4560	1.7863						
	11	11	0.0035	-0.0009	0.0016	-6.1968	13.5326	0.2641	0.0768	0.0944	1.4540	1.7871						
	12	12	-0.0002	-0.0002	-0.0005													
96	9	10	0.599	12.47	-0.00	-4.0136	3.1292	0.3927	0.0828	0.1421	1.0543	1.8091						
	11	11	0.0017	-0.0014	0.0011	-4.7568	-6.7068	0.3891	0.0824	0.1417	1.0592	1.8214						
	12	12	0.0005	-0.0004	-0.0007													
96	10	10	0.599	-0.03	-0.00	0.6937	1.9095	-0.0119	-0.0039	-0.0020	1.6343	0.8389						
	11	11	0.0095	0.0013	0.0036	-1.0600	1.1667	-0.0024	-0.0003	-0.0006	0.6426	1.4141						
	12	12	-0.0011	0.0002	-0.0002													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
97	3	10	0.598	-3.06	-0.00	0.4670	2.0084	-0.0779	-0.0276	-0.0259	1.7755	1.6632						
	11	11	0.0090	0.0008	0.0036	0.5374	1.4286	-0.0696	-0.0245	-0.0235	1.7655	1.6880						
	12	12	-0.0019	-0.0002	-0.0005													
97	4	10	0.599	-1.01	-0.00	0.3590	2.2419	-0.0392	-0.0136	-0.0117	1.7449	1.4942						
	11	11	0.0068	0.0004	0.0030	0.5234	2.1679	-0.0268	-0.0091	-0.0091	1.7003	1.6946						
	12	12	-0.0019	-0.0002	-0.0008													
97	5	10	0.600	0.00	-0.00	0.5519	2.3390	-0.0237	-0.0081	-0.0057	1.7179	1.2031						
	11	11	0.0077	0.0008	0.0036	3.0290	0.5148	-0.0169	-0.0054	-0.0043	1.6008	1.2938						
	12	12	0.0013	0.0008	0.0001													
97	6	10	0.599	0.51	-0.00	0.5019	1.9948	-0.0169	-0.0057	-0.0027	1.6975	0.6024						
	11	11	0.0083	0.0008	0.0033	0.9218	2.8454	-0.0092	-0.0028	-0.0012	1.5482	0.6674						
	12	12	-0.0007	0.0001	-0.0004													
97	7	10	0.600	1.04	-0.00	-0.2299	2.2197	0.0040	0.0013	0.0041	1.6766	5.1205						
	11	11	0.0050	-0.0002	0.0022	2.9671	-2.2829	0.0090	0.0035	0.0045	1.9793	2.5145						
	12	12	0.0006	0.0003	-0.0002													
97	8	10	0.600	3.14	-0.00	-0.4838	1.9704	0.0602	0.0209	0.0214	1.7399	1.7600						
	11	11	0.0049	-0.0004	0.0019	0.2936	3.4628	0.0650	0.0230	0.0221	1.7694	1.7008						
	12	12	-0.0014	-0.0000	-0.0009													
97	9	10	0.599	6.24	-0.00	-0.0959	2.1417	0.1561	0.0523	0.0545	1.6751	1.7480						
	11	11	0.0058	-0.0001	0.0025	2.8992	-5.4009	0.1590	0.0535	0.0555	1.6833	1.7394						
	12	12	0.0006	0.0003	-0.0006													
97	10	10	0.599	9.32	0.00	-2.2089	3.8131	0.2637	0.0761	0.0942	1.4436	1.7856						
	11	11	0.0023	-0.0010	0.0018	1.6423	-0.9596	0.2621	0.0763	0.0941	1.4567	1.7956						
	12	12	0.0014	-0.0004	-0.0002													
97	11	10	0.598	12.44	0.00	-9.6032	4.9119	0.3851	0.0827	0.1405	1.0628	1.8056						
	11	11	0.0009	-0.0019	0.0009	2.6331	-17.6252	0.3857	0.0821	0.1421	1.0536	1.8211						
	12	12	0.0002	0.0001	-0.0009													
97	12	10	0.599	0.02	-0.00	-0.2079	2.4788	-0.0203	-0.0070	-0.0045	1.7307	1.1262						
	11	11	0.0053	-0.0002	0.0026	0.2429	2.4119	-0.0150	-0.0042	-0.0031	1.6122	1.2169						
	12	12	-0.0017	-0.0000	-0.0008													
98	1	10	0.599	-3.02	-0.00	0.3888	2.4417	-0.0837	-0.0290	-0.0274	1.7821	1.6406						
	11	11	0.0080	0.0006	0.0039	0.2622	1.5871	-0.0751	-0.0266	-0.0254	1.7697	1.6905						
	12	12	-0.0017	-0.0000	-0.0005													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd \leftarrow See Key \rightarrow

98	2	10	0.600	-0.98	-0.090	0.1668	2.2665	-0.0402	-0.0141	-0.0122	1.7559	1.5253
		11	0.0067	0.0002	0.0030	0.1087	2.7179	-0.0336	-0.0116	-0.0111	1.7177	1.6499
		12	-0.0015	0.0000	-0.0008	-0.1087						
98	3	10	0.600	0.006	-0.000	0.4192	2.3691	-0.0295	-0.0103	-0.0074	1.7485	1.2548
		11	0.0073	0.0001	0.0034	-0.5243	2.0402	-0.0206	-0.0069	-0.0056	1.6709	1.3658
		12	-0.0013	0.0000	-0.0005							
98	4	10	0.599	0.050	-0.000	-0.2090	2.9120	-0.0268	-0.0092	-0.0055	1.7171	1.0406
		11	0.0050	-0.0003	0.0029	0.6443	2.0044	-0.0179	-0.0058	-0.0038	1.6185	1.0751
		12	-0.0024	0.0000	-0.0009							
98	5	10	0.600	1.07	-0.000	0.4885	2.3997	-0.0120	-0.0045	0.0001	1.8698	-0.0563
		11	0.0075	0.0007	0.0036	3.0311	0.6014	-0.0090	-0.0028	0.0000	1.6086	-0.0090
		12	0.0011	0.0007	0.0001							
98	6	10	0.600	3.19	-0.000	-0.9684	2.9032	0.0549	0.0189	0.0196	1.7196	1.7842
		11	0.0036	-0.0006	0.0020	-0.2146	6.3918	0.0602	0.0210	0.0204	1.7495	1.6979
		12	-0.0008	0.0000	-0.0011							
98	7	10	0.600	6.25	-0.000	0.1109	2.4532	0.1482	0.0500	0.0518	1.6876	1.7499
		11	0.0062	0.0001	0.0030	1.9417	0.7816	0.1486	0.0505	0.0515	1.6997	1.7352
		12	0.0035	0.0013	0.0005							
98	8	10	0.600	9.32	-0.000	-4.8512	4.0802	0.2605	0.0757	0.0934	1.4529	1.7987
		11	0.0017	-0.0000	0.0013	0.3613	5.9391	0.2638	0.0764	0.0948	1.4480	1.7961
		12	-0.0010	0.0000	-0.0012							
98	9	10	0.599	12.46	0.000	22.0479	-3.6981	0.3873	0.0835	0.1395	1.0786	1.8015
		11	0.0005	-0.0024	0.0004	1.4029	-3.6056	0.3901	0.0819	0.1424	1.0507	1.8262
		12	-0.0034	-0.0009	-0.0025							
98	10	10	0.600	0.09	-0.000	-0.3477	2.7428	-0.0288	-0.0101	-0.0077	1.7519	1.3355
		11	0.0048	-0.0003	0.0026	2.5515	0.3386	-0.0261	-0.0087	-0.0072	1.6626	1.3326
		12	0.0020	0.0010	0.0001							
99	1	10	0.599	-3.01	-0.000	0.7231	2.1224	-0.0878	-0.0311	-0.0290	1.7756	1.6521
		11	0.0108	0.0015	0.0046	6.8177	1.3376	-0.0807	-0.0286	-0.0270	1.7733	1.6759
		12	0.0005	0.0007	0.0001							
99	2	10	0.600	-1.09	-0.000	0.2546	2.2019	-0.0477	-0.0167	-0.0149	1.7554	1.6686
		11	0.0072	0.0003	0.0032	0.7237	1.8971	-0.0357	-0.0124	-0.0119	1.7553	1.6762
		12	-0.0029	-0.0004	-0.0011							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
99	3	10	0.600	0.005	-0.000	0.2841	2.4130	-0.0307	-0.0106	-0.0077	1.7352	1.2520								
		11	0.0066	0.0002	0.0032	-1.4397	1.5967	-0.0279	-0.0096	-0.0083	1.7175	1.5009								
		12	-0.0008	0.0002	-0.0002															
99	4	10	0.600	0.53	-0.000	0.3618	2.3438	-0.0287	-0.0098	-0.0068	1.7130	1.1887								
		11	0.0068	0.0004	0.0032	-4.9495	1.8952	-0.0260	-0.0088	-0.0068	1.6938	1.3181								
		12	-0.0003	0.0003	-0.0001															
99	5	10	0.600	1.08	-0.000	0.5282	2.2467	-0.0254	-0.0087	-0.0038	1.7181	0.7589								
		11	0.0080	0.0008	0.0036	2.4430	0.4174	-0.0233	-0.0077	-0.0043	1.6569	0.9390								
		12	0.0016	0.0008	0.0001															
99	6	10	0.600	3.16	-0.000	-0.0018	1.8582	0.0411	0.0136	0.0159	1.6541	1.9364								
		11	0.0063	-0.0000	0.0023	-2.9576	-2.7190	0.0478	0.0164	0.0168	1.7189	1.7648								
		12	0.0010	0.0006	-0.0005															
99	7	10	0.600	6.25	-0.000	-0.1995	2.3393	0.1422	0.0481	0.0499	1.6932	1.7573								
		11	0.0056	-0.0002	0.0026	-1.2476	10.6616	0.1509	0.0511	0.0522	1.6951	1.7307								
		12	-0.0006	0.0001	-0.0013															
99	8	10	0.600	9.29	-0.000	-2.4705	3.4607	0.2541	0.0747	0.0908	1.4703	1.7884								
		11	0.0026	-0.0012	0.0018	0.3156	8.1876	0.2594	0.0758	0.0933	1.4625	1.7997								
		12	-0.0010	-0.0000	-0.0016															
99	9	10	0.599	12.47	0.000	-1.9030	2.4473	0.3797	0.0833	0.1371	1.0977	1.8859								
		11	0.0031	-0.0011	0.0015	-0.3223	10.1248	0.3803	0.0825	0.1389	1.0857	1.8260								
		12	-0.0005	0.0000	-0.0011															
99	10	10	0.600	0.02	-0.000	0.7205	2.0204	-0.0039	-0.0118	-0.0091	1.7432	1.3459								
		11	0.0100	0.0014	0.0040	8.8430	-0.0084	-0.0283	-0.0096	-0.0082	1.6978	1.4590								
		12	0.0003	0.0005	-0.0000															
100	1	10	0.598	-2.98	-0.000	0.6762	1.9648	-0.0899	-0.0320	-0.0273	1.7818	1.8856								
		11	0.0106	0.0014	0.0041	-0.4872	1.0031	-0.0813	-0.0287	-0.0273	1.7691	1.8828								
		12	-0.0013	0.0001	-0.0002															
100	2	10	0.599	-0.97	-0.000	0.3266	2.1440	-0.0499	-0.0174	-0.0153	1.7895	1.5599								
		11	0.0074	0.0004	0.0032	-0.0951	2.2481	-0.0400	-0.0140	-0.0133	1.7511	1.6720								
		12	-0.0015	0.0000	-0.0006															
100	3	10	0.600	0.04	-0.000	0.3949	2.0891	-0.0357	-0.0125	-0.0095	1.7531	1.3386								
		11	0.0076	0.0006	0.0032	0.2622	1.5871	-0.0240	-0.0083	-0.0075	1.7425	1.5784								
		12	-0.0017	-0.0000	-0.0005															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
100	4	10	0.600	0.54	-0.00	0.1926	2.1622	-0.0286	-0.0099	-0.0068	1.7415	1.1938								
		11	0.0064	0.0002	0.0027	0.8430	-0.0084	-0.0248	-0.0082	-0.0065	1.6646	1.1303								
		12	0.0003	0.0005	-0.0000															
100	5	10	0.600	1.09	-0.00	0.2604	2.0020	-0.0248	-0.0086	-0.0041	1.7315	0.8321								
		11	0.0069	0.0003	0.0027	0.6341	2.6014	-0.0165	-0.0053	-0.0027	1.6184	0.8276								
		12	-0.0016	-0.0002	-0.0008															
100	6	10	0.600	3.16	-0.00	0.0841	1.8203	0.0409	0.0131	0.0164	1.6023	2.0142								
		11	0.0068	0.0001	0.0024	4.8990	-4.2127	0.0451	0.0150	0.0163	1.6647	1.8056								
		12	0.0004	0.0004	-0.0004															
100	7	10	0.599	6.23	-0.00	0.1661	2.0712	0.1524	0.0512	0.0532	1.6793	1.7447								
		11	0.0074	0.0002	0.0030	0.4792	4.4965	0.1562	0.0525	0.0539	1.6827	1.7276								
		12	-0.0018	-0.0001	-0.0016															
100	8	10	0.599	9.31	-0.00	-1.1066	3.6215	0.2521	0.0743	0.0900	1.4739	1.7865								
		11	0.0037	-0.0008	0.0019	2.9436	-3.3609	0.2544	0.0752	0.0910	1.4779	1.7896								
		12	0.0010	0.0006	-0.0006															
100	9	10	0.599	12.50	-0.00	-1.7339	2.2205	0.3771	0.0831	0.1363	1.1025	1.8069								
		11	0.0034	-0.0011	0.0015	-0.6151	20.2751	0.3795	0.0830	0.1380	1.0946	1.8187								
		12	-0.0002	0.0000	-0.0009															
100	10	10	0.600	0.03	-0.00	0.3266	2.1440	-0.0332	-0.0115	-0.0091	1.7457	1.3745								
		11	0.0074	0.0004	0.0032	0.6495	1.7101	-0.0257	-0.0088	-0.0078	1.7145	1.5267								
		12	-0.0024	-0.0003	-0.0008															
101	1	10	0.599	3.07	-0.00	1.1558	1.6912	-0.0577	-0.0199	-0.0194	1.7335	1.6851								
		11	0.0165	0.0038	0.0055	1.7547	1.8493	-0.0672	-0.0241	-0.0232	1.7939	1.7286								
		12	-0.0181	-0.0063	-0.0067															
101	2	10	0.600	1.06	-0.00	1.1774	1.6028	-0.0065	-0.0020	-0.0024	1.5633	1.8558								
		11	0.0156	0.0036	0.0050	1.7796	1.7578	-0.0192	-0.0070	-0.0069	1.8233	1.7969								
		12	-0.0131	-0.0046	-0.0046															
101	3	10	0.600	-0.03	-0.00	1.3003	1.6782	0.0107	0.0043	0.0039	2.0498	1.8599								
		11	0.0179	0.0046	0.0060	1.7460	1.4225	-0.0033	-0.0012	-0.0012	1.8714	1.8689								
		12	-0.0098	-0.0034	-0.0028															
101	4	10	0.600	0.47	-0.00	1.2406	1.5385	0.0173	0.0066	0.0064	1.9266	1.8455								
		11	0.0167	0.0041	0.0051															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
			12	-0.0096	-0.0053	-0.0050	1.7209	1.6001	0.0028	0.0011	0.0013	2.0080	2.4706								
101	5	10	11	12	0.600	1.01	0.00	1.3697	1.7829	0.0317	0.0117	1.8503	1.7943								
					0.0192	0.0052	0.0068	1.8223	1.3521	0.0183	0.0064	1.7616	1.6661								
					-0.0072	-0.0026	-0.0019														
101	6	10	11	12	0.600	3.14	0.00	1.4085	1.7424	0.0824	0.0295	1.7930	1.7359								
					0.0220	0.0062	0.0076	1.8685	2.0561	0.0693	0.0244	1.7611	1.6786								
					-0.0057	-0.0021	-0.0023														
101	7	10	11	12	0.600	6.20	0.00	1.2480	1.8725	0.1752	0.0575	1.6412	1.7523								
					0.0167	0.0041	0.0062	1.4601	2.2822	0.1609	0.0538	1.6745	1.7238								
					-0.0061	-0.0017	-0.0027														
101	8	10	11	12	0.599	9.26	-0.00	1.1634	2.0302	0.2787	0.0775	1.3902	1.7876								
					0.0124	0.0028	0.0050	1.4506	2.5932	0.2613	0.0759	1.4528	1.7963								
					-0.0072	-0.0021	-0.0037														
101	9	10	11	12	0.599	12.45	-0.00	0.8449	3.3831	0.4023	0.0821	1.0204	1.8110								
					0.0079	0.0013	0.0037	0.5858	5.4363	0.3825	0.1395	1.0722	1.8245								
					-0.0015	-0.0001	-0.0016														
101	10	10	11	12	0.600	-0.02	-0.0058	1.2655	1.7271	0.0100	0.0041	2.0797	1.9917								
					0.0169	0.0042	0.0058	1.7015	1.4636	-0.0017	-0.0006	1.9346	1.5631								
					-0.0124	-0.0042	-0.0036														
102	1	10	11	12	0.598	-3.09	-0.00	0.3629	2.0126	-0.0720	-0.0256	1.7792	1.6822								
					0.0083	0.0006	0.0033	3.0324	0.6567	-0.0621	-0.0215	1.7344	1.6953								
					0.0021	0.0012	0.0002														
102	2	10	11	12	0.600	-1.05	-0.00	0.4259	2.0482	-0.0248	-0.0088	1.7843	1.6113								
					0.0085	0.0007	0.0034	2.5057	0.5619	-0.0125	-0.0039	1.5655	1.8760								
					0.0037	0.0018	0.0004														
102	3	10	11	12	0.600	-0.01	-0.00	0.3087	1.9666	0.0003	0.0002	3.5027	19.9278								
					0.0077	0.0004	0.0030	3.0324	0.6567	0.0120	0.0047	1.9860	1.3769								
					0.0021	0.0012	0.0002														
102	4	10	11	12	0.600	0.47	-0.00	-0.3383	2.3026	0.0049	0.0017	1.7134	3.1379								
					0.0051	-0.0003	0.0023	-3.0168	0.0005	0.0209	0.0080	1.9238	1.4836								
					0.0017	0.0010	0.0000														
102	5	10			0.600	0.99	-0.00														

See Key

TABLE VIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																									
	11		0.0040	-0.0008	0.0010	-1.0306	2.2418	0.0197	0.0069	0.0076	1.7704	1.9430															
	12		0.0024	0.0012	0.0002	2.6303	0.5713	0.0311	0.0115	0.0099	1.6531	1.5969															
102	6	10	0.600	3.10	-0.00	-0.9711	1.7553	0.0702	0.0249	0.0244	1.7722	1.7398															
	11		0.0043	-0.0008	0.0015	13.1737	-14.9199	0.0822	0.0293	0.0273	1.7859	1.6651															
	12		0.0001	0.0004	-0.0005																						
102	7	10	0.601	6.21	-0.00	-1.0306	3.2418	0.1656	0.0548	0.0577	1.6555	1.7443															
	11		0.0040	-0.0008	0.0018	2.9436	-3.3609	0.1729	0.0573	0.0599	1.6589	1.7337															
	12		0.0008	0.0004	-0.0005																						
102	8	10	0.600	9.33	0.00	-5.9829	2.7681	0.2634	0.0761	0.0942	1.4455	1.7878															
	11		0.0014	-0.0017	0.0008	5.4109	-15.5460	0.2691	0.0771	0.0967	1.4334	1.7972															
	12		0.0003	0.0003	-0.0011																						
102	9	10	0.600	12.45	0.00	-6.9258	3.5839	0.3882	0.0826	0.1401	1.0643	1.8049															
	11		0.0015	-0.0021	0.0011	0.4746	11.9498	0.3945	0.0818	0.1438	1.0372	1.8234															
	12		-0.0007	-0.0000	-0.0016																						
102	10	10	0.599	-0.02	-0.00	0.0044	2.0778	-0.0025	-0.0009	-0.0000	1.8391	0.0026															
	11		0.0063	0.0000	0.0026	3.0168	0.0005	0.0103	0.0041	0.0027	1.9949	1.3488															
	12		0.0019	0.0011	0.0000																						
103	1	10	0.600	3.06	-0.00	0.1014	2.4286	-0.0739	-0.0263	-0.0246	1.7785	1.6687															
	11		0.0068	0.0001	0.0033	2.7783	1.5741	-0.0562	-0.0194	-0.0193	1.7257	1.7173															
	12		0.0035	0.0019	0.0011																						
103	2	10	0.601	-1.06	-0.00	-0.0906	2.1440	-0.0233	-0.0083	-0.0072	1.7919	1.5541															
	11		0.0061	-0.0001	0.0026	2.5595	0.8520	-0.0056	-0.0015	-0.0030	1.3432	2.6779															
	12		0.0040	0.0020	0.0006																						
103	3	10	0.601	-0.05	-0.00	-1.4432	3.0564	-0.0082	-0.0028	-0.0015	1.7329	0.9479															
	11		0.0036	-0.0010	0.0022	2.7280	0.6516	0.0115	0.0046	0.0026	2.0243	1.1337															
	12		0.0032	0.0017	0.0004																						
103	4	10	0.601	0.47	-0.00	-1.2170	2.9004	0.0055	0.0020	0.0035	1.8543	3.2038															
	11		0.0038	-0.0009	0.0022	3.0239	0.2994	0.0241	0.0090	0.0071	1.8733	1.4834															
	12		0.0023	0.0014	0.0001																						
103	5	10	0.600	0.99	-0.00	-4.8969	3.2671	0.0183	0.0065	0.0073	1.7805	2.0138															
	11		0.0016	-0.0016	0.0011	2.6543	0.2639	0.0351	0.0130	0.0110	1.8504	1.5711															
	12		0.0026	0.0014	0.0001																						

See Key →

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key									
103	6	10	0.601	5.14	-0.0000	29.0424	0.1266	0.0710	0.0248	0.0243	1.7476	1.7166
		11	-0.0004	-0.0025	-0.0000	11.9106	-19.9078	0.0857	0.0307	0.0286	1.7947	1.6759
		12	0.0002	0.0004	-0.0008							
103	7	10	0.601	6.24	-0.0011	-4.0809	2.9286	0.1665	0.0550	0.0581	1.6522	1.7466
		11	0.0018	-0.0015	0.0005	2.0476	0.7047	0.1752	0.0582	0.0607	1.6615	1.7332
		12	0.0039	0.0016	0.0005							
103	8	10	0.601	9.34	0.0002	31.8014	-3.6753	0.2639	0.0759	0.0940	1.4382	1.7820
		11	-0.0003	-0.0023	0.0004	1.8788	0.6184	0.2706	0.0775	0.0971	1.4320	1.7955
		12	0.0033	0.0012	0.0004							
103	9	10	0.599	12.47	0.0009	-8.4036	3.5919	0.3868	0.0827	0.1395	1.0690	1.8029
		11	0.0013	-0.0022	0.0000	1.8074	0.0024	0.3932	0.0821	0.1431	1.0446	1.8196
		12	0.0016	0.0005	0.0000							
103	10	10	0.600	-0.002	-0.0016	-2.9254	3.4550	-0.0046	-0.0016	-0.0004	1.7457	0.4658
		11	0.0024	-0.0014	0.0001	2.6791	0.2458	0.0122	0.0049	0.0030	1.7022	1.2402
		12	0.0028	0.0015	0.0001							
104	1	10	0.599	-3.10	-0.0025	-3.2609	5.9240	-0.0743	-0.0265	-0.0245	1.7016	1.6546
		11	0.0021	-0.0013	0.0029	2.1238	1.5481	-0.0531	-0.0180	-0.0185	1.7011	1.7441
		12	0.0095	0.0040	0.0029							
104	2	10	0.600	-1.05	-0.0016	-7.1158	6.3343	-0.0262	-0.0093	-0.0082	1.7764	1.5797
		11	0.0013	-0.0018	0.0015	2.3985	1.2726	-0.0035	-0.0006	-0.0023	0.8653	1.5277
		12	0.0060	0.0029	0.0015							
104	3	10	0.600	-0.03	-0.0007	8.9038	-2.1316	-0.0069	-0.0026	-0.0011	1.9044	0.5200
		11	0.0016	-0.0029	0.0015	2.2978	1.1726	0.0158	0.0062	0.0041	1.9869	1.3138
		12	0.0065	0.0030	0.0015							
104	4	10	0.599	0.46	-0.0006	3.9590	0.6725	0.0003	-0.0001	0.0012	-1.8495	17.3055
		11	0.0052	-0.0041	0.0001	2.7199	0.2162	0.0252	0.0096	0.0073	1.9172	1.4541
		12	0.0032	0.0017	0.0001							
104	5	10	0.600	1.91	-0.0005	5.3956	0.8622	0.0133	0.0044	0.0056	1.6697	2.1310
		11	0.0032	-0.0022	0.0009	2.5857	1.1445	0.0374	0.0140	0.0120	1.8723	1.6031
		12	0.0042	0.0022	0.0009							
104	6	10	0.600	3.07	-0.0009	3.9341	1.5487	0.0697	0.0241	0.0240	1.7344	1.7221
		11	0.0094	-0.0055	-0.0029	3.0168	0.0005	0.0885	0.0318	0.0294	1.7989	1.6628
		12	0.0021	0.0012	0.0000							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																			
104	7	10	0.600	6.18	-0.0009	-0.0002	-0.0009	5.4905	1.3907	0.1533	0.0512	0.0535	1.6703	1.7459							
		11	-0.0035	-0.0038	-0.0009	-0.0002	-0.0009	2.9977	-0.8765	0.1756	0.0582	0.0612	1.6584	1.7422							
		12	0.0015	0.0009	0.0019	0.0012	0.0019	4.7748	1.2645	0.2622	0.0758	0.0932	1.4435	1.7768							
104	8	10	0.600	9.30	-0.0042	0.0011	0.0012	1.6879	1.0886	0.2770	0.0780	0.0997	1.4090	1.8011							
		11	-0.0044	-0.0019	0.0019	0.0012	0.0012	4.7748	1.2645	0.2622	0.0758	0.0932	1.4435	1.7768							
		12	0.0057	0.0019	0.0019	0.0012	0.0012	1.6879	1.0886	0.2770	0.0780	0.0997	1.4090	1.8011							
104	9	10	0.598	12.46	-0.0045	0.0016	0.0016	4.9615	1.8615	0.3891	0.0826	0.1403	1.0615	1.8033							
		11	-0.0045	-0.0045	-0.0044	-0.01444	-0.01444	1.8149	-58.8931	0.2025	-0.0389	0.1466	-0.9615	3.6199							
		12	0.0122	0.0044	0.0044	-0.01444	-0.01444	4.9615	1.8615	0.3891	0.0826	0.1403	1.0615	1.8033							
104	10	10	0.600	-0.01	-0.0029	0.0005	0.0005	7.4515	-1.4274	-0.0055	-0.0021	-0.0008	1.9719	0.7698							
		11	-0.0019	-0.0029	0.0023	0.0008	0.0008	2.6019	0.9357	0.0183	0.0070	0.0048	1.9225	1.3175							
		12	0.0044	0.0023	0.0023	0.0008	0.0008	7.4515	-1.4274	-0.0055	-0.0021	-0.0008	1.9719	0.7698							
105	1	10	0.599	-3.17	-0.0028	0.0012	0.0012	2.0072	102.2556	-0.0830	-0.0300	-0.0277	1.8094	1.6692							
		11	0.0000	-0.0028	0.0097	0.0061	0.0061	2.0072	1.6703	-0.0391	-0.0129	-0.0142	1.6505	1.8155							
		12	0.0243	0.0097	0.0097	0.0061	0.0061	2.0072	1.6703	-0.0391	-0.0129	-0.0142	1.6505	1.8155							
105	2	10	0.600	-1.07	-0.0074	0.0051	0.0051	3.4893	0.9937	-0.0314	-0.0115	-0.0097	2.0403	1.5441							
		11	-0.0064	-0.0058	0.0074	0.0051	0.0051	2.0738	1.4334	0.0138	0.0056	0.0022	1.8309	0.8017							
		12	0.0180	0.0074	0.0074	0.0051	0.0051	3.4893	0.9937	-0.0314	-0.0115	-0.0097	2.0403	1.5441							
105	3	10	0.600	-0.05	-0.0069	0.0046	0.0046	2.8095	1.0027	-0.0212	-0.0080	-0.0065	1.8922	1.3054							
		11	-0.0131	-0.0074	0.0069	0.0046	0.0046	2.1411	1.4281	0.0250	0.0097	0.0065	1.9505	1.3770							
		12	0.0161	0.0069	0.0069	0.0046	0.0046	2.8095	1.0027	-0.0212	-0.0080	-0.0065	1.8922	1.3054							
105	4	10	0.600	0.46	-0.0084	0.0036	0.0036	2.6138	1.1588	-0.0116	-0.0045	-0.0015	1.9327	0.6746							
		11	-0.0162	-0.0084	0.0084	0.0036	0.0036	2.1400	1.2956	0.0351	0.0134	0.0106	1.9040	1.5131							
		12	0.0140	0.0060	0.0060	0.0036	0.0036	2.6138	1.1588	-0.0116	-0.0045	-0.0015	1.9327	0.6746							
105	5	10	0.600	1.00	-0.0103	0.0026	0.0026	2.3358	1.2846	-0.0007	-0.0009	0.0018	6.8337	1.0780							
		11	-0.0222	-0.0103	0.0051	0.0026	0.0026	2.1987	1.1465	0.0460	0.0172	0.0141	1.8746	1.5535							
		12	0.0116	0.0051	0.0051	0.0026	0.0026	2.3358	1.2846	-0.0007	-0.0009	0.0018	6.8337	1.0780							
105	6	10	0.601	3.08	-0.0124	0.0025	0.0025	2.2629	1.6487	0.0496	0.0164	0.0174	1.6567	1.7585							
		11	-0.0274	-0.0124	0.0040	0.0025	0.0025	2.2780	1.4174	0.0930	0.0338	0.0309	1.8191	1.6613							
		12	0.0088	0.0040	0.0040	0.0025	0.0025	2.2629	1.6487	0.0496	0.0164	0.0174	1.6567	1.7585							
105	7	10	0.600	6.17	-0.0067	0.0015	0.0015	2.7920	1.7349	0.1476	0.0493	0.0513	1.6712	1.7393							
		11	-0.0157	-0.0067	0.0027	0.0015	0.0015	2.0365	1.1299	0.1882	0.0612	0.0658	1.6281	1.7494							
		12	0.0068	0.0027	0.0027	0.0015	0.0015	2.7920	1.7349	0.1476	0.0493	0.0513	1.6712	1.7393							

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
105	8	10	0.600	9.28	0.00	5.1936	1.6840	0.2476	0.0733	0.0883	1.4617	1.7833						
		11	-0.0126	-0.0080	-0.0047	1.6685	1.4095	0.2915	0.0768	0.1052	1.3183	1.6051						
		12	0.0099	0.0033	0.0028													
105	9	10	0.600	12.42	0.00	4.3410	1.9713	0.3668	0.0818	0.1323	1.1155	1.8036						
		11	-0.0082	-0.0071	-0.0032	1.5005	0.9163	0.4114	0.0800	0.1500	0.9731	1.6238						
		12	0.0076	0.0022	0.0014													
105	10	10	0.600	-0.007	-0.0033	2.6071	1.0420	-0.0188	-0.0071	-0.0044	1.8950	1.1731						
		11	-0.0160	-0.0083	-0.0040	2.1179	1.2825	0.0259	0.0101	0.0071	1.9500	1.3835						
		12	0.0158	0.0066	0.0040													
106	11	10	0.802	-0.001	-0.0039	0.4772	2.3947	-0.0101	-0.0036	-0.0019	1.8044	0.9593						
		11	0.0081	0.0007	0.0039	6.8177	1.3376	-0.0061	-0.0016	-0.0013	1.3189	1.1103						
		12	0.0004	0.0006	0.0001													
106	12	10	0.799	-0.001	-0.0039	0.5307	2.3438	-0.0114	-0.0040	-0.0022	1.7857	0.9660						
		11	0.0084	0.0008	0.0039	11.6411	-26.0458	-0.0056	-0.0016	-0.0015	1.4587	1.3396						
		12	0.0000	0.0005	-0.0001													
107	1	10	0.798	0.001	-0.0040	0.6113	2.2461	-0.0219	-0.0079	-0.0053	1.8176	1.2161						
		11	0.0090	0.0011	0.0040	4.7680	-0.0021	-0.0167	-0.0055	-0.0043	1.6614	1.3083						
		12	0.0010	0.0009	-0.0000													
107	2	10	0.797	-0.001	-0.0040	0.5633	2.2914	-0.0208	-0.0076	-0.0052	1.8393	1.2493						
		11	0.0088	0.0010	0.0040	3.0168	0.0005	-0.0167	-0.0055	-0.0043	1.6614	1.3083						
		12	0.0017	0.0010	0.0000													
108	1	10	0.800	-0.003	-0.0027	2.8507	0.9395	-0.0207	-0.0083	-0.0054	2.0153	1.3069						
		11	-0.0147	-0.0080	-0.0050	2.1833	1.3736	0.0270	0.0109	0.0075	2.0250	1.3898						
		12	0.0184	0.0080	0.0050													
108	2	10	0.801	-0.003	-0.0025	2.8434	0.8854	-0.0204	-0.0083	-0.0056	2.0456	1.3890						
		11	-0.0142	-0.0082	-0.0051	2.1993	1.3821	0.0257	0.0105	0.0072	2.0442	1.4092						
		12	0.0187	0.0082	0.0051													
248	3	10	1.248	-3.07	-0.0039	0.1985	2.4816	-0.0786	-0.0285	-0.0256	1.8144	1.6301						
		11	0.0079	0.0023	0.0020	1.4800	1.2591	-0.0767	-0.0259	-0.0261	1.6924	1.7015						
		12	0.0080	0.0023	0.0020													
248	4	10	1.249	-1.03	-0.0039	-0.0452	2.3643	-0.0199	-0.0079	-0.0060	1.9789	1.5255						
		11	0.0083	-0.0000	0.0021	1.0403	1.2382	-0.0166	-0.0054	-0.0058	1.6302	1.7682						
		12	0.0086	0.0018	0.0021													

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
248	5	10	1.247	-0.001	-0.00	-0.0482	2.5431	0.0079	0.0021	0.0035	1.3768	2.2381						
	11	11	0.0072	-0.0000	0.0037	1.1091	1.2644	0.0104	0.0044	0.0025	1.1285	1.2318						
	12	12	0.0093	0.0020	0.0023													
248	6	10	1.249	0.46	-0.00	-0.0452	2.3643	0.0203	0.0069	0.0070	1.6990	1.7431						
	11	11	0.0083	-0.0000	0.0039	0.9233	1.2846	0.0235	0.0089	0.0067	1.9051	1.4427						
	12	12	0.0096	0.0017	0.0024													
248	7	10	1.249	0.97	-0.00	-0.0469	2.3699	0.0368	0.0134	0.0126	1.8340	1.7843						
	11	11	0.0080	-0.0000	0.0038	0.8173	1.2257	0.0406	0.0156	0.0124	1.9213	1.5323						
	12	12	0.0091	0.0015	0.0022													
248	8	10	1.249	3.07	-0.00	0.0260	2.8241	0.0992	0.0329	0.0337	1.6583	1.6975						
	11	11	0.0061	0.0000	0.0034	0.8409	1.2388	0.0980	0.0340	0.0324	1.7395	1.6560						
	12	12	0.0100	0.0016	0.0024													
248	9	10	1.248	6.16	-0.00	-2.2930	4.0395	0.2038	0.0548	0.0712	1.3463	1.7478						
	11	11	0.0034	-0.0015	0.0028	1.0515	1.2060	0.1986	0.0567	0.0692	1.4295	1.7419						
	12	12	0.0102	0.0021	0.0024													
248	10	10	1.249	9.25	-0.00	2.5868	-1.2257	0.3203	0.0700	0.1139	1.0935	1.7783						
	11	11	-0.0037	-0.0019	0.0009	1.3767	1.0016	0.3106	0.0726	0.1102	1.1685	1.7740						
	12	12	0.0089	0.0024	0.0018													
248	11	10	1.249	12.47	0.00	1.4865	0.8328	0.4368	0.0820	0.1565	0.9394	1.7915						
	11	11	-0.0126	-0.0037	-0.0021	2.3048	0.9746	0.4266	0.0834	0.1527	0.9783	1.7897						
	12	12	0.0074	0.0034	0.0014													
248	12	10	1.250	-0.04	-0.00	-0.1007	2.4033	0.0077	0.0020	0.0023	1.3413	1.9076						
	11	11	0.0083	-0.0001	0.0040	0.8641	1.2715	0.0102	0.0040	0.0023	1.9667	1.1357						
	12	12	0.0097	0.0016	0.0024													
249	1	10	1.248	-3.15	44.99	1.8960	1.5330	-0.0499	-0.0173	-0.0168	1.7354	1.6847						
	11	11	-0.0686	-0.0260	-0.0210	1.4286	1.6953	-0.0608	-0.0244	-0.0218	2.0096	1.7917						
	12	12	-0.0531	-0.0151	-0.0180													
249	2	10	1.247	-1.10	44.99	2.0005	1.2804	-0.0132	-0.0046	-0.0043	1.7415	1.6453						
	11	11	-0.0249	-0.0099	-0.0063	0.6943	1.6436	-0.0150	-0.0077	-0.0066	2.5757	2.2331						
	12	12	-0.0167	-0.0023	-0.0055													
249	3	10	1.248	0.00	44.99	3.7568	-1.4754	0.0089	0.0029	0.0028	1.6443	1.5957						
	11	11	-0.0031	-0.0023	0.0009	4.6914	-1.4367	0.0045	0.0022	-0.0001	0.2672	-0.1288						
	12	12	-0.0062	0.0058	0.0018													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
249	4	10	1.248	0.44	4.99	0.3696	3.2080	0.0178	0.0064	0.0058	1.8148	1.6352										
		11	0.0058	0.0004	0.0037	3.2261	1.5215	0.0143	0.0032	0.0031	1.1222	1.0868										
		12	0.0136	0.0088	0.0041																	
249	5	10	1.248	0.95	4.99	1.2293	2.3212	0.0275	0.0102	0.0087	1.8488	1.5780										
		11	0.0150	0.0036	0.0069	2.6421	1.5589	0.0234	0.0066	0.0059	1.4296	1.2603										
		12	0.0249	0.0131	0.0077																	
249	6	10	1.248	3.03	4.99	1.5925	1.8294	0.0717	0.0261	0.0239	1.8205	1.6686										
		11	0.0534	0.0170	0.0195	2.1089	1.6870	0.0593	0.0188	0.0180	1.5871	1.5195										
		12	0.0691	0.0291	0.0233																	
249	7	10	1.248	6.13	4.99	1.5831	1.7809	0.1536	0.0473	0.0538	1.5413	1.7509										
		11	0.1041	0.0329	0.0370	1.6047	1.7829	0.1064	0.0316	0.0350	1.4884	1.6472										
		12	0.1535	0.0492	0.0547																	
249	8	10	1.250	9.26	4.99	1.3460	1.8238	0.2576	0.0607	0.0924	1.1790	1.7943										
		11	0.1428	0.0384	0.0521	1.2194	1.8340	0.1451	0.0387	0.0504	1.3331	1.7363										
		12	0.2537	0.0618	0.0930																	
249	9	10	1.249	12.42	4.99	1.1962	1.8686	0.3648	0.0679	0.1330	0.9316	1.8232										
		11	0.1792	0.0428	0.0669	0.9624	1.8573	0.1808	0.0404	0.0655	1.1190	1.8112										
		12	0.3610	0.0695	0.1341																	
249	10	10	1.249	0.00	4.99	4.228	-1.4528	0.0090	0.0028	0.0030	1.5734	1.7070										
		11	-0.0027	-0.0024	0.0007	4.2834	1.4047	0.0044	0.0003	-0.0002	0.3850	-0.2511										
		12	0.0063	0.0054	0.0017																	
250	1	10	1.046	-3.16	4.99	1.6493	1.5720	-0.0576	-0.0205	-0.0193	1.7871	1.6788										
		11	-0.0674	-0.0222	-0.0212	1.3457	1.6713	-0.0564	-0.0206	-0.0209	1.8277	1.8593										
		12	-0.0608	-0.0163	-0.0203																	
250	2	10	1.048	-1.13	4.99	1.4766	1.2969	-0.0171	-0.0072	-0.0063	2.0982	1.8552										
		11	-0.0249	-0.0073	-0.0064	0.6905	1.6804	-0.0129	-0.0059	-0.0066	2.2817	2.5872										
		12	-0.0208	-0.0028	-0.0070																	
250	3	10	1.047	-0.01	4.99	0.3520	-2.2207	0.0029	0.0009	0.0006	-1.6014	1.1272										
		11	-0.0024	-0.0001	0.0010	29.9951	2.0910	0.0082	0.0010	0.0006	-0.6096	0.3895										
		12	0.0006	0.0036	0.0002																	
250	4	10	1.048	0.44	4.99	3.0202	3.0760	0.0118	0.0019	0.0038	0.8165	1.6246										
		11	0.0070	0.0028	0.0043	3.2184	1.5784	0.0163	0.0034	0.0033	0.6192	1.6234										
		12	0.0111	0.0071	0.0033																	

↔ See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																																							
250	5	10	1.044	0.095	44.99	1.7898	2.2398	0.0208	0.0048	0.0067	1.1599	1.6303	0.0166	0.0059	0.0074	1.4747	1.5911	0.0272	0.0068	0.0067	1.1599	1.2349	0.0205	0.0101	0.0065	2.4747	1.7898	2.2398	0.0208	0.0048	0.0067	1.1599	1.6303									
250	6	10	1.048	0.299	44.99	1.7405	1.7882	0.0672	0.0198	0.0222	1.4766	1.6574	0.0579	0.0201	0.0207	1.9555	1.6826	0.0705	0.0203	0.0212	1.4766	1.5093	0.0647	0.0253	0.0218	1.7405	1.7882	0.0672	0.0198	0.0222	1.4766	1.6574	0.0647	0.0253	0.0218	1.7405	1.7882	0.0672	0.0198	0.0222	1.4766	1.5093
250	7	10	1.046	0.607	44.99	1.3156	1.7484	0.1400	0.0449	0.0430	1.6044	1.7502	0.1240	0.0326	0.0433	1.7772	1.7484	0.1400	0.0449	0.0430	1.6044	1.6524	0.1386	0.0498	0.0492	1.3156	1.7484	0.1400	0.0449	0.0430	1.6044	1.7502	0.1386	0.0498	0.0492	1.3156	1.7484	0.1400	0.0449	0.0430	1.6044	1.6524
250	8	10	1.043	0.919	44.99	1.0433	1.7985	0.2327	0.0676	0.0609	1.4534	1.8104	0.1744	0.0364	0.0627	1.5240	1.8496	0.1756	0.0355	0.0609	1.4534	1.7358	0.2341	0.0713	0.0866	1.0433	1.7985	0.2327	0.0676	0.0609	1.4534	1.8104	0.2341	0.0713	0.0866	1.0433	1.7985	0.2327	0.0676	0.0609	1.4534	1.7358
250	9	10	1.050	12.30	44.99	0.8053	1.8339	0.3325	0.0839	0.1233	1.2618	1.8538	0.2255	0.0360	0.0819	1.3052	1.8917	0.2264	0.0351	0.0808	1.2618	1.7851	0.3342	0.0872	0.1264	0.8053	1.8339	0.3325	0.0839	0.1233	1.2618	1.8538	0.3342	0.0872	0.1264	0.8053	1.8339	0.3325	0.0839	0.1233	1.2618	1.7851
250	10	10	1.045	-0.002	44.99	0.7808	-0.8330	0.0026	-0.0009	0.0007	-1.7864	1.7624	-0.0032	-0.0005	0.0000	-22.6564	-0.0255	0.0095	-0.0014	0.0007	-1.7864	0.4037	-0.0007	0.0032	0.0000	0.7808	-0.8330	0.0026	-0.0009	0.0007	-1.7864	1.7624	-0.0007	0.0032	0.0000	0.7808	-0.8330	0.0026	-0.0009	0.0007	-1.7864	0.4037
251	1	10	1.046	-3.08	-0.00	0.5576	1.8948	-0.0881	-0.0296	-0.0267	1.6809	1.6774	0.0120	0.0013	0.0045	1.8707	0.9543	-0.0773	-0.0256	-0.0267	1.6809	1.7307	0.0054	0.0020	0.0010	0.5576	1.8948	-0.0881	-0.0296	-0.0267	1.6809	1.6774	0.0054	0.0020	0.0010	0.5576	1.8948	-0.0881	-0.0296	-0.0267	1.6809	1.6774
251	2	10	1.045	-1.06	-0.00	0.5716	1.8874	-0.0256	-0.0086	-0.0061	1.6916	1.5594	0.0117	0.0013	0.0044	1.9429	1.0081	-0.0151	-0.0046	-0.0061	1.6916	2.0433	0.0058	0.0022	0.0011	0.5716	1.8874	-0.0256	-0.0086	-0.0061	1.6916	1.5594	0.0058	0.0022	0.0011	0.5716	1.8874	-0.0256	-0.0086	-0.0061	1.6916	2.0433
251	3	10	1.047	-0.06	-0.00	0.6839	2.0385	0.0004	-0.0004	0.0005	-5.3861	6.2221	0.0114	0.0015	0.0046	1.9761	1.0879	0.0130	0.0041	0.0029	-5.3861	1.1351	0.0059	0.0023	0.0013	0.6839	2.0385	0.0004	-0.0004	0.0005	-5.3861	6.2221	0.0059	0.0023	0.0013	0.6839	2.0385	0.0004	-0.0004	0.0005	-5.3861	6.2221
251	4	10	1.048	0.45	-0.00	0.6227	2.0434	0.0128	0.0034	0.0050	1.3543	1.9614	0.0108	0.0013	0.0044	1.9428	0.9797	0.0265	0.0085	0.0073	1.3543	1.3829	0.0066	0.0025	0.0013	0.6227	2.0434	0.0128	0.0034	0.0050	1.3543	1.9614	0.0066	0.0025	0.0013	0.6227	2.0434	0.0128	0.0034	0.0050	1.3543	1.9614
251	5	10	1.048	0.97	-0.00	0.7004	1.9763	0.0304	0.0094	0.0107	1.5551	1.7644	0.0111	0.0015	0.0044	1.9435	1.1221	0.0422	0.0138	0.0123	1.5551	1.4645	0.0058	0.0022	0.0013	0.7004	1.9763	0.0304	0.0094	0.0107	1.5551	1.7644	0.0058	0.0022	0.0013	0.7004	1.9763	0.0304	0.0094	0.0107	1.5551	1.7644

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

251	6	10	1.047	3.05	-0.00	0.5665	1.9124	0.0962	0.0312	0.0320	1.6219	1.7073
		11	0.0098	0.0011	0.0037	1.8265	0.9630	0.1059	0.0346	0.0346	1.6371	1.6358
		12	0.0067	0.0024	0.0013							
251	7	10	1.046	6.13	-0.00	-0.4779	2.1589	0.2064	0.0622	0.0719	1.5083	1.7420
		11	0.0068	-0.0006	0.0029	1.8792	0.7223	0.2126	0.0641	0.0733	1.5078	1.7234
		12	0.0063	0.0023	0.0009							
251	8	10	1.045	9.20	-0.00	-2.4673	2.6454	0.3381	0.0848	0.1215	1.2552	1.7964
		11	0.0033	-0.0026	0.0028	1.6702	0.8265	0.3442	0.0872	0.1229	1.2671	1.7852
		12	0.0087	0.0029	0.0014							
251	9	10	1.044	12.39	-0.00	24.2287	-2.3731	0.4812	0.1007	0.1730	1.0469	1.8063
		11	-0.0010	-0.0051	0.0005	1.5601	0.9159	0.4798	0.1028	0.1730	1.0720	1.8028
		12	0.0092	0.0028	0.0017							
252	3	10	0.898	-3.08	-0.00	0.6804	2.6530	-0.0833	-0.0307	-0.0278	1.8465	1.6678
		11	0.0089	0.0012	0.0047	1.9407	0.5848	-0.0761	-0.0276	-0.0253	1.8164	1.6643
		12	0.0039	0.0015	0.0004							
252	4	10	0.898	-1.06	-0.00	0.6768	2.7644	-0.0234	-0.0084	-0.0072	1.8064	1.5391
		11	0.0080	0.0010	0.0044	2.1344	0.6416	-0.0159	-0.0051	-0.0056	1.6303	1.7633
		12	0.0036	0.0015	0.0004							
252	5	10	0.899	-0.04	-0.00	0.6387	2.7690	0.0043	0.0016	0.0028	1.8627	3.2077
		11	0.0074	0.0009	0.0041	2.2041	0.2938	0.0129	0.0048	0.0039	1.8804	1.5278
		12	0.0026	0.0011	0.0001							
252	6	10	0.901	0.44	-0.00	0.3739	3.3684	0.0155	0.0056	0.0074	1.8167	1.7985
		11	0.0059	0.0004	0.0039	2.1989	-0.2867	0.0234	0.0086	0.0074	1.8553	1.5852
		12	0.0026	0.0011	-0.0001							
252	7	10	0.898	1.00	-0.00	0.6768	2.7644	0.0304	0.0110	0.0110	1.8212	1.8183
		11	0.0080	0.0010	0.0044	2.0115	0.2422	0.0398	0.0148	0.0127	1.8386	1.6016
		12	0.0031	0.0012	0.0001							
252	8	10	0.899	3.07	-0.00	0.4411	3.1933	0.0948	0.0349	0.0329	1.8420	1.7348
		11	0.0064	0.0005	0.0041	1.9390	0.2597	0.0995	0.0370	0.0336	1.8597	1.6934
		12	0.0029	0.0011	0.0001							
252	9	10	0.899	6.11	-0.00	-0.4381	4.1045	0.2027	0.0682	0.0707	1.6836	1.7443
		11	0.0039	-0.0003	0.0032	1.7779	0.1796	0.2039	0.0694	0.0714	1.7028	1.7508
		12	0.0043	0.0015	0.0001							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																			
252	10	10	0.899	9.18	-0.00	4.7214	66.3743	0.3312	0.0970	0.1187	1.4651	1.7927	0.0001	-0.0017	0.0021	-54.7214	1.9367	0.3315	0.0970	0.1194	1.4640	1.6014
	11	11	0.0030	0.0011	-0.0001	1.9367	-0.2524	0.3315	0.0970	0.1194	1.4651	1.7927	0.0030	0.0011	-0.0001	1.9367	-0.2524	0.3315	0.0970	0.1194	1.4640	1.6014
252	11	10	0.901	12.30	0.00	2.6627	-0.0122	0.4259	0.0679	0.1505	0.7979	1.7665	0.0059	-0.0031	0.0000	1.5711	-0.2302	0.4305	0.0710	0.1532	0.8245	1.7794
	11	11	0.0052	0.0008	-0.0001	1.5711	-0.2302	0.4305	0.0710	0.1532	0.8245	1.7794	0.0052	0.0008	-0.0001	1.5711	-0.2302	0.4305	0.0710	0.1532	0.8245	1.7794
252	12	10	0.899	-0.07	-0.00	0.7635	2.6067	0.0018	0.0007	0.0015	1.9804	4.1082	0.0088	0.0013	0.0045	2.1326	0.4268	0.0106	0.0041	0.0030	1.9338	1.4245
	11	11	0.0036	0.0015	0.0003	2.1326	0.4268	0.0106	0.0041	0.0030	1.9338	1.4245	0.0036	0.0015	0.0003	2.1326	0.4268	0.0106	0.0041	0.0030	1.9338	1.4245
253	1	10	0.901	-3.15	44.99	1.6449	1.5152	-0.0506	-0.0204	-0.0172	2.0156	1.7067	0.0692	-0.0227	-0.0209	1.4806	1.6575	-0.0551	-0.0210	-0.0200	1.9055	1.8162
	11	11	0.0623	-0.0183	-0.0205	1.4806	1.6575	-0.0551	-0.0210	-0.0200	1.9055	1.8162	0.0623	-0.0183	-0.0205	1.4806	1.6575	-0.0551	-0.0210	-0.0200	1.9055	1.8162
253	2	10	0.901	-1.12	44.99	1.3855	1.1774	-0.0129	-0.0063	-0.0046	2.4693	1.8181	0.0284	-0.0078	-0.0066	1.9183	1.7085	-0.0110	-0.0052	-0.0049	2.3713	2.2608
	11	11	0.0284	-0.0044	-0.0082	1.9183	1.7085	-0.0110	-0.0052	-0.0049	2.3713	2.2608	0.0284	-0.0044	-0.0082	1.9183	1.7085	-0.0110	-0.0052	-0.0049	2.3713	2.2608
253	3	10	0.902	-0.02	44.99	0.9517	-1.6747	0.0052	0.0001	0.0012	0.1704	1.4952	0.0037	0.0007	0.0012	-9.5192	-1.6747	0.0078	0.0001	0.0012	0.8461	0.7757
	11	11	0.0037	0.0034	-0.0004	-9.5192	-1.6747	0.0078	0.0001	0.0012	0.8461	0.7757	0.0037	0.0034	-0.0004	-9.5192	-1.6747	0.0078	0.0001	0.0012	0.8461	0.7757
253	4	10	0.898	0.40	44.99	4.3992	4.5090	0.0133	0.0029	0.0043	1.1098	1.6466	0.0039	0.0034	0.0035	4.5313	1.3710	0.0159	0.0043	0.0041	1.3544	1.2909
	11	11	0.0039	0.0034	0.0035	4.5313	1.3710	0.0159	0.0043	0.0041	1.3544	1.2909	0.0039	0.0034	0.0035	4.5313	1.3710	0.0159	0.0043	0.0041	1.3544	1.2909
253	5	10	0.899	1.43	44.99	2.2887	2.1643	0.0352	0.0109	0.0117	1.5522	1.6676	0.0228	0.0104	0.0098	2.6348	1.6195	0.0388	0.0126	0.0117	1.6306	1.5107
	11	11	0.0228	0.0135	0.0083	2.6348	1.6195	0.0388	0.0126	0.0117	1.6306	1.5107	0.0228	0.0135	0.0083	2.6348	1.6195	0.0388	0.0126	0.0117	1.6306	1.5107
253	6	10	0.899	0.91	44.99	3.5559	2.5106	0.0239	0.0068	0.0073	1.4343	1.6316	0.0132	0.0067	0.0066	3.0555	1.6260	0.0274	0.0083	0.0073	1.5135	1.5321
	11	11	0.0132	0.0101	0.0053	3.0555	1.6260	0.0274	0.0083	0.0073	1.5135	1.5321	0.0132	0.0101	0.0053	3.0555	1.6260	0.0274	0.0083	0.0073	1.5135	1.5321
253	7	10	0.898	2.97	44.99	2.0625	1.8713	0.0687	0.0225	0.0230	1.6407	1.6749	0.0526	0.0217	0.0197	2.1469	1.7335	0.0648	0.0218	0.0204	1.6848	1.5731
	11	11	0.0526	0.0259	0.0209	2.1469	1.7335	0.0648	0.0218	0.0204	1.6848	1.5731	0.0526	0.0217	0.0197	2.1469	1.7335	0.0648	0.0218	0.0204	1.6848	1.5731
253	8	10	0.898	6.04	44.99	1.8071	1.7630	0.1427	0.0475	0.0496	1.6644	1.7389	0.1094	0.0395	0.0386	1.8840	1.7753	0.1190	0.0496	0.0497	1.6644	1.7389
	11	11	0.1094	0.0501	0.0472	1.8840	1.7753	0.1190	0.0496	0.0497	1.6644	1.7389	0.1094	0.0395	0.0386	1.8840	1.7753	0.1190	0.0496	0.0497	1.6644	1.7389
253	8	12	0.1331	0.0501	0.0472	1.8840	1.7753	0.1190	0.0496	0.0497	1.6644	1.7389	0.1331	0.0501	0.0472	1.8840	1.7753	0.1190	0.0496	0.0497	1.6644	1.7389

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
253	9	10	0.1889	0.0541	9.113	4.499	1.6213	1.7721	0.2311	0.0705	0.0830	1.5259	1.7964	
		11	0.2241	0.0732	0.0541	0.0591	1.6348	1.8540	0.1718	0.0524	0.0593	1.5254	1.7272	
		12			0.0732	0.0831								
253	10	10	0.900	0.0696	12.24	4.499	1.4619	1.7987	0.3275	0.0897	0.1208	1.3702	1.8449	
		11	0.2296	0.0696	0.0696	0.0826	1.0473	1.8681	0.2211	0.0661	0.0792	1.4965	1.7930	
		12	0.3325	0.0696	0.0696	0.1242								
253	11	10	0.900	0.0010	-0.01	4.499	-2.2435	-2.5771	0.0052	0.0001	0.0016	0.1685	1.7998	
		11	-0.0024	0.0027	0.0010	0.0012	-3.2922	1.0786	0.0093	0.0018	0.0016	0.1685	1.7998	
		12	-0.0042	0.0027	0.0027	-0.0009						0.1685	1.7998	
254	1	10	0.799	-0.0209	-3.19	4.499	1.6789	1.5651	-0.0479	-0.0191	-0.0166	1.9918	1.7320	
		11	-0.0623	-0.0174	-0.0174	-0.0195	1.5022	1.6471	-0.0517	-0.0192	-0.0186	1.8607	1.8083	
		12	-0.0582	-0.0174	-0.0174	-0.0191								
254	2	10	0.800	-0.0054	-1.12	4.499	1.5063	1.2709	-0.0137	-0.0064	-0.0049	2.3394	1.7915	
		11	-0.0213	-0.0036	-0.0054	-0.0054	0.9038	1.7480	-0.0097	-0.0045	-0.0048	2.3254	2.5119	
		12	-0.0202	-0.0036	-0.0036	-0.0070								
254	3	10	0.801	0.0030	-0.02	4.499	-7.4032	-10.3738	0.0055	0.0005	0.0016	0.5041	1.5033	
		11	-0.0009	0.0030	0.0030	0.0014	-10.9805	-2.7182	0.0098	0.0024	0.0016	1.2392	0.9554	
		12	-0.0013	0.0030	0.0030	-0.0007								
254	4	10	0.801	0.0029	0.40	4.499	3.8823	3.6979	0.0144	0.0036	0.0045	1.2726	1.5584	
		11	0.0051	0.0064	0.0029	0.0038	3.9091	1.4510	0.0196	0.0059	0.0048	1.5085	1.2445	
		12	0.0082	0.0064	0.0064	0.0024								
254	5	10	0.799	0.0096	0.91	4.499	2.2894	2.3511	0.0249	0.0075	0.0080	1.5167	1.6067	
		11	0.0141	0.0096	0.0096	0.0066	2.8435	1.5790	0.0287	0.0093	0.0081	1.6226	1.4207	
		12	0.0169	0.0096	0.0096	0.0053								
254	6	10	0.800	0.0207	2.97	4.499	2.0102	1.8101	0.0658	0.0215	0.0220	1.6376	1.6733	
		11	0.0514	0.0246	0.0207	0.0186	2.0574	1.6996	0.0628	0.0216	0.0196	1.7191	1.5668	
		12	0.0604	0.0246	0.0246	0.0205								
254	7	10	0.799	0.0508	9.16	4.499	1.6275	1.7655	0.2171	0.0630	0.0782	1.4513	1.8016	
		11	0.1561	0.0650	0.0508	0.0551	1.5108	1.8528	0.1557	0.0486	0.0531	1.5611	1.7052	
		12	0.2153	0.0650	0.0650	0.0798								
254	8	10	0.796	0.0722	12.30	4.499	1.5076	1.7899	0.3145	0.0712	0.1154	1.1321	1.8350	
		11	0.2078	0.0722	0.0722	0.0744	1.1566	1.8934	0.2059	0.0602	0.0725	1.4626	1.7625	
		12	0.3122	0.0722	0.0722	0.1192								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key																							
254	9	10	0.799	-0.009	0.0031	44.99	-3.9657	-6.1960	0.0036	-0.0002	0.0011	-0.3651	1.6073	11	0.0011	0.0009	0.0031	44.99	-3.9657	-6.1960	0.0036	-0.0002	0.0011	-0.3651	1.6073
255	1	10	0.798	-3.12	0.0013	-0.00	0.6242	2.1035	-0.0832	-0.0299	-0.0275	1.7993	1.6577	11	0.0105	0.0010	0.0002	0.0044	0.6242	2.1035	-0.0832	-0.0299	-0.0275	1.7993	1.6577
255	2	10	0.799	-1.04	0.0019	-0.00	0.8239	1.9694	-0.0229	-0.0061	-0.0071	1.7700	1.5502	11	0.0118	0.0016	0.0007	0.0046	0.8239	1.9694	-0.0229	-0.0061	-0.0071	1.7700	1.5502
255	3	10	0.799	-0.04	0.0017	-0.00	0.7513	1.8103	0.0003	0.0002	0.0009	3.3750	14.7829	11	0.0115	0.0015	0.0005	0.0041	0.7513	1.8103	0.0003	0.0002	0.0009	3.3750	14.7829
255	4	10	0.799	0.42	0.0014	-0.00	0.8547	1.8877	0.0143	0.0052	0.0055	1.8183	1.4785	11	0.0120	0.0014	0.0006	0.0045	0.8547	1.8877	0.0143	0.0052	0.0055	1.8183	1.4785
255	5	10	0.800	1.00	0.0018	-0.00	0.8534	1.8351	0.0319	0.0115	0.0110	1.8059	1.7314	11	0.0120	0.0018	0.0008	0.0044	0.8534	1.8351	0.0319	0.0115	0.0110	1.8059	1.7314
255	6	10	0.799	3.05	0.0016	-0.00	0.8328	2.0466	0.0901	0.0323	0.0306	1.7942	1.6460	11	0.0111	0.0016	0.0007	0.0045	0.8328	2.0466	0.0901	0.0323	0.0306	1.7942	1.6460
255	7	10	0.798	6.13	0.0015	-0.00	0.2260	2.2002	0.1923	0.0617	0.0671	1.6051	1.7462	11	0.0074	0.0015	0.0003	0.0032	0.2260	2.2002	0.1923	0.0617	0.0671	1.6051	1.7462
255	8	10	0.798	9.21	0.0011	-0.00	0.0186	2.5676	0.3113	0.0769	0.1111	1.2350	1.7866	11	0.0066	0.0011	0.0002	0.0034	0.0186	2.5676	0.3113	0.0769	0.1111	1.2350	1.7866
255	9	10	0.798	12.37	0.0016	0.00	6.0783	-1.5959	0.4308	0.0728	0.1531	0.8455	1.7767	11	0.0019	0.0016	0.0005	0.0006	6.0783	-1.5959	0.4308	0.0728	0.1531	0.8455	1.7767
255	10	10	0.798	-0.05	0.0015	-0.00	0.7223	2.0902	0.0050	0.0016	0.0021	1.6500	2.1034	11	0.0105	0.0015	0.0008	0.0044	0.7223	2.0902	0.0050	0.0016	0.0021	1.6500	2.1034
		12	0.0041	0.0017	0.0008	0.0008	2.1765	1.0818	0.0133	0.0047	0.0033	1.7772	2.1700	12	0.0041	0.0017	0.0008	0.0008	2.1765	1.0818	0.0133	0.0047	0.0033	1.7772	2.1700

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																						
256	4	10	0.601	-3.06	0.0037	0.5653	2.1931	-0.0722	-0.0256	-0.0239	1.7742	1.6603												
		11	0.0085	0.0009	0.0005	0.5374	1.4286	-0.0653	-0.0229	-0.0220	1.7404	1.6750												
		12	-0.0019	-0.0002	-0.0005																			
256	5	10	0.602	-1.06	0.0029	0.1956	2.2704	-0.0209	-0.0070	-0.0061	1.6927	1.4608												
		11	0.0064	0.0002	0.0015	1.2546	1.5607	-0.0117	-0.0036	-0.0045	1.5615	1.9286												
		12	-0.0049	-0.0012	-0.0015																			
256	6	10	0.600	-0.04	0.0009	0.1261	3.6071	0.0081	0.0032	0.0039	1.9849	2.4533												
		11	0.0056	0.0001	0.0029	0.4178	3.1614	0.0145	0.0057	0.0040	1.9627	1.3820												
		12	-0.0011	-0.0000	-0.0006																			
256	7	10	0.600	0.45	0.0000	0.5923	1.9153	0.0128	0.0049	0.0055	1.9221	2.1552												
		11	0.0091	0.0010	0.0034	3.0168	0.0005	0.0222	0.0086	0.0069	1.9432	1.5563												
		12	0.0013	0.0008	0.0000																			
256	8	10	0.600	0.98	0.0009	0.6077	2.1058	0.0300	0.0109	0.0106	1.8164	1.7744												
		11	0.0079	0.0009	0.0033	2.9791	-1.7284	0.0366	0.0137	0.0119	1.8708	1.6231												
		12	0.0008	0.0004	-0.0002																			
256	9	10	0.600	3.06	0.0009	0.2229	3.3892	0.0895	0.0319	0.0314	1.7842	1.7323												
		11	0.0058	0.0002	0.0029	0.9230	3.3892	0.0940	0.0319	0.0314	1.6064	1.6727												
		12	-0.0022	-0.0004	-0.0015																			
256	10	10	0.601	6.14	0.0009	0.2016	2.4864	0.1808	0.0591	0.0634	1.6339	1.7532												
		11	0.0064	0.0002	0.0032	0.6151	20.2751	0.1837	0.0605	0.0647	1.6469	1.7616												
		12	-0.0002	0.0000	-0.0009																			
256	11	10	0.602	9.19	0.0009	0.2229	3.3892	0.0895	0.0319	0.0314	1.7842	1.7323												
		11	0.0017	-0.0010	0.0013	0.9644	4.4633	0.2895	0.0766	0.1040	1.5232	1.7972												
		12	-0.0015	-0.0001	-0.0013	0.6024	4.4633	0.2871	0.0774	0.1039	1.5479	1.8103												
256	12	10	0.600	12.34	0.0009	0.2016	2.4864	0.1808	0.0591	0.0634	1.6339	1.7532												
		11	0.0000	-0.0019	0.0026	1.3370	2.9420	0.4050	0.0811	0.1468	1.0019	1.8298												
		12	-0.0045	-0.0012	-0.0026																			
256	13	10	0.600	0.00	0.0009	0.3645	2.4455	0.0050	0.0019	0.0029	1.9236	2.9473												
		11	0.0068	0.0005	0.0006	0.3645	2.8365	0.0122	0.0049	0.0037	2.0023	1.9279												
		12	-0.0012	0.0000	-0.0006																			
257	1	10	0.600	-3.13	0.0009	1.6022	1.5452	-0.0454	-0.0173	-0.0153	1.9703	1.6823												
		11	0.0623	-0.0193	0.0192	1.4545	1.6201	-0.0503	-0.0183	-0.0182	1.8218	1.6128												
		12	-0.0591	-0.0172	-0.0191																			

See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key													
257	2	10	0.600	-1.07	44.99	1.3921	1.2675	-0.0080	-0.0043	-0.0022	2.6770	3.4163				
		11	-0.0224	-0.0062	-0.0037	0.9789	1.5916	-0.0048	-0.0026	-0.0031	2.6633	3.2523				
		12	-0.0237	-0.0046	-0.0075	0.0075										
257	3	10	0.600	0.02	44.99	-1.0283	-1.3860	0.0131	0.0031	0.0047	1.1953	1.7840				
		11	-0.0031	0.0006	0.0008	-0.4848	1.3775	0.0168	0.0049	0.0040	1.4733	1.1918				
		12	-0.0088	0.0008	-0.0023	-0.0023										
257	4	10	0.600	0.44	44.99	3.3958	3.4345	0.0161	0.0041	0.0053	1.2947	1.7186				
		11	0.0055	0.0037	0.0038	3.6083	2.3193	0.0207	0.0065	0.0056	1.5796	1.3696				
		12	0.0024	0.0046	0.0011	9.6083										
257	5	10	0.599	0.97	44.99	2.5476	2.4934	0.0268	0.0081	0.0092	1.5144	1.7305				
		11	0.0118	0.0060	0.0059	3.6549	1.8350	0.0302	0.0099	0.0084	1.6489	1.3994				
		12	0.0099	0.0072	0.0036	2.0501	1.8503	0.0685	0.0222	0.0238	1.6220	1.7367				
257	6	10	0.600	3.02	44.99	2.1044	1.7676	0.0641	0.0224	0.0206	1.7471	1.6102				
		11	0.0473	0.0194	0.0175	2.0501	1.8503	0.0685	0.0222	0.0238	1.6220	1.7367				
		12	0.0483	0.0203	0.0171	2.1044	1.7676	0.0641	0.0224	0.0206	1.7471	1.6102				
257	7	10	0.600	6.08	44.99	1.8837	1.7439	0.1327	0.0431	0.0468	1.6235	1.7624				
		11	0.0986	0.0371	0.0343	1.8405	1.8134	0.1077	0.0368	0.0361	1.7118	1.6768				
		12	0.1150	0.0423	0.0417	1.8405	1.8134	0.1077	0.0368	0.0361	1.7118	1.6768				
257	8	10	0.600	9.18	44.99	1.6844	1.7431	0.2133	0.0637	0.0767	1.4931	1.7991				
		11	0.1443	0.0486	0.0503	1.6571	1.8723	0.1562	0.0496	0.0537	1.5885	1.7198				
		12	0.1875	0.0613	0.0702	1.6571	1.8723	0.1562	0.0496	0.0537	1.5885	1.7198				
257	9	10	0.600	12.27	44.99	1.5475	1.7727	0.2895	0.0743	0.1076	1.2832	1.8594				
		11	0.1896	0.0586	0.0672	1.5193	1.9225	0.1884	0.0559	0.0664	1.4859	1.7644				
		12	0.2821	0.0744	0.1085	1.5193	1.9225	0.1884	0.0559	0.0664	1.4859	1.7644				
257	10	10	0.600	0.02	44.99	28.0636	28.3170	0.0070	0.0009	0.0025	0.6961	1.8244				
		11	0.0003	0.0019	0.0019	-1.4043	0.9017	0.0115	0.0032	0.0024	1.4231	1.0840				
		12	-0.0061	0.0017	-0.0011	-1.4043	0.9017	0.0115	0.0032	0.0024	1.4231	1.0840				
259	3	10	1.251	-3.10	-0.00	0.2694	3.1145	-0.0789	-0.0284	-0.0259	1.8037	1.6461				
		11	0.0061	0.0022	0.0018	1.4680	1.2020	-0.0761	-0.0255	-0.0263	1.6759	1.7304				
		12	0.0075	0.0022	0.0018	1.4680	1.2020	-0.0761	-0.0255	-0.0263	1.6759	1.7304				
259	4	10	1.248	-0.03	-0.00	0.6640	2.6987	0.0083	0.0020	0.0033	1.2558	2.0014				
		11	0.0075	0.0031	0.0040	1.5972	1.1485	0.0102	0.0049	0.0022	1.4139	1.0938				
		12	0.0098	0.0031	0.0022	1.5972	1.1485	0.0102	0.0049	0.0022	1.4139	1.0938				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

259	5	10	1.249	0.0002	0.98	-0.00	0.1898	3.1552	0.0375	0.0132	0.0128	1.7673	1.7144
		11	0.0062	0.0027	0.0029	0.0039	1.3802	1.1321	0.0393	0.0157	0.0120	1.9983	1.5340
		12	0.0099	0.0027	0.0022	0.0022							
259	6	10	1.248	0.0000	3.08	-0.00	0.0459	3.5164	0.0982	0.0323	0.0334	1.6453	1.7000
		11	0.0046	0.0026	0.0032	0.0024	1.2837	1.2042	0.0958	0.0342	0.0316	1.7854	1.6492
		12	0.0103	0.0026	0.0024	0.0024							
259	7	10	1.249	6.15	0.00	-0.00	-5.5120	10.3449	0.2057	0.0543	0.0717	1.3203	1.7447
		11	0.0012	-0.0013	0.0026	0.0024	1.4726	1.0729	0.1983	0.0566	0.0684	1.4285	1.7260
		12	0.0115	0.0034	0.0024	0.0024							
259	8	10	1.250	9.27	0.00	-0.00	2.1371	-0.7407	0.3200	0.0697	0.1135	1.0897	1.7736
		11	-0.0062	-0.0026	0.0009	0.0009	1.7141	0.9469	0.3095	0.0723	0.1094	1.1682	1.7682
		12	0.0089	0.0030	0.0016	0.0016							
259	9	10	1.248	12.48	0.00	0.00	1.6831	0.7245	0.4346	0.0817	0.1549	0.9400	1.7821
		11	-0.0145	-0.0049	-0.0021	-0.0021	2.0397	0.8418	0.4234	0.0828	0.1512	0.9787	1.7863
		12	0.0087	0.0035	0.0014	0.0014							
259	10	10	1.250	-0.05	0.00	-0.00	0.0840	2.7141	0.0062	0.0016	0.0025	1.3023	2.0074
		11	0.0078	0.0001	0.0042	0.0042	1.1095	1.2178	0.0098	0.0040	0.0020	2.0715	1.0219
		12	0.0102	0.0022	0.0024	0.0024							
260	1	10	1.248	-3.11	44.99	44.99	1.8933	1.5283	-0.0490	-0.0170	-0.0167	1.7326	1.7096
		11	-0.0683	-0.0258	-0.0208	-0.0208	1.3524	1.7015	-0.0561	-0.0238	-0.0207	2.1209	1.8497
		12	-0.0525	-0.0142	-0.0178	-0.0178							
260	2	10	1.249	0.04	44.99	44.99	3.3574	-1.0331	0.0091	0.0032	0.0028	1.7620	1.5580
		11	-0.0044	-0.0029	0.0009	0.0009	5.0998	1.2652	0.0044	-0.0004	-0.0002	-0.4745	-0.2513
		12	0.0057	0.0058	0.0014	0.0014							
260	3	10	1.250	1.00	44.99	44.99	1.2295	2.4041	0.0288	0.0106	0.0091	1.8473	1.5877
		11	0.0154	0.0037	0.0074	0.0074	2.7643	1.5608	0.0259	0.0065	0.0064	1.2596	1.2409
		12	0.0244	0.0135	0.0076	0.0076							
260	4	10	1.250	3.06	44.99	44.99	1.5966	1.8650	0.0725	0.0265	0.0241	1.8269	1.6607
		11	0.0529	0.0169	0.0197	0.0197	2.1137	1.6781	0.0623	0.0189	0.0187	1.5203	1.5074
		12	0.0710	0.0300	0.0238	0.0238							
260	5	10	1.249	6.18	44.99	44.99	1.5753	1.7788	0.1533	0.0480	0.0532	1.5665	1.7359
		11	0.1065	0.0335	0.0379	0.0379	1.6245	1.7735	0.1077	0.0314	0.0353	1.4585	1.6406
		12	0.1537	0.0499	0.0545	0.0545							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																	
260	6	10	1.248	9.30	44.99	1.3273	1.8446	0.2527	0.0601	0.0907	1.1897	1.7941								
		11	0.1464	0.0388	0.0540	1.2268	1.8323	0.1490	0.0378	0.0515	1.2708	1.7208								
		12	0.2525	0.0619	0.0925															
260	7	10	1.250	12.45	44.99	1.1850	1.8828	0.3619	0.0674	0.1317	0.9311	1.8193								
		11	0.1792	0.0424	0.0675	0.9769	1.8535	0.1858	0.0401	0.0671	1.0800	1.8057								
		12	0.3573	0.0698	0.1324															
260	8	10	1.249	0.02	44.99	3.5121	-0.7403	0.0091	0.0030	0.0027	1.6671	1.5044								
		11	-0.0046	-0.0032	0.0006	5.6486	1.3346	0.0075	0.0004	0.0004	0.3214	0.2945								
		12	0.0054	0.0061	0.0014															
261	4	10	0.898	-3.14	44.99	1.6365	1.5419	-0.0490	-0.0197	-0.0168	2.0141	1.7183								
		11	-0.0687	-0.0225	-0.0212	1.4698	1.6162	-0.0539	-0.0206	-0.0199	1.9088	1.8472								
		12	-0.0657	-0.0193	-0.0212															
261	5	10	0.898	0.01	44.99	0.0633	0.2128	0.0084	0.0010	0.0023	0.6238	1.3904								
		11	-0.0065	-0.0000	-0.0002	-1.7392	1.1764	0.0107	0.0024	0.0019	1.1413	0.9190								
		12	-0.0058	0.0020	-0.0013															
261	6	10	0.899	0.97	44.99	2.6993	2.5898	0.0255	0.0073	0.0082	1.4469	1.8255								
		11	0.0125	0.0067	0.0064	3.1248	1.6287	0.0276	0.0084	0.0076	1.5247	1.3779								
		12	0.0155	0.0097	0.0050															
261	7	10	0.899	3.01	44.99	2.0862	1.8599	0.0705	0.0232	0.0234	1.6491	1.6612								
		11	0.0516	0.0215	0.0192	2.1371	1.7210	0.0653	0.0219	0.0203	1.6799	1.5595								
		12	0.0585	0.0250	0.0201															
261	8	10	0.898	6.08	44.99	1.7833	1.7560	0.1458	0.0487	0.0510	1.6722	1.7496								
		11	0.1116	0.0398	0.0392	1.8818	1.8096	0.1205	0.0388	0.0403	1.6103	1.6735								
		12	0.1319	0.0496	0.0477															
261	9	10	0.899	9.18	45.00	1.6271	1.7668	0.2326	0.0707	0.0835	1.5202	1.7970								
		11	0.1632	0.0531	0.0576	1.6374	1.8533	0.1702	0.0520	0.0588	1.5277	1.7282								
		12	0.2194	0.0718	0.0813															
261	10	10	0.899	12.27	45.00	1.4773	1.8115	0.3296	0.0898	0.1221	1.3627	1.8521								
		11	0.2253	0.0665	0.0816	1.0442	1.6745	0.2224	0.0669	0.0793	1.5038	1.7844								
		12	0.3297	0.0688	0.1236															
261	11	10	0.900	0.02	44.99	-1.0794	-1.4185	0.0059	0.0004	0.0018	0.3583	1.5660								
		11	-0.0039	0.0008	0.0011															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
			12	-0.0058	0.0020	-0.0016	-1.7542	1.4444	0.0009	0.0018	0.0015	1.0144	0.0427							
262	1	10	11	12	0.900	-0.0005	0.4430	2.5749	-0.0795	-0.0294	-0.0266	1.8479	1.6719							
					0.0077	0.0000	3.0168	0.0005	-0.0750	-0.0270	-0.0251	1.8028	1.6730							
					0.0012	0.0000														
262	2	10	11	12	0.901	-0.0002	0.7806	2.2870	0.0054	0.0018	0.0028	1.7073	2.5517							
					0.0093	0.0014	2.4430	0.4174	0.0110	0.0043	0.0033	1.9753	1.5095							
					0.0018	0.0000														
262	3	10	11	12	0.899	0.0004	0.3635	2.9830	0.0342	0.0123	0.0121	1.8013	1.7746							
					0.0059	0.0005	3.0168	0.0005	0.0400	0.0151	0.0127	1.8936	1.5899							
					0.0008	0.0005														
262	4	10	11	12	0.901	0.0008	0.5353	2.5198	0.0961	0.0353	0.0328	1.8386	1.7068							
					0.0075	0.0008	2.9977	-0.8765	0.0998	0.0370	0.0334	1.8556	1.6761							
					0.0008	0.0005														
262	5	10	11	12	0.900	0.0011	0.4317	2.8410	0.2065	0.0691	0.0719	1.6729	1.7420							
					0.0064	0.0005	2.1317	0.3200	0.2038	0.0690	0.0715	1.6927	1.7542							
					0.0024	0.0010														
262	6	10	11	12	0.901	0.0007	-4.6205	8.1788	0.3365	0.0977	0.1208	1.4517	1.7960							
					0.0115	0.0007	1.6413	0.0026	0.3352	0.0972	0.1201	1.4589	1.8025							
					0.0023	0.0007														
262	7	10	11	12	0.900	0.0029	2.8160	0.1365	0.4274	0.0678	0.1508	0.7936	1.7640							
					0.0052	0.0007	1.4236	-0.2790	0.4319	0.0712	0.1540	0.8252	1.7825							
					0.0027	0.0007														
262	8	10	11	12	0.902	0.0008	0.5607	2.5358	0.0066	0.0023	0.0032	1.7834	2.4510							
					0.0072	0.0006	4.4589	-1.0431	0.0119	0.0047	0.0034	1.9720	1.4500							
					0.0007	0.0006														
327	3	10	11	12	1.248	0.0014	0.0271	2.8648	-0.0627	-0.0229	-0.0206	1.8301	1.6477							
					0.0074	0.0026	1.7247	0.9393	-0.0569	-0.0188	-0.0202	1.6529	1.7746							
					0.0078	0.0026														
327	4	10	11	12	1.249	0.0003	0.1037	2.9862	0.0183	0.0059	0.0058	1.6324	1.5915							
					0.0065	0.0028	1.4835	1.1145	0.0220	0.0090	0.0055	2.0407	1.2599							
					0.0095	0.0028														
327	5	10			1.249	0.99														

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
11	11	0.0051	-0.0002	0.0034	-0.2367	3.3601	0.0409	0.0146	0.0136	1.7874	1.6696							
12	12	0.0116	0.0034	0.0026	1.4932	1.1564	0.0419	0.0169	0.0126	2.0158	1.5073							
327	6	1.249	3.10	-0.00	0.0374	3.2192	0.0934	0.0308	0.0318	1.6499	1.7024							
11	11	0.0048	0.0000	0.0031	1.3190	1.1840	0.0925	0.0329	0.0301	1.7830	1.6305							
12	12	0.0113	0.0030	0.0026	1.3190	1.1840	0.0925	0.0329	0.0301	1.7830	1.6305							
327	7	1.249	6.26	-0.00	3.3407	9.9578	0.1966	0.0541	0.0686	1.3769	1.7453							
11	11	0.0010	-0.0007	0.0021	1.1915	1.1202	0.1900	0.0558	0.0655	1.4686	1.7241							
12	12	0.0110	0.0026	0.0024	1.1915	1.1202	0.1900	0.0558	0.0655	1.4686	1.7241							
327	8	1.249	9.37	-0.00	1.7539	-0.7027	0.3115	0.0693	0.1105	1.1122	1.7734							
11	11	-0.0049	-0.0017	0.0006	1.7144	1.1395	0.2973	0.0715	0.1049	1.2026	1.7643							
12	12	0.0118	0.0040	0.0026	1.7144	1.1395	0.2973	0.0715	0.1049	1.2026	1.7643							
327	9	1.248	12.60	-0.00	1.3520	-0.0191	0.4261	0.0815	0.1518	0.9573	1.7811							
11	11	-0.0074	-0.0020	0.0000	1.8965	0.9698	0.4099	0.0818	0.1462	0.9979	1.7836							
12	12	0.0109	0.0041	0.0021	1.8965	0.9698	0.4099	0.0818	0.1462	0.9979	1.7836							
327	10	1.249	-0.05	-0.00	-0.2148	3.2548	0.0192	0.0061	0.0057	1.5875	1.5030							
11	11	0.0056	-0.0002	0.0036	1.4070	1.0670	0.0210	0.0085	0.0049	2.0371	1.1790							
12	12	0.0110	0.0030	0.0023	1.4070	1.0670	0.0210	0.0085	0.0049	2.0371	1.1790							
328	1	1.249	-3.12	-0.00	-0.1001	2.9636	-0.0719	-0.0263	-0.0234	1.8315	1.6307							
11	11	0.0073	-0.0001	0.0043	1.5842	0.9659	-0.0656	-0.0225	-0.0231	1.7180	1.7593							
12	12	0.0075	0.0023	0.0014	1.5842	0.9659	-0.0656	-0.0225	-0.0231	1.7180	1.7593							
328	2	1.251	-0.02	-0.00	-0.6798	3.2617	0.0048	0.0007	0.0019	0.8046	1.9909							
11	11	0.0060	-0.0008	0.0039	1.1412	1.1832	0.0101	0.0041	0.0019	2.0330	0.9808							
12	12	0.0094	0.0021	0.0022	1.1412	1.1832	0.0101	0.0041	0.0019	2.0330	0.9808							
328	3	1.251	1.02	-0.00	-0.5445	3.0838	0.0303	0.0105	0.0104	1.7311	1.7131							
11	11	0.0058	-0.0006	0.0035	1.0210	1.2247	0.0335	0.0128	0.0099	1.9187	1.4736							
12	12	0.0101	0.0020	0.0024	1.0210	1.2247	0.0335	0.0128	0.0099	1.9187	1.4736							
328	4	1.251	3.12	-0.00	-0.7000	3.3361	0.0877	0.0290	0.0295	1.6575	1.6864							
11	11	0.0045	-0.0006	0.0030	0.8641	1.2715	0.0888	0.0307	0.0284	1.7321	1.6009							
12	12	0.0097	0.0016	0.0024	0.8641	1.2715	0.0888	0.0307	0.0284	1.7321	1.6009							
328	5	1.251	6.28	-0.00	-10.2428	15.1236	0.1902	0.0531	0.0656	1.3955	1.7257							
11	11	0.0006	-0.0013	0.0019	-0.8671	1.1686	0.1639	0.0543	0.0631	1.4773	1.7180							
12	12	0.0120	0.0021	0.0028	-0.8671	1.1686	0.1639	0.0543	0.0631	1.4773	1.7180							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
328	6	10	-0.1259	0.0062	0.0114	0.0028	0.0020	0.0003	-0.0003	1.6327	-0.2921	0.3062	0.2949	0.0686	0.0711	0.1084	0.1039	1.1211	1.2063	1.7702	1.7629	
328	7	10	1.249	0.0069	0.0122	0.0044	0.0026	-0.0005	0.0025	1.4532	0.2979	0.4250	0.4103	0.0812	0.0821	0.1516	0.1461	0.9558	1.0010	1.7833	1.7806	
328	8	10	1.249	0.0058	0.0099	0.0025	0.003	-0.0004	0.0022	-0.3701	3.2417	0.0058	0.0095	0.0008	0.0038	0.0018	0.0016	0.7490	2.0404	1.5745	0.8777	
329	1	10	1.250	0.0060	0.0080	0.0023	0.0011	-0.0006	0.0016	-0.5154	3.2294	-0.0727	-0.0683	-0.0268	-0.0236	-0.0241	-0.0242	1.8488	1.7276	1.6623	1.7742	
329	2	10	1.249	0.0057	0.0114	0.0027	0.0005	-0.000	0.0023	-0.4626	3.3308	0.0031	0.0061	0.0003	0.0025	0.0011	0.0007	0.5348	2.1272	1.8334	0.6380	
329	3	10	1.249	0.0066	0.0117	0.0031	0.001	0.000	0.0028	0.0270	1.2011	0.0278	0.0286	0.0092	0.0108	0.0095	0.0083	1.6589	1.8928	1.7339	1.4319	
329	4	10	1.249	0.0045	0.0104	0.0019	0.0003	0.0015	0.0025	-0.3811	3.4870	0.0836	0.0837	0.0276	0.0291	0.0281	0.0267	1.6529	1.7429	1.6851	1.5975	
329	5	10	1.249	0.0001	0.0134	0.0028	0.0010	-0.0010	0.0033	-0.4684	52.7594	0.1874	0.1818	0.0522	0.0541	0.0647	0.0620	1.3953	1.4882	1.7282	1.7051	
329	6	10	1.249	0.0060	0.0122	0.0038	0.0019	0.0044	0.0025	1.5971	-0.2993	0.3056	0.2937	0.0686	0.0712	0.1079	0.1029	1.1220	1.2134	1.7564	1.7516	
329	7	10	1.249	0.0091	0.0112	0.0041	0.0024	0.0063	0.0023	1.3181	0.3521	0.4249	0.4098	0.0812	0.0820	0.1510	0.1457	0.9564	1.0013	1.7778	1.7781	
329	8	10	1.249	0.0061	0.0099	0.0022	0.0004	-0.0003	0.0021	-0.3572	3.1071	0.0023	0.0063	0.0001	0.0024	0.0009	0.0006	0.5326	1.9077	1.9833	0.9292	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd \longleftarrow See Key \longrightarrow

330	1	10	1.248	-3.09	-0.0042	-0.1740	3.0590	-0.0770	-0.0261	-0.0259	1.6300	1.6877
		11	0.0069	-0.0002	0.0042	1.6169	1.0822	-0.0724	-0.0249	-0.0256	1.7224	1.7710
		12	0.0088	0.0028	0.0019							
330	2	10	1.248	-0.00	-0.00	-0.2733	3.0293	-0.0083	-0.0039	-0.0017	2.3679	1.0384
		11	0.0063	-0.0003	0.0038	1.1971	1.2109	-0.0040	-0.0010	-0.0021	1.3051	2.6255
		12	0.0102	0.0024	0.0024							
330	3	10	1.248	1.05	-0.00	-0.6771	3.1130	0.0187	0.0057	0.0066	1.5418	1.7705
		11	0.0054	-0.0007	0.0033	1.2369	1.1481	0.0203	0.0075	0.0057	1.8426	1.4284
		12	0.0117	0.0029	0.0027							
330	4	10	1.249	3.17	-0.00	-0.0544	3.2153	0.0799	0.0259	0.0268	1.6234	1.6822
		11	0.0052	-0.0000	0.0033	1.0628	1.1956	0.0793	0.0272	0.0251	1.7170	1.5850
		12	0.0127	0.0027	0.0030							
330	5	10	1.249	6.30	-0.00	12.1654	-27.5747	0.1837	0.0517	0.0632	1.4083	1.7213
		11	0.0003	-0.0008	0.0018	1.0613	1.1893	0.1791	0.0536	0.0607	1.4988	1.6960
		12	0.0123	0.0026	0.0029							
330	6	10	1.249	9.43	-0.00	1.3012	-0.0194	0.3054	0.0687	0.1072	1.1249	1.7560
		11	0.0063	-0.0016	0.0000	1.4280	1.0249	0.2910	0.0708	0.1017	1.2180	1.7481
		12	0.0131	0.0037	0.0027							
330	7	10	1.248	12.63	-0.00	1.3842	0.5771	0.4240	0.0810	0.1506	0.9557	1.7768
		11	0.0104	-0.0028	0.0012	1.7587	1.0031	0.4076	0.0820	0.1448	1.0057	1.7762
		12	0.0129	0.0045	0.0025							
330	8	10	1.250	-0.01	-0.00	-0.5667	3.2251	-0.0078	-0.0036	-0.0018	2.3309	1.1749
		11	0.0055	-0.0006	0.0035	1.0831	1.2022	-0.0041	-0.0011	-0.0023	1.3669	2.8045
		12	0.0112	0.0024	0.0027							
331	1	10	1.249	-3.08	-0.00	-0.2733	3.0293	-0.0842	-0.0303	-0.0280	1.8001	1.6640
		11	0.0062	-0.0003	0.0038	1.4625	1.1297	-0.0788	-0.0270	-0.0280	1.7172	1.7802
		12	0.0084	0.0024	0.0019							
331	2	10	1.248	0.02	-0.00	-0.5943	3.2750	-0.0204	-0.0093	-0.0052	2.0408	1.2877
		11	0.0053	-0.0006	0.0034	1.0812	1.1878	-0.0167	-0.0056	-0.0059	1.6941	1.7794
		12	0.0104	0.0022	0.0024							
331	3	10	1.248	1.05	-0.00	-0.2237	2.9609	0.0059	0.0008	0.0035	0.7142	2.9667
		11	0.0056	-0.0002	0.0033	1.1589	1.2089	0.0058	0.0019	0.0018	1.7035	1.6144
		12	0.0120	0.0027	0.0029							

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																	
331	4	10	1.250	5.10	-0.0031	-0.3485	3.1328	0.0688	0.0219	0.0232	1.5950	1.6873								
	11		0.0050	-0.0003	0.0029	0.9140	1.2005	0.0684	0.0232	0.0214	1.6960	1.5694								
	12		0.0121	0.0022	0.0029															
331	5	10	1.250	6.31	-0.00	5.1419	-10.6605	0.1785	0.0506	0.0612	1.4171	1.7146								
	11		-0.0006	-0.0007	0.0033	0.9063	1.2752	0.1730	0.0524	0.0584	1.5160	1.6886								
	12		0.0131	0.0023	0.0033															
331	6	10	1.250	9.44	-0.00	1.1582	0.1300	0.3030	0.0684	0.1062	1.1299	1.7534								
	11		-0.0075	-0.0017	0.0028	1.2429	1.0369	0.2904	0.0709	0.1013	1.2207	1.7448								
	12		0.0135	0.0033	0.0028															
331	7	10	1.249	12.67	-0.00	0.9495	0.6168	0.4243	0.0810	0.1505	0.9552	1.7743								
	11		-0.0097	-0.0018	0.0026	1.7236	1.0269	0.4074	0.0821	0.1443	1.0076	1.7705								
	12		0.0131	0.0045	0.0026															
331	8	10	1.248	-0.00	-0.00	-0.5731	3.0248	-0.0209	-0.0085	-0.0058	2.0316	1.3908								
	11		0.0055	-0.0006	0.0033	1.1971	1.2109	-0.0161	-0.0054	-0.0061	1.6958	1.9124								
	12		0.0101	0.0024	0.0024															
332	1	10	1.249	-3.05	-0.00	-0.1859	2.9261	-0.0881	-0.0314	-0.0297	1.7828	1.6848								
	11		0.0066	-0.0002	0.0039	1.4182	1.1031	-0.0830	-0.0284	-0.0294	1.7150	1.7753								
	12		0.0096	0.0027	0.0021															
332	2	10	1.248	0.05	-0.00	-0.4060	3.3419	-0.0293	-0.0113	-0.0083	1.9260	1.4146								
	11		0.0053	-0.0004	0.0035	1.0551	1.2710	-0.0260	-0.0089	-0.0090	1.7288	1.7336								
	12		0.0110	0.0023	0.0027															
332	3	10	1.248	1.09	-0.00	-0.3415	3.3547	-0.0095	-0.0044	0.0003	2.3458	-0.1768								
	11		0.0049	-0.0003	0.0033	0.9272	1.3203	-0.0060	-0.0030	-0.0012	1.8727	0.7439								
	12		0.0114	0.0021	0.0030															
332	4	10	1.248	3.21	-0.00	-0.1842	3.7357	0.0629	0.0195	0.0209	1.5528	1.6651								
	11		0.0040	-0.0001	0.0030	1.0858	1.2701	0.0610	0.0202	0.0190	1.6548	1.5616								
	12		0.0127	0.0027	0.0032															
332	5	10	1.248	6.35	-0.00	2.1293	-4.2818	0.1738	0.0498	0.0594	1.4342	1.7106								
	11		-0.0018	-0.0007	0.0015	1.0449	1.1846	0.1680	0.0511	0.0565	1.5233	1.6823								
	12		0.0136	0.0028	0.0032															
332	6	10	1.248	9.45	-0.00	0.8584	0.1209	0.3014	0.0681	0.1057	1.1299	1.7543								
	11		-0.0078	-0.0013	0.0031	1.4717	1.1230	0.2890	0.0708	0.1007	1.2250	1.7426								
	12		0.0139	0.0011	0.0031															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
332	7	10	1.250	-12.70	-0.0011	0.8575	0.6200	0.4220	0.0805	0.1498	0.9543	1.7750						
	11	12	0.0096	0.0016	0.0024	1.7109	0.9952	0.4075	0.0821	0.1442	1.0076	1.7691						
332	8	10	1.251	0.02	-0.00	-0.5875	3.4844	-0.0291	-0.0110	-0.0081	1.9021	1.4051						
	11	12	0.0055	-0.0006	0.0037	0.8737	1.2874	-0.0253	-0.0091	-0.0091	1.8008	1.8041						
333	1	10	1.250	-3.00	-0.00	-0.7039	3.5022	-0.0961	-0.0336	-0.0324	1.7497	1.6861						
	11	12	0.0057	-0.0008	0.0040	1.1089	1.2863	-0.0910	-0.0306	-0.0324	1.6797	1.7798						
333	2	10	1.250	0.07	-0.00	-0.1254	3.0348	-0.0378	-0.0137	-0.0113	1.8190	1.4993						
	11	12	0.0060	-0.0001	0.0037	0.7172	1.2491	-0.0358	-0.0127	-0.0128	1.7798	1.7896						
333	3	10	1.249	1.11	-0.00	-0.4991	3.7407	-0.0370	-0.0129	-0.0089	1.7435	1.2068						
	11	12	0.0043	-0.0004	0.0032	0.6130	1.2494	-0.0368	-0.0119	-0.0110	1.6198	1.4991						
333	4	10	1.249	3.24	-0.00	0.0468	3.5463	0.0499	0.0129	0.0180	1.2957	1.8038						
	11	12	0.0041	0.0000	0.0029	0.7291	1.2992	0.0478	0.0135	0.0157	1.4104	1.6458						
333	5	10	1.249	6.37	-0.00	1.0117	-4.6365	0.1657	0.0478	0.0562	1.4431	1.6957						
	11	12	0.0015	-0.0028	0.0039	0.9331	1.2901	0.1579	0.0483	0.0525	1.5294	1.6641						
333	6	10	1.249	9.47	-0.00	1.1874	0.3435	0.2957	0.0674	0.1035	1.1395	1.7500						
	11	12	0.0093	-0.0022	-0.0006	1.1769	1.0836	0.2829	0.0698	0.0982	1.2349	1.7356						
333	7	10	1.250	12.70	-0.00	1.2198	0.8561	0.4201	0.0803	0.1489	0.9555	1.7727						
	11	12	0.0141	-0.0034	-0.0024	1.6586	1.0785	0.4046	0.0820	0.1432	1.0135	1.7704						
334	3	10	0.898	-3.10	-0.00	0.3408	2.1421	-0.0623	-0.0210	-0.0210	1.6867	1.6849						
	11	12	0.0078	0.0005	0.0033	2.0801	0.9127	-0.0535	-0.0174	-0.0184	1.6249	1.7252						
334	4	10	0.899	-0.08	-0.00	0.5275	2.2179	0.0165	0.0057	0.0053	1.7516	1.6034						
	11	12	0.0075	0.0008	0.0033	0.5275	2.2179	0.0165	0.0057	0.0053	1.7516	1.6034						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	0.0029	0.0011	0.0004	1.9417	0.7816	0.0220	0.0084	0.0066	1.9233	1.5149
334	5	10	0.900	0.99	-0.00	0.4273	1.9809	0.0351	0.0126	0.0119	1.6046	1.7023
		11	0.0076	0.0006	0.0030	1.6413	0.2487	0.0405	0.0155	0.0133	1.9111	1.6411
		12	0.0031	0.0010	0.0001							
334	6	10	0.900	3.09	-0.00	0.4911	1.5773	0.0863	0.0313	0.0297	1.8128	1.7204
		11	0.0091	0.0008	0.0028	1.6413	0.7473	0.0921	0.0343	0.0311	1.8615	1.6920
		12	0.0030	0.0010	0.0004							
334	7	10	0.898	6.19	-0.00	0.1121	2.1108	0.1868	0.0630	0.0648	1.6867	1.7352
		11	0.0061	0.0001	0.0025	1.6413	0.8553	0.1892	0.0647	0.0662	1.7115	1.7505
		12	0.0053	0.0017	0.0009							
334	8	10	0.900	9.30	-0.00	-3.3002	3.1697	0.3177	0.0944	0.1131	1.4856	1.7809
		11	0.0021	-0.0014	0.0013	1.7134	0.3766	0.3135	0.0938	0.1126	1.4959	1.7964
		12	0.0040	0.0013	0.0003							
334	9	10	0.898	12.46	0.00	-0.1162	2.1327	0.4250	0.0704	0.1503	0.8282	1.7825
		11	0.0053	-0.0001	0.0022	1.5022	0.1832	0.4269	0.0741	0.1522	0.8684	1.7825
		12	0.0042	0.0012	0.0001							
334	10	10	0.900	-0.04	-0.00	0.3563	2.1400	0.0163	0.0059	0.0054	1.8073	1.6649
		11	0.0074	0.0005	0.0031	1.9404	0.5194	0.0221	0.0085	0.0065	1.9338	1.4656
		12	0.0029	0.0011	0.0003							
335	1	10	0.899	-3.08	-0.00	0.7011	2.2036	-0.0723	-0.0256	-0.0242	1.7743	1.6746
		11	0.0104	0.0014	0.0045	2.4430	0.4174	-0.0641	-0.0219	-0.0215	1.7128	1.6819
		12	0.0018	0.0008	0.0001							
335	2	10	0.899	-0.03	-0.00	0.5803	1.9399	0.0014	0.0004	0.0017	1.6859	5.8720
		11	0.0090	0.0010	0.0035	2.2041	0.2938	0.0098	0.0038	0.0031	1.9570	1.6146
		12	0.0026	0.0011	0.0001							
335	3	10	0.899	1.01	-0.00	0.3733	2.1377	0.0270	0.0096	0.0099	1.7885	1.8412
		11	0.0071	0.0005	0.0030	2.1290	0.0019	0.0324	0.0122	0.0109	1.8913	1.6795
		12	0.0024	0.0010	0.0000							
335	4	10	0.900	3.11	-0.00	0.4066	1.8948	0.0790	0.0279	0.0274	1.7686	1.7388
		11	0.0080	0.0006	0.0030	1.8796	0.8267	0.0817	0.0297	0.0281	1.8189	1.7184
		12	0.0037	0.0013	0.0006							
335	5	10	0.898	6.19	-0.00							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
	11		0.0069	0.0003	0.0027	0.2859	1.9833	0.1823	0.0614	0.0633	1.6845	1.7371										
	12		0.0035	0.0012	0.0000	1.8074	0.0024	0.1810	0.0620	0.0636	1.7119	1.7565										
335	6	10	0.896	9.26	-0.00	-1.6310	2.8956	0.3067	0.0923	0.1096	1.5044	1.7875										
	11		0.0031	-0.0010	0.0018	1.6413	0.5683	0.3030	0.0917	0.1089	1.5141	1.7978										
	12		0.0054	0.0017	0.0006																	
335	7	10	0.899	12.45	0.00	-0.2596	2.3835	0.4229	0.0707	0.1499	0.8359	1.7730										
	11		0.0047	-0.0002	0.0022	1.5394	0.2671	0.4255	0.0746	0.1519	0.8794	1.7859										
	12		0.0057	0.0017	0.0003																	
335	8	10	0.897	-0.04	-0.00	0.5071	2.3129	0.0005	0.0003	0.0012	3.2772	10.8454										
	11		0.0079	0.0008	0.0036	2.5568	0.6799	0.0098	0.0038	0.0030	1.9570	1.5361										
	12		0.0022	0.0011	0.0003																	
336	1	10	0.899	-3.07	-0.00	0.5121	2.5052	-0.0712	-0.0256	-0.0232	1.8005	1.6324										
	11		0.0079	0.0008	0.0039	2.2099	0.8869	-0.0676	-0.0234	-0.0224	1.7346	1.6608										
	12		0.0025	0.0011	0.0004																	
336	2	10	0.898	-0.03	-0.00	0.6136	1.9054	-0.0021	-0.0006	0.0003	1.4792	-0.7279										
	11		0.0095	0.0011	0.0036	1.9390	0.2597	0.0057	0.0026	0.0018	2.2936	1.5849										
	12		0.0029	0.0011	0.0001																	
336	3	10	0.898	1.03	-0.00	0.6343	1.8121	0.0178	0.0062	0.0079	1.7492	2.2159										
	11		0.0092	0.0011	0.0033	1.7566	0.0024	0.0254	0.0095	0.0036	1.6707	1.6921										
	12		0.0025	0.0008	0.0000																	
336	4	10	0.897	3.12	-0.00	0.5569	1.8676	0.0765	0.0265	0.0269	1.7384	1.7587										
	11		0.0093	0.0010	0.0035	2.1317	0.3200	0.0789	0.0284	0.0273	1.8000	1.7354										
	12		0.0024	0.0010	0.0001																	
336	5	10	0.898	6.21	-0.00	0.1866	1.9455	0.1782	0.0600	0.0619	1.6853	1.7393										
	11		0.0070	0.0002	0.0027	1.7783	0.3579	0.1777	0.0609	0.0621	1.7133	1.7478										
	12		0.0042	0.0015	0.0003																	
336	6	10	0.898	9.25	-0.00	-1.8448	2.7126	0.3886	0.0925	0.1105	1.4992	1.7898										
	11		0.0028	-0.0010	0.0015	1.9377	0.0022	0.3039	0.0920	0.1093	1.5139	1.7981										
	12		0.0029	0.0011	0.0000																	
336	7	10	0.900	12.45	0.00	-0.7043	2.2843	0.4256	0.0700	0.1508	0.8231	1.7718										
	11		0.0036	-0.0005	0.0016	1.2370	0.8193	0.4266	0.0747	0.1521	0.8758	1.7856										
	12		0.0065	0.0016	0.0010																	

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key													
336	8	10	0.897	-0.003	-0.000	0.4325	2.1793	0.0003	0.0002	0.0012	3.4373	17.2944				
	11	11	0.0076	0.0006	0.0033	0.0766	0.4537	0.0053	0.0026	0.0010	2.4443	1.6860				
	12	12	0.0033	0.0014	0.0003	0.0003	0.0003	0.0026	0.0010	0.0010	0.0010	0.0010				
337	1	10	0.898	-3.07	-0.00	0.7232	2.1282	-0.0813	-0.0299	-0.0266	1.8387	1.6284				
	11	11	0.0100	0.0014	0.0042	0.2685	0.5441	-0.0743	-0.0265	-0.0251	1.7838	1.6901				
	12	12	0.0028	0.0012	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003				
337	2	10	0.899	-0.02	-0.00	0.5473	2.1592	-0.0143	-0.0050	-0.0029	1.7602	1.0382				
	11	11	0.0084	0.0009	0.0036	0.4372	0.0014	-0.0087	-0.0020	-0.0016	1.1967	0.9491				
	12	12	0.0018	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				
337	3	10	0.898	1.02	-0.00	0.4352	2.2784	0.0092	0.0031	0.0053	1.6886	2.8662				
	11	11	0.0077	0.0006	0.0035	0.2041	0.2938	0.0139	0.0050	0.0054	1.8180	1.9610				
	12	12	0.0026	0.0011	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001				
337	4	10	0.899	3.12	-0.00	0.4091	1.9899	0.0699	0.0233	0.0252	1.6675	1.8031				
	11	11	0.0081	0.0006	0.0032	0.2041	0.2938	0.0740	0.0257	0.0254	1.7371	1.7197				
	12	12	0.0026	0.0011	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001				
337	5	10	0.899	6.19	-0.00	0.2754	2.0982	0.1749	0.0589	0.0605	1.6848	1.7318				
	11	11	0.0073	0.0004	0.0030	1.9417	0.7816	0.1704	0.0584	0.0597	1.7145	1.7517				
	12	12	0.0039	0.0015	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006				
337	6	10	0.899	9.30	-0.00	-1.6653	3.4144	0.3083	0.0925	0.1107	1.5005	1.7848				
	11	11	0.0027	-0.0009	0.0018	1.7020	0.4750	0.3046	0.0922	0.1092	1.5143	1.7923				
	12	12	0.0049	0.0016	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004				
337	7	10	0.899	12.44	0.00	-4.8239	4.5646	0.4256	0.0710	0.1509	0.8345	1.7736				
	11	11	0.0013	-0.0013	0.0012	1.4198	0.6735	0.4247	0.0743	0.1516	0.8758	1.7854				
	12	12	0.0080	0.0022	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010				
337	8	10	0.898	0.00	-0.00	0.6100	2.1935	-0.0114	-0.0039	-0.0020	1.7126	0.8929				
	11	11	0.0087	0.0010	0.0038	1.9407	0.5848	-0.0077	-0.0017	-0.0015	1.1035	0.9719				
	12	12	0.0039	0.0015	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004				
338	1	10	0.898	-3.04	-0.00	0.6937	1.9095	-0.0861	-0.0320	-0.0283	1.8573	1.6446				
	11	11	0.0104	0.0014	0.0039	2.5029	0.3733	-0.0789	-0.0284	-0.0264	1.8027	1.6768				
	12	12	0.0020	0.0010	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001				
338	2	10	0.897	0.02	-0.00	0.6900	1.7621	-0.0265	-0.0096	-0.0067	1.8184	1.2769				
	11	11	0.0104	0.0014	0.0036	2.5462	0.0012	-0.0238	-0.0076	-0.0060	1.5954	1.2727				
	12	12	0.0022	0.0011	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																				
338	3	10	0.901	1.03	-0.090	0.6637	1.7856	-0.0042	-0.0023	0.0015	2.7107	-1.8185	0.0998	0.0013	0.0000	2.4973	0.0013	-0.0006	-0.0023	0.0000	0.0022	-0.5665	-17.7637
		11	0.0020	0.0010	0.0035																		
		12			0.0000																		
338	4	10	0.697	3.11	-0.090	0.7156	1.8236	0.0604	0.0199	0.0221	1.6465	1.8271	0.0101	0.0011	0.0000	2.2013	0.0018	0.0612	0.0209	0.0215	1.7112	1.7544	
		11	0.0026	0.0011	0.0036																		
		12			0.0000																		
338	5	10	0.698	6.20	-0.090	0.1956	2.2704	0.1677	0.0565	0.0582	1.6846	1.7366	0.0071	0.0012	0.0000	2.0100	0.0020	0.1657	0.0566	0.0577	1.7095	1.7418	
		11	0.0032	0.0012	0.0032																		
		12			0.0000																		
338	6	10	0.698	9.31	-0.090	-1.1779	3.0569	0.3098	0.0928	0.1106	1.4977	1.7853	0.0032	0.0011	0.0003	-1.5608	0.4207	0.3007	0.0911	0.1082	1.5158	1.7990	
		11	0.0036	0.0011	0.0019																		
		12			0.0003																		
338	7	10	0.698	12.44	0.0007	0.3608	18.3373	0.4218	0.0707	0.1497	0.8382	1.7747	0.0002	0.0015	0.0007	-37.3608	0.7523	0.4207	0.0739	0.1501	0.8784	1.7637	
		11	0.0051	0.0013	0.0007																		
		12			0.0007																		
338	8	10	0.698	0.01	-0.090	0.6653	2.0549	-0.0270	-0.0097	-0.0067	1.8034	1.8220	0.0089	0.0011	0.0000	2.2013	0.0018	-0.0242	-0.0078	-0.0062	1.6208	1.8494	
		11	0.0026	0.0011	0.0036																		
		12			0.0000																		
339	1	10	0.699	3.02	-0.090	0.7811	1.8861	-0.0908	-0.0340	-0.0299	1.8750	1.6998	0.0117	0.0018	0.0044	0.2041	0.2938	-0.0847	-0.0309	-0.0286	1.8285	1.6907	
		11	0.0026	0.0011	0.0044																		
		12			0.0001																		
339	2	10	0.699	0.02	-0.090	0.7672	1.9345	-0.0340	-0.0122	-0.0084	1.8043	1.8461	0.0102	0.0012	0.0003	2.0131	0.4844	-0.0308	-0.0101	-0.0084	1.6511	1.8461	
		11	0.0031	0.0012	0.0039																		
		12			0.0003																		
339	3	10	0.699	1.05	-0.090	0.6677	1.9415	-0.0208	-0.0078	-0.0026	1.8876	0.6413	0.0098	0.0013	0.0038	2.1989	-0.2867	-0.0170	-0.0057	-0.0021	1.7046	0.6413	
		11	0.0026	0.0011	0.0038																		
		12			0.0001																		
339	4	10	0.699	3.14	-0.090	0.6075	1.6661	0.0585	0.0190	0.0213	1.6263	1.8237	0.0096	0.0011	0.0032	2.2013	0.0018	0.0550	0.0187	0.0197	1.7039	1.8237	
		11	0.0026	0.0011	0.0032																		
		12			0.0000																		
339	5	10	0.698	6.23	-0.090	0.4376	1.8720	0.1699	0.0568	0.0577	1.6735	1.7488	0.0089	0.0010	0.0033	2.4376	-0.3120	0.1651	0.0564	0.0577	1.7078	1.7488	
		11	0.0024	0.0010	0.0033																		
		12			0.0001																		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

339	6	10	0.097	9.33	-0.0013	-2.5952	3.0539	0.3060	0.0925	0.1097	1.5026	1.7603
		11	0.0022	-0.0011	0.0013	1.7015	0.0025	0.2998	0.0912	0.1076	1.5213	1.7908
		12	0.0049	0.0016	0.0030							
339	7	10	0.099	12.46	0.009	-1.9600	1.9611	0.4230	0.0799	0.1498	0.8389	1.7713
		11	0.0023	-0.0009	0.0009	1.5022	0.1832	0.4206	0.0744	0.1503	0.8848	1.7875
		12	0.0042	0.0012	0.0001							
339	8	10	0.099	0.03	-0.00	9.7939	1.9256	-0.0308	-0.0109	-0.0075	1.7825	1.8297
		11	0.0099	0.0015	0.0038	3.0168	0.0005	-0.0296	-0.0096	-0.0078	1.6323	1.8237
		12	0.0012	0.0007	0.0000							
340	1	10	0.900	-2.96	-0.00	9.7223	2.0902	-0.0958	-0.0358	-0.0312	1.8714	1.6333
		11	0.0109	0.0015	0.0045	2.2070	0.5888	-0.0908	-0.0332	-0.0305	1.8308	1.6807
		12	0.0026	0.0011	0.0003							
340	2	10	0.098	0.03	-0.00	9.7156	1.6236	-0.0340	-0.0127	-0.0095	1.8750	1.4929
		11	0.0100	0.0014	0.0036	1.7566	0.0024	-0.0347	-0.0119	-0.0102	1.7161	1.4797
		12	0.0025	0.0009	0.0000							
340	3	10	0.099	1.00	-0.00	9.6033	2.0179	-0.0226	-0.0083	-0.0034	1.8419	0.7613
		11	0.0087	0.0010	0.0035	1.9362	-0.3789	-0.0212	-0.0071	-0.0042	1.6752	0.9919
		12	0.0020	0.0007	-0.0001							
340	4	10	0.900	3.16	-0.00	9.4299	2.0802	0.0489	0.0153	0.0190	1.5692	1.9412
		11	0.0077	0.0006	0.0032	1.7792	0.7177	0.0452	0.0149	0.0172	1.6546	1.9082
		12	0.0042	0.0015	0.0006							
340	5	10	0.098	6.24	-0.00	9.4998	1.9115	0.1635	0.0545	0.0571	1.6674	1.7468
		11	0.0091	0.0009	0.0035	1.9367	-0.2524	0.1593	0.0539	0.0554	1.6940	1.7392
		12	0.0030	0.0011	-0.0001							
340	6	10	0.098	9.33	-0.00	-1.4918	2.7713	0.3005	0.0908	0.1073	1.5113	1.7889
		11	0.0030	-0.0009	0.0016	1.5847	0.4433	0.2910	0.0891	0.1044	1.5115	1.7988
		12	0.0052	0.0016	0.0004							
340	7	10	0.098	12.49	0.00	-4.9200	2.6378	0.4209	0.0723	0.1492	0.8590	1.7723
		11	0.0013	-0.0013	0.0007	1.3844	0.1696	0.4208	0.0754	0.1496	0.8566	1.7607
		12	0.0046	0.0012	0.0001							
340	8	10	0.097	0.02	-0.00	9.7175	1.6998	-0.0354	-0.0131	-0.0095	1.8572	1.3499
		11	0.0100	0.0014	0.0038	1.9377	0.0022	-0.0347	-0.0119	-0.0099	1.7162	1.4850
		12	0.0029	0.0011	0.0000							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

342	3	10	1.251	-3.15	-0.00	2.0190	1.5770	-0.0293	-0.0110	-0.0101	1.0720	1.7360
		11	-0.0596	-0.0240	-0.0108	2.1021	2.0702	-0.0628	-0.0228	-0.0214	1.0220	1.7097
		12	-0.0189	-0.0079	-0.0078							
342	4	10	1.250	-0.06	-0.00	-3.2891	3.4037	0.0045	0.0031	0.0019	3.4046	2.1257
		11	0.0047	-0.0031	0.0032	2.2759	1.2259	0.0022	-0.0009	-0.0001	-2.1732	-0.2517
		12	0.0132	0.0060	0.0032							
342	5	10	1.250	0.99	-0.00	0.6539	1.9856	0.0251	0.0112	0.0084	2.2880	1.6791
		11	0.0259	0.0044	0.0102	2.1704	1.4903	0.0223	0.0060	0.0065	1.3621	1.4647
		12	0.0338	0.0147	0.0101							
342	6	10	1.248	3.12	-0.00	1.4180	1.8335	0.0676	0.0260	0.0230	1.9265	1.7027
		11	0.0587	0.0152	0.0197	1.9350	1.6286	0.0466	0.0157	0.0150	1.6853	1.6164
		12	0.0765	0.0296	0.0249							
342	7	10	1.250	6.24	-0.00	1.3556	1.8656	0.1540	0.0460	0.0540	1.4957	1.7538
		11	0.0770	0.0208	0.0287	1.4863	1.7512	0.0677	0.0200	0.0236	1.4778	1.7415
		12	0.1614	0.0479	0.0565							
342	8	10	1.249	9.37	-0.00	1.4130	1.8727	0.2487	0.0590	0.0852	1.1860	1.8977
		11	0.1204	0.0340	0.0451	1.1688	1.8112	0.1074	0.0312	0.0393	1.4535	1.8321
		12	0.2580	0.0603	0.0934							
342	9	10	1.249	12.58	-0.00	1.2933	1.9371	0.3600	0.0664	0.1318	0.9232	1.8303
		11	0.1531	0.0396	0.0593	0.9425	1.8417	0.1395	0.0350	0.0535	1.2554	1.9184
		12	0.3648	0.0687	0.1343							
342	10	10	1.250	-0.05	-0.00	-2.3294	3.0293	0.0043	0.0026	0.0017	3.0573	1.9903
		11	0.0059	-0.0027	0.0035	2.1877	1.3044	0.0017	-0.0006	-0.0003	-1.9719	-0.9735
		12	0.0146	0.0064	0.0038							
343	1	10	1.250	-3.12	-0.00	2.0458	1.5646	-0.0362	-0.0129	-0.0124	1.7934	1.7214
		11	-0.0603	-0.0247	-0.0189	1.9550	1.9586	-0.0652	-0.0234	-0.0227	1.7980	1.7455
		12	-0.0242	-0.0094	-0.0095							
343	2	10	1.249	-0.02	-0.00	-3.9152	3.7764	0.0022	0.0019	0.0010	4.4791	2.3128
		11	0.0039	-0.0031	0.0030	2.2284	1.2113	-0.0012	-0.0016	-0.0011	6.9237	4.5766
		12	0.0125	0.0055	0.0030							
343	3	10	1.251	1.02	-0.00	0.6703	1.9837	0.0234	0.0101	0.0081	2.1514	1.7459
		11	0.0222	0.0029	0.0088	2.0666	1.4731	0.0174	0.0053	0.0048	1.5209	1.3946
		12	0.0334	0.0138	0.0098							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

343	4	10	1.251	0.0116	0.0285	-0.00	1.4022	1.9305	0.0686	0.0248	0.0233	1.0087	1.6990
		11	0.0416	0.0285	0.0256	0.0150	1.8049	1.6220	0.0346	0.0134	0.0109	1.9386	1.5793
		12	0.0790	0.0285	0.0256	0.0256	1.8049	1.6220	0.0346	0.0134	0.0109	1.9386	1.5793
343	5	10	1.249	0.0149	0.0468	-0.00	1.2903	2.0129	0.1547	0.0443	0.0545	1.4339	1.7623
		11	0.0500	0.0149	0.0468	0.0233	1.4068	1.7484	0.0423	0.0132	0.0144	1.5690	1.7005
		12	0.1663	0.0468	0.0581	0.0581	1.4068	1.7484	0.0423	0.0132	0.0144	1.5690	1.7005
343	6	10	1.249	0.0313	0.0593	-0.00	1.4373	1.9080	0.2512	0.0381	0.0905	1.1578	1.8025
		11	0.1089	0.0313	0.0593	0.0415	1.1491	1.8134	0.0936	0.0280	0.0340	1.4966	1.8025
		12	0.2582	0.0593	0.0936	0.0936	1.1491	1.8134	0.0936	0.0280	0.0340	1.4966	1.8025
343	7	10	1.250	0.0381	0.0681	-0.00	1.3221	1.9677	0.3593	0.0660	0.1315	0.9186	1.8299
		11	0.1442	0.0381	0.0681	0.0567	0.9266	1.8400	0.1249	0.0329	0.0482	1.3164	1.9500
		12	0.3677	0.0681	0.1353	0.1353	0.9266	1.8400	0.1249	0.0329	0.0482	1.3164	1.9500
343	8	10	1.250	-0.0034	0.0052	-0.00	-5.6734	4.4543	0.0013	0.0016	0.0005	5.9401	3.0931
		11	0.0030	-0.0034	0.0052	0.0026	-2.1971	1.2112	-0.0024	-0.0016	-0.0017	5.3851	3.6469
		12	0.0120	0.0052	0.0029	0.0029	-2.1971	1.2112	-0.0024	-0.0016	-0.0017	5.3851	3.6469
344	3	10	1.249	-0.0253	0.0114	-0.00	2.1578	1.5719	-0.0412	-0.0136	-0.0138	1.6543	1.6713
		11	0.0506	-0.0253	0.0114	-0.0184	1.7084	1.9174	-0.0616	-0.0244	-0.0212	1.9839	1.7228
		12	-0.0299	-0.0102	0.0114	-0.0114	1.7084	1.9174	-0.0616	-0.0244	-0.0212	1.9839	1.7228
344	4	10	1.248	-0.0027	0.0055	-0.00	-3.5757	3.3314	-0.0009	0.0016	0.0003	-8.8287	-1.8184
		11	0.0038	-0.0027	0.0055	0.0025	-2.8043	1.1394	-0.0013	-0.0025	-0.0011	9.3920	4.1053
		12	0.0098	0.0055	0.0022	0.0022	-2.8043	1.1394	-0.0013	-0.0025	-0.0011	9.3920	4.1053
344	5	10	1.248	0.0027	0.0155	-0.00	0.6758	2.0014	0.0204	0.0099	0.0074	2.4396	1.8127
		11	0.0207	0.0027	0.0155	0.0082	2.2630	1.5021	0.0168	0.0044	0.0050	1.3253	1.8127
		12	0.0299	0.0155	0.0089	0.0089	2.2630	1.5021	0.0168	0.0044	0.0050	1.3253	1.8127
344	6	10	1.247	0.0116	0.0286	-0.00	1.4587	1.9406	0.0668	0.0254	0.0230	1.9013	1.7241
		11	0.0398	0.0116	0.0286	0.0154	1.8924	1.6306	0.0350	0.0122	0.0109	1.8873	1.6642
		12	0.0757	0.0286	0.0247	0.0247	1.8924	1.6306	0.0350	0.0122	0.0109	1.8873	1.6642
344	7	10	1.246	0.0134	0.0471	-0.00	1.3071	2.0324	0.1551	0.0450	0.0547	1.4588	1.7641
		11	0.0313	0.0134	0.0471	0.0209	1.4295	1.7372	0.0321	0.0101	0.0108	1.5830	1.6928
		12	0.1650	0.0471	0.0573	0.0573	1.4295	1.7372	0.0321	0.0101	0.0108	1.5830	1.6928
344	8	10	1.248	0.0306	0.0595	-0.00	1.4763	1.8904	0.2510	0.0588	0.0907	1.1722	1.8867
		11	0.1038	0.0306	0.0595	0.0392	1.1538	1.8088	0.0866	0.0268	0.0330	1.5129	1.8867
		12	0.2580	0.0595	0.0933	0.0933	1.1538	1.8088	0.0866	0.0268	0.0330	1.5129	1.8867

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Pt. Cd	See Key											
344	9	1.250	12.55	0.0000	1.3607	1.9582	0.3605	0.0661	0.1321	0.9166	1.8320		
	11	0.1370	0.0372	0.0536	0.9354	1.8417	0.1241	0.0330	0.0482	1.3297	1.9433		
	12	0.3623	0.0677	0.1334									
344	10	1.250	-0.00	-0.00	-6.2808	4.2098	0.0007	0.0017	0.0006	1.5148	4.5732		
	11	0.0026	-0.0033	0.0022	2.5491	1.1789	-0.0033	-0.0020	-0.0015	3.0453	2.3289		
	12	0.0095	0.0048	0.0022									
345	1	1.250	-3.11	-0.00	2.1263	1.5743	-0.0469	-0.0152	-0.0155	1.6299	1.6549		
	11	-0.0613	-0.0260	-0.0193	1.7601	1.8256	-0.0686	-0.0255	-0.0234	1.8612	1.7117		
	12	-0.0363	-0.0128	-0.0132									
345	2	1.248	-0.02	-0.00	2.6524	4.2695	-0.0015	0.0012	-0.0023	-4.1655	0.7593		
	11	0.0001	-0.0038	0.0014							2.1441		
	12	0.0080	0.0042	0.0015									
345	3	1.248	1.04	-0.00	0.7591	2.0262	0.0205	0.0092	0.0070	2.2530	1.7129		
	11	0.0189	0.0028	0.0076	2.0862	1.5099	0.0122	0.0041	0.0034	1.7010	1.4013		
	12	0.0300	0.0125	0.0090									
345	4	1.247	3.15	-0.00	1.5834	2.0209	0.0670	0.0243	0.0231	1.8159	1.7294		
	11	0.0550	0.0111	0.0141	1.7910	1.6289	0.0261	0.0109	0.0087	2.0873	1.6699		
	12	0.0761	0.0272	0.0248									
345	5	1.247	6.29	-0.00	1.2203	2.2958	0.1608	0.0441	0.0563	1.3727	1.7513		
	11	0.0547	0.0084	0.0159	1.3446	1.7455	0.0105	0.0037	0.0037	1.7910	1.7778		
	12	0.1681	0.0452	0.0586									
345	6	1.248	9.44	-0.00	1.4495	1.9169	0.2539	0.0580	0.0915	1.1420	1.8019		
	11	0.0539	0.0272	0.0360	1.1317	1.8083	0.0789	0.0241	0.0294	1.5289	1.8669		
	12	0.2590	0.0586	0.0936									
345	7	1.249	12.53	-0.00	1.3630	1.9688	0.3610	0.0659	0.1318	0.9131	1.8260		
	11	0.1310	0.0357	0.0515	0.9271	1.8384	0.1152	0.0315	0.0446	1.3684	1.9369		
	12	0.3634	0.0674	0.1336									
345	8	1.250	-0.0037	-0.0016	5.5569	-0.0021	0.0009	-0.0009	-0.0003	-2.0882	0.8068		
	11	0.0015	-0.0037	0.0018	2.4305	0.9611	-0.0047	-0.0016	-0.0022	1.7191	2.5636		
	12	0.0094	0.0046	0.0018									
346	1	1.249	-3.08	-0.00	2.1843	1.5469	-0.0577	-0.0175	-0.0189	1.5196	1.6422		
	11	-0.0613	-0.0268	-0.0189	1.5371	1.8277	-0.0658	-0.0256	-0.0228	1.9473	1.7389		
	12	-0.0458	-0.0140	-0.0167									

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
346	2	10	1.249	0.0045	-0.0006	41.9282	-12.4463	-0.0046	0.0006	-0.0024	-0.0010	-0.6982	2.1185	
		11	0.0005	0.0034	0.0006	3.5226	0.6970	-0.0058				2.1083	2.3872	
		12	0.0048											
346	3	10	1.250	1.07	-0.00	0.6267	2.2363	0.75	0.0082	0.0062	0.0017	2.3369	1.7891	
		11	0.0148	0.0118	0.0066	2.0196	1.4945	0.87	0.0035	0.0017		2.0492	1.0140	
		12	0.0274	0.0110	0.0082									
346	4	10	1.248	3.29	-0.00	1.6755	2.1517	0.0668	0.0236	0.0229	0.0067	1.7688	1.7201	
		11	0.0279	0.0262	0.0243	1.7636	1.6328	0.0296	0.0100			2.4309	1.6425	
		12	0.0744											
346	5	10	1.249	6.31	-0.00	1.6022	4.1916	0.1618	0.0423	0.0570	0.0067	1.3099	1.7619	
		11	0.0106	0.0034	0.0089	1.2821	1.7366	-0.0192	-0.0034	-0.0067		0.8935	1.7547	
		12	0.1716	0.0440	0.0596									
346	6	10	1.249	9.44	-0.00	1.4173	1.9718	0.2554	0.0569	0.0919	0.0253	1.1139	1.8001	
		11	0.0825	0.0233	0.0325	1.1066	1.8042	0.0679	0.0201			1.4804	1.8631	
		12	0.2608	0.0577	0.0941									
346	7	10	1.248	12.67	-0.00	1.3918	2.0013	0.3631	0.0663	0.1325	0.0421	0.9137	1.8246	
		11	0.1255	0.0349	0.0502	0.9199	1.8388	0.1085	0.0303			1.3971	1.9388	
		12	0.3645	0.0670	0.1340									
346	8	10	1.249	0.03	-0.00	39.0579	-8.2790	-0.0042	0.0005	-0.0011	-0.0027	-0.6391	1.3461	
		11	0.0006	0.0047	0.0009	4.4751	0.5864	-0.0060	-0.0029	-0.0027		2.4030	2.2790	
		12	0.0038	0.0034	0.0004									
347	1	10	1.249	-3.04	-0.00	2.3178	1.5523	-0.0724	-0.0220	-0.0234	0.0234	1.5234	1.6197	
		11	0.0587	-0.0272	-0.0182	1.4389	1.7266	-0.0629	-0.0257	-0.0221		2.0445	1.7561	
		12	-0.0602	-0.0173	-0.0208									
347	2	10	1.250	0.04	-0.00	17.1972	-3.2635	-0.0082	-0.0004	-0.0024	0.0024	0.2750	1.4640	
		11	0.0015	0.0052	0.0010	18.7085	8.3817	-0.0059	-0.0030	-0.0030		2.5267	2.5091	
		12	-0.0004	0.0017	-0.0007									
347	3	10	1.249	1.10	-0.00	0.3803	2.2745	0.0153	0.0074	0.0054	0.0025	2.4376	1.7888	
		11	0.0143	0.0110	0.0065	2.1018	1.4220	0.0108	0.0039			1.8101	1.1761	
		12	0.0249	0.0104	0.0071									
347	4	10	1.250	3.19	-0.00	1.8042	2.1660	0.0651	0.0226	0.0223	0.0053	1.7353	1.7121	
		11	0.0265	0.0095	0.0114	1.7212	1.6284	0.0168	0.0097	0.0053		2.8943	1.5872	
		12	0.0733	0.0252	0.0238									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key														
347	5	10	-1.248	6.32	-0.00	0.8577	0.0548	0.1625	0.0413	0.0570	1.2706	1.7539					
		11	-0.0148	-0.0025	-0.0001	1.2730	1.7335	-0.0440	-0.0083	-0.0166	0.9506	1.8890					
		12	0.1707	0.0434	0.0591												
347	6	10	1.248	9.46	-0.00	1.4303	2.0088	0.2534	0.0566	0.0911	1.1175	1.7988					
		11	0.0755	0.0216	0.0303	1.0951	1.8096	0.0544	0.0154	0.0202	1.4195	1.8598					
		12	0.2617	0.0573	0.0947												
347	7	10	1.248	12.69	-0.00	1.4031	2.0022	0.3625	0.0648	0.1323	0.8948	1.8285					
		11	0.1224	0.0343	0.0490	0.9140	1.8342	0.1017	0.0282	0.0389	1.3896	1.9155					
		12	0.3666	0.0670	0.1344												
347	8	10	1.248	0.04	-0.00	13.7953	-2.2847	-0.0087	-0.0007	-0.0024	0.4224	1.3858					
		11	-0.0019	-0.0053	0.0008	13.7873	-2.5820	-0.0048	-0.0029	-0.0026	3.0521	2.7632					
		12	-0.0008	0.0024	-0.0004												
348	1	10	1.246	-2.99	-0.00	2.6602	1.5435	-0.1166	-0.0313	-0.0379	1.3452	1.6248					
		11	-0.0537	-0.0285	-0.0165	1.2407	1.6864	-0.0592	-0.0278	-0.0212	2.3547	1.7934					
		12	-0.1055	-0.0261	-0.0355												
348	2	10	1.251	0.07	-0.00	17.1237	-2.1187	-0.0155	-0.0022	-0.0049	0.7267	1.5832					
		11	-0.0018	-0.0062	0.0007	-0.3261	2.3242	-0.0077	-0.0046	-0.0035	3.0448	2.2951					
		12	-0.0062	0.0004	-0.0029												
348	3	10	1.251	1.13	-0.00	0.3782	2.1961	0.0107	0.0053	0.0041	2.4720	1.9094					
		11	0.0142	0.0010	0.0062	2.0524	1.3966	0.0083	0.0027	0.0015	1.6334	0.9266					
		12	0.0205	0.0084	0.0057												
348	4	10	1.250	3.23	-0.00	1.8856	2.1287	0.0619	0.0212	0.0213	1.7156	1.7209					
		11	0.0243	0.0092	0.0103	1.7132	1.6071	0.0134	0.0090	0.0041	3.3817	1.5402					
		12	0.0695	0.0238	0.0223												
348	5	10	1.249	6.37	-0.00	0.8751	1.2977	0.1664	0.0404	0.0581	1.2165	1.7484					
		11	-0.0455	-0.0079	-0.0118	1.2195	1.7352	-0.0646	-0.0102	-0.0239	0.7936	1.8548					
		12	-0.1722	0.0420	0.0597												
348	6	10	1.248	9.47	-0.00	1.4331	2.0486	0.2555	0.0555	0.0920	1.0870	1.8000					
		11	0.0562	0.0161	0.0230	1.0726	1.8052	0.0360	0.0103	0.0134	1.4381	1.8666					
		12	0.2640	0.0566	0.0953												
348	7	10	1.248	12.68	-0.00	1.3532	2.0018	0.3628	0.0646	0.1326	0.8909	1.8278					
		11	0.1123	0.0303	0.0449												
		12															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	0.3668	0.0665	0.1348	0.9077	1.8385	0.0978	0.0265	0.0372	1.3559	1.9060
348	8	10	1.248	0.07	-0.00	28.4210	-5.6725	-0.0176	-0.0027	-0.0057	0.7710	1.6294
		11	-0.0009	-0.0055	0.0011	-0.4794	2.2514	-0.0082	-0.0054	-0.0036	3.3278	2.2275
		12	-0.0062	0.0005	-0.0028							
349	3	10	0.897	-3.09	-0.00	1.9363	1.5688	-0.0315	-0.0125	-0.0112	1.9928	1.7921
		11	-0.0552	-0.0213	-0.0173	1.8733	1.9351	-0.0562	-0.0194	-0.0192	1.7298	1.7103
		12	-0.0273	-0.0102	-0.0105							
349	4	10	0.898	-0.03	-0.00	0.8284	2.1559	0.0025	0.0007	0.0017	1.4323	1.3170
		11	0.0096	0.0015	0.0041	1.9446	1.3398	0.0068	0.0028	0.0021	2.1016	1.9518
		12	0.0097	0.0038	0.0026							
349	5	10	0.898	0.99	-0.00	1.4827	1.9715	0.0211	0.0075	0.0081	1.7874	1.9194
		11	0.0253	0.0075	0.0099	1.8504	1.4868	0.0245	0.0093	0.0082	1.9055	1.6745
		12	0.0269	0.0099	0.0080							
349	6	10	0.899	3.07	-0.00	1.7292	1.8005	0.0650	0.0229	0.0224	1.7639	1.7289
		11	0.0553	0.0191	0.0199	1.8085	1.6586	0.0500	0.0189	0.0168	1.8877	1.6885
		12	0.0690	0.0249	0.0228							
349	7	10	0.896	6.18	-0.00	1.4037	1.8232	0.1490	0.0480	0.0496	1.7159	1.7712
		11	0.0796	0.0233	0.0290	1.7349	1.7544	0.0738	0.0226	0.0261	1.5337	1.7736
		12	0.1427	0.0495	0.0500							
349	8	10	0.897	9.26	-0.00	1.3989	1.8017	0.2256	0.0701	0.0825	1.5546	1.8280
		11	0.1332	0.0372	0.0479	1.5575	1.8336	0.1224	0.0356	0.0445	1.4539	1.8188
		12	0.2294	0.0714	0.0841							
349	9	10	0.899	12.45	-0.00	1.4132	1.8182	0.3299	0.0906	0.1232	1.3733	1.8669
		11	0.1879	0.0531	0.0683	1.0256	1.8569	0.1654	0.0524	0.0619	1.5843	1.8724
		12	0.3390	0.0695	0.1259							
349	10	10	0.894	-0.04	-0.00	0.6980	2.1743	0.0012	0.0003	0.0017	1.4584	1.8824
		11	0.0095	0.0013	0.0041	1.8584	1.1286	0.0053	0.0023	0.0016	2.2355	1.5663
		12	0.0109	0.0040	0.0024							
350	1	10	0.899	-3.08	-0.00	1.9666	1.6266	-0.0370	-0.0144	-0.0126	1.9475	1.7133
		11	-0.0537	-0.0211	-0.0174	1.8648	1.8525	-0.0600	-0.0206	-0.0204	1.7236	1.7031
		12	-0.0335	-0.0125	-0.0124							
350	2	10	0.900	-0.03	-0.00							

Run Pt. Cd

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																									
350	3	10	11	12	0.0051	-0.0002	0.0027	-0.2326	2.6660	-0.0004	-0.0002	0.0004	2.8783	-5.1582	0.0065	0.0026	0.0012	2.0492	0.9427	0.0030	-0.0016	0.0006	2.6797	0.0006	0.0004	2.8783	-5.1582
350	3	10	11	12	0.899	1.03	-0.00	1.3880	1.9167	0.0184	0.0065	1.7766	1.9909	0.0231	0.0064	0.0078	1.6730	1.5345	0.0205	0.0079	0.0066	1.9449	0.0066	0.0073	1.7766	1.9909	
350	4	10	11	12	0.899	3.11	-0.00	1.7043	1.8690	0.0633	0.0224	1.7674	1.7837	0.0438	0.0149	0.0218	1.7966	1.6361	0.0370	0.0148	0.0125	1.7019	0.0125	0.0226	1.7674	1.7837	
350	5	10	11	12	0.900	6.21	-0.00	1.2673	1.9560	0.1402	0.0478	1.7070	1.7684	0.0575	0.0145	0.0225	1.7221	1.7396	0.0429	0.0120	0.0160	1.4034	0.0160	0.0494	1.7070	1.7684	
350	6	10	11	12	0.1248	9.28	-0.00	1.3270	1.8018	0.2275	0.0705	1.5504	1.8309	0.2534	0.0331	0.0450	1.5490	1.8319	0.1090	0.0303	0.0399	1.5697	0.0399	0.0833	1.5504	1.8309	
350	7	10	11	12	0.900	12.46	-0.00	1.4025	1.8252	0.3294	0.0905	1.3744	1.8633	0.1875	0.0694	0.1268	1.4025	1.8552	0.1589	0.0504	0.0595	1.5883	0.0595	0.1287	1.3744	1.8633	
350	8	10	11	12	0.899	-0.003	-0.0027	-0.1007	2.4033	-0.0006	-0.0012	1.0697	1.7194	0.0057	-0.0001	0.0009	-2.0957	1.0123	-0.0021	-0.0012	0.0003	1.0205	0.0003	0.0003	1.0697	1.7194	
351	1	10	11	12	0.898	-3.07	-0.00	1.9622	1.6159	-0.0406	-0.0155	1.9127	1.6753	-0.0554	-0.0217	-0.0139	1.8574	1.8315	-0.0594	-0.0205	-0.0204	1.7293	-0.0204	-0.0136	1.9127	1.6753	
351	2	10	11	12	0.898	-0.004	-0.0020	0.2754	2.0982	-0.0028	-0.0015	0.7398	1.3538	0.0072	0.0004	0.0009	1.9876	0.9006	-0.0028	-0.0015	0.0006	2.6551	0.0006	0.0006	0.7398	1.3538	
351	3	10	11	12	0.898	1.03	-0.00	1.3122	1.9564	0.0174	0.0061	1.7670	1.5127	0.0218	0.0056	0.0075	1.8451	1.5110	0.0178	0.0061	0.0056	1.9595	0.0056	0.0070	1.7670	1.5127	
351	4	10	11	12	0.898	3.13	-0.00	1.7148	1.9074	0.0622	0.0219	1.7801	1.7809	0.0402	0.0138	0.0225	1.7970	1.6512	0.0525	0.0219	0.0211	1.7801	0.0211	0.0221	1.7801	1.7809	

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																																															
351	5	10	0.897	6.122	-0.000	1.1858	1.9750	0.1410	0.0479	0.0504	1.6986	1.7875	0.0516	0.0122	0.0499	1.7242	1.7484	0.0347	0.0089	0.0129	1.2907	1.6589	0.1427	0.0492	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499	0.0499										
351	6	10	0.899	9.30	-0.00	1.3119	1.7927	0.2265	0.0703	0.0628	1.5514	1.8284	0.1235	0.0324	0.0443	1.5472	1.8271	0.1033	0.0281	0.0378	1.3626	1.8328	0.2349	0.0727	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858	0.0858								
351	7	10	0.897	12.45	-0.00	1.3994	1.8162	0.3280	0.0905	0.1217	1.3798	1.8562	0.1902	0.0522	0.0691	1.0051	1.8580	0.1603	0.0512	0.0602	1.3798	1.8562	0.3429	0.0689	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691	0.0691						
351	8	10	0.899	-0.004	-0.00	3.1615	3.1615	-0.0010	-0.0003	0.0006	1.8836	3.0411	0.0033	-0.0008	0.0000	-1.3205	0.0016	0.0023	0.0014	0.0003	0.0003	3.0195	0.6537	0.0030	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000							
352	1	10	0.898	-3.05	-0.00	1.9623	1.6146	-0.0510	-0.0190	-0.0165	1.8691	1.6261	0.0564	0.0221	-0.0182	1.8038	1.7952	-0.0628	-0.0217	-0.0211	1.7333	1.6843	0.0439	0.0158	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157	0.0157					
352	2	10	0.897	-0.007	-0.00	3.2906	3.2906	-0.0035	-0.0012	0.0001	1.7894	-0.2173	0.0032	0.0009	-0.0021	-1.1696	-0.9997	0.0008	0.0009	-0.0003	0.0003	1.5582	-0.2173	0.0015	0.0009	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003				
352	3	10	0.898	1.02	-0.00	1.3626	2.0031	0.0138	0.0050	0.0057	1.8200	2.0858	0.0203	0.0055	0.0081	1.8560	1.5613	0.0119	0.0048	0.0038	2.0498	2.0858	0.0206	0.0076	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064	0.0064				
352	4	10	0.898	3.11	-0.00	1.7126	1.9980	0.0581	0.0204	0.0213	1.7636	1.8371	0.0360	0.0123	0.0144	1.7914	1.6262	0.0279	0.0118	0.0100	2.1229	1.8371	0.0688	0.0246	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223	0.0223			
352	5	10	0.898	6.20	-0.00	0.9921	2.1359	0.1399	0.0475	0.0495	1.6987	2.4233	0.0325	0.0064	0.0139	0.7199	1.7607	0.0103	0.0011	0.0049	0.5751	2.4233	0.0427	0.0491	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502	0.0502			
352	6	10	0.898	9.30	-0.00	1.2939	1.8002	0.2277	0.0705	0.0832	1.5493	1.8264	0.1193	0.0308	0.0429	1.5466	1.8292	0.1028	0.0280	0.0377	1.3640	1.8264	0.2335	0.0722	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	0.0854	
352	7	10	0.898	12.44	-0.00	1.3975	1.8111	0.3309	0.0908	0.1231	1.3720	1.8598	0.1845	0.0615	0.0668	1.0158	1.8529	0.1587	0.0503	0.0594	1.5865	1.8598	0.3420	0.0694	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668	0.0668

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
352	0	10	0.096	-0.003	-0.0001	-0.3920	2.1640	-0.0048	-0.0016	-0.0003	1.6892	0.3246						
		11	0.0049	-0.0003	0.0021	-0.0001	-0.5870	-0.0011	0.0001	-0.0006	-0.7110	2.6803						
		12	0.0012	0.0007	-0.0001	5.0040												
353	1	10	0.898	-3.05	-0.00	1.9834	1.6292	-0.0629	-0.0224	-0.0201	1.7839	1.6054						
		11	-0.0545	-0.0216	-0.0177	1.7580	1.7260	-0.0652	-0.0220	-0.0214	1.7419	1.6975						
		12	-0.0532	-0.0187	-0.0183													
353	2	10	0.898	-0.02	-0.00	-2.5952	3.0539	-0.0106	-0.0036	-0.0022	1.7199	1.0321						
		11	0.0022	-0.0011	0.0013	1.2514	1.9999	-0.0049	-0.0010	-0.0016	1.0948	1.6872						
		12	-0.0053	-0.0013	-0.0021													
353	3	10	0.897	1.03	-0.00	1.2530	1.9749	0.0110	0.0039	0.0050	1.7866	2.2990						
		11	0.0180	0.0045	0.0071	1.8824	1.5033	0.0111	0.0048	0.0056	2.1638	1.6579						
		12	0.0185	0.0069	0.0055													
353	4	10	0.899	3.13	-0.00	1.7048	1.9453	0.0580	0.0204	0.0210	1.7586	1.8164						
		11	0.0343	0.0117	0.0133	1.7999	1.6476	0.0250	0.0107	0.0092	2.1449	1.8508						
		12	0.0634	0.0228	0.0209													
353	5	10	0.901	6.22	-0.00	0.6161	2.7185	0.1429	0.0484	0.0505	1.6955	1.7666						
		11	0.0143	0.0017	0.0078	1.7148	1.7483	-0.0058	-0.0023	0.0000	3.0089	-0.0080						
		12	0.1447	0.0496	0.0506													
353	6	10	0.899	9.28	-0.00	1.2792	1.6014	0.2275	0.0704	0.0627	1.5489	1.8184						
		11	0.1173	0.0300	0.0422	1.5446	1.8204	0.0949	0.0255	0.0344	1.3447	1.8154						
		12	0.2351	0.0726	0.0856													
353	7	10	0.900	12.46	-0.00	1.3945	1.8137	0.3351	0.0911	0.1254	1.3593	1.8713						
		11	0.1785	0.0497	0.0647	1.0154	1.8528	0.1546	0.0490	0.0578	1.5872	1.8693						
		12	0.3407	0.0692	0.1262													
353	8	10	0.899	-0.00	-0.00	-1.8342	2.9834	-0.0081	-0.0027	-0.0014	1.7074	0.8683						
		11	0.0028	-0.0010	0.0016	1.5191	1.9230	-0.0010	0.0001	-0.0010	-0.7922	0.8422						
		12	-0.0055	-0.0014	-0.0021													
354	1	10	0.899	-3.04	-0.00	2.0034	1.6117	-0.0622	-0.0290	-0.0261	1.7652	1.5922						
		11	-0.0556	-0.0223	-0.0179	1.6484	1.6522	-0.0616	-0.0217	-0.0210	1.7591	1.7062						
		12	-0.0738	-0.0243	-0.0243													
354	2	10	0.897	-0.001	-0.00	38.2433	14.9215	-0.0139	-0.0050	-0.0036	1.8087	1.2902						
		11	0.0002	-0.0019	0.0007	-38.2433												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run Pt.	Cd	-0.0100	-0.0051	-0.0036	1.5479	1.6376	-0.0049	-0.0010	-0.0021	1.0089	2.1646
354	3	0.900	1.05	-0.00	1.1877	2.0269	0.0092	0.0031	0.0045	1.6842	2.4336
	11	0.0166	0.0039	0.0067	1.8780	1.5092	0.0118	0.0048	0.0036	2.0497	1.5314
	12	0.0137	0.0051	0.0041	1.6887	1.9927	0.0575	0.0201	0.0207	1.7490	1.8023
354	4	0.899	3.13	-0.00	1.7892	1.6600	0.0248	0.0106	0.0091	2.1374	1.8353
	11	0.0338	0.0114	0.0134	0.7477	3.1111	0.1386	0.0469	0.0492	1.6929	1.7757
	12	0.0619	0.0221	0.0205	1.7025	1.7559	-0.0125	-0.0029	-0.0025	1.1674	1.0174
354	5	0.900	6.22	-0.00	1.2495	1.8173	0.2289	0.0708	0.0834	1.5482	1.8219
	11	0.0101	0.0015	0.0062	1.5505	1.8328	0.0885	0.0233	0.0323	1.3171	1.8282
	12	0.1450	0.0493	0.0509	1.3788	1.8188	0.3297	0.0906	0.1230	1.3748	1.8664
354	6	0.898	9.30	-0.00	1.0152	1.8536	0.1432	0.0453	0.0539	1.5817	1.8824
	11	0.1731	0.0477	0.0630	-2.2574	2.6436	-0.0151	-0.0055	-0.0034	1.8324	1.1358
	12	0.3406	0.0691	0.1262	1.3664	1.9036	-0.0045	-0.0010	-0.0018	1.1798	1.9866
354	7	0.898	12.46	-0.00	2.0170	1.6094	-0.1309	-0.0479	-0.0423	1.8309	1.6179
	11	0.0225	-0.0011	0.0013	1.7343	1.6496	-0.0634	-0.0227	-0.0219	1.7928	1.7337
	12	-0.0076	-0.0020	-0.0029	-2.3576	3.3512	-0.0046	-0.0013	-0.0019	1.7827	1.3484
354	8	0.897	3.00	-0.00	1.6111	1.9276	0.0047	0.0016	0.0032	1.7256	3.4832
	11	0.0543	-0.0219	0.0174	1.8110	1.2497	0.0162	0.0062	0.0050	1.9196	1.5429
	12	-0.1205	-0.0418	-0.0397	1.6706	1.6460	0.0559	0.0197	0.0204	1.7682	1.8283
355	1	0.897	0.04	-0.00	1.7806	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	11	0.0027	-0.0012	0.0018	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	12	-0.0165	-0.0060	-0.0059	6.22	6.22	-0.00	-0.00	-0.00	-0.00	-0.00
355	2	0.896	1.06	-0.00	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	11	0.0187	0.0043	0.0072	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	12	0.0104	0.0037	0.0026	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
355	3	0.898	3.15	-0.00	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	11	0.0389	0.0130	0.0147	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	12	0.0616	0.0219	0.0202	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
355	4	0.897	6.22	-0.00	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	11	0.0616	0.0219	0.0202	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	12	0.0616	0.0219	0.0202	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
355	5	0.897	6.22	-0.00	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	11	0.0616	0.0219	0.0202	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268
	12	0.0616	0.0219	0.0202	1.6706	1.6460	0.0278	0.0116	0.0101	1.0822	1.8268

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
355	6	11	0.0202	0.0023	0.0099	1.5153	2.4653	0.1565	0.0464	0.0460	1.7001	1.7613						
	12	12	0.1426	0.0487	0.0505	1.7077	1.7725	-0.0076	-0.0011	-0.0012	0.7860	0.7899						
355	6	11	0.0999	9.31	-0.00	1.1716	1.8164	0.2307	0.0713	0.0845	1.5454	1.6334						
	12	12	0.0937	0.0219	0.0340	1.5441	1.8274	0.0654	0.0159	0.0245	1.2217	1.8744						
355	7	10	0.096	12.48	-0.00	1.3268	1.8195	0.3268	0.0902	0.1221	1.3812	1.8682						
	11	11	0.1593	0.0422	0.0579	1.0095	1.8564	0.1304	0.0406	0.0486	1.5591	1.8657						
355	8	10	0.098	0.05	-0.00	-1.0366	2.0685	-0.0230	-0.0082	-0.0061	1.7810	1.3265						
	11	11	0.0044	-0.0009	0.0018	1.8144	1.7139	-0.0015	-0.0003	-0.0012	1.0689	1.8045						
356	6	10	0.598	0.00	89.99	0.2680	1.5056	0.0180	-0.0006	0.0048	-0.1819	1.3531						
	11	11	0.0060	0.0003	0.0018	1.5570	-0.1441	0.0225	0.0012	0.0053	0.2862	1.1778						
356	7	10	0.598	0.00	89.99	-0.0121	1.5002	0.0157	-0.0014	0.0043	-0.4656	1.2770						
	11	11	0.0051	-0.0008	0.0015	1.2411	-1.0354	0.0210	0.0006	0.0043	0.1464	1.0258						
356	8	10	0.598	-0.00	89.99	0.6188	1.5518	0.0169	-0.0011	0.0045	-0.3316	1.3558						
	11	11	0.0076	0.0009	0.0023	1.6665	0.9153	0.0184	0.0000	0.0041	0.0123	1.1306						
356	9	10	0.599	-0.00	89.99	0.5143	1.7125	0.0175	-0.0008	0.0046	-0.2532	1.3834						
	11	11	0.0069	0.0007	0.0023	1.4500	0.0029	0.0210	0.0008	0.0047	0.2002	1.1229						
356	10	10	0.599	-0.00	89.99	0.4662	1.8511	0.0140	-0.0020	0.0035	-0.7237	1.2696						
	11	11	0.0064	0.0005	0.0023	1.5314	0.6445	0.0153	-0.0012	0.0029	-0.3919	0.9458						
356	11	10	0.599	-0.00	89.99	-0.4433	1.4924	0.0144	-0.0018	0.0038	-0.6240	1.3352						
	11	11	0.0041	-0.0003	0.0012	-0.2525	-9.9568	0.0194	0.0002	0.0041	0.0706	1.0708						
356	12	10	0.600	-0.00	89.99	-0.4433	1.4924	0.0160	-0.0012	0.0042	-0.3819	1.3359						
	11	11	0.0041	-0.0003	0.0012	-0.4433	1.4924	0.0176	-0.0004	0.0034	-0.1150	0.9809						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
357	1	10	0.600	-0.0019	-90.00	-0.5078	1.4619	0.0059	0.0022	0.0032	1.9272	2.7463								
		11	0.0193	-0.0010	0.0056	-0.3171	0.9024	0.0038	0.0021	0.0019	2.7968	2.4957								
		12	0.0163	-0.0010	0.0029															
357	2	10	0.600	0.00	-90.00	-0.3928	1.4083	0.0045	0.0018	0.0029	2.0160	3.2793								
		11	0.0206	-0.0016	0.0058	-0.1663	1.0302	0.0052	0.0026	0.0023	2.4905	2.2344								
		12	0.0177	-0.0005	0.0036															
357	3	10	0.600	0.00	-90.00	-0.6618	1.3353	0.0043	0.0017	0.0029	1.9715	3.4264								
		11	0.0186	-0.0024	0.0049	-0.2819	1.0206	0.0059	0.0028	0.0024	2.3904	2.0895								
		12	0.0165	-0.0009	0.0033															
357	4	10	0.599	0.00	-90.00	-0.4608	1.3664	0.0011	0.0005	0.0018	2.3815	7.7391								
		11	0.0202	-0.0016	0.0055	-0.1298	1.0011	0.0026	0.0016	0.0013	3.0483	2.6310								
		12	0.0183	-0.0004	0.0036															
357	5	10	0.599	-0.00	-90.00	-1.6906	1.3307	0.0018	0.0007	0.0024	2.1238	6.4569								
		11	0.0129	-0.0043	0.0034	-0.4481	0.9094	0.0030	0.0018	0.0012	3.0399	2.0563								
		12	0.0155	-0.0013	0.0028															
357	6	10	0.599	0.00	-90.00	-0.4608	1.3664	0.0045	0.0018	0.0027	2.0117	2.9569								
		11	0.0202	-0.0016	0.0055	-0.0976	1.0290	0.0046	0.0024	0.0018	2.6171	1.9569								
		12	0.0185	-0.0003	0.0038															
357	7	10	0.599	0.00	-90.00	-0.1414	1.4456	0.0010	0.0006	0.0021	3.2585	10.0927								
		11	0.0235	-0.0006	0.0067	0.1354	1.1262	0.0056	0.0028	0.0024	2.5273	2.2066								
		12	0.0206	0.0005	0.0046															
358	1	10	0.600	-0.00	-0.00	0.5728	2.2518	0.0024	0.0009	0.0019	1.8929	4.1333								
		11	0.0074	0.0008	0.0033	2.0801	0.9127	0.0056	0.0026	0.0012	2.3413	1.1012								
		12	0.0030	0.0012	0.0005															
358	2	10	0.599	0.00	-0.00	0.0244	2.7697	0.0010	0.0004	0.0015	2.2556	7.7106								
		11	0.0048	0.0000	0.0026	2.3563	-0.4608	0.0011	0.0010	-0.0002	4.6883	-1.2091								
		12	0.0015	0.0007	-0.0001															
358	3	10	0.599	-0.00	-0.00	0.4527	2.1790	0.0013	0.0004	0.0017	1.6914	6.4434								
		11	0.0067	0.0006	0.0029	1.9417	0.7816	0.0034	0.0018	0.0005	2.7365	0.8168								
		12	0.0063	0.0024	0.0009															
358	4	10	0.600	-0.00	-0.00	-0.2500	2.7007	0.0005	0.0003	0.0011	3.2772	10.8454								
		11	0.0044	-0.0002	0.0023	-2.1861	0.8094	0.0060	0.0028	0.0013	2.3857	1.2631								
		12	0.0034	-0.0015	0.0005															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
358	5	10	0.599	0.000	0.000	-0.000	0.000	0.000	-0.1105	2.9402	0.0027	0.0009	0.0021	1.6669	3.9238			
		11	0.0043	-0.0018	0.0007	0.0007	0.0007	0.0007	1.9867	0.7489	0.0061	0.0035	0.0020	2.1923	1.2805			
		12	0.0047	0.0018	0.0007	0.0007	0.0007	0.0007	1.9867	0.7489	0.0061	0.0035	0.0020	2.1923	1.2805			
359	3	10	1.247	-0.0212	0.0000	0.0000	0.0000	0.0000	1.8571	1.6002	0.0062	-0.0036	0.0019	-2.8747	1.5614			
		11	0.0698	-0.0212	0.0000	0.0000	0.0000	0.0000	1.6634	1.8197	0.0055	-0.0032	-0.0002	-2.9128	-0.2074			
		12	-0.0639	-0.0212	0.0000	0.0000	0.0000	0.0000	1.6634	1.8197	0.0055	-0.0032	-0.0002	-2.9128	-0.2074			
359	4	10	1.248	-0.0050	0.0000	0.0000	0.0000	0.0000	0.6100	2.6043	0.0003	-0.0041	-0.0001	-52.8124	-1.4116			
		11	0.0073	0.0050	0.0000	0.0000	0.0000	0.0000	2.9471	0.9127	0.0042	-0.0024	-0.0005	-2.8493	-0.6595			
		12	0.0066	0.0050	0.0000	0.0000	0.0000	0.0000	2.9471	0.9127	0.0042	-0.0024	-0.0005	-2.8493	-0.6595			
359	5	10	1.250	0.0109	0.0000	0.0000	0.0000	0.0000	1.5786	1.8602	-0.0018	-0.0041	-0.0004	11.0691	1.2220			
		11	0.0347	0.0153	0.0000	0.0000	0.0000	0.0000	2.2265	1.4382	0.0033	-0.0020	-0.0007	-3.0019	-1.1604			
		12	0.0344	0.0153	0.0000	0.0000	0.0000	0.0000	2.2265	1.4382	0.0033	-0.0020	-0.0007	-3.0019	-1.1604			
359	6	10	1.250	0.0326	0.0000	0.0000	0.0000	0.0000	1.5848	1.7857	-0.0018	-0.0038	-0.0009	10.1796	2.4301			
		11	0.0918	0.0326	0.0000	0.0000	0.0000	0.0000	1.8758	1.6456	0.0065	-0.0015	0.0004	-1.1670	0.3378			
		12	0.0869	0.0326	0.0000	0.0000	0.0000	0.0000	1.8758	1.6456	0.0065	-0.0015	0.0004	-1.1670	0.3378			
359	7	10	1.251	0.0551	0.0000	0.0000	0.0000	0.0000	1.3505	1.7671	-0.0026	-0.0047	-0.0011	8.9522	2.1397			
		11	0.1913	0.0551	0.0000	0.0000	0.0000	0.0000	1.5497	1.7276	0.0126	-0.0003	0.0024	-0.1186	0.9657			
		12	0.1779	0.0551	0.0000	0.0000	0.0000	0.0000	1.5497	1.7276	0.0126	-0.0003	0.0024	-0.1186	0.9657			
359	8	10	1.250	0.0714	0.0000	0.0000	0.0000	0.0000	1.0951	1.7915	-0.0037	-0.0062	-0.0013	8.3214	1.8367			
		11	0.3088	0.0714	0.0000	0.0000	0.0000	0.0000	1.2242	1.7687	0.0183	-0.0005	0.0036	0.1555	1.0071			
		12	0.2917	0.0714	0.0000	0.0000	0.0000	0.0000	1.2242	1.7687	0.0183	-0.0005	0.0036	0.1555	1.0071			
359	9	10	1.250	0.0816	0.0000	0.0000	0.0000	0.0000	0.9408	1.7924	-0.0060	-0.0073	-0.0026	6.0430	2.1704			
		11	0.4285	0.0816	0.0000	0.0000	0.0000	0.0000	1.0015	1.7923	0.0239	-0.0015	0.0056	0.3155	1.1880			
		12	0.4075	0.0816	0.0000	0.0000	0.0000	0.0000	1.0015	1.7923	0.0239	-0.0015	0.0056	0.3155	1.1880			
359	10	10	1.250	-0.0009	0.0000	0.0000	0.0000	0.0000	0.6158	2.8328	0.0000	-0.0028	-0.0002	-4.5602	-23.2076			
		11	0.0073	0.0050	0.0000	0.0000	0.0000	0.0000	2.3739	1.0047	0.0016	-0.0015	-0.0013	-4.5602	-4.0363			
		12	0.0106	0.0050	0.0000	0.0000	0.0000	0.0000	2.3739	1.0047	0.0016	-0.0015	-0.0013	-4.5602	-4.0363			
360	1	10	1.249	-0.0275	0.0000	0.0000	0.0000	0.0000	1.8533	1.6048	0.0043	-0.0026	0.0013	-3.0761	1.5786			
		11	-0.0742	-0.0275	0.0000	0.0000	0.0000	0.0000	1.6302	1.7896	0.0036	-0.0015	-0.0008	-2.1142	-1.2221			
		12	-0.0713	-0.0275	0.0000	0.0000	0.0000	0.0000	1.6302	1.7896	0.0036	-0.0015	-0.0008	-2.1142	-1.2221			
360	2	10	1.250	-0.0000	0.0000	0.0000	0.0000	0.0000	-1.5195	4.7905	0.0003	-0.0023	-0.0006	-36.4778	-1.7786			
		11	0.0026	-0.0034	0.0000	0.0000	0.0000	0.0000	-3.4994	0.4482	0.0038	-0.0009	-0.0006	-1.2827	-0.6781			
		12	0.0049	-0.0034	0.0000	0.0000	0.0000	0.0000	-3.4994	0.4482	0.0038	-0.0009	-0.0006	-1.2827	-0.6781			

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →											
360	5	10	1.259	1.04	44.99	1.5781	1.9172	-0.0017	-0.0029	-0.0009	0.4721	2.6171		
	11	11	0.0297	0.0094	0.0114	2.1369	1.4460	0.0031	-0.0012	-0.0011	-1.9933	-1.7843		
	12	12	0.0318	0.0135	0.0091									
360	4	10	1.250	3.16	44.99	1.5817	1.8287	-0.0043	-0.0037	-0.0017	4.3060	1.9534		
	11	11	0.0853	0.0270	0.0312	1.8860	1.6854	0.0090	-0.0003	0.0007	-0.1714	0.4285		
	12	12	0.0785	0.0296	0.0264									
360	5	10	1.248	6.30	44.99	1.3551	1.7707	-0.0036	-0.0045	-0.0012	6.3000	1.7335		
	11	11	0.1827	0.0495	0.0647	1.5537	1.7211	0.0144	0.0005	0.0027	0.1837	0.9547		
	12	12	0.1698	0.0527	0.0584									
360	6	10	1.250	9.47	44.99	1.0994	1.7812	-0.0033	-0.0055	-0.0017	8.1811	2.5335		
	11	11	0.3054	0.0671	0.1088	1.2304	1.7641	0.0183	0.0004	0.0037	0.1274	1.0325		
	12	12	0.2877	0.0708	0.1015									
360	7	10	1.248	12.65	45.00	0.9428	1.7893	-0.0043	-0.0066	-0.0019	7.6016	2.2440		
	11	11	0.4241	0.0799	0.1517	1.0053	1.7889	0.0235	0.0014	0.0053	0.5032	1.1365		
	12	12	0.4058	0.0816	0.1452									
360	8	10	1.246	0.01	44.99	-1.0609	3.9221	-0.0015	-0.0036	-0.0006	11.5382	2.1695		
	11	11	0.0030	-0.0006	0.0023	3.6233	0.7342	0.0027	-0.0018	-0.0013	-3.3382	-2.4686		
	12	12	0.0053	0.0038	0.0007									
361	1	10	1.247	-3.11	44.99	1.8556	1.6110	0.0023	-0.0031	0.0006	-6.7022	1.4726		
	11	11	-0.0760	-0.0282	-0.0244	1.6157	1.7783	0.0044	-0.0015	-0.0011	-1.7451	-1.2589		
	12	12	-0.0736	-0.0238	-0.0262									
361	2	10	1.249	0.02	44.99	-0.6276	3.4528	-0.0008	-0.0025	-0.0007	14.8721	4.5954		
	11	11	0.0035	-0.0004	0.0024	4.3431	0.6215	0.0037	-0.0013	-0.0011	-1.8070	-1.4953		
	12	12	0.0036	0.0031	0.0004									
361	3	10	1.249	1.06	44.99	1.6174	1.9281	-0.0016	-0.0025	-0.0012	7.9713	3.8965		
	11	11	0.0279	0.0090	0.0107	2.2275	1.5021	0.0040	-0.0011	-0.0010	-1.4412	-1.2443		
	12	12	0.0277	0.0123	0.0083									
361	4	10	1.248	3.15	44.99	1.5792	1.7981	-0.0027	-0.0034	-0.0014	6.2078	2.6961		
	11	11	0.0617	0.0258	0.0294	1.9024	1.6842	0.0093	-0.0001	0.0008	-0.0666	0.4741		
	12	12	0.0771	0.0293	0.0259									
361	5	10	1.247	6.31	44.99	1.3491	1.7765	-0.0046	-0.0045	-0.0020	4.9365	2.3341		
	11	11	0.1799	0.0483	0.0639	1.5544	1.7245	-0.0153	0.0007	0.0020	0.2336	0.9036		
	12	12	0.1667	0.0518	0.0575									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
361	6	10	1.249	9.47	44.99	1.1028	1.7852	-0.0038	-0.0053	-0.0018	6.9640	2.3878						
	11	11	0.5010	0.0663	0.1074	1.2354	1.7655	0.0185	0.0006	0.0034	0.1783	0.9243						
	12	12	0.2850	0.0704	0.1006													
361	7	10	1.248	12.67	45.00	0.9384	1.7858	-0.0045	-0.0065	-0.0022	7.1982	2.5030						
	11	11	0.4255	0.0798	0.1519	1.0065	1.7895	0.0242	0.0011	0.0052	0.2326	1.0756						
	12	12	0.4051	0.0815	0.1450													
361	8	10	1.248	0.01	44.99	-3.9501	5.4610	-0.0010	-0.0028	-0.0011	15.4457	5.3515						
	11	11	0.0015	-0.0012	0.0016	6.1641	-0.2534	0.0046	-0.0010	-0.0010	-1.1430	-1.0686						
	12	12	0.0022	0.0027	-0.0001													
362	1	10	1.248	-3.09	44.99	1.8185	1.6089	0.0016	-0.0029	-0.0001	-8.7361	-0.3349						
	11	11	-0.0821	-0.0298	-0.0264	1.5606	1.7289	0.0045	-0.0016	-0.0011	-1.8145	-1.2320						
	12	12	-0.0801	-0.0250	-0.0277													
362	2	10	1.250	0.03	44.99	10.5472	10.1858	-0.0012	-0.0023	-0.0016	9.2788	6.2341						
	11	11	-0.0006	-0.0012	0.0012	30.8996	11.4184	0.0045	-0.0011	-0.0011	-1.2802	-1.2257						
	12	12	-0.0003	0.0024	-0.0008													
362	3	10	1.248	1.07	44.99	1.6337	1.9783	-0.0022	-0.0029	-0.0014	6.6130	3.3345						
	11	11	0.0233	0.0076	0.0092	2.3928	1.4814	0.0048	-0.0009	-0.0007	-1.0192	-0.8077						
	12	12	0.0239	0.0114	0.0070													
362	4	10	1.248	3.19	44.99	1.6090	1.8035	-0.0036	-0.0032	-0.0021	4.3571	2.9483						
	11	11	0.0798	0.0256	0.0287	1.9393	1.7157	0.0114	0.0000	0.0012	0.0157	0.5340						
	12	12	0.0706	0.0273	0.0242													
362	5	10	1.250	6.33	44.99	1.2813	1.7833	-0.0028	-0.0030	-0.0018	5.2668	3.1779						
	11	11	0.1708	0.0437	0.0609	1.5249	1.7385	0.0158	0.0012	0.0027	0.4081	0.8792						
	12	12	0.1600	0.0488	0.0556													
362	6	10	1.248	9.51	44.99	1.1063	1.7813	-0.0023	-0.0050	-0.0017	10.8107	3.6559						
	11	11	0.2997	0.0663	0.1068	1.2363	1.7661	0.0190	0.0004	0.0036	0.1209	0.9615						
	12	12	0.2836	0.0701	0.1001													
362	7	10	1.248	12.68	44.99	0.9355	1.7867	-0.0058	-0.0065	-0.0028	5.6338	2.4583						
	11	11	0.4260	0.0797	0.1522	1.0111	1.7854	0.0242	0.0009	0.0052	0.1937	1.0781						
	12	12	0.4033	0.0815	0.1440													
362	8	10	1.249	0.02	44.99	4.8354	-1.3358	-0.0007	-0.0023	-0.0012	15.1450	7.9606						
	11	11	-0.0021	-0.0020	0.0005	17.6459	7.3966	0.0042	-0.0013	-0.0012	-1.5901	-1.8448						
	12	12	-0.0006	0.0021	-0.0008													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	←	→	See Key	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→		
364	7	12	0.0617	0.0254	0.0207	2.0643	1.6796	0.0089	-0.0005	0.0012	-0.2870	0.6811															
		10	1.249	6.37	44.99																						
		11	0.1514	0.0360	0.0377	1.1900	1.9080	-0.0033	-0.0028	-0.0010	4.2090	1.5273															
		12	0.1321	0.0376	0.0485	1.4259	1.8373	0.0159	0.0004	0.0037	0.1532	1.1806															
364	8	10	1.250	9.56	44.99	1.1364	1.7717	-0.0043	-0.0043	-0.0011	5.0304	1.3174															
		11	0.2925	0.0664	0.1036	1.2770	1.7649	0.0184	-0.0000	0.0044	-0.0095	1.2025															
		12	0.2644	0.0675	0.0933																						
364	9	10	1.249	12.72	44.99	0.9532	1.7771	-0.0035	-0.0051	-0.0010	7.2425	1.4449															
		11	0.4215	0.0803	0.1498	1.0220	1.7888	0.0219	0.0001	0.0056	0.0414	1.2929															
		12	0.3919	0.0801	0.1402																						
364	10	10	1.248	0.08	44.99	2.0330	0.9887	-0.0009	-0.0020	-0.0005	10.4280	2.9653															
		11	-0.0125	-0.0051	-0.0022	0.9415	1.8807	0.0018	-0.0017	-0.0005	-4.8120	-1.5581															
		12	-0.0149	-0.0028	-0.0056																						
365	1	10	1.250	-2.98	44.99	1.8101	1.5628	-0.0053	-0.0028	-0.0022	2.6188	2.1394															
		11	-0.1199	-0.0434	-0.0374	1.5905	1.6397	0.0040	-0.0017	-0.0002	-2.1715	-0.2791															
		12	-0.1268	-0.0403	-0.0415																						
365	2	10	1.249	0.16	44.99	1.9780	1.2721	-0.0031	-0.0025	-0.0011	4.0481	1.8158															
		11	-0.0184	-0.0072	-0.0046	1.1808	1.9138	0.0031	-0.0015	-0.0004	-2.4928	-0.7195															
		12	-0.0222	-0.0052	-0.0085																						
365	3	10	1.248	1.17	44.99	1.1656	2.1268	-0.0028	-0.0025	-0.0010	4.4037	1.7745															
		11	0.0116	0.0027	0.0049	4.3255	1.1401	0.0034	-0.0016	-0.0002	-2.4043	-0.3275															
		12	0.0049	0.0042	0.0011																						
365	4	10	1.248	3.30	44.99	1.7059	1.7658	-0.0048	-0.0030	-0.0014	3.2095	1.6579															
		11	0.0707	0.0241	0.0249	2.1680	1.6494	0.0094	-0.0010	0.0016	-0.5333	0.7645															
		12	0.0557	0.0241	0.0184																						
365	5	10	1.247	6.42	44.99	1.2552	1.9704	-0.0053	-0.0032	-0.0017	3.0454	1.5913															
		11	0.1366	0.0343	0.0538	1.5123	2.0178	0.0193	0.0009	0.0047	0.2580	1.2307															
		12	0.1104	0.0333	0.0445																						
365	6	10	1.247	9.59	45.00	1.1682	1.7714	-0.0040	-0.0041	-0.0013	5.2009	1.7089															
		11	0.2796	0.0653	0.0990	1.3078	1.7652	0.0249	0.0027	0.0064	0.5421	1.2858															
		12	0.2550	0.0667	0.0900																						
365	7	10	1.249	12.75	45.00																						

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key														
365	8	11	0.4154	0.0793	0.1479	0.9556	1.7808	-0.0033	-0.0053	-0.0011	7.9725	1.7026					
		12	0.3886	0.0803	0.1388	1.0332	1.7862	0.0276	0.0029	0.0076	0.5304	1.3823					
		10	1.249	0.015	44.99	1.9765	1.2635	-0.0018	-0.0025	-0.0009	6.8163	2.4246					
		11	-0.0198	-0.0078	-0.0050	1.1661	1.8576	0.0027	-0.0019	-0.0005	-3.5058	-1.0175					
		12	-0.0228	-0.0053	-0.0084	1.9269	1.6362	0.0037	-0.0026	0.0000	-3.6130	0.0043					
366	1	10	0.898	-2.97	44.99	1.8044	1.6478	0.0065	-0.0013	0.0002	-1.0647	0.2296					
		11	-0.1209	-0.0466	-0.0395	1.7971	1.3962	0.0081	-0.0017	0.0018	-1.0539	1.1543					
		12	-0.1229	-0.0443	-0.0405	1.4760	1.6252	0.0051	-0.0020	-0.0000	-1.9711	-0.0044					
366	2	10	0.899	0.11	44.99	0.5674	2.2743	0.0060	-0.0023	0.0014	-1.9390	1.1664					
		11	-0.0361	-0.0130	-0.0113	4.6523	-0.3916	0.0029	-0.0028	-0.0007	-4.8400	-1.2817					
		12	0.0019	0.0018	-0.0001	1.7601	1.6613	0.0063	-0.0019	0.0017	-1.5451	1.3620					
366	3	10	0.900	3.19	44.99	1.6755	1.8616	0.0033	-0.0022	0.0006	-4.0370	0.9378					
		11	0.0625	0.0220	0.0193	1.7135	1.9188	0.0173	0.0022	0.0036	0.6345	1.0493					
		12	0.0582	0.0229	0.0193	1.4733	1.7848	0.0045	-0.0023	0.0010	-2.4146	1.3104					
366	4	10	0.900	6.29	44.99	0.8741	1.7544	0.0060	-0.0016	0.0014	-1.3861	1.1609					
		11	0.1437	0.0481	0.0456	0.9424	1.7799	0.0236	0.0032	0.0063	0.6859	1.3504					
		12	0.1188	0.0407	0.0456	1.7903	1.6063	0.0041	-0.0024	-0.0003	-1.2101	-1.0314					
366	5	10	0.900	9.40	44.99	1.4820	1.3972	0.0076	-0.0018	0.0015	-2.8792	-1.0314					
		11	0.2822	0.0831	0.0932	1.6971	1.5217	0.0082	-0.0014	0.0015	-0.8900	0.9509					
		12	0.2612	0.0608	0.0932	1.6040	1.5930	0.0044	-0.0020	-0.0000	-2.2719	-0.0048					
366	6	10	0.699	12.51	44.99	0.6971	1.5217	0.0082	-0.0014	0.0015	-0.8900	0.9509					
		11	0.4214	0.0736	0.1478	1.6971	1.5217	0.0082	-0.0014	0.0015	-0.8900	0.9509					
		12	0.4104	0.0773	0.1461	1.6040	1.5930	0.0044	-0.0020	-0.0000	-2.2719	-0.0048					
366	7	10	0.699	0.11	44.99	1.4820	1.3972	0.0076	-0.0018	0.0015	-2.8792	-1.0314					
		11	-0.0334	-0.0119	-0.0093	1.6971	1.5217	0.0082	-0.0014	0.0015	-0.8900	0.9509					
		12	-0.0344	-0.0102	-0.0110	1.6040	1.5930	0.0044	-0.0020	-0.0000	-2.2719	-0.0048					
367	1	10	0.699	-3.02	44.99	1.4820	1.3972	0.0076	-0.0018	0.0015	-2.8792	-1.0314					
		11	-0.1123	-0.0426	-0.0342	1.6971	1.5217	0.0082	-0.0014	0.0015	-0.8900	0.9509					
		12	-0.1075	-0.0388	-0.0342	1.6040	1.5930	0.0044	-0.0020	-0.0000	-2.2719	-0.0048					

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																							
367	2	10	0.898	0.07	44.99	1.9375	1.3383	0.0090	-0.0011	0.0017	-0.6647	0.9564													
		11	-0.0194	-0.0075	-0.0052	1.3542	1.7262	0.0053	-0.0018	-0.0000	-1.7715	-0.0041													
		12	-0.0177	-0.0048	-0.0061																				
367	3	10	0.897	1.12	44.99	1.4903	1.9857	0.0057	-0.0020	0.0017	-1.8044	1.4953													
		11	0.0124	0.0036	0.0049	2.5007	1.5095	0.0051	-0.0020	-0.0000	-1.9711	-0.0044													
		12	0.0117	0.0058	0.0035																				
367	4	10	0.898	3.17	44.99	1.7765	1.7361	0.0059	-0.0019	0.0015	-1.6290	1.3089													
		11	0.0694	0.0246	0.0241	1.9645	1.6788	0.0110	-0.0001	0.0015	-0.0727	0.6880													
		12	0.0641	0.0252	0.0215																				
367	5	10	0.898	6.24	44.99	1.6533	1.8878	0.0052	-0.0021	0.0009	-2.0968	0.6982													
		11	0.1424	0.0471	0.0537	1.6529	1.8851	0.0177	0.0024	0.0039	0.6902	1.1108													
		12	0.1285	0.0425	0.0484																				
367	6	10	0.898	9.39	44.99	1.4870	1.7593	0.0053	-0.0019	0.0010	-1.8215	1.0330													
		11	0.3004	0.0893	0.1057	1.5608	1.7836	0.0212	0.0032	0.0056	0.7738	1.5230													
		12	0.2791	0.0871	0.0995																				
367	7	10	0.898	12.50	45.00	0.8813	1.7578	0.0026	-0.0026	0.0003	-5.0326	0.5909													
		11	0.4150	0.0731	0.1459	0.9497	1.7815	0.0218	0.0030	0.0059	0.6892	1.5566													
		12	0.4088	0.0776	0.1456																				
367	8	10	0.898	0.07	44.99	1.9308	1.3784	0.0087	-0.0013	0.0018	-0.7559	1.0696													
		11	-0.0222	-0.0085	-0.0061	1.3929	1.7722	0.0055	-0.0017	0.0001	-1.5942	0.1330													
		12	-0.0181	-0.0050	-0.0064																				
368	1	10	0.898	3.06	44.99	1.8773	1.5980	0.0099	-0.0008	0.0020	-0.4091	1.0194													
		11	-0.0983	-0.0369	-0.0314	1.7042	1.6724	0.0042	-0.0021	-0.0003	-2.5162	-0.3642													
		12	-0.0912	-0.0311	-0.0305																				
368	2	10	0.899	0.05	44.99	1.9020	1.1839	0.0076	-0.0015	0.0012	-1.9219	0.8152													
		11	-0.0122	-0.0046	-0.0038	0.8652	1.8554	0.0045	-0.0021	-0.0000	-2.3506	-0.0030													
		12	-0.0103	-0.0017	-0.0038																				
368	3	10	0.900	1.08	44.99	1.5289	2.2539	0.0063	-0.0019	0.0017	-1.5451	1.3620													
		11	0.0112	0.0034	0.0050	2.3992	1.5019	0.0067	-0.0012	0.0006	-0.9445	0.4493													
		12	0.0148	0.0071	0.0044																				
368	4	10	0.898	3.16	44.99	1.7871	1.7537	0.0050	-0.0023	0.0012	-2.3256	1.2519													
		11	0.0682	0.0244	0.0239	1.9876	1.7372	0.0108	-0.0000	0.0016	-0.0146	0.7671													
		12	0.0624	0.0248	0.0216																				

See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
368	5	10	0.898	6.26	44.99	1.5754	1.8358	0.0067	-0.0016	0.0014	-1.2503	1.0414								
		11	0.1530	0.0482	0.0561	1.6725	1.7983	0.0193	0.0025	0.0044	0.6603	1.1383								
		12	0.1437	0.0480	0.0516															
368	6	10	0.899	9.37	45.00	1.4966	1.7604	0.0045	-0.0021	0.0009	-2.4086	1.0360								
		11	0.2961	0.0886	0.1042	1.5636	1.7856	0.0193	0.0021	0.0048	0.7228	1.2530								
		12	0.2812	0.0879	0.1004															
368	7	10	0.898	12.49	45.00	0.8677	1.7602	0.0047	-0.0020	0.0009	-2.1638	0.9892								
		11	0.4225	0.0733	0.1487	0.8982	1.7775	0.0237	0.0040	0.0069	0.8413	1.4669								
		12	0.4169	0.0749	0.1482															
368	8	10	0.899	0.05	44.99	1.8538	1.1923	0.0086	-0.0011	0.0018	-0.6901	1.0861								
		11	-0.0153	-0.0056	-0.0036	0.9577	1.8315	0.0068	-0.0013	0.0002	-1.0135	0.2179								
		12	-0.0112	-0.0021	-0.0041															
369	1	10	0.899	-3.07	44.99	1.8646	1.6698	0.0105	-0.0004	0.0024	-0.2042	1.1809								
		11	-0.0825	-0.0307	-0.0275	1.7083	1.7448	0.0074	-0.0010	0.0006	-0.6772	0.4029								
		12	-0.0776	-0.0265	-0.0271															
369	2	10	0.897	0.01	44.99	2.1478	1.1409	0.0076	-0.0015	0.0017	-1.0278	1.1237								
		11	-0.0060	-0.0025	-0.0013	-1.6885	2.7732	0.0070	-0.0012	0.0004	-0.8963	0.3191								
		12	-0.0024	0.0008	-0.0013															
369	3	10	0.901	1.06	44.99	1.6039	1.8360	0.0067	-0.0016	0.0017	-1.2553	1.2758								
		11	0.0199	0.0064	0.0073	2.1925	1.4999	0.0072	-0.0011	0.0007	-0.7837	0.5198								
		12	0.0224	0.0098	0.0067															
369	4	10	0.901	3.12	44.99	1.7965	1.7332	0.0062	-0.0019	0.0015	-1.5420	1.2368								
		11	0.0744	0.0267	0.0258	1.9862	1.7148	0.0119	0.0002	0.0021	0.0860	0.8877								
		12	0.0700	0.0278	0.0240															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
369	5	10	0.899	6.623	45.00	1.5839	1.7767	0.0063	-0.0019	0.0014	-1.5389	1.1119								
		11	0.1222	0.0514	0.0596	1.6414	1.7668	0.0167	0.0020	0.0037	0.6176	1.1303								
		12	0.1583	0.0519	0.0559															
369	6	10	0.898	9.36	45.00	1.4876	1.7644	0.0046	-0.0023	0.0009	-2.4829	1.0064								
		11	0.3065	0.0912	0.1081	1.5529	1.7994	0.0177	0.0024	0.0039	0.6902	1.1108								
		12	0.2904	0.0902	0.1045															
369	7	10	0.899	12.48	45.00	0.8592	1.7570	0.0035	-0.0023	0.0007	-3.6132	1.1031								
		11	0.4220	0.0725	0.1483	0.8887	1.7840	0.0199	0.0031	0.0049	0.7955	1.2315								
		12	0.4167	0.0740	0.1487															
369	8	10	0.898	0.00	44.99	2.1839	1.0619	0.0084	-0.0013	0.0020	-0.7858	1.2076								
		11	0.0050	-0.0021	-0.0010	-7.1220	5.6760	0.0070	-0.0012	0.0006	-0.9007	0.4271								
		12	-0.0009	0.0013	-0.0010															
370	1	10	0.899	-3.09	44.99	1.8645	1.7191	0.0116	-0.0001	0.0028	-0.0797	1.2024								
		11	0.0790	-0.0297	-0.0271	1.7006	1.7457	0.0051	-0.0017	-0.0000	-1.6896	-0.0040								
		12	-0.0730	-0.0246	-0.0255															
370	2	10	0.898	0.00	44.99	-0.3965	2.9925	0.0088	-0.0010	0.0024	-0.6037	1.4177								
		11	0.0015	-0.0001	0.0009	3.0305	0.5772	0.0070	-0.0012	0.0004	-0.8963	0.3191								
		12	0.0033	0.0032	0.0006															
370	3	10	0.897	1.03	44.99	1.6749	1.7293	0.0074	-0.0014	0.0020	-0.9609	1.3541								
		11	0.0265	0.0089	0.0091	2.1153	1.5257	0.0078	-0.0010	0.0009	-0.6567	0.5803								
		12	0.0286	0.0121	0.0087															
370	4	10	0.900	3.09	44.99	1.7927	1.7302	0.0074	-0.0016	0.0014	-1.1398	0.9442								
		11	0.0768	0.0275	0.0265	1.9715	1.7153	0.0119	0.0002	0.0021	0.0860	0.8877								
		12	0.0740	0.0292	0.0254															
370	5	10	0.897	6.21	45.00	1.5669	1.7487	0.0050	-0.0023	0.0007	-2.3100	0.7798								
		11	0.1729	0.0541	0.0604	1.6803	1.7560	0.0153	0.0014	0.0033	-0.4693	1.0839								
		12	0.1670	0.0561	0.0586															
370	6	10	0.898	9.32	45.00	1.4904	1.7652	0.0041	-0.0024	0.0004	-2.9520	0.5706								
		11	0.3060	0.0912	0.1080	1.5547	1.7918	0.0154	0.0017	0.0031	0.5523	1.0286								
		12	0.2925	0.0909	0.1048															
370	7	10	0.897	12.46	45.00	0.8450	1.7600	0.0045	-0.0021	0.0010	-2.4146	1.2104								
		11	0.4223	0.0713	0.1486	0.8733	1.7610	0.0177	0.0024	0.0042	0.6886	1.1978								
		12	0.4154	0.0725	0.1479															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
370	10		0.699	-0.001	44.99	2.2737	0.7150	0.0095	-0.0010	0.0021	-0.5640	1.1489							
	11		-0.0042	-0.0019	-0.0006	4.6421	0.2863	0.0062	-0.0015	0.0002	-1.2029	0.2373							
	12		0.0026	0.0024	0.0001														
371	10		0.698	-0.0237	44.99	1.8899	1.7160	0.0139	0.0005	0.0035	0.2027	1.2645							
	11		-0.0730	-0.0276	-0.0250	1.7061	1.7704	0.0059	-0.0015	0.0004	-1.2758	0.3793							
	12		-0.0695	-0.0237	-0.0246														
371	10		0.900	-0.000	44.99	16.9837	0.0631	0.0112	-0.0004	0.0024	-0.1958	1.1081							
	11		-0.0002	-0.0007	-0.0000	3.2291	0.8241	0.0059	-0.0015	0.0002	-1.2700	0.2513							
	12		0.0055	0.0035	0.0009														
371	10		0.900	1.01	44.99	1.6746	1.7148	0.0077	-0.0014	0.0023	-0.9230	1.4969							
	11		0.0279	0.0093	0.0096	2.0914	1.5250	0.0062	-0.0015	0.0005	-1.2138	0.4797							
	12		0.0300	0.0125	0.0091														
371	10		0.899	3.08	44.99	1.7913	1.7271	0.0934	-0.0028	0.0007	-4.0762	1.1289							
	11		0.0826	0.0296	0.0285	1.9739	1.7174	0.0105	-0.0001	0.0018	-0.0775	0.8547							
	12		0.0761	0.0300	0.0261														
371	10		0.898	6.21	44.99	1.5830	1.7339	0.0069	-0.0015	0.0014	-1.1193	1.0093							
	11		0.1608	0.0572	0.0627	1.7029	1.7531	0.0149	0.0014	0.0034	0.4803	1.1602							
	12		0.1724	0.0587	0.0604														
371	10		0.899	9.33	45.00	1.4785	1.7650	0.0056	-0.0019	0.0012	-1.7171	1.1091							
	11		0.3165	0.0935	0.1117	1.5337	1.7924	0.0135	0.0012	0.0027	0.4475	1.0022							
	12		0.3032	0.0930	0.1087														
371	10		0.900	12.46	45.00	0.8409	1.7559	0.0045	-0.0021	0.0004	-2.3909	0.5169							
	11		0.4242	0.0713	0.1490	0.8658	1.7867	0.0171	0.0023	0.0039	0.6763	1.1471							
	12		0.4178	0.0723	0.1488														
371	10		0.900	-0.002	44.99	16.9837	0.0631	0.0102	-0.0008	0.0023	-0.3995	1.1381							
	11		-0.0002	-0.0007	-0.0000	3.4725	0.4749	0.0072	-0.0011	0.0007	-0.7897	0.5198							
	12		0.0048	0.0033	0.0004														
372	10		0.898	-3.15	44.99	1.8876	1.7010	0.0145	0.0006	0.0037	0.2372	1.2893							
	11		-0.0684	-0.0258	-0.0232	1.6786	1.7723	0.0071	-0.0010	0.0006	-0.7075	0.4225							
	12		-0.0627	-0.0210	-0.0222														
372	10		0.899	-0.04	44.99	1.3492	2.4508	0.0103	-0.0005	0.0026	-0.2715	1.2816							
	11		0.0068	0.0016	0.0023														

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	0.0120	0.0058	0.0050	2.4239	1.2705	0.0070	-0.0012	0.0009	-0.9094	0.6441
372	3	10	0.900	0.99	44.99	1.7279	1.7460	0.0078	-0.0014	0.0023	-0.9250	1.4960
		11	0.0333	0.0115	0.0116	2.0645	1.5142	0.0070	-0.0012	0.0007	-0.9050	0.5355
		12	0.0369	0.0152	0.0111	1.7924	1.6888	0.0063	-0.0019	0.0014	-1.5389	1.1119
372	4	10	0.899	3.06	44.99	1.9438	1.6846	0.0077	-0.0010	0.0010	-0.6603	0.6784
		11	0.0915	0.0328	0.0309	1.6425	1.7397	0.0044	-0.0024	0.0012	-2.7610	1.4107
		12	0.0678	0.0341	0.0296	1.7381	1.7377	0.0136	0.0010	0.0028	0.5938	1.0484
372	5	10	0.900	6.18	45.00	1.4713	1.7629	0.0042	-0.0023	0.0009	-2.6778	1.0875
		11	0.1887	0.0620	0.0656	1.5259	1.7958	0.0134	0.0009	0.0024	0.5563	0.8945
		12	0.1828	0.0635	0.0635	0.8330	1.7593	0.0037	-0.0024	0.0010	-3.2539	1.4614
372	6	10	0.901	9.32	45.00	0.8558	1.7826	0.0156	0.0018	0.0031	0.5858	1.0186
		11	0.3223	0.0949	0.1137	1.3168	2.1052	0.0086	-0.0011	0.0023	-0.6943	1.3610
		12	0.3108	0.0948	0.1116	2.4760	1.2195	0.0080	-0.0008	0.0007	-0.5556	0.4697
372	7	10	0.900	12.44	45.00	-0.1073	2.5718	-0.0554	-0.0200	-0.0181	1.8115	1.6368
		11	0.4225	0.0703	0.1486	2.0157	0.8925	-0.0491	-0.0158	-0.0175	1.6082	1.7849
		12	0.4186	0.0716	0.1492	-1.5803	3.5009	0.0281	0.0099	0.0084	1.7681	1.6827
372	8	10	0.898	-0.04	44.99	-3.0462	3.8121	0.0422	0.0151	0.0127	1.7881	1.6598
		11	0.0080	0.0021	0.0033	1.2644	0.9811	0.0423	0.0172	0.0140	1.7881	1.6598
		12	0.0113	0.0056	0.0027	-0.2744	1.0989	0.0912	0.0320	0.0290	1.6429	1.6096
374	3	10	1.249	-3.23	-0.00	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096
		11	0.0076	-0.0001	0.0039	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096
		12	0.0069	0.0028	0.0012	-0.2744	1.0989	0.0912	0.0320	0.0290	1.7774	1.6096
374	4	10	1.251	-0.08	-0.00	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096
		11	0.0058	-0.0013	0.0026	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096
		12	0.0079	0.0023	0.0014	-0.2744	1.0989	0.0912	0.0320	0.0290	1.7774	1.6096
374	5	10	1.251	0.99	-0.00	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096
		11	0.0027	-0.0016	0.0021	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096
		12	0.0097	0.0024	0.0019	-0.2744	1.0989	0.0912	0.0320	0.0290	1.7774	1.6096
374	6	10	1.251	3.14	-0.00	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096
		11	0.0046	-0.0002	0.0029	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096
		12	0.0112	0.0029	0.0024	-0.2744	1.0989	0.0912	0.0320	0.0290	1.7774	1.6096
374	7	10	1.250	6.31	-0.00	1.2958	3.1306	0.0902	0.0320	0.0290	1.7774	1.6096

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
			0.0008	-0.0002	0.0018	-1.4590	10.7399	0.1899	0.0529	0.0660	1.3930	1.7380										
			0.0118	0.0052	0.0023	1.3670	0.9928	0.1856	0.0549	0.0630	1.4954	1.7151										
374	8		1.250	9.49	-0.00	2.0940	-1.9815	0.3089	0.0688	0.1099	1.1142	1.7792										
	11		-0.0125	-0.0010	0.0010	1.6071	1.0700	0.2976	0.0711	0.1050	1.1956	1.7635										
	12		1.249	12.76	-0.00	2.2525	-1.2939	0.4311	0.0822	0.1540	0.9541	1.7861										
374	9		-0.0035	-0.0008	0.0024	2.0562	-1.0317	0.4178	0.0822	0.1492	0.9840	1.7864										
	11		0.0119	0.0049	0.0009	1.4034	0.9634	0.0295	0.0124	0.0093	1.7244	1.5786										
	12		1.250	-0.09	-0.031	-1.1346	2.9186	0.0308	0.0101	0.0086	2.0261	1.3988										
375	1		0.0053	-0.0012	0.0015	0.1212	0.5354	-0.0674	-0.0214	-0.0220	1.8429	1.6373										
	11		1.251	-3.17	-0.047	0.7430	0.9259	-0.0627	-0.0214	-0.0218	1.7059	1.7430										
	12		0.0093	0.0029	0.0015	1.3970	3.0960	0.0046	0.0023	0.0017	2.3331	1.8578										
375	2		0.0065	-0.0029	0.0029	-1.0118	0.9460	0.0054	0.0023	0.0005	2.1326	0.8158										
	11		1.251	-0.013	-0.0016	2.1642	3.7803	0.0256	0.0094	0.0091	1.6123	1.7832										
	12		0.0089	-0.0018	0.0020	-1.2641	1.0396	0.0235	0.0094	0.0067	2.0054	1.4416										
375	3		1.249	1.05	-0.0021	-0.1962	2.8689	0.0795	0.0262	0.0267	1.6478	1.6811										
	11		0.0028	-0.0012	0.0021	1.1114	1.0083	0.0773	0.0276	0.0249	1.7857	1.6096										
	12		0.0097	0.0024	0.0020	-2.7912	6.4125	0.1801	0.0508	0.0620	1.4123	1.7228										
375	4		1.250	3.18	0.0024	1.1841	1.0071	0.1764	0.0530	0.0602	1.5043	1.7888										
	11		0.0043	-0.0001	0.0021	2.3093	-1.3587	0.3058	0.0711	0.1042	1.1201	1.7682										
	12		0.0106	0.0023	0.0024	1.6413	0.9516	0.2965	0.0711	0.1042	1.1994	1.7581										
375	5		1.250	6.34	0.00	2.0324	-0.4911	0.4284	0.0818	0.1522	0.9547	1.7772										
	11		0.0133	-0.0007	0.0016	2.0616	1.0051	0.4163	0.0822	0.1483	0.9876	1.7818										
	12		-0.0123	-0.0029	0.0024	2.0616	1.0051	0.4163	0.0822	0.1483	0.9876	1.7818										
375	6		1.250	9.55	-0.00	2.0324	-0.4911	0.4284	0.0818	0.1522	0.9547	1.7772										
	11		-0.0033	-0.0015	0.0009	2.0324	-0.4911	0.4284	0.0818	0.1522	0.9547	1.7772										
	12		-0.0118	-0.0038	0.0022	2.0324	-0.4911	0.4284	0.0818	0.1522	0.9547	1.7772										
375	7		1.249	12.88	-0.00	2.0324	-0.4911	0.4284	0.0818	0.1522	0.9547	1.7772										
	11		-0.0047	-0.0019	0.0004	2.0324	-0.4911	0.4284	0.0818	0.1522	0.9547	1.7772										
	12		-0.0128	0.0053	0.0025	2.0324	-0.4911	0.4284	0.0818	0.1522	0.9547	1.7772										

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
375	0	10 11 12	1.250 0.0053 0.0086	-0.0009 0.00020	0.0030 0.0019	-0.0748 1.2143	2.8346 1.1112	0.0054 0.0048	0.0005 0.0021	0.0016 0.0003	0.4501 2.2123	1.8692 0.3452						
376	1	10 11 12	1.247 0.0086 0.0075	-3.15 0.0001 0.0027	-0.00 0.0043 0.0012	0.0735 1.7846	2.5375 0.8201	-0.0716 -0.0669	-0.0265 -0.0231	-0.0241 -0.0237	1.8498 1.7301	1.6842 1.7769						
376	2	10 11 12	1.249 0.0038 0.0087	-0.00 -0.0017 0.0010	-0.00 0.0024 0.0018	-2.2331 0.5968	3.2303 1.0367	-0.0054 -0.0041	-0.0028 -0.0013	-0.0012 -0.0027	2.5989 1.5718	1.1667 1.3192						
376	3	10 11 12	1.249 0.0033 0.0104	1.07 -0.0015 0.0017	-0.00 0.0022 0.0024	-2.2482 0.8520	3.3312 1.1895	0.0186 0.0165	0.0051 0.0058	0.0064 0.0044	1.3667 1.7611	1.7156 1.3420						
376	4	10 11 12	1.251 0.0048 0.0112	3.21 -0.0004 0.0019	-0.00 0.0024 0.0027	-0.4785 0.8705	2.5440 1.2038	0.0742 0.0740	0.0243 0.0256	0.0246 0.0233	1.6420 1.7290	1.6631 1.5769						
376	5	10 11 12	1.250 0.0005 0.0123	5.39 -0.0007 0.0028	-0.00 0.0014 0.0025	-6.6318 1.1351	13.2682 1.0451	0.1813 0.1768	0.0509 0.0528	0.0621 0.0602	1.4053 1.4936	1.7140 1.7039						
376	6	10 11 12	1.251 0.0023 0.0124	9.56 -0.0018 0.0028	-0.00 0.0006 0.0023	4.0076 1.1359	-1.4721 0.9530	0.2999 0.2944	0.0674 0.0708	0.1057 0.1029	1.1252 1.2033	1.7622 1.7492						
376	7	10 11 12	1.249 0.0040 0.0088	0.00 -0.0014 0.0013	-0.00 0.0025 0.0020	-1.7517 0.7413	3.1940 1.1401	-0.0041 -0.0044	-0.0028 -0.0014	-0.0012 -0.0031	3.4246 1.6705	1.5261 1.4777						
377	1	10 11 12	1.250 0.0086 0.0084	-3.10 -0.0001 0.0024	-0.00 0.0043 0.0017	-0.0937 1.4627	2.5263 1.0622	-0.0769 -0.0723	-0.0279 -0.0249	-0.0256 -0.0257	1.8148 1.7279	1.6699 1.7790						
377	2	10 11 12	1.251 0.0043 0.0095	0.02 -0.0014 -0.0011	-0.00 0.0031 0.0022	-1.7022 0.5812	3.5716 1.1747	-0.0237 -0.0205	-0.0099 -0.0076	-0.0070 -0.0080	2.0857 1.8691	1.8918 1.9627						
377	3	10 11 12	1.249 0.0025 0.0101	1.11 -0.0012 0.0012	-0.00 0.0019 0.0024	-3.3648 0.6390	3.7569 1.2215	0.0019 0.0017	-0.0012 -0.0000	0.0014 -0.0002	-3.3090 -0.0347	3.7922 -0.6220						

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

377	4	10	1.251	5.24	-0.0022	-0.9684	2.9032	0.0648	0.0206	0.0216	1.6048	1.6697
		11	0.0038	-0.0007	0.0028	0.8300	1.1999	0.0650	0.0224	0.0201	1.7264	1.5488
		12	0.0117	0.0019	0.0028							
377	5	10	1.249	6.42	0.00	6.7887	-9.4185	0.1752	0.0498	0.0598	1.4213	1.7082
		11	-0.0006	-0.0008	0.0011	1.1539	1.1050	0.1716	0.0518	0.0579	1.5118	1.6875
		12	0.0137	0.0031	0.0030							
377	6	10	1.249	0.02	-0.00	-1.2547	2.9956	-0.0237	-0.0102	-0.0073	2.1520	1.5432
		11	0.0048	-0.0012	0.0029	0.9071	1.2103	-0.0203	-0.0075	-0.0079	1.8516	1.9649
		12	0.0088	0.0016	0.0021							
378	1	10	1.249	4.10	-0.00	0.2591	2.1235	-0.1139	-0.0388	-0.0388	1.7049	1.7043
		11	0.0094	0.0004	0.0040	1.8580	1.0140	-0.1119	-0.0357	-0.0393	1.5977	1.7559
		12	0.0099	0.0037	0.0020							
378	2	10	1.249	3.06	-0.00	-0.0449	2.4395	-0.0849	-0.0306	-0.0287	1.8017	1.6903
		11	0.0080	-0.0000	0.0039	1.3897	0.9170	-0.0821	-0.0282	-0.0289	1.7217	1.7638
		12	0.0085	0.0023	0.0015							
378	3	10	1.249	0.08	-0.00	-0.8431	2.8114	-0.0450	-0.0175	-0.0144	1.9496	1.5996
		11	0.0049	-0.0008	0.0027	0.7003	1.1606	-0.0421	-0.0152	-0.0153	1.8030	1.8230
		12	0.0067	0.0012	0.0020							
378	4	10	1.250	1.15	-0.00	-2.4417	3.2460	-0.0240	-0.0122	-0.0053	2.5446	1.184
		11	0.0030	-0.0015	0.0028	0.2542	1.1887	-0.0283	-0.0117	-0.0090	2.0766	1.5955
		12	0.0118	0.0006	0.0028							
378	5	10	1.249	3.32	-0.00	-1.4193	3.0768	0.0549	0.0163	0.0185	1.4842	1.6884
		11	0.0036	-0.0010	0.0029	0.8107	1.2220	0.0536	0.0175	0.0166	1.6304	1.5481
		12	0.0119	0.0019	0.0029							
378	6	10	1.248	4.38	-0.00	-1.1336	3.5869	0.0896	0.0279	0.0297	1.5583	1.5559
		11	0.0020	-0.0004	0.0014	1.0821	1.3043	0.0898	0.0298	0.0285	1.6612	1.5896
		12	0.0111	0.0024	0.0029							
378	7	10	1.250	0.07	-0.00	-1.8534	3.7035	-0.0448	-0.0175	-0.0142	1.9571	1.5883
		11	0.0037	-0.0014	0.0028	0.5151	1.1856	-0.0417	-0.0153	-0.0154	1.8415	1.8497
		12	0.0090	0.0009	0.0021							
379	1	10	1.248	4.04	-0.00	0.0893	2.7508	-0.1192	-0.0406	-0.0407	1.7024	1.7093
		11	0.0073	0.0001	0.0040	1.7369	1.0565	-0.1167	-0.0373	-0.0409	1.6008	1.7533
		12	0.0090	0.0031	0.0019							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key →

Run	Pt.	Cd																		
379	2	10	1.248	-2.99	-0.00	-0.1884	3.1280	-0.0940	-0.0335	-0.0320	1.7847	1.7036								
		11	0.0064	-0.0002	0.0040	1.3472	1.0841	-0.0898	-0.0307	-0.0318	1.7093	1.7721								
		12	0.0068	0.0023	0.0019															
379	3	10	1.248	0.16	-0.00	-2.2363	4.2246	-0.0583	-0.0216	-0.0184	1.8583	1.5849								
		11	0.0029	-0.0013	0.0024	0.4877	1.0021	-0.0570	-0.0203	-0.0206	1.7809	1.8079								
		12	0.0095	0.0009	0.0019															
379	4	10	1.248	1.19	-0.00	-4.7163	6.4762	-0.0617	-0.0240	-0.0177	1.9463	1.4409								
		11	0.0013	-0.0013	0.0018	0.1228	1.1870	-0.0685	-0.0244	-0.0230	1.7843	1.6829								
		12	0.0099	0.0002	0.0023															
379	10	10	1.248	2.23	-0.00	-1.2991	3.7491	-0.0092	-0.0091	0.0013	4.9449	-0.7436								
		11	0.0028	-0.0007	0.0021	-0.1362	1.4510	-0.0111	-0.0078	-0.0015	3.5098	-0.6931								
		12	0.0081	-0.0002	0.0023															
379	11	10	1.248	0.11	-0.00	-0.0575	3.1090	-0.0563	-0.0207	-0.0175	1.8427	1.5606								
		11	0.0052	-0.0000	0.0032	-0.0709	1.2270	-0.0555	-0.0195	-0.0188	1.7158	1.6982								
		12	0.0050	-0.0000	0.0012															
380	1	10	1.250	-5.95	-0.00	0.7545	2.5172	-0.1840	-0.0537	-0.0635	1.4603	1.7251								
		11	0.0084	0.0012	0.0042	1.7504	0.9925	-0.1812	-0.0507	-0.0634	1.3996	1.7500								
		12	0.0079	0.0027	0.0015															
380	2	10	1.251	-5.03	-0.00	0.2570	2.5717	-0.1593	-0.0492	-0.0545	1.5441	1.7115								
		11	0.0080	0.0004	0.0041	1.1568	1.2605	-0.1544	-0.0456	-0.0539	1.4776	1.7459								
		12	0.0062	0.0014	0.0015															
380	3	10	1.251	-3.91	-0.00	0.3113	2.5904	-0.1272	-0.0423	-0.0426	1.6625	1.6757								
		11	0.0082	0.0005	0.0042	1.1449	1.2916	-0.1256	-0.0391	-0.0433	1.5568	1.7239								
		12	0.0082	0.0018	0.0021															
380	4	10	1.250	-2.88	-0.00	0.3867	2.6356	-0.1018	-0.0353	-0.0335	1.7369	1.6477								
		11	0.0078	0.0006	0.0041	0.7799	1.1836	-0.1003	-0.0328	-0.0347	1.6347	1.7299								
		12	0.0090	0.0014	0.0021															
380	5	10	1.251	-1.87	-0.00	-0.0492	2.9912	-0.0815	-0.0294	-0.0263	1.8071	1.6120								
		11	0.0059	-0.0000	0.0035	-0.3869	1.0642	-0.0797	-0.0274	-0.0276	1.7218	1.7319								
		12	0.0073	0.0005	0.0015															
381	1	10	0.901	-5.05	-0.00	0.5385	2.0107	-0.1619	-0.0579	-0.0564	1.7883	1.7439								
		11	0.0109	0.0011	0.0044															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd	0.0024	0.0012	0.0001	2.5916	0.3094	-0.1541	-0.0550	-0.0539	1.7859	1.7505
381	2	12	0.901	-3.91	0.0045	0.5874	2.0402	-0.1314	-0.0485	-0.0448	1.8456	1.7078
	11	12	0.0020	0.0010	-0.0001	2.4925	-0.3657	-0.1248	-0.0457	-0.0429	1.8318	1.7197
381	3	10	0.901	-2.90	-0.00	0.6523	1.9960	-0.1042	-0.0394	-0.0354	1.8897	1.6979
	11	12	0.0110	0.0014	0.0044	2.4878	-0.7283	-0.0994	-0.0372	-0.0337	1.8746	1.6976
381	4	10	0.899	-1.93	-0.00	0.5764	2.0728	-0.0825	-0.0312	-0.0274	1.8936	1.6647
	11	12	0.0103	0.0011	0.0042	-2.5300	6.7513	-0.0786	-0.0295	-0.0267	1.8762	1.6978
381	5	10	0.899	-0.88	-0.00	0.3266	2.1440	-0.0654	-0.0248	-0.0214	1.9004	1.6369
	11	12	0.0081	0.0005	0.0035	0.5017	3.3109	-0.0594	-0.0224	-0.0202	1.8920	1.7038
381	6	10	0.899	0.14	-0.00	0.1046	2.2302	-0.0569	-0.0214	-0.0181	1.8808	1.5901
	11	12	0.0068	0.0001	0.0030	0.4312	2.5031	-0.0530	-0.0197	-0.0178	1.8568	1.6769
381	7	10	0.899	1.17	-0.00	-0.2174	2.6357	-0.0669	-0.0240	-0.0206	1.7965	1.5411
	11	12	0.0055	-0.0002	0.0029	-0.6764	2.6681	-0.0629	-0.0222	-0.0203	1.7705	1.6182
381	8	10	0.899	2.24	-0.00	-0.7699	2.5700	-0.0716	-0.0264	-0.0207	1.8470	1.4501
	11	12	0.0041	0.0006	0.0021	-0.1070	95.2211	-0.0733	-0.0277	-0.0229	1.8908	1.5637
381	9	10	0.899	3.26	-0.00	-0.2069	2.0927	-0.0162	-0.0106	-0.0012	3.2791	0.3844
	11	12	0.0061	-0.0001	0.0025	-1.8133	8.9365	-0.0133	-0.0091	-0.0013	3.4145	0.5041
381	10	10	0.898	4.31	-0.00	0.2494	2.0101	0.0517	0.0136	0.0193	1.3157	1.8677
	11	12	0.0079	0.0003	0.0032	2.9791	-1.7284	0.0545	0.0150	0.0193	1.3824	1.7775
381	11	10	0.900	5.38	-0.00	0.1582	1.7876	0.1004	0.0318	0.0349	1.5841	1.7406
	11	12	0.0080	0.0002	0.0028	3.0040	-0.5870	0.1015	0.0323	0.0344	1.5952	1.6981
381	12	10	0.399	6.39	-0.00							

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.		Cd	See Key													
381	11	0.0069	0.0000	0.0027	0.0013	1.9681	0.1450	0.0485	0.0498	1.6719	1.7168					
	12	0.0024	0.0010	-0.0001	2.1268	-0.3120	0.1431	0.0480	0.0481	1.6789	1.6820					
381	10	0.897	8.47	-0.00												
	11	0.0031	-0.0010	0.0018	-1.6310	2.8956	0.2350	0.0745	0.0825	1.5855	1.7559					
381	12	0.0032	0.0012	-0.0003	2.0076	-0.4713	0.2346	0.0754	0.0824	1.6070	1.7559					
381	10	0.899	9.47	0.00												
	11	0.0021	-0.0009	0.0015	-3.2836	3.5205	0.2785	0.0853	0.0981	1.5326	1.7614					
381	12	0.0019	0.0009	-0.0006	2.4177	-1.6028	0.2825	0.0872	0.0998	1.5435	1.7667					
381	10	0.894	10.55	-0.00												
	11	0.0012	0.0005	0.0009	-2.2956	-3.8735	0.3377	0.0781	0.1193	1.4563	1.7661					
381	12	0.0038	0.0016	0.0003	2.1823	0.4028	0.3314	0.0973	0.1183	1.4679	1.7847					
381	10	0.898	0.14	-0.00												
	11	0.0055	-0.0002	0.0029	-0.2174	3.4360	-0.0556	-0.0210	-0.0178	1.8876	1.6059					
381	12	-0.0013	0.0000	-0.0009	-0.1294	2.6357	-0.0546	-0.0204	-0.0186	1.8671	1.7045					
382	10	0.901	-3.00	-0.00												
	11	0.0114	0.0014	0.0042	0.6292	1.8680	-0.0980	-0.0370	-0.0327	1.8903	1.6728					
382	12	0.0020	0.0010	0.0001	2.5029	0.3739	-0.0923	-0.0344	-0.0313	1.8650	1.6984					
382	10	0.901	0.009	-0.00												
	11	0.0076	0.0003	0.0030	0.2604	2.0020	-0.0582	-0.0215	-0.0182	1.8502	1.5694					
382	12	-0.0011	0.0001	-0.0009	-0.7304	4.0930	-0.0522	-0.0192	-0.0175	1.8380	1.6748					
382	10	0.902	3.26	-0.00												
	11	0.0058	-0.0002	0.0025	-0.2158	2.2178	0.0235	0.0048	0.0107	1.8260	2.2745					
382	12	0.0003	0.0004	-0.0006	5.9600	-8.9272	0.0257	0.0061	0.0098	1.8656	1.9095					
382	10	0.900	6.37	-0.00												
	11	0.0058	-0.0002	0.0024	-0.2197	2.0870	0.1467	0.0493	0.0507	1.6798	1.7301					
382	12	0.0020	0.0010	-0.0003	2.4878	-0.7283	0.1498	0.0508	0.0507	1.6962	1.6940					
382	10	0.899	9.44	0.00												
	11	0.0037	-0.0009	0.0016	-1.2256	2.2520	0.2872	0.0874	0.1015	1.5224	1.7671					
382	12	0.0039	0.0015	0.0003	1.9397	0.3893	0.2850	0.0880	0.1011	1.5450	1.7748					
382	10	0.899	10.55	-0.00												
	11	0.0024	0.0017	0.0015	3.4690	3.1076	0.3430	0.0778	0.1215	1.4353	1.7721					
382	12	0.0019	0.0011	-0.0006	2.9832	-1.5412	0.3388	0.0985	0.1211	1.4537	1.7872					

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

382	8	10 11 12	0.901 0.0070 -0.0024	0.0002 -0.0002	0.10 0.0000	-0.00 0.0030 -0.0009	0.1926 0.4443	2.1622 1.8583	-0.0576 -0.0500	-0.0214 -0.0183	-0.0179 -0.0167	1.8571 1.8293	1.5572 1.6707
383	1	10 11 12	0.901 0.0107 0.0020	-3.02 0.0014 0.0010	0.00 0.0047 0.0000	0.6786 2.4973	2.2031 0.0013	-0.0887 -0.0818	-0.0333 -0.0302	-0.0298 -0.0275	1.8794 1.8450	1.5785 1.6847	
383	2	10 11 12	0.899 0.0078 -0.0016	0.05 0.0005 0.0000	-0.00 0.0032 -0.0009	0.3381 0.1087	2.0446 2.7179	-0.0524 -0.0451	-0.0192 -0.0163	-0.0161 -0.0152	1.8391 1.8124	1.5353 1.6902	
383	3	10 11 12	0.900 0.0057 0.0001	1.10 -0.0001 0.0005	-0.00 0.0025 -0.0001	-0.1047 15.7883	2.2698 -4.5950	-0.0471 -0.0482	-0.0192 -0.0188	-0.0125 -0.0143	2.0400 1.9536	1.3256 1.4869	
383	4	10 11 12	0.900 0.0061 0.0012	3.21 -0.0002 0.0007	-0.00 0.0027 0.0000	-0.2032 3.0168	2.2161 0.0005	0.0394 0.0426	0.0116 0.0127	0.0143 0.0143	1.4820 1.4925	1.8134 1.6869	
383	5	10 11 12	0.898 0.0050 0.0020	6.34 -0.0005 0.0010	0.00 0.0021 -0.0001	-0.5129 2.4925	2.1066 -0.3657	0.1479 0.1542	0.0499 0.0526	0.0511 0.0523	1.6895 1.7058	1.7283 1.6962	
383	6	10 11 12	0.899 0.0004 0.0032	9.44 -0.0018 0.0012	0.00 0.0007 -0.0001	-19.4016 2.0088	8.1004 -0.2355	0.2888 0.2897	0.0878 0.0890	0.1013 0.1032	1.5211 1.5373	1.7583 1.7813	
383	7	10 11 12	0.900 0.0083 0.0043	12.62 0.0006 0.0015	-0.00 0.0030 0.0003	0.3876 1.7783	1.8157 0.3579	0.4207 0.4198	0.0707 0.0727	0.1478 0.1490	0.8411 0.8669	1.7569 1.7746	
383	8	10 11 12	0.901 0.0089 -0.0001	0.07 0.0007 0.0005	-0.00 0.0035 -0.0004	0.4399 -16.5051	1.9574 14.1050	-0.0523 -0.0460	-0.0192 -0.0166	-0.0162 -0.0153	1.8393 1.8150	1.5504 1.6706	
384	1	10 11 12	0.898 0.0113 0.0018	-3.07 0.0015 0.0009	-0.00 0.0047 -0.0001	0.7002 2.4323	2.0932 -0.4078	-0.0826 -0.0729	-0.0306 -0.0266	-0.0278 -0.0250	1.8547 1.8274	1.6844 1.7198	
384	2	10 11	0.898 0.0081	0.00 0.0005	-0.00 0.0030	0.3190	1.8636	-0.0321	-0.0118	-0.0098	1.8441	1.5324	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																								
384	3	12	0.0001	0.0005	-0.0004	15.9502	-11.9324	-0.0244	-0.0086	-0.0081	1.7747	1.6698	0.900	0.0068	0.0003	0.0006	1.07	0.0001	0.0024	0.0919	1.7827	-0.0109	-0.0049	-0.0018	2.2499	0.8516	
384	4	10	0.901	0.0029	0.0011	0.2316	1.7412	0.0546	0.0173	0.0194	1.5867	1.7772	0.0082	0.0029	0.0001	0.0001	0.0001	0.0001	0.0001	1.9390	0.2597	0.0575	0.0190	0.0191	1.6553	1.6673	
384	5	10	0.899	0.0050	0.0033	0.0005	0.0014	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
384	6	10	0.898	0.0040	0.0045	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
384	7	10	0.897	0.0032	0.0046	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
384	8	10	0.897	0.0076	0.0002	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
385	1	10	0.898	0.0095	0.0020	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
385	2	10	0.897	0.0057	0.0004	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
385	3	10	0.899	0.0049	0.0018	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
385	4	10	0.897	0.0077	0.0020	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
385	5	10	0.898	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
365	11		0.0055	-0.0002	0.0024	-0.2297	2.2197	0.1644	0.0568	0.0577	1.6876	1.7140									
	12		0.0051	0.0012	0.0003	2.0131	0.4844	0.1710	0.0585	0.0586	1.7103	1.7141									
365	10		0.899	9.44	0.00	-1.7949	2.0817	0.2996	0.0902	0.1059	1.5057	1.7684									
	12		0.0032	-0.0011	0.0013	1.8376	0.5117	0.2974	0.0906	0.1061	1.5237	1.7841									
365	7		0.901	12.58	0.00	-0.5329	1.7063	0.4172	0.0718	0.1469	0.8610	1.7607									
	11		0.0062	-0.0006	0.0021	1.9377	0.0022	0.4208	0.0729	0.1491	0.8672	1.7723									
365	12		0.0039	0.0015	0.0000	-0.5329	0.0022	0.4208	0.0729	0.1491	0.8672	1.7723									
	8		0.899	-0.002	-0.00	0.1014	2.1186	-0.0096	-0.0035	-0.0029	1.8253	1.5364									
366	11		0.0068	0.0001	0.0029	14.7936	-8.5228	-0.0046	-0.0013	-0.0016	1.4414	1.7842									
	12		0.0001	0.0005	-0.0003	0.1014	2.1186	-0.0096	-0.0035	-0.0029	1.8253	1.5364									
366	10		0.901	-3.10	-0.00	0.6042	1.9652	-0.0638	-0.0226	-0.0217	1.7735	1.7013									
	11		0.0108	0.0013	0.0042	0.6042	1.9652	-0.0638	-0.0226	-0.0217	1.7735	1.7013									
366	12		-0.0003	0.0004	-0.0006	-5.6457	8.3907	-0.0552	-0.0195	-0.0193	1.7683	1.7502									
	2		0.899	-0.004	-0.00	9.3139	1.6762	-0.0006	-0.0003	0.0001	2.9765	-1.1981									
366	11		0.0061	0.0005	0.0027	3.0168	0.0005	0.0048	0.0018	0.0010	1.9340	1.0921									
	12		0.0015	0.0009	0.0000	3.0168	0.0005	0.0048	0.0018	0.0010	1.9340	1.0921									
366	10		0.898	3.13	-0.00	0.1753	1.8534	0.0722	0.0250	0.0247	1.7313	1.7150									
	11		0.0074	0.0002	0.0027	3.0040	-0.5870	0.0751	0.0265	0.0250	1.7625	1.6649									
366	12		0.0013	0.0007	-0.0001	3.0040	-0.5870	0.0751	0.0265	0.0250	1.7625	1.6649									
	4		0.899	6.26	0.00	-0.7265	2.0312	0.1679	0.0568	0.0579	1.6930	1.7256									
366	11		0.0044	-0.0006	0.0018	2.0115	0.2422	0.1720	0.0590	0.0591	1.7148	1.7180									
	12		0.0031	0.0012	0.0001	2.0115	0.2422	0.1720	0.0590	0.0591	1.7148	1.7180									
366	10		0.899	9.41	0.00	-2.8679	2.4253	0.3023	0.0908	0.1068	1.5014	1.7671									
	11		0.0025	-0.0014	0.0012	1.9951	0.3693	0.3001	0.0911	0.1068	1.5191	1.7796									
366	12		0.0041	0.0016	0.0003	-2.8679	2.4253	0.3001	0.0911	0.1068	1.5191	1.7796									
	6		0.898	12.59	0.00	-1.5932	2.0316	0.4193	0.0716	0.1474	0.8539	1.7580									
366	11		0.0041	-0.0013	0.0016	1.7559	-0.8803	0.4213	0.0722	0.1496	0.8573	1.7760									
	12		0.0026	0.0009	-0.0004	1.7559	-0.8803	0.4213	0.0722	0.1496	0.8573	1.7760									
366	10		0.897	-0.004	-0.00	0.0076	2.1874	-0.0006	-0.0003	0.0001	2.9765	-1.1981									
	11		0.0062	0.0000	0.0027	2.9950	-0.9997	-0.0056	-0.0021	0.0002	1.8932	-1.0788									
366	12		0.0015	0.0009	-0.0003	2.9950	-0.9997	-0.0056	-0.0021	0.0002	1.8932	-1.0788									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
367	1	10	0.899	-3.16	-0.00	0.5494	2.3494	-0.0480	-0.0157	-0.0118	-0.0164	1.6442	1.7079										
		11	0.0097	0.0010	0.0045	3.0058	-0.5038	-0.0377	-0.0118	-0.0138	1.5756	1.8414											
		12	0.0015	0.0009	-0.0001	-0.3728	2.7819	0.0266	0.0091	0.0085	1.7220	1.6081											
367	2	10	0.899	-0.0003	0.0000	3.0168	0.0005	0.0338	0.0122	0.0101	1.8120	1.4966											
		11	0.0049	-0.0003	0.0000	0.3381	2.0446	0.0845	0.0304	0.0287	1.7987	1.7017											
		12	0.0017	0.0010	0.0000	2.2685	0.5441	0.0897	0.0328	0.0298	1.8289	1.6624											
367	3	10	0.899	3.09	-0.00	0.7638	2.7532	0.1789	0.0606	0.0620	1.6951	1.7343											
		11	0.0078	0.0005	0.0032	2.0766	0.4537	0.1842	0.0630	0.0637	1.7121	1.7292											
		12	0.0028	0.0012	0.0003	-0.7638	2.0766	0.1842	0.0630	0.0637	1.6951	1.7343											
367	4	10	0.899	6.25	0.00	1.0366	2.0685	0.3069	0.0918	0.1088	1.4962	1.7730											
		11	0.0041	-0.0014	0.0003	-1.0366	2.0270	0.3082	0.0929	0.1101	1.5070	1.7858											
		12	0.0033	0.0014	0.0001	0.7638	2.0270	0.3082	0.0929	0.1101	1.5070	1.7858											
367	5	10	0.900	9.36	0.00	0.7893	1.9873	0.4226	0.0705	0.1484	0.8345	1.7556											
		11	0.0044	-0.0009	0.0018	1.8751	-0.4004	0.4251	0.0723	0.1512	0.8506	1.7783											
		12	0.0033	0.0014	0.0001	-0.7893	1.9873	0.4226	0.0705	0.1484	0.8345	1.7556											
367	6	10	0.899	12.58	0.00	0.1047	2.2698	0.0276	0.0095	0.0088	1.7299	1.6078											
		11	0.0057	-0.0007	0.0025	3.0168	0.0005	0.0330	0.0121	0.0100	1.8434	1.5142											
		12	0.0015	0.0009	0.0000	-0.1047	2.2698	0.0276	0.0095	0.0088	1.7299	1.6078											
368	3	10	0.900	-3.24	45.00	1.3887	1.5903	-0.0122	-0.0049	-0.0045	2.0058	1.8439											
		11	0.0412	-0.0114	-0.0131	0.5095	1.5910	-0.0246	-0.0088	-0.0107	1.7948	2.1770											
		12	-0.0211	-0.0021	-0.0067	3.4091	2.1780	0.0307	0.0093	0.0091	1.5188	1.4893											
368	4	10	0.900	-0.08	45.00	3.0550	1.6051	0.0424	0.0139	0.0129	1.6374	1.5295											
		11	0.0168	0.0081	0.0073	2.3243	2.1640	0.0353	0.0110	0.0113	1.5894	1.6028											
		12	0.0166	0.0101	0.0053	2.7706	1.7042	0.0434	0.0145	0.0134	1.6707	1.5454											
368	5	10	0.899	0.96	44.99	2.0791	1.8978	0.0669	0.0220	0.0231	1.6499	1.7260											
		11	0.0222	0.0103	0.0096	2.0791	1.8978	0.0669	0.0220	0.0231	1.6499	1.7260											
		12	0.0223	0.0124	0.0076	2.0791	1.8978	0.0669	0.0220	0.0231	1.6499	1.7260											
368	6	10	0.899	3.07	44.99	2.0791	1.8978	0.0669	0.0220	0.0231	1.6499	1.7260											
		11	0.0486	0.0202	0.0184	2.0791	1.8978	0.0669	0.0220	0.0231	1.6499	1.7260											
		12	0.0486	0.0202	0.0184	2.0791	1.8978	0.0669	0.0220	0.0231	1.6499	1.7260											

← See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
388	7	12	0.0564	0.0250	0.0201	2.1436	1.7219	0.0612	0.0206	0.0197	1.6873	1.6144									
			0.898	6.19	44.99																
			0.0830	0.0323	0.0302	1.9451	1.8219	0.1400	0.0463	0.0488	1.6563	1.7458									
			0.1311	0.0490	0.0473	1.8692	1.8046	0.0866	0.0302	0.0293	1.7450	1.6927									
388	8	10	0.900	9.35	44.99																
			0.1062	0.0297	0.0400	1.4000	1.8860	0.2337	0.0712	0.0840	1.5237	1.7987									
			0.2282	0.0738	0.0850	1.6168	1.8635	0.0877	0.0212	0.0302	1.2090	1.7264									
388	9	10	0.901	12.54	44.99																
			0.1772	0.0534	0.0645	1.5072	1.8214	0.3375	0.0916	0.1248	1.3578	1.8491									
			0.3340	0.0692	0.1255	1.0368	1.8788	0.1679	0.0522	0.0604	1.5544	1.8007									
388	10	10	0.898	-0.09	45.00																
			0.0187	0.0088	0.0078	3.3544	2.0938	0.0303	0.0092	0.0093	1.5268	1.5431									
			0.0161	0.0100	0.0050	3.1205	1.5638	0.0426	0.0139	0.0130	1.6374	1.5295									
389	1	10	0.898	-3.15	44.99																
			-0.0557	-0.0176	-0.0174	1.5873	1.5617	-0.0324	-0.0128	-0.0111	1.9903	1.7129									
			-0.0461	-0.0118	-0.0148	1.2794	1.6080	-0.0429	-0.0163	-0.0161	1.9025	1.8811									
389	2	10	0.899	-0.01	44.99																
			-0.0082	-0.0007	-0.0005	0.4399	0.3513	0.0040	-0.0000	0.0012	-0.0825	1.5188									
			-0.0100	0.0005	-0.0028	-0.2666	1.4451	0.0065	0.0012	0.0009	-0.9217	0.6908									
389	3	10	0.898	1.02	44.99																
			0.0046	0.0034	0.0037	3.7375	3.9969	0.0138	0.0036	0.0059	1.1622	1.8689									
			0.0055	0.0057	0.0025	5.1989	2.3390	0.0172	0.0045	0.0042	1.3103	1.2260									
389	4	10	0.899	3.14	44.99																
			0.0291	0.0119	0.0119	2.0527	2.0541	0.0575	0.0181	0.0201	1.5789	1.7497									
			0.0467	0.0204	0.0165	2.1848	1.7724	0.0462	0.0144	0.0142	1.5606	1.5434									
389	5	10	0.897	6.28	44.99																
			0.0662	0.0261	0.0248	1.9709	1.8737	0.1384	0.0456	0.0486	1.6501	1.7563									
			0.1277	0.0478	0.0460	1.8740	1.8009	0.0746	0.0256	0.0251	1.7168	1.6876									
389	6	10	0.897	9.42	44.99																
			0.0539	0.0133	0.0215	1.2382	1.9985	0.2355	0.0716	0.0850	1.5201	1.8045									
			0.2302	0.0743	0.0858	1.6143	1.8641	0.0400	0.0059	0.0125	0.7400	1.5596									
389	7	10	0.899	12.58	44.99																

Run Pt. Cd ← See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
389	8	11	0.1528	0.0452	0.0554	1.4811	1.8457	0.3345	0.0913	0.1237	1.3655	1.8489	0.3333	0.0691	0.1256	1.0373	1.8849	0.1403	0.0432	0.0505	1.5390	1.8014
	10	12	0.896	-0.0003	44.99	0.2481	0.3109	0.0042	-0.0002	0.0014	-0.2394	1.6580	-0.0069	-0.0005	-0.0004	-0.2641	1.3674	0.0064	0.0010	0.0009	0.8516	0.7139
390	1	10	0.898	-3.13	44.99	1.6320	1.5383	-0.0378	-0.0151	-0.0128	1.9964	0.898	-0.0608	-0.0198	-0.0167	1.3708	1.5976	-0.0446	-0.0170	-0.0164	1.9138	1.7006
	11	12	-0.0534	-0.0146	-0.0170	1.1385	0.9271	-0.0072	-0.0039	-0.0018	2.7417	1.8384	-0.0672	-0.0029	-0.0055	0.7036	1.3035	-0.0037	-0.0025	-0.0024	3.3423	1.2974
390	2	10	0.897	-0.00	44.99	0.6165	0.2681	0.0081	0.0009	0.0034	0.5602	0.897	-0.0163	-0.0037	-0.0004	1.1385	0.3149	0.0043	-0.0001	0.0001	-0.2108	2.1070
	11	12	-0.0212	-0.0029	-0.0055	0.6165	0.3149	0.0043	-0.0001	0.0001	0.5602	1.8384	-0.0073	0.0016	-0.0004	0.7036	1.3035	-0.0037	-0.0025	-0.0024	3.3423	1.2974
390	3	10	0.897	1.05	44.99	1.9641	2.0343	0.0518	0.0159	0.0181	1.5370	0.897	-0.0079	-0.0004	-0.0004	1.1385	0.3149	0.0043	-0.0001	0.0001	0.5602	2.1070
	11	12	-0.0079	-0.0009	-0.0004	1.9641	2.0343	0.0518	0.0159	0.0181	1.5370	1.8384	0.0407	0.0178	0.0146	2.1864	1.7930	0.0351	0.0102	0.0105	1.4549	1.4937
390	4	10	0.898	3.16	44.99	1.9499	1.8540	0.1334	0.0440	0.0467	1.6502	0.898	0.0667	0.0260	0.0247	1.8709	1.8010	0.0675	0.0226	0.0225	1.6778	1.7521
	11	12	0.1252	0.0468	0.0451	1.9499	1.8540	0.1334	0.0440	0.0467	1.6502	1.8384	0.0407	0.0178	0.0146	2.1864	1.7930	0.0351	0.0102	0.0105	1.4549	1.4937
390	5	10	0.898	9.44	44.99	1.2870	2.0651	0.2394	0.0721	0.0863	1.5066	0.898	0.0297	0.0076	0.0122	1.6115	1.8630	0.0219	0.0028	0.0056	0.6562	1.2778
	11	12	0.2273	0.0732	0.0847	1.2870	2.0651	0.2394	0.0721	0.0863	1.5066	1.8384	0.0297	0.0076	0.0122	1.6115	1.8630	0.0219	0.0028	0.0056	0.6562	1.2778
390	6	10	0.898	12.60	44.99	1.4589	1.8533	0.3368	0.0915	0.1248	1.3584	0.898	0.1436	0.0419	0.0532	1.40386	1.8836	0.1362	0.0416	0.0490	1.5278	1.8532
	11	12	0.3328	0.0691	0.1254	1.4589	1.8533	0.3368	0.0915	0.1248	1.3584	1.8384	0.1436	0.0419	0.0532	1.40386	1.8836	0.1362	0.0416	0.0490	1.5278	1.8532
390	7	10	0.896	-0.00	44.99	1.0300	0.9128	-0.0063	-0.0038	-0.0017	3.0397	0.896	-0.0149	-0.0030	-0.0027	0.6554	1.3528	-0.0030	-0.0022	-0.0022	3.7786	1.3586
	11	12	-0.0198	-0.0026	-0.0053	1.0300	0.9128	-0.0063	-0.0038	-0.0017	3.0397	1.8384	-0.0149	-0.0030	-0.0027	0.6554	1.3528	-0.0030	-0.0022	-0.0022	3.7786	1.3586
391	1	10	0.895	-3.08	44.99	1.6401	1.5387	-0.0491	-0.0198	-0.0166	2.0182	0.895	-0.0672	-0.0220	-0.0207	1.4539	1.6608	-0.0544	-0.0206	-0.0197	1.9006	1.6945
	11	12	-0.0615	-0.0179	-0.0204	1.6401	1.5387	-0.0491	-0.0198	-0.0166	2.0182	1.8384	-0.0672	-0.0220	-0.0207	1.4539	1.6608	-0.0544	-0.0206	-0.0197	1.9006	1.6945

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
391	2	10	0.896	0.05	44.99	1.5430	1.1912	-0.0280	-0.0116	-0.0086	2.0866	1.5953		
		11	-0.0365	-0.0112	-0.0086	1.3077	1.5530	-0.0217	-0.0093	-0.0086	2.1573	1.9908		
		12	-0.0439	-0.0115	-0.0136									
391	3	10	0.898	1.09	44.99	1.5781	1.1115	-0.0136	-0.0071	-0.0021	2.6321	0.8053		
		11	-0.0314	-0.0099	-0.0069	1.1541	1.1973	-0.0233	-0.0099	-0.0092	2.1311	1.9737		
		12	-0.0262	-0.0060	-0.0062									
391	4	10	0.898	3.20	44.99	1.8766	2.4600	0.0393	0.0111	0.0143	1.4214	1.8208		
		11	0.0109	0.0041	0.0053	2.2838	1.9595	0.0202	0.0042	0.0054	1.0584	1.3462		
		12	0.0289	0.0132	0.0113									
391	5	10	0.898	6.34	44.99	1.8960	1.8973	0.1338	0.0439	0.0465	1.6435	1.7402		
		11	0.0577	0.0218	0.0219	1.8766	1.7953	0.0644	0.0206	0.0215	1.6026	1.6684		
		12	0.1216	0.0456	0.0436									
391	6	10	0.897	9.47	44.99	7.9250	3.5915	0.2383	0.0715	0.0861	1.5011	1.8066		
		11	0.0043	0.0068	0.0031	1.6086	1.8619	0.0058	0.0030	-0.0006	2.6398	-0.5160		
		12	0.2251	0.0724	0.0838									
391	7	10	0.897	12.63	44.99	1.4353	1.8654	0.3362	0.0915	0.1241	1.3619	1.8457		
		11	0.1292	0.0371	0.0482	1.0364	1.8812	0.1216	0.0368	0.0433	1.5160	1.7836		
		12	0.3334	0.0691	0.1254									
391	8	10	0.898	0.03	44.99	1.5682	1.2592	-0.0268	-0.0114	-0.0087	2.1275	1.6324		
		11	-0.0362	-0.0113	-0.0091	1.3078	1.5352	-0.0222	-0.0094	-0.0084	2.1309	1.9052		
		12	-0.0438	-0.0114	-0.0134									
392	1	10	0.897	-3.01	44.99	1.6832	1.5729	-0.0633	-0.0254	-0.0220	2.0104	1.7393		
		11	-0.0743	-0.0250	-0.0233	1.5609	1.6487	-0.0610	-0.0233	-0.0220	1.9156	1.8089		
		12	-0.0785	-0.0245	-0.0258									
392	2	10	0.896	0.11	44.99	1.6315	1.3205	-0.0493	-0.0197	-0.0165	1.9988	1.6737		
		11	-0.0511	-0.0166	-0.0135	1.4977	1.5961	-0.0412	-0.0166	-0.0144	2.0244	1.7545		
		12	-0.0704	-0.0211	-0.0224									
392	3	10	0.896	1.15	44.99	1.6488	1.3400	-0.0420	-0.0176	-0.0119	2.0928	1.4218		
		11	-0.0664	-0.0219	-0.0178	1.5096	1.4367	-0.0580	-0.0222	-0.0216	1.9146	1.8619		
		12	-0.0605	-0.0182	-0.0174									
392	4	10	0.898	3.25	44.99	1.4733	0.9614	0.0245	0.0051	0.0106	1.0451	2.1695		
		11	-0.0205	-0.0060	-0.0039	2.8268	2.8916	-0.0159	-0.0071	-0.0065	2.2384	2.0485		
		12	-0.0125	0.0070	0.0072									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key															
392	5	0.896	6.38	44.99	1.7815	1.8525	0.1285	0.0420	0.0450	1.6342	1.7514						
	11	0.0536	0.0191	0.0198	1.8722	1.8056	0.0558	0.0165	0.0180	1.4821	1.6135						
	12	0.1184	0.0443	0.0427													
392	6	0.897	9.52	44.99	0.3115	2.8610	0.2376	0.0712	0.0854	1.5001	1.7984						
	11	0.0068	0.0113	0.0039	1.6110	1.8602	0.0048	0.0058	-0.0002	6.1147	-0.3107						
	12	0.2240	0.0721	0.0833													
392	7	0.896	12.66	44.99	1.3910	1.8829	0.3408	0.0924	0.1260	1.3563	1.8496						
	11	0.1128	0.0313	0.0424	1.0384	1.8853	0.1019	0.0298	0.0361	1.4646	1.7723						
	12	0.3329	0.0691	0.1255													
392	8	0.895	0.11	44.99	1.6445	1.3634	-0.0493	-0.0197	-0.0163	1.9986	1.6576						
	11	-0.0523	-0.0172	-0.0142	1.5040	1.6223	-0.0411	-0.0166	-0.0147	2.0244	1.7926						
	12	-0.0692	-0.0208	-0.0224													
393	1	0.897	-2.94	44.99	1.6966	1.6060	-0.0760	-0.0304	-0.0266	2.0030	1.7539						
	11	-0.0716	-0.0243	-0.0230	1.6269	1.6384	-0.0659	-0.0255	-0.0238	1.9380	1.8064						
	12	-0.0933	-0.0303	-0.0305													
393	2	0.895	0.18	44.99	1.6836	1.3909	-0.0615	-0.0244	-0.0207	1.9810	1.6842						
	11	-0.0545	-0.0183	-0.0151	1.5452	1.6686	-0.0470	-0.0191	-0.0164	2.0377	1.7444						
	12	-0.0810	-0.0250	-0.0270													
393	3	0.896	1.20	44.99	1.6262	1.4316	-0.0569	-0.0228	-0.0179	2.0066	1.5705						
	11	-0.0764	-0.0242	-0.0219	1.5532	1.5567	-0.0706	-0.0262	-0.0253	1.8594	1.7946						
	12	-0.0779	-0.0242	-0.0242													
393	4	0.896	3.30	44.99	1.7447	1.3485	0.0012	-0.0046	0.0056	-18.8176	22.5538						
	11	-0.0488	-0.0170	-0.0131	1.6737	-1.8445	-0.0626	-0.0248	-0.0229	1.9824	1.8294						
	12	-0.0083	-0.0027	0.0030													
393	5	0.896	6.42	44.99	1.6889	1.8521	0.1277	0.0409	0.0441	1.6038	1.7265						
	11	0.0506	0.0170	0.0167	1.8536	1.7950	0.0490	0.0131	0.0149	1.5366	1.5207						
	12	0.1144	0.0424	0.0410													
393	6	0.895	9.55	44.99	3.4727	2.3060	0.2321	0.0699	0.0833	1.5057	1.7964						
	11	0.0241	0.0167	0.0111	1.6263	1.8662	0.0217	0.0116	0.0062	2.6874	1.4381						
	12	0.2157	0.0701	0.0805													
393	7	0.895	0.17	44.99	1.6781	1.3823	-0.0620	-0.0244	-0.0210	1.9734	1.6946						
	11	-0.0542	-0.0182	-0.0150	1.5492	1.6448	-0.0475	-0.0195	-0.0169	2.0509	1.7865						
	12	-0.0812	-0.0251	-0.0267													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																				
394	1	10	0.896	-2.84	44.99	1.7138	1.5812	-0.1058	-0.0385	-0.0347	1.8207	1.6402	-0.0696	-0.0238	-0.0390	1.5593	1.5871	-0.0654	-0.0258	-0.0236	1.9735	1.8056	
		11	-0.1230	-0.0383	-0.0320																		
		12																					
394	2	10	0.899	0.27	44.99	1.6927	1.3778	-0.0704	-0.0276	-0.0248	1.9647	1.7616	-0.0461	-0.0156	-0.0127	1.6042	1.6996	-0.0432	-0.0185	-0.0156	2.1483	1.8107	
		11	-0.0918	-0.0294	-0.0312																		
		12																					
394	3	10	0.895	1.29	44.99	1.6312	1.4411	-0.0678	-0.0260	-0.0232	1.9165	1.7100	-0.0710	-0.0280	-0.0302	1.5387	1.6605	-0.0602	-0.0233	-0.0216	1.9345	1.7974	
		11	-0.0911	-0.0280	-0.0302																		
		12																					
394	4	10	0.897	2.32	44.99	1.5909	1.5997	-0.0601	-0.0236	-0.0181	1.9677	1.5044	-0.1124	-0.0359	-0.0246	1.5517	1.5348	-0.0999	-0.0348	-0.0375	1.7448	1.8797	
		11	-0.0802	-0.0249	-0.0246																		
		12																					
394	5	10	0.897	3.37	44.99	1.7173	1.6469	-0.0389	-0.0171	-0.0083	2.2015	1.0719	-0.1191	-0.0409	-0.0124	1.5558	1.1408	-0.1167	-0.0416	-0.0438	1.7840	1.8772	
		11	-0.0547	-0.0170	-0.0124																		
		12																					
394	6	10	0.897	0.26	44.99	1.6803	1.3807	-0.0704	-0.0278	-0.0248	1.9780	1.7649	-0.0450	-0.0151	-0.0124	1.6067	1.7049	-0.0411	-0.0177	-0.0149	2.1538	1.8128	
		11	-0.0899	-0.0288	-0.0306																		
		12																					
394	7	10	0.897	0.76	44.99	1.6876	1.4344	-0.0670	-0.0281	-0.0247	2.1022	1.8430	-0.0460	-0.0155	-0.0132	1.6806	1.7388	-0.0397	-0.0173	-0.0150	2.1787	1.8941	
		11	-0.0867	-0.0291	-0.0301																		
		12																					
395	3	10	0.600	3.15	-0.00	0.6313	2.2481	-0.0534	-0.0185	-0.0178	1.7295	1.6698	-0.0096	-0.0012	-0.0009	0.2331	2.8327	-0.0422	-0.0144	-0.0149	1.7063	1.7628	
		11	-0.0017	-0.0000	-0.0009																		
		12																					
395	4	10	0.600	0.05	-0.00	-0.3632	3.0893	0.0176	0.0066	0.0064	1.8907	1.8131	-0.0045	-0.0003	-0.0008	-0.6341	2.6014	0.0248	0.0094	0.0076	1.9000	1.5338	
		11	-0.0016	-0.0002	-0.0008																		
		12																					
395	5	10	0.600	0.99	-0.00	-0.7517	3.1186	0.0313	0.0115	0.0108	1.8348	1.7242	-0.0038	-0.0005	-0.0023	-0.7517	3.1186	0.0313	0.0146	0.0127	1.8388	1.6017	
		11	-0.0014	-0.0000	-0.0006																		
		12																					
395	6	10	0.599	3.12	-0.00	-0.2174	2.6357	0.0798	0.0287	0.0276	1.7981	1.7340	-0.0050	-0.0002	-0.0005	-0.2174	2.6357	0.0798	0.0308	0.0285	1.8057	1.6736	
		11	-0.0002	-0.0002	-0.0005																		
		12																					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
395	7	10	0.600	6.22	0.0027	0.00	-0.3103	2.5502	0.1617	0.0541	0.0560	1.6723	1.7337	
		11	0.0054	-0.0003	0.00002	0.00	2.9865	-1.3906	0.1702	0.0569	0.0592	1.6736	1.7413	
		12	0.0010	0.0005	-0.00002	0.00								
395	8	10	0.601	9.35	0.0023	0.00	-0.3220	2.1681	0.2613	0.0755	0.0931	1.4462	1.7830	
		11	0.0054	-0.0003	0.00004	0.00	2.9791	-1.7284	0.2664	0.0764	0.0963	1.4347	1.8070	
		12	0.0012	0.0007	-0.00004	0.00								
395	9	10	0.601	12.54	-0.00	0.00	-1.0187	2.5872	0.3934	0.0812	0.1419	1.0329	1.8042	
		11	0.0040	-0.0008	0.0020	0.00	2.7660	-1.5163	0.3933	0.0803	0.1436	1.0212	1.8264	
		12	0.0004	0.0002	-0.0011	0.00								
395	10	10	0.599	-0.07	-0.00	0.00	-0.5625	3.1391	0.0190	0.0069	0.0067	1.8163	1.7604	
		11	0.0040	-0.0004	0.0025	0.00	3.8421	3.8421	0.0267	0.0097	0.0079	1.8315	1.4803	
		12	-0.0009	0.0000	-0.0006	0.00								
396	1	10	0.600	3.12	-0.00	0.00	0.4737	2.5678	-0.0644	-0.0226	-0.0212	1.7565	1.6309	
		11	0.0078	0.0007	0.0040	0.00	0.6443	2.0044	-0.0544	-0.0190	-0.0187	1.7534	1.7239	
		12	-0.0024	-0.0003	-0.0009	0.00								
396	2	10	0.600	-0.03	-0.00	0.00	0.2841	2.4130	0.0003	0.0002	0.0012	3.5027	1.9323	
		11	0.0066	0.0003	0.0032	0.00	0.5304	1.7961	0.0079	0.0030	0.0022	3.5036	1.9323	
		12	-0.0019	-0.0002	-0.0006	0.00								
396	3	10	0.600	1.04	-0.00	0.00	-0.7042	2.7095	0.0209	0.0077	0.0079	1.8406	1.9035	
		11	0.0041	-0.0005	0.0022	0.00	0.6341	2.6014	0.0258	0.0096	0.0086	1.8686	1.6649	
		12	-0.0016	-0.0002	-0.0008	0.00								
396	4	10	0.598	3.12	-0.00	0.00	0.1046	2.2302	0.0673	0.0239	0.0233	1.7788	1.7345	
		11	0.0062	0.0001	0.0028	0.00	-6.6675	17.9249	0.0743	0.0267	0.0249	1.8002	1.6784	
		12	-0.0001	0.0002	-0.0007	0.00								
396	5	10	0.598	6.26	-0.00	0.00	-0.5411	2.4246	0.1592	0.0533	0.0559	1.6748	1.7566	
		11	0.0043	-0.0004	0.0021	0.00	2.4973	0.0013	0.1623	0.0546	0.0566	1.6842	1.7452	
		12	0.0018	0.0009	0.0000	0.00								
396	6	10	0.599	9.35	0.00	0.00	-2.8136	3.6370	0.2590	0.0753	0.0922	1.4538	1.7806	
		11	0.0023	-0.0012	0.0016	0.00	5.6665	-12.4649	0.2628	0.0761	0.0948	1.4484	1.8047	
		12	0.0003	0.0003	-0.0008	0.00								
396	7	10	0.599	12.56	-0.00	0.00	-1.1066	2.6215	0.3893	0.0817	0.1403	1.0499	1.8028	
		11	0.0037	-0.0008	0.0019	0.00	-7.8001	28.4918	0.3882	0.0812	0.1421	1.0456	1.8028	
		12	-0.0001	0.0002	-0.0009	0.00								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																				
396	8	10	0.599	-0.003	-0.000	0.5716	2.4364	-0.0661	0.0004	0.0009	2.1910	4.7609	0.0047	-0.0002	0.0026	-0.2281	2.8136	3.0010	0.0004	0.0009	2.1910	4.7609	
		11	-0.0021	-0.0003	-0.0008	0.7522	1.9689	0.0052	0.0024	0.0020	2.2954	1.9919											
		12																					
397	1	10	0.599	-3.10	-0.00	0.5716	2.4364	-0.0661	0.0234	-0.0222	1.7707	1.6795	0.0086	0.0009	0.0042	0.2622	1.5871	-0.0587	-0.0206	-0.0199	1.7588	1.6990	
		11	-0.0017	-0.0000	-0.0005	0.2622	1.5871	-0.0587	-0.0206	-0.0199	1.7588	1.6990											
		12																					
397	2	10	0.600	-0.003	-0.00	0.1109	2.4532	-0.0074	-0.0025	-0.0017	1.7109	1.1603	0.0062	0.0001	0.0030	0.1109	1.6706	-0.0009	-0.0002	-0.0008	1.7109	1.1603	
		11	-0.0012	0.0000	-0.0004	-0.0785	1.6706	-0.0009	-0.0002	-0.0008	1.7109	1.1603											
		12																					
397	3	10	0.599	1.01	-0.00	-1.3042	3.6095	0.0112	0.0041	0.0049	1.8427	2.2196	0.0031	-0.0008	0.0022	-0.3166	2.4476	0.0170	0.0062	0.0056	1.8427	2.2196	
		11	-0.0014	-0.0000	-0.0007	0.3166	2.4476	0.0170	0.0062	0.0056	1.8427	2.2196											
		12																					
397	4	10	0.599	3.13	-0.00	0.0969	2.1219	0.0604	0.0215	0.0212	1.7848	1.7610	0.0065	0.0001	0.0027	0.0969	6.0797	0.0679	0.0243	0.0225	1.7848	1.7610	
		11	-0.0002	0.0002	-0.0002	-5.3980	6.0797	0.0679	0.0243	0.0225	1.7848	1.7610											
		12																					
397	5	10	0.600	6.27	-0.00	-2.9865	2.7920	0.1572	0.0527	0.0550	1.6767	1.7518	0.0040	-0.0004	0.0022	-2.9865	-1.3906	0.1615	0.0544	0.0562	1.6767	1.7518	
		11	-0.0010	0.0005	-0.0002	2.9865	-1.3906	0.1615	0.0544	0.0562	1.6767	1.7518											
		12																					
397	6	10	0.600	9.40	0.00	-4.8337	4.3910	0.2613	0.0758	0.0930	1.4505	1.7797	0.0015	-0.0015	0.0013	-4.8337	4.3910	0.2613	0.0763	0.0947	1.4505	1.7797	
		11	-0.0005	0.0004	-0.0006	4.7568	-6.7068	0.2636	0.0763	0.0947	1.4505	1.7797											
		12																					
397	7	10	0.599	12.56	-0.00	-2.8328	2.4672	0.3881	0.0818	0.1400	1.0546	1.8036	0.0042	-0.0007	0.0020	-2.9914	-1.1632	0.3869	0.0809	0.1411	1.0546	1.8036	
		11	-0.0012	0.0007	-0.0002	2.9914	-1.1632	0.3869	0.0809	0.1411	1.0546	1.8036											
		12																					
397	8	10	0.600	-0.00	-0.00	-0.3776	2.6278	-0.0049	-0.0016	-0.0007	1.6330	0.7269	0.0045	-0.0003	0.0023	-0.6493	1.7101	0.0009	-0.0005	-0.0002	1.6330	0.7269	
		11	-0.0024	0.0003	-0.0008	0.6493	-1.7101	0.0009	-0.0005	-0.0002	1.6330	0.7269											
		12																					
398	1	10	0.600	-3.08	-0.00	0.4444	2.1280	-0.0705	-0.0251	-0.0234	1.7816	1.6645	0.0082	0.0007	0.0034	0.4444	2.1280	-0.0705	-0.0232	-0.0222	1.7816	1.6645	
		11	-0.0005	0.0002	-0.0002	-2.2629	2.5290	-0.0660	-0.0232	-0.0222	1.7564	1.6839											
		12																					
398	2	10	0.600	0.00	-0.00	0.0076	2.1874	-0.0237	-0.0084	-0.0067	1.7655	1.4117	0.0060	0.0000	0.0026	0.0076	2.5290	-0.0187	-0.0065	-0.0066	1.7655	1.4117	
		11	-0.0005	0.0002	-0.0002	-2.2629	2.5290	-0.0187	-0.0065	-0.0066	1.7444	1.7656											
		12																					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																				
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				
398	3	10	0.601	1.08	-0.00	0.2754	2.0982	-0.0004	-0.0002	0.0018	2.5395	-10.8140	0.0066	0.0003	0.0027	0.0000	-31.5141	-0.0358	0.0033	0.0012	0.0015	1.8698	2.3048
		11	-0.0000	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		12																					
398	4	10	0.600	3.19	-0.00	0.1046	2.2302	0.0550	0.0193	0.0193	1.7538	1.7594	0.0062	0.0001	0.0027	0.0005	-2.4371	0.0610	0.0217	0.0202	1.7790	1.6564	
		11	-0.0005	0.0002	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
		12																					
398	5	10	0.600	6.30	-0.00	0.5360	2.5861	0.1517	0.0512	0.0530	1.6885	1.7484	0.0043	0.0004	0.0022	0.0000	-0.5360	0.1565	0.0530	0.0543	1.6946	1.7373	
		11	0.0000	0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		12																					
398	6	10	0.600	9.44	0.00	1.7678	2.7785	0.2556	0.0746	0.0912	1.4603	1.7851	0.0030	0.0010	0.0016	0.0000	-1.7678	0.2556	0.0755	0.0922	1.4661	1.7900	
		11	0.0024	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		12																					
398	7	10	0.601	12.57	-0.00	2.8956	2.8956	0.3865	0.0819	0.1395	1.0594	1.8043	0.0028	0.0009	0.0016	0.0009	-1.6310	0.3865	0.0812	0.1404	1.0551	1.8237	
		11	0.0003	0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		12																					
398	8	10	0.600	0.00	-0.00	0.4421	2.0427	-0.0236	-0.0082	-0.0064	1.7545	1.3621	0.0082	0.0007	0.0033	0.0006	0.4421	-0.0168	-0.0057	-0.0055	1.7103	1.6584	
		11	0.0017	0.0000	-0.0000	0.2526	1.9968	0.4421	0.0082	0.0064	1.7545	1.3621	0.0017	0.0000	0.0000	0.0000	0.2526	0.4421	-0.0057	-0.0055	1.7103	1.6584	
		12																					
399	1	10	0.600	3.02	-0.00	1.9915	1.9915	0.0794	-0.0282	-0.0261	1.7791	1.6437	0.0115	0.0018	0.0046	0.0006	1.9915	-0.0702	-0.0249	-0.0240	1.7792	1.7096	
		11	0.0017	0.0000	-0.0000	0.2526	1.9968	0.7791	0.0282	0.0261	1.7791	1.6437	0.0017	0.0000	0.0000	0.0000	0.2526	0.7791	-0.0249	-0.0240	1.7791	1.7096	
		12																					
399	2	10	0.601	0.04	-0.00	2.4305	2.4305	-0.0423	-0.0150	-0.0128	1.7754	1.5147	0.0057	0.0000	0.0027	0.0013	2.4305	-0.0318	-0.0111	-0.0099	1.7571	1.5560	
		11	0.0038	0.0000	-0.0000	1.0050	1.8232	0.0146	-0.0150	-0.0128	1.7754	1.5147	0.0038	0.0000	0.0000	0.0000	1.0050	-0.0318	-0.0111	-0.0099	1.7571	1.5560	
		12																					
399	3	10	0.600	1.12	-0.00	1.9565	1.9565	-0.0262	-0.0104	-0.0057	1.9870	1.0913	0.0060	0.0000	0.0023	0.0004	1.9565	-0.0229	-0.0090	-0.0060	1.9713	1.3236	
		11	0.0019	0.0002	-0.0004	0.5443	1.0654	0.0009	-0.0104	-0.0057	1.9870	1.0913	0.0019	0.0002	0.0000	0.0000	0.5443	-0.0229	-0.0090	-0.0060	1.9713	1.3236	
		12																					
399	4	10	0.599	3.23	-0.00	1.8768	1.8768	0.0434	0.0145	0.0156	1.6774	1.8047	0.0078	0.0004	0.0029	0.0001	1.8768	0.0434	0.0169	0.0163	1.7515	1.6893	
		11	0.0006	0.0005	-0.0001	4.4589	-1.0431	0.4589	0.0169	0.0163	1.7515	1.6893	0.0006	0.0005	0.0000	0.0000	4.4589	-1.0431	0.0169	0.0163	1.7515	1.6893	
		12																					
399	5	10	0.600	6.32	0.00	2.7819	2.7819	0.1438	0.0487	0.0496	1.6924	1.7249	0.0045	0.0003	0.0025	0.0005	-0.3728	0.1491	0.0508	0.0514	1.7031	1.7259	
		11	0.0045	0.0003	-0.0005	5.9600	-8.9272	0.1491	0.0508	0.0514	1.7031	1.7259	0.0045	0.0003	0.0000	0.0000	5.9600	-8.9272	0.0508	0.0514	1.7031	1.7259	
		12																					

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																								
399	6	10	0.600	9.44	0.000	0.000	-1.3420	2.5700	0.2519	0.0744	0.0893	1.4769	1.7730													
	11		0.0035	-0.0009	0.0018	0.0000	2.3614	0.0015	0.2541	0.0750	0.0913	1.4767	1.7966													
	12		0.0014	0.0007	0.0000																					
399	7	10	0.599	12.57	-0.000	-1.2235	2.7195	0.3860	0.0821	0.1388	1.0640	1.7981														
	11		0.0038	-0.0009	0.0020	-2.9210	-4.3995	0.3847	0.0814	0.1398	1.0580	1.8172														
	12		0.0006	0.0003	-0.0005																					
399	8	10	0.601	0.04	0.000	0.1131	2.3501	-0.0416	-0.0148	-0.0121	1.7768	1.5337														
	11		0.0059	0.0001	0.0027	0.9425	1.8033	-0.0340	-0.0117	-0.0107	1.7253	1.5779														
	12		-0.0023	-0.0004	-0.0008																					
400	1	10	0.600	3.00	0.000	0.8025	2.0481	-0.0868	-0.0309	-0.0287	1.7634	1.6549														
	11		0.0112	0.0018	0.0046	0.2717	1.1827	-0.0800	-0.0284	-0.0272	1.7745	1.6997														
	12		-0.0017	-0.0000	-0.0004																					
400	2	10	0.600	0.09	0.000	0.6955	1.9831	-0.0515	-0.0180	-0.0152	1.7515	1.4832														
	11		0.0094	0.0013	0.0037	0.8724	1.3249	-0.0419	-0.0145	-0.0135	1.7395	1.6117														
	12		-0.0031	-0.0005	-0.0008																					
400	3	10	0.600	1.14	0.000	0.1131	2.3501	-0.0525	-0.0194	-0.0144	1.8503	1.3706														
	11		0.0059	0.0001	0.0027	0.9747	1.4750	-0.0467	-0.0172	-0.0133	1.8494	1.4299														
	12		-0.0028	-0.0005	-0.0008																					
400	4	10	0.600	3.27	0.000	0.2577	1.9015	0.0367	0.0113	0.0139	1.5370	1.8993														
	11		0.0069	0.0003	0.0026	6.1237	-6.9541	0.0411	0.0129	0.0138	1.5712	1.6852														
	12		0.0003	0.0003	-0.0004																					
400	5	10	0.600	6.34	0.000	0.1078	2.3418	0.1415	0.0482	0.0489	1.7028	1.7306														
	11		0.0062	0.0001	0.0029	-54.4646	41.5324	0.1436	0.0491	0.0497	1.7116	1.7311														
	12		-0.0000	0.0003	-0.0002																					
400	6	10	0.600	9.42	0.000	-4.8664	3.8100	0.2525	0.0745	0.0896	1.4762	1.7751														
	11		0.0014	-0.0014	0.0011	-2.1203	-1.2345	0.2553	0.0748	0.0906	1.4782	1.7898														
	12		0.0011	0.0004	-0.0002																					
400	7	10	0.600	12.59	0.000	-7.8409	3.9152	0.3830	0.0820	0.1378	1.0705	1.7995														
	11		0.0010	-0.0016	0.0008	-2.8480	-7.7557	0.3805	0.0812	0.1388	1.0682	1.8251														
	12		0.0004	0.0002	-0.0006																					
400	8	10	0.600	0.08	0.000	0.2632	2.1023	-0.0508	-0.0178	-0.0154	1.7534	1.5180														
	11		0.0069	0.0003	0.0029																					
	12		0.0029	0.0003	-0.0002																					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	←	→	See Key	→						
401	12	-0.0026	-0.0004	-0.0011	0.8165	2.1300	-0.0426	-0.0148	-0.0140	1.7376	1.6514
	10	0.600	-2.91	-0.00							
	11	0.0124	0.0021	0.0048	0.8656	1.9583	-0.0949	-0.0337	-0.0313	1.7798	1.6541
	12	-0.0020	-0.0000	-0.0005	0.2170	1.3416	-0.0863	-0.0307	-0.0293	1.7792	1.7001
401	10	0.600	0.13	-0.00							
	11	0.0080	0.0008	0.0033	0.5237	2.0738	-0.0531	-0.0184	-0.0165	1.7387	1.5572
	12	-0.0038	-0.0007	-0.0013	1.0050	1.8232	-0.0455	-0.0158	-0.0150	1.7366	1.6504
401	10	0.600	1.16	-0.00							
	11	0.0059	0.0001	0.0027	0.1131	2.3501	-0.0583	-0.0202	-0.0171	1.7339	1.4695
	12	-0.0028	-0.0005	-0.0011	0.9687	1.9823	-0.0510	-0.0175	-0.0158	1.7205	1.5561
401	10	0.600	3.29	-0.00							
	11	0.0075	0.0007	0.0032	0.4812	2.1230	0.0139	0.0017	0.0085	0.6357	3.0536
	12	0.0006	0.0003	-0.0002	2.9671	-2.2829	0.0166	0.0031	0.0080	0.9525	2.4059
401	10	0.600	6.37	-0.00							
	11	0.0072	0.0003	0.0029	0.2494	3.0101	0.1401	0.0476	0.0484	1.6994	1.7286
	12	-0.0018	-0.0001	-0.0013	0.4943	3.7012	0.1439	0.0492	0.0496	1.7095	1.7250
401	10	0.600	9.43	0.00							
	11	0.0032	-0.0009	0.0016	-1.4682	2.8252	0.2417	0.0726	0.0852	1.5031	1.7625
	12	0.0001	0.0002	-0.0008	9.3761	-29.9163	0.2467	0.0740	0.0881	1.5003	1.7861
401	10	0.600	12.65	-0.00							
	11	-0.0004	-0.0020	0.0001	23.3881	-1.5527	0.3784	0.0824	0.1362	1.0888	1.7998
	12	0.0000	0.0000	-0.0006	1.7061	-60.2049	0.3715	0.0825	0.1352	1.1105	1.8197
401	10	0.598	0.15	-0.00							
	11	0.0091	0.0010	0.0035	0.5923	1.9153	-0.0529	-0.0184	-0.0159	1.7441	1.5037
	12	-0.0036	-0.0006	-0.0014	0.8970	1.9212	-0.0458	-0.0153	-0.0144	1.7473	1.6422

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

462	7	10 11 12	1.251 0.0024 0.0102	-3.007 -0.0007 0.0032	-0.000 0.0040 0.0024	-0.5625 1.5777	3.1391 1.2141	-0.0676 -0.0611	-0.0253 -0.0207	-0.0223 -0.0214	1.0711 1.6972	1.6477 1.7517
462	8	10 11 12	1.252 0.0021 0.0111	-1.009 -0.0009 0.0030	-0.000 0.0040 0.0025	-0.7456 1.3506	3.3007 1.1599	-0.0067 0.0004	-0.0041 0.0002	-0.0027 -0.0020	3.0563 2.6703	2.0334 21.7724
462	9	10 11 12	1.250 0.0033 0.0105	-0.006 -0.0014 0.0026	-0.000 0.0031 0.0024	-2.1935 1.2514	4.6468 1.1748	0.0158 0.0211	0.0044 0.0082	0.0050 0.0047	1.4117 1.9579	1.2872 1.1320
462	10	10 11 12	1.251 0.0029 0.0113	0.049 -0.0015 0.0026	-0.000 0.0031 0.0023	-2.6493 1.1637	5.2897 1.0443	0.0252 0.0294	0.0084 0.0116	0.0081 0.0081	1.6787 1.9738	1.6077 1.3763
462	11	10 11 12	1.251 0.0030 0.0109	0.098 -0.0016 0.0027	-0.000 0.0028 0.0024	-2.7493 1.2464	4.5831 1.1304	0.0366 0.0412	0.0128 0.0162	0.0123 0.0119	1.7454 1.9746	1.6904 1.4555
462	12	10 11 12	1.251 0.0003 0.0104	3.010 -0.0022 0.0019	-0.000 0.0017 0.0024	34.9161 0.9389	27.8007 1.1830	0.0919 0.0958	0.0300 0.0351	0.0313 0.0306	1.6359 1.7671	1.7050 1.6316
462	13	10 11 12	1.251 -0.0027 0.0113	6.023 -0.0019 0.0025	-0.000 0.0011 0.0024	3.5662 1.1107	-2.0951 1.0652	0.1960 0.1920	0.0536 0.0559	0.0678 0.0661	1.3685 1.4944	1.7399 1.7229
462	14	10 11 12	1.252 -0.0063 0.0098	9.038 -0.0025 0.0026	-0.000 0.0001 0.0017	2.0392 1.3551	-0.1045 0.9172	0.3118 0.3049	0.0690 0.0716	0.1103 0.1075	1.1065 1.1748	1.7685 1.7682
462	15	10 11 12	1.252 -0.0079 0.0085	12.061 -0.0029 0.0034	-0.000 0.0001 0.0013	1.8503 2.0213	-0.0873 0.7906	0.4286 0.4197	0.0814 0.0826	0.1524 0.1495	0.9505 0.9839	1.7789 1.7807
462	16	10 11 12	1.252 0.0038 0.0108	-0.007 -0.0016 0.0020	-0.000 0.0033 0.0026	-2.1849 0.9446	4.3921 1.2433	0.0160 0.0210	0.0046 0.0079	0.0048 0.0047	1.4425 1.8862	1.5294 1.1298
463	1	10 11	1.251 0.0063	-3.009 -0.0009	-0.000 0.0040	-0.7183 3.1687	-0.0713 -0.0267	-0.0240 -0.0240	1.8711 1.6881			

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																			
463	2	12	0.0101	0.0032	0.0026	1.5776	1.3268	-0.0662	-0.0227	-0.0233	1.7211	1.7637								
		10	1.251	-1.08	-0.0037															
		11	0.0047	-0.0012	0.0030	-1.3666	3.9218	-0.0126	-0.0058	-0.0044	2.3082	1.7573								
		12	0.0111	0.0025	0.0026	1.1363	1.2129	-0.0082	-0.0028	-0.0044	1.7302	2.6902								
463	3	10	1.251	-0.04	-0.00	-2.3416	4.5497	0.0081	0.0016	0.0027	1.0369	1.6742								
		11	0.0035	-0.0016	0.0032	1.0308	1.1916	0.0128	0.0046	0.0025	1.8165	0.9924								
		12	0.0113	0.0023	0.0026															
463	4	10	1.252	0.51	-0.0033	-1.8662	3.9661	0.0184	0.0059	0.0064	1.6108	1.7577								
		11	0.0042	-0.0015	0.0029	1.0330	1.2472	0.0239	0.0089	0.0062	1.8639	1.2943								
		12	0.0117	0.0024	0.0029															
463	5	10	1.251	1.00	-0.00	-3.2259	4.7378	0.0313	0.0105	0.0105	1.6795	1.6861								
		11	0.0031	-0.0020	0.0030	0.9452	1.1906	0.0363	0.0136	0.0104	1.8784	1.4328								
		12	0.0108	0.0020	0.0025															
463	6	10	1.250	3.13	-0.00	0.8912	121.6204	0.0899	0.0292	0.0291	1.6236	1.6898								
		11	0.0000	-0.0022	0.0015															
		12	0.0109	0.0019	0.0028															
463	7	10	1.250	6.23	-0.00	3.7958	-1.5528	0.1926	0.0529	0.0664	1.3745	1.7250								
		11	0.0029	-0.0022	0.0009	1.1362	1.1199	0.1892	0.0552	0.0645	1.4611	1.7056								
		12	-0.0115	0.0026	0.0025															
463	8	10	1.251	9.38	-0.00	2.0831	-0.1851	0.3099	0.0686	0.1095	1.1074	1.7667								
		11	0.0066	-0.0027	0.0002	1.3610	0.8864	0.3031	0.0715	0.1063	1.1774	1.7542								
		12	-0.0107	0.0029	0.0019															
463	9	10	1.250	12.61	-0.00	1.9555	-0.1704	0.4262	0.0811	0.1513	0.9520	1.7759								
		11	0.0073	-0.0028	0.0002	2.0034	0.9415	0.4180	0.0824	0.1486	0.9856	1.7776								
		12	-0.0083	0.0033	0.0015															
463	10	10	1.252	-0.03	-0.00	-2.1226	4.0233	0.0073	0.0013	0.0022	0.9055	1.5586								
		11	0.0041	-0.0017	0.0033	0.9272	1.3203	0.0131	0.0044	0.0024	1.7154	0.9344								
		12	0.0115	0.0021	0.0030															
464	1	10	1.251	-3.13	-0.00	-1.5112	3.7668	-0.0728	-0.0270	-0.0238	1.8608	1.6769								
		11	0.0049	-0.0014	0.0037	1.4174	1.3238	-0.0675	-0.0234	-0.0238	1.7352	1.6769								
		12	0.0106	0.0030	0.0028															
464	2	10	1.250	-1.05	-0.00															

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
464	3	10	0.0032	-0.0020	0.0034	-0.1933	5.4260	-0.0177	-0.0077	-0.0064	2.1679	1.8029						
		11	0.0105	0.0023	0.0025	1.1094	1.2243	-0.0112	-0.0042	-0.0055	1.8747	2.4582						
		12	1.250	-0.003	-0.00	-2.7964	4.9666	0.0034	-0.0000	0.0013	-0.0864	1.9614						
		11	0.0031	-0.0017	0.0031	1.2654	1.1737	0.0096	0.0034	0.0015	1.8121	0.8067						
		12	0.0115	0.0029	0.0026	-2.9267	4.6802	0.0163	0.0049	0.0053	1.8012	1.6423						
464	4	10	1.252	0.52	-0.00	1.0330	1.2472	0.0215	0.0077	0.0053	1.5123	1.2370						
		11	0.0033	-0.0019	0.0031	-4.7163	6.4762	0.0308	0.0101	0.0098	1.6512	1.5887						
		12	0.0117	0.0024	0.0029	1.0821	1.3043	0.0341	0.0127	0.0095	1.8698	1.5977						
464	5	10	1.250	1.03	-0.00													
		11	0.0020	-0.0019	0.0026													
		12	0.0111	0.0024	0.0029													
464	6	10	1.249	3.11	-0.00	1.1098	126.9987	0.0867	0.0281	0.0281	1.6226	1.6692						
		11	0.0000	-0.0022	0.0017													
		12	0.0113	0.0025	0.0026													
464	7	10	1.250	6.26	-0.00	3.7215	-1.4054	0.1921	0.0528	0.0661	1.3756	1.7203						
		11	0.0032	-0.0024	0.0009	1.0597	1.1825	0.1884	0.0549	0.0645	1.4568	1.7120						
		12	0.0118	0.0025	0.0028													
464	8	10	1.250	9.41	-0.00	2.2602	-0.0931	0.3082	0.0682	0.1085	1.1074	1.7686						
		11	0.0071	-0.0030	0.0022	1.4184	1.0548	0.3024	0.0712	0.1061	1.1785	1.7538						
		12	0.0106	0.0030	0.0022													
464	9	10	1.250	12.61	-0.00	1.9156	-0.0162	0.4254	0.0888	0.1510	0.9505	1.7747						
		11	0.0084	-0.0032	0.0000	2.0425	1.0427	0.4175	0.0821	0.1483	0.9832	1.7766						
		12	0.0102	0.0041	0.0021													
464	10	10	1.250	-0.02	-0.00	-1.9422	3.7494	0.0025	-0.0034	0.0010	-0.6591	2.0301						
		11	0.0043	-0.0016	0.0028	1.0551	1.2710	0.0097	0.0034	0.0015	-0.7442	0.7988						
		12	0.0110	0.0023	0.0028													
466	4	10	1.251	-3.13	-0.00	0.0178	2.5401	-0.0756	-0.0278	-0.0247	1.8384	1.6340						
		11	0.0079	0.0000	0.0040	1.3750	1.3850	-0.0712	-0.0240	-0.0245	1.8879	1.7238						
		12	0.0089	0.0024	0.0024													
466	5	10	1.250	-1.06	-0.00	-0.1936	2.9554	-0.0201	-0.0084	-0.0059	2.1046	1.4833						
		11	0.0064	-0.0002	0.0038	1.0801	1.2978	-0.0179	-0.0055	-0.0064	1.5560	1.7956						
		12	0.0104	0.0022	0.0027													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key																											
466	6	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.249	0.0061	0.0103	-0.0004	-0.0004	0.0023	-0.0033	0.0024	-0.0000	-0.3684	1.1386	2.7433	1.1992	0.0004	0.0031	-0.0005	0.0025	0.0007	0.0012	-5.9308	-4.0145	14.0906	1.2562					
466	7	10	11	12	1.251	0.0055	0.0099	0.0016	0.0006	0.0032	-0.5764	0.8401	2.9245	1.2962	0.0120	0.0159	0.0037	0.0062	0.0043	0.0052	1.5599	2.2487	2.1862	1.5604					
466	8	10	11	12	1.250	0.0047	0.0100	0.0016	1.008	0.0024	-0.8771	0.8409	3.1989	1.2388	0.0258	0.0270	0.0085	0.0109	0.0094	0.0086	1.6550	2.0270	1.8362	1.6019					
466	9	10	11	12	1.250	0.0020	0.0097	0.0013	3.15	0.0012	-2.9768	0.7138	4.3762	1.2074	0.0663	0.0838	0.0284	0.0303	0.0294	0.0275	1.6504	1.8093	1.7067	1.6431					
466	10	10	11	12	1.250	0.0003	0.0100	0.0016	6.29	0.0012	17.8868	-14.0105	1.1243	0.1848	0.1893	0.1848	0.0525	0.0546	0.0659	0.0638	1.3863	1.4786	1.7421	1.7268					
466	11	10	11	12	1.249	0.0050	0.0103	0.0033	9.39	0.0033	1.9354	-0.0161	0.3070	0.2953	0.0983	0.0708	0.1089	0.1043	0.1043	0.1043	1.1123	1.1195	1.7740	1.7668					
466	12	10	11	12	1.251	0.0060	0.0083	0.0033	12.63	0.0021	1.7431	-0.0171	0.4232	0.4132	0.0608	0.0817	0.1508	0.1474	0.1508	0.1474	0.9534	0.9892	1.7819	1.7835					
466	13	10	11	12	1.251	0.0066	0.0106	0.0019	-0.0004	0.0026	-0.3369	0.9142	2.7846	1.2616	-0.0002	0.0016	-0.0007	0.0017	0.0007	0.0002	14.0840	-14.5607	5.3244	0.6639					
467	1	10	11	12	1.252	0.0074	0.0094	0.0023	3.10	0.0023	-0.0376	1.4164	2.8276	-0.0753	-0.0269	-0.0255	-0.0269	-0.0260	-0.0260	-0.0260	1.8191	1.6927	1.6337	1.7293					
467	2	10	11	12	1.249	0.0073	0.0103	0.0022	-1.001	0.0011	-0.1090	1.0806	2.6610	-0.0252	-0.0105	-0.0075	-0.0078	-0.0079	-0.0078	-0.0079	2.0855	1.6875	1.5576	1.7726					
467	3	10	11	12	1.251	0.0064	0.0103	0.0017	-0.0001	0.0005	-0.4232	1.5550	2.6800	-0.0075	-0.0033	-0.0012	-0.0012	-0.0012	-0.0012	-0.0012	2.2020	0.7558	0.8283	2.0016					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

467	4	10 11 12	1.250 0.0066 0.0102	0.0053 -0.0018 0.0018	-0.0033 0.0026 0.0026	-0.4068 0.9058 0.9058	2.6613 1.5123 1.5123	0.0019 0.0060 0.0060	0.0004 0.0035 0.0035	0.0026 0.0018 0.0018	1.1305 2.9045 2.9045	6.8508 1.5582 1.5582
467	5	10 11 12	1.251 0.0050 0.0099	1.06 -0.0009 0.0016	-0.0033 0.0025 0.0025	-0.9043 0.8401 0.8401	3.3057 1.2962 1.2962	0.0179 0.0200 0.0200	0.0056 0.0081 0.0081	0.0071 0.0063 0.0063	1.5760 2.0259 2.0259	1.9975 1.5770 1.5770
467	6	10 11 12	1.251 0.0023 0.0095	3.16 -0.0015 0.0014	-0.000 0.0021 0.0024	-3.2019 0.7331 0.7331	4.5414 1.3001 1.3001	0.0795 0.0791 0.0791	0.0263 0.0284 0.0284	0.0269 0.0257 0.0257	1.6534 1.7991 1.7991	1.6938 1.6293 1.6293
467	7	10 11 12	1.251 0.0013 0.0110	6.28 -0.0017 0.0017	-0.000 0.0011 0.0024	6.3331 0.8101 0.8101	-4.0756 1.1536 1.1536	0.1835 0.1808 0.1808	0.0516 0.0538 0.0538	0.0636 0.0622 0.0622	1.4070 1.4885 1.4885	1.7352 1.7227 1.7227
467	8	10 11 12	1.250 0.0053 0.0104	9.45 -0.0021 0.0028	-0.000 0.0000 0.0021	1.9982 1.3701 1.3701	-0.0157 1.0317 1.0317	0.3060 0.2959 0.2959	0.0683 0.0709 0.0709	0.1082 0.1047 0.1047	1.1162 1.1991 1.1991	1.7676 1.7699 1.7699
467	9	10 11 12	1.250 0.0072 0.0096	12.63 -0.0025 0.0036	-0.000 0.0003 0.0018	1.7315 1.8895 1.8895	0.2170 0.9386 0.4112	0.4210 0.4112 0.4112	0.0804 0.0816 0.0816	0.1500 0.1465 0.1465	0.9553 0.9929 0.9929	1.7815 1.7814 1.7814
467	10	10 11 12	1.249 0.0055 0.0107	-0.01 -0.0006 0.0022	-0.000 0.0034 0.0026	-0.5699 1.0537 1.0537	3.1250 1.2128 1.2128	-0.0085 -0.0054 -0.0054	-0.0037 -0.0009 -0.0009	-0.0013 -0.0021 -0.0021	2.1941 0.8709 0.8709	0.8105 1.9553 1.9553
468	1	10 11 12	1.250 0.0061 0.0095	3.07 0.0003 0.0028	-0.000 0.0041 0.0027	0.1944 1.4827 1.4827	2.5409 1.4142 1.4142	-0.0836 -0.0789 -0.0789	-0.0301 -0.0265 -0.0265	-0.0278 -0.0273 -0.0273	1.8045 1.6823 1.6823	1.6626 1.7298 1.7298
468	2	10 11 12	1.251 0.0064 0.0107	-1.00 -0.0002 0.0021	-0.000 0.0037 0.0028	-0.1962 0.9978 0.9978	2.8689 1.3082 1.3082	-0.0333 -0.0299 -0.0299	-0.0130 -0.0100 -0.0100	-0.0103 -0.0103 -0.0103	1.9601 1.6808 1.6808	1.5303 1.7246 1.7246
468	3	10 11 12	1.251 0.0046 0.0110	0.01 -0.0010 0.0016	-0.000 0.0032 0.0028	-1.0853 0.7565 0.7565	3.4782 1.2794 1.2794	-0.0175 -0.0159 -0.0159	-0.0070 -0.0046 -0.0046	-0.0042 -0.0048 -0.0048	2.0078 1.4695 1.4695	1.2075 1.5285 1.5285
468	4	10 11 12	1.250 0.0033 0.0103	0.55 -0.0008 0.0015	-0.000 0.0031 0.0024	-0.7944 0.7642 0.7642	2.9939 1.1961 1.1961	-0.0121 -0.0099 -0.0099	-0.0048 -0.0024 -0.0024	-0.0012 -0.0019 -0.0019	1.9862 1.2227 1.2227	0.5198 0.9994 0.9994

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

468	5	10	1.249	1.08	-0.009	1.08	-1.0061	3.4306	0.0028	-0.0000	0.0036	-0.1256	6.3866
		11	0.0045	0.0017	0.0028	0.0031	0.7884	1.2614	0.0055	0.0024	0.0026	2.2056	2.3977
		12	0.0111	0.0017	0.0028	0.0028	0.7884	1.2614	0.0055	0.0024	0.0026	2.2056	2.3977
468	6	10	1.250	3.21	-0.0016	0.0021	-2.7238	3.6084	0.0738	0.0246	0.0250	1.6687	1.6933
		11	0.0029	0.0017	0.0028	0.0028	0.7884	1.2614	0.0731	0.0261	0.0235	1.7887	1.6106
		12	0.0111	0.0017	0.0028	0.0028	0.7884	1.2614	0.0731	0.0261	0.0235	1.7887	1.6106
468	7	10	1.250	6.32	-0.0018	0.0005	3.7394	-1.3493	0.1806	0.0510	0.0624	1.4130	1.7294
		11	-0.0021	0.0018	0.0025	0.0025	0.8835	1.2261	0.1777	0.0534	0.0608	1.5028	1.7126
		12	0.0105	0.0018	0.0025	0.0025	0.8835	1.2261	0.1777	0.0534	0.0608	1.5028	1.7126
468	8	10	1.250	9.45	-0.0026	0.0002	2.1306	0.1695	0.3015	0.0678	0.1063	1.1251	1.7636
		11	-0.0061	0.0030	0.0022	0.0022	1.4184	1.0548	0.2928	0.0704	0.1033	1.2036	1.7644
		12	0.0106	0.0030	0.0022	0.0022	1.4184	1.0548	0.2928	0.0704	0.1033	1.2036	1.7644
468	9	10	1.252	12.69	-0.0026	0.0004	1.7857	0.2824	0.4221	0.0806	0.1504	0.9548	1.7819
		11	-0.0075	0.0030	0.0014	0.0014	1.8212	0.8691	0.4119	0.0817	0.1468	0.9917	1.7818
		12	0.0084	0.0030	0.0014	0.0014	1.8212	0.8691	0.4119	0.0817	0.1468	0.9917	1.7818
468	10	10	1.251	0.02	0.0018	0.0009	-0.7537	3.0578	-0.0175	-0.0070	-0.0043	2.0088	1.2404
		11	0.0054	0.0018	0.0029	0.0033	0.8386	1.3247	-0.0153	-0.0046	-0.0049	1.5194	1.6162
		12	0.0110	0.0018	0.0029	0.0029	0.8386	1.3247	-0.0153	-0.0046	-0.0049	1.5194	1.6162
469	3	10	1.250	3.05	0.0007	0.0000	0.4410	2.3170	-0.0871	-0.0312	-0.0285	1.7903	1.6358
		11	0.0089	0.0026	0.0028	0.0041	1.2827	1.3718	-0.0826	-0.0273	-0.0282	1.6566	1.7071
		12	0.0102	0.0026	0.0028	0.0028	1.2827	1.3718	-0.0826	-0.0273	-0.0282	1.6566	1.7071
469	4	10	1.249	1.00	0.0006	0.0039	0.3829	2.4936	-0.0369	-0.0142	-0.0110	1.9351	1.4927
		11	0.0078	0.0026	0.0025	0.0025	1.1362	1.1199	-0.0370	-0.0120	-0.0123	1.6249	1.6619
		12	0.0115	0.0026	0.0025	0.0025	1.1362	1.1199	-0.0370	-0.0120	-0.0123	1.6249	1.6619
469	5	10	1.249	0.05	0.0001	0.0034	0.1066	2.8696	-0.0235	-0.0092	-0.0056	1.9688	1.1926
		11	0.0060	0.0020	0.0025	0.0034	1.0204	1.2814	-0.0247	-0.0073	-0.0076	1.4924	1.5428
		12	0.0101	0.0020	0.0025	0.0025	1.0204	1.2814	-0.0247	-0.0073	-0.0076	1.4924	1.5428
469	6	10	1.250	0.58	0.0001	0.0034	0.1066	2.8696	-0.0204	-0.0076	-0.0035	1.8775	0.8689
		11	0.0060	0.0017	0.0027	0.0034	0.8505	1.2997	-0.0220	-0.0057	-0.0058	1.3010	1.3282
		12	0.0103	0.0017	0.0027	0.0027	0.8505	1.2997	-0.0220	-0.0057	-0.0058	1.3010	1.3282
469	7	10	1.250	1.10	0.0000	0.0032	-0.0574	2.8328	-0.0137	-0.0052	-0.0001	1.9237	0.0440
		11	0.0057	0.0017	0.0027	0.0032	0.8505	1.2997	-0.0132	-0.0031	-0.0017	1.1970	0.6635
		12	0.0103	0.0017	0.0027	0.0027	0.8505	1.2997	-0.0132	-0.0031	-0.0017	1.1970	0.6635

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																				
469	8	10	1.250	5.23	-0.0024	-0.8971	2.6085	0.0670	0.0223	0.0232	1.6617	1.7331	0.0047	-0.0008	0.0029	0.8488	1.2768	0.0640	0.0235	0.0210	1.8341	1.6445	
		11	0.0114	0.0019	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
		12	0.0114	0.0019	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
469	9	10	1.249	6.33	-0.0009	2.0828	-2.6464	0.1772	0.0523	0.0620	1.4216	1.7519	-0.0017	-0.0007	0.0024	1.1633	1.0948	0.1721	0.0528	0.0389	1.5339	1.7121	
		11	0.0112	0.0026	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
		12	0.0112	0.0026	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
469	10	10	1.249	9.49	-0.0002	1.8245	0.1763	0.3025	0.0682	0.1072	1.1280	1.7729	-0.0008	-0.0021	0.0017	1.7142	1.0110	0.2906	0.0707	0.1027	1.2163	1.7670	
		11	0.0058	0.0030	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		12	0.0058	0.0030	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
469	11	10	1.250	12.68	-0.0000	1.5263	-0.0182	0.4214	0.0808	0.1510	0.9591	1.7925	-0.0000	-0.0017	0.0023	1.9765	1.1433	0.4092	0.0817	0.1458	0.9991	1.7821	
		11	0.0057	0.0040	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
		12	0.0102	0.0040	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
469	12	10	1.250	0.03	-0.0000	0.0270	2.8590	-0.0241	-0.0092	-0.0061	1.9063	1.2742	0.0066	0.0000	0.0037	0.8828	1.2804	-0.0247	-0.0077	-0.0075	1.5622	1.5354	
		11	0.0066	0.0018	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026
		12	0.0104	0.0018	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026
470	1	10	1.250	-3.03	-0.0000	0.0866	2.7319	-0.0905	-0.0321	-0.0297	1.7752	1.6266	0.0076	0.0001	0.0032	1.1065	1.5513	-0.0871	-0.0287	-0.0297	1.6478	1.7074	
		11	0.0076	0.0023	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032
		12	0.0105	0.0023	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032
470	2	10	1.250	-0.97	-0.0000	0.0302	2.9727	-0.0413	-0.0155	-0.0125	1.8630	1.5134	0.0064	0.0000	0.0028	0.8698	1.2549	-0.0408	-0.0136	-0.0139	1.6780	1.7145	
		11	0.0064	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
		12	0.0112	0.0019	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028
470	3	10	1.249	0.04	-0.0000	0.1754	2.8590	-0.0281	-0.0106	-0.0074	1.8937	1.3253	0.0064	0.0002	0.0029	1.0263	1.3419	-0.0295	-0.0092	-0.0095	1.5582	1.6123	
		11	0.0064	0.0022	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
		12	0.0109	0.0022	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
470	4	10	1.250	0.58	-0.0000	-0.1281	2.9434	-0.0265	-0.0096	-0.0060	1.8177	1.487	0.0061	-0.0001	0.0029	-0.7748	1.3635	-0.0279	-0.0080	-0.0082	1.4386	1.4705	
		11	0.0061	0.0016	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
		12	0.0107	0.0016	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
470	5	10	1.251	1.12	-0.0000	-0.8327	3.4560	-0.0271	-0.0098	-0.0045	1.8100	0.8472	0.0043	0.0007	0.0029	-0.4051	1.3283	-0.0282	-0.0082	-0.0066	1.4581	1.1724	
		11	0.0043	0.0008	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
		12	0.0110	0.0008	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
470	6	10	1.250	3.22	-0.0000	-1.3157	3.2924	0.0600	0.0181	0.0211	1.5088	1.7603	0.0042	0.0011	0.0027	-0.6204	1.3016	0.0577	0.0199	0.0189	1.7267	1.6558	
		11	0.0042	0.0012	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
		12	0.0103	0.0012	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

470	7	10	1.259	6.55	-0.00	2.5356	-3.5357	0.1750	0.0500	0.0612	1.4280	1.7492
		11	-0.0017	-0.0008	0.0012	0.8602	1.3030	0.1706	0.0520	0.0582	1.5252	1.7062
		12	0.0108	0.0018	0.0028							
470	8	10	1.248	9.49	-0.00	1.7034	0.2219	0.3012	0.0679	0.1069	1.1282	1.7758
		11	-0.0070	-0.0024	-0.0003	1.7799	1.0211	0.2895	0.0706	0.1021	1.2204	1.7640
		12	0.0093	0.0033	0.0019							
470	9	10	1.250	12.69	-0.00	1.2141	-0.6737	0.4213	0.0806	0.1505	0.9571	1.7866
		11	-0.0052	-0.0012	0.0007	1.8436	0.9863	0.4097	0.0817	0.1460	0.9982	1.7822
		12	0.0085	0.0031	0.0016							
470	10	10	1.249	0.03	-0.00	0.0197	2.6077	-0.0282	-0.0107	-0.0076	1.9004	1.3590
		11	0.0066	0.0000	0.0034	0.9212	1.2662	-0.0293	-0.0092	-0.0095	1.5798	1.6177
		12	0.0110	0.0020	0.0028							
471	1	10	1.250	3.01	-0.00	0.1457	2.6763	-0.0928	-0.0329	-0.0304	1.7764	1.6377
		11	0.0077	0.0002	0.0041	1.0775	1.5748	-0.0878	-0.0290	-0.0302	1.6525	1.7227
		12	0.0103	0.0022	0.0032							
471	2	10	1.248	-0.94	-0.00	0.0312	3.0052	-0.0438	-0.0164	-0.0133	1.8789	1.5170
		11	0.0061	0.0000	0.0037	0.8912	1.2843	-0.0420	-0.0141	-0.0148	1.6864	1.7637
		12	0.0109	0.0019	0.0028							
471	3	10	1.251	0.08	-0.00	-0.4092	3.2384	-0.0313	-0.0113	-0.0087	1.8131	1.3897
		11	0.0053	-0.0004	0.0034	0.6221	1.3265	-0.0313	-0.0180	-0.0104	1.5965	1.6584
		12	0.0110	0.0013	0.0029							
471	4	10	1.248	0.59	-0.00	-0.2563	3.1948	-0.0301	-0.0188	-0.0076	1.7896	1.2719
		11	0.0049	-0.0002	0.0031	-0.7748	1.3635	-0.0324	-0.0097	-0.0101	1.4987	1.5690
		12	0.0107	0.0016	0.0029							
471	5	10	1.251	1.13	-0.00	-0.6057	3.4092	-0.0328	-0.0188	-0.0072	1.8504	1.0973
		11	0.0044	-0.0005	0.0030	0.3741	1.3388	-0.0353	-0.0182	-0.0101	1.4498	1.4365
		12	0.0117	0.0008	0.0031							
471	6	10	1.250	3.24	-0.00	-1.3147	3.3185	0.0522	0.0143	0.0190	1.3734	1.8228
		11	0.0033	-0.0009	0.0023	-0.7447	1.1672	0.0520	0.0164	0.0169	1.5847	1.6319
		12	0.0105	0.0015	0.0024							
471	7	10	1.250	6.38	-0.00	2.5744	-3.2519	0.1753	0.0501	0.0606	1.4300	1.7288
		11	-0.0019	-0.0009	0.0012	0.8086	1.2385	0.1686	0.0515	0.0574	1.5293	1.7028
		12	0.0108	0.0017	0.0026							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key →

Run	Pt.	Cd																					
471	8	10	1.250	9.48	-0.0002	1.8367	0.1553	0.2981	0.0675	0.1053	1.1334	1.7664											
		11	-0.0065	-0.0024	0.0021	1.3701	1.0317	0.2879	0.0702	0.1014	1.2202	1.7612											
		12	0.0103	0.0028	0.0021																		
471	9	10	1.251	12.68	-0.0003	1.5256	0.2145	0.4197	0.0804	0.1501	0.9578	1.7889											
		11	-0.0073	-0.0022	0.0016	1.8388	0.8563	0.4086	0.0815	0.1455	0.9978	1.7810											
		12	0.0098	0.0036	0.0016																		
471	10	10	1.250	0.08	-0.0003	-0.0522	2.6709	-0.0309	-0.0112	-0.0067	1.8225	1.4082											
		11	0.0065	-0.0000	0.0034	0.8173	1.3962	-0.0323	-0.0102	-0.0107	1.5909	1.6609											
		12	0.0112	0.0018	0.0031																		
472	1	10	1.046	-2.99	-0.0003	0.2865	2.3106	-0.1018	-0.0368	-0.0340	1.8072	1.6724											
		11	0.0101	0.0005	0.0047	2.0501	1.0625	-0.0905	-0.0323	-0.0317	1.7851	1.7525											
		12	0.0055	0.0022	0.0011																		
472	2	10	1.048	-0.94	-0.0009	0.0233	2.7334	-0.0504	-0.0199	-0.0160	1.9769	1.5856											
		11	0.0071	0.0000	0.0039	1.8454	0.7438	-0.0419	-0.0169	-0.0149	2.0232	1.7806											
		12	0.0061	0.0022	0.0009																		
472	3	10	1.046	0.08	-0.0003	-0.5113	3.3575	-0.0361	-0.0150	-0.0109	2.0813	1.5151											
		11	0.0050	-0.0005	0.0010	1.8458	0.8512	-0.0316	-0.0130	-0.0109	2.0644	1.7287											
		12	0.0061	0.0022	0.0010																		
472	4	10	1.047	0.59	-0.0007	-0.5394	3.5665	-0.0341	-0.0141	-0.0097	2.0765	1.4279											
		11	0.0047	-0.0005	0.0034	1.7713	0.6768	-0.0312	-0.0122	-0.0097	1.9597	1.5689											
		12	0.0058	0.0020	0.0007																		
472	8	10	1.048	1.09	-0.0001	0.0335	3.0850	-0.0368	-0.0139	-0.0093	1.8983	1.2655											
		11	0.0050	0.0000	0.0031	1.6827	0.8607	-0.0356	-0.0123	-0.0098	1.7370	1.3881											
		12	0.0060	0.0020	0.0010																		
472	9	10	1.048	3.20	-0.0006	-0.7088	2.8588	0.0382	0.0080	0.0159	1.0570	2.0819											
		11	0.0045	-0.0017	0.0005	1.5512	0.4705	0.0453	0.0117	0.0157	1.2990	1.7379											
		12	0.0055	0.0017	0.0005																		
472	10	10	1.049	6.31	-0.0023	-0.7769	2.3601	0.1695	0.0499	0.0391	1.4724	1.7430											
		11	0.0049	-0.0007	0.0001	1.7570	0.1525	0.1742	0.0514	0.0396	1.4752	1.7128											
		12	0.0043	0.0015	0.0001																		
472	11	10	1.047	9.42	-0.0000	-9.0602	3.6527	0.3146	0.0802	0.1121	1.2747	1.7824											
		11	0.0014	-0.0025	0.0010	1.8352	-0.3316	0.3171	0.0822	0.1124	1.2962	1.7722											
		12	0.0038	-0.0014	-0.0002																		

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																								
472	12	10	1.046	12.61	-0.0002	10.6259	-0.7624	0.4523	0.0981	0.1633	1.0831	1.6054														
	11	11	0.0016	0.0035	0.0002	1.5862	-0.5733	0.4575	0.1006	0.1646	1.0996	1.7987														
	12	12	0.0045	0.0014	-0.0005																					
472	13	10	1.049	0.06	-0.0006	0.3109	2.4908	-0.0353	-0.0146	-0.0104	2.0662	1.4614														
	11	11	0.0075	0.0004	0.0037	1.8568	0.7011	-0.0315	-0.0124	-0.0102	1.9778	1.6253														
	12	12	0.0046	0.0017	0.0006																					
473	1	10	1.047	3.02	-0.0000	0.5125	2.1778	-0.0973	-0.0348	-0.0322	1.7908	1.6557														
	11	11	0.0110	0.0011	0.0048	1.8470	1.1761	-0.0877	-0.0303	-0.0301	1.7272	1.7157														
	12	12	0.0061	0.0022	0.0014																					
473	2	10	1.048	0.97	-0.0000	0.3017	2.5617	-0.0479	-0.0166	-0.0146	1.9407	1.5268														
	11	11	0.0078	0.0004	0.0040	1.8307	0.8622	-0.0414	-0.0157	-0.0141	1.9015	1.7072														
	12	12	0.0053	0.0019	0.0009																					
473	3	10	1.047	0.05	-0.0000	0.3764	2.5156	-0.0335	-0.0134	-0.0097	2.0083	1.4491														
	11	11	0.0077	0.0005	0.0039	1.6825	0.6438	-0.0302	-0.0116	-0.0100	1.9281	1.6602														
	12	12	0.0060	0.0020	0.0007																					
473	4	10	1.050	0.60	-0.0000	0.3688	2.4417	-0.0335	-0.0131	-0.0086	1.9531	1.2669														
	11	11	0.0074	0.0005	0.0036	1.7881	0.7640	-0.0313	-0.0110	-0.0089	1.7667	1.4302														
	12	12	0.0051	0.0018	0.0007																					
473	5	10	1.047	1.10	-0.0000	-0.0750	2.8544	-0.0367	-0.0140	-0.0087	1.8124	1.1325														
	11	11	0.0054	0.0000	0.0031	1.7874	0.5079	-0.0346	-0.0116	-0.0089	1.6755	1.2945														
	12	12	0.0051	0.0018	0.0005																					
473	6	10	1.047	3.21	-0.0000	-0.1615	2.5642	0.0497	0.0123	0.0186	1.2432	1.8775														
	11	11	0.0055	0.0002	0.0028	1.5848	0.2957	0.0561	0.0151	0.0188	1.3457	1.6761														
	12	12	0.0044	0.0014	0.0002																					
473	7	10	1.052	6.31	-0.0000	-0.4645	2.1964	0.1725	0.0505	0.0598	1.4645	1.7357														
	11	11	0.0058	0.0005	0.0025	1.8547	0.1407	0.1766	0.0518	0.0605	1.4682	1.7141														
	12	12	0.0046	0.0017	0.0001																					
473	8	10	1.049	9.41	-0.0000	-5.5717	3.2448	0.3127	0.0798	0.1117	1.2762	1.7868														
	11	11	0.0021	0.0024	0.0014	1.9377	0.0022	0.3174	0.0822	0.1125	1.2953	1.7725														
	12	12	0.0042	0.0016	0.0000																					
473	9	10	1.045	12.59	-0.0000	17.1491	-2.5138	0.4543	0.0984	0.1642	1.0830	1.8070														
	11	11	0.0010	0.0035	0.0005	1.7564	-0.2946	0.4564	0.1005	0.1642	1.1019	1.7997														
	12	12	-0.0043	0.0015	-0.0002																					

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
473	10	10	1.048	0.005	-0.00	0.2495	2.7278	-0.0348	-0.0139	-0.0098	1.9993	1.4063									
	11	11	0.0073	0.0003	0.0040	1.7310	0.0164	-0.0295	-0.0112	-0.0098	1.9082	1.6686									
	12	12	0.0055	0.0019	0.0009																
474	1	10	1.051	-3.03	-0.00	0.5275	2.2179	-0.0951	-0.0332	-0.0313	1.7462	1.6471									
	11	11	0.0096	0.0010	0.0042	1.9825	1.2664	-0.0856	-0.0285	-0.0293	1.6682	1.7141									
	12	12	0.0051	0.0020	0.0013																
474	2	10	1.050	-1.01	-0.00	0.5983	2.0755	-0.0460	-0.0174	-0.0140	1.8979	1.5285									
	11	11	0.0103	0.0012	0.0042	1.8702	0.8336	-0.0370	-0.0136	-0.0129	1.8451	1.7473									
	12	12	0.0054	0.0020	0.0009																
474	3	10	1.049	0.03	-0.00	0.3233	2.5021	-0.0318	-0.0124	-0.0084	1.9544	1.5335									
	11	11	0.0072	0.0004	0.0036	1.8702	0.8336	-0.0267	-0.0099	-0.0084	1.8544	1.5818									
	12	12	0.0054	0.0020	0.0009																
474	4	10	1.048	0.55	-0.00	0.1149	2.7576	-0.0302	-0.0112	-0.0069	1.7614	1.1421									
	11	11	0.0061	0.0001	0.0033	1.6826	0.7520	-0.0260	-0.0089	-0.0073	1.7178	1.3999									
	12	12	0.0060	0.0020	0.0009																
474	5	10	1.049	1.06	-0.00	0.0202	2.6245	-0.0302	-0.0112	-0.0055	1.8584	0.9210									
	11	11	0.0059	0.0000	0.0031	1.8563	0.5600	-0.0237	-0.0080	-0.0051	1.6963	1.0779									
	12	12	0.0046	0.0017	0.0005																
474	6	10	1.050	3.19	-0.00	-0.2533	2.3788	0.0603	0.0152	0.0218	1.2649	1.7817									
	11	11	0.0062	-0.0003	0.0029	1.6413	0.4970	0.0662	0.0180	0.0218	1.3639	1.6478									
	12	12	0.0052	0.0017	0.0005																
474	7	10	1.047	6.31	-0.00	-1.4477	2.3078	0.1748	0.0516	0.0608	1.4765	1.7397									
	11	11	0.0041	-0.0012	0.0019	1.8074	0.0024	0.1808	0.0539	0.0619	1.4908	1.7141									
	12	12	0.0045	0.0016	0.0000																
474	8	10	1.049	9.42	-0.00	-4.9270	2.7328	0.3150	0.0804	0.1123	1.2760	1.7830									
	11	11	0.0025	-0.0025	0.0014	1.7705	0.3376	0.3179	0.0823	0.1127	1.2959	1.7730									
	12	12	0.0058	0.0020	0.0003																
474	9	10	1.049	12.59	-0.00	14.8609	-3.6575	0.4556	0.0988	0.1647	1.0847	1.8076									
	11	11	0.0010	-0.0031	0.0007	1.6870	0.1213	0.4565	0.1006	0.1645	1.1026	1.8016									
	12	12	0.0054	0.0018	0.0001																
474	10	10	1.052	0.05	-0.00	0.3417	2.7022	-0.0316	-0.0124	-0.0085	1.9733	1.5459									
	11	11	0.0069	0.0004	0.0037	1.9417	0.7816	-0.0256	-0.0096	-0.0079	1.6738	1.5493									
	12	12	0.0050	0.0019	0.0007																

See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																									
475	1	10	1.046	-5.06	-0.00	0.4991	2.2794	-0.0914	-0.0312	-0.0303	1.7097	1.6609															
		11	0.0102	0.0010	0.0046	2.0300	1.0105	-0.0797	-0.0263	-0.0276	1.6523	1.7353															
		12	0.0045	0.0018	0.0009																						
475	2	10	1.050	-1.02	-0.00	0.4970	2.3337	-0.0392	-0.0145	-0.0119	1.6596	1.5252															
		11	0.0091	0.0009	0.0042	1.9024	1.0857	-0.0302	-0.0106	-0.0105	1.7539	1.7402															
		12	0.0048	0.0018	0.0010																						
475	3	10	1.049	0.01	-0.00	0.2421	2.4646	-0.0253	-0.0095	-0.0061	1.6639	1.2070															
		11	0.0073	0.0003	0.0036	1.9417	0.7816	-0.0173	-0.0060	-0.0051	1.7321	1.4789															
		12	0.0041	0.0016	0.0006																						
475	5	10	1.049	1.06	-0.00	-0.0700	2.6823	-0.0106	-0.0042	0.0001	1.9777	-0.0997															
		11	0.0060	-0.0000	0.0032	1.8568	0.7011	-0.0017	-0.0004	0.0012	1.3637	-0.7917															
		12	0.0046	0.0017	0.0006																						
475	6	10	1.053	3.18	-0.00	-0.3725	2.3517	0.0661	0.0173	0.0232	1.3089	1.7576															
		11	0.0057	-0.0004	0.0027	1.9066	0.6904	0.0733	0.0205	0.0238	1.4034	1.6276															
		12	0.0056	0.0021	0.0007																						
475	7	10	1.049	6.30	-0.00	-1.4426	2.7277	0.1770	0.0520	0.0620	1.4702	1.7523															
		11	0.0037	-0.0010	0.0020	1.7710	0.5633	0.1853	0.0549	0.0634	1.4838	1.7119															
		12	0.0057	0.0020	0.0006																						
475	8	10	1.049	9.39	-0.00	-5.5482	3.0852	0.3153	0.0805	0.1127	1.2762	1.7878															
		11	0.0022	-0.0025	0.0014	1.8287	0.2454	0.3194	0.0829	0.1135	1.2975	1.7766															
		12	0.0053	0.0019	0.0002																						
475	9	10	1.047	12.59	-0.00	1.7412	-0.2554	0.4559	0.0987	0.1648	1.0823	1.8076															
		11	0.0000	-0.0030	0.0009																						
		12	0.0050	0.0017	-0.0002																						
475	10	10	1.048	0.00	-0.00	0.1054	2.7073	-0.0261	-0.0098	-0.0063	1.8878	1.2196															
		11	0.0067	0.0001	0.0036	1.8702	0.8336	-0.0175	-0.0061	-0.0053	1.7451	1.5388															
		12	0.0054	0.0020	0.0009																						
476	1	10	1.050	-3.08	-0.00	0.5025	2.5453	-0.0867	-0.0287	-0.0288	1.6533	1.6652															
		11	0.0091	0.0009	0.0046	1.8707	0.9543	-0.0747	-0.0239	-0.0259	1.6038	1.7387															
		12	0.0054	0.0020	0.0010																						
476	2	10	1.048	-1.06	-0.00	0.2867	2.3892	-0.0307	-0.0108	-0.0096	1.7731	1.5761															
		11	0.0081	0.0004	0.0038	1.9867	0.7489	-0.0210	-0.0066	-0.0078	1.5825	1.8588															
		12	0.0043	0.0017	0.0006																						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

479	3	10	1.048	-0.0044	-0.0005	3.6583	-0.0005	-0.0003	0.0006	2.8650	-5.6958
		11	0.0059	0.0021	1.8096	0.0094	0.0033	0.0023	0.0023	1.7897	1.2244
		12									
479	4	10	1.051	0.0049	-0.8414	4.2519	0.0110	0.0031	0.0048	1.4242	2.2057
		11	0.0036	-0.0019	1.9424	0.9135	0.0214	0.0072	0.0063	1.6887	1.4681
		12									
479	5	10	1.050	1.01	-0.8532	3.9023	0.0236	0.0069	0.0087	1.4769	1.8472
		11	0.0036	-0.0022	2.0484	0.8234	0.0333	0.0110	0.0105	1.6527	1.5848
		12									
479	6	10	1.049	3.13	-3.2918	5.2794	0.0859	0.0260	0.0293	1.5170	1.7085
		11	0.0019	-0.0012	1.8303	0.7378	0.0917	0.0288	0.0305	1.5702	1.6625
		12									
479	7	10	1.049	6.21	-12.2864	10.3269	0.1869	0.0559	0.0651	1.4955	1.7406
		11	0.0007	-0.0018	1.9404	0.5194	0.1954	0.0589	0.0675	1.5087	1.7285
		12									
479	8	10	1.051	9.35	-10.1676	6.2206	0.3197	0.0817	0.115	1.2778	1.7908
		11	0.0013	-0.0020	1.8683	0.3556	0.3255	0.0842	0.1158	1.2941	1.7792
		12									
479	9	10	1.051	12.57	11.3574	-3.0159	0.4579	0.0993	0.1653	1.0848	1.8055
		11	-0.0012	-0.0017	1.8542	0.0023	0.4615	0.1012	0.1668	1.0965	1.8070
		12									
479	10	10	1.047	-0.004	-0.7781	4.0980	-0.0018	-0.0007	0.0001	2.0236	-0.3514
		11	0.0039	-0.0006	1.9410	0.6502	0.0087	0.0032	0.0020	1.8892	1.1824
		12	0.0050	0.0019							
480	1	10	1.048	3.11	0.1608	2.7300	-0.0788	-0.0245	-0.0263	1.5579	1.6686
		11	0.0081	0.0021	1.7218	0.9414	-0.0645	-0.0193	-0.0227	1.4991	1.7604
		12	0.0062	0.0021							
480	2	10	1.051	-1.06	0.2644	2.9326	-0.0193	-0.0061	-0.0063	1.5918	1.6443
		11	0.0070	0.0003	2.1377	1.0322	-0.0072	-0.0017	-0.0037	1.1790	2.5770
		12	0.0050	0.0021							
480	3	10	1.051	-0.003	-0.1842	3.7357	0.0014	0.0001	0.0011	0.6513	4.0211
		11	0.0046	-0.0025	-1.9417	0.7816	0.0131	0.0045	0.0030	1.7267	1.1731
		12	0.0066	0.0025							

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

480	4	10	1.049	-0.0004	0.0032	-0.4126	3.3034	0.0154	0.0045	0.0059	1.4691	1.9242
		11	0.0049	0.0004	0.0009	1.9071	0.8067	0.0254	0.0083	0.0074	1.6504	1.4665
		12	0.0056	0.0021	0.0009							
480	5	10	1.048	1.02	-0.00	-1.5350	4.3806	0.0275	0.0084	0.0099	1.5372	1.7980
		11	0.0031	-0.0009	0.0027	1.9795	0.7541	0.0386	0.0127	0.0118	1.6563	1.5321
		12	0.0051	0.0020	0.0007							
480	6	10	1.051	3.08	-0.00	-4.7129	6.5368	0.0860	0.0264	0.0293	1.5350	1.7077
		11	0.0014	-0.0014	0.0019	1.8692	0.5936	0.0946	0.0299	0.0307	1.5830	1.6247
		12	0.0054	0.0020	0.0006							
480	7	10	1.048	6.23	0.00	-12.2037	11.1433	0.1892	0.0567	0.0657	1.4989	1.7361
		11	0.0007	-0.0018	0.0016	2.0271	0.5740	0.1976	0.0597	0.0682	1.5116	1.7273
		12	0.0045	0.0018	0.0005							
480	8	10	1.047	9.36	-0.00	-11.5507	7.0549	0.3220	0.0824	0.1151	1.2800	1.7882
		11	0.0012	-0.0029	0.0018	1.9390	0.2597	0.3281	0.0846	0.1171	1.2895	1.7882
		12	0.0050	0.0019	0.0002							
480	9	10	1.050	12.56	0.00	-46.9298	-65.1037	0.4578	0.0992	0.1652	1.0841	1.8044
		11	0.0000	-0.0029	0.0012	1.8078	0.1464	0.4620	0.1014	0.1665	1.0980	1.8023
		12	0.0044	0.0016	0.0001							
480	10	10	1.049	-0.005	-0.00	-0.7727	4.2594	0.0032	0.0007	0.0015	1.1130	2.4393
		11	0.0039	-0.0006	0.0033	2.0049	0.7357	0.0132	0.0044	0.0030	1.6697	1.1631
		12	0.0061	0.0024	0.0009							
481	1	10	1.046	-3.12	-0.00	-0.1316	3.3114	-0.0744	-0.0220	-0.0245	1.4820	1.6511
		11	0.0064	-0.0001	0.0042	1.8711	1.0755	-0.0575	-0.0165	-0.0209	1.4397	1.6171
		12	0.0054	0.0020	0.0011							
481	2	10	1.048	-1.09	-0.00	-0.1537	3.4899	-0.0104	-0.0032	-0.0037	1.5732	1.7751
		11	0.0055	-0.0001	0.0038	1.8099	0.8773	0.0043	0.0015	-0.0010	1.7568	-1.1770
		12	0.0059	0.0021	0.0010							
481	3	10	1.051	-0.006	-0.00	-0.3080	4.0282	0.0109	0.0032	0.0036	1.4861	1.6767
		11	0.0045	-0.0002	0.0036	2.0062	0.9487	0.0233	0.0082	0.0060	1.7591	1.2915
		12	0.0061	0.0024	0.0011							
481	4	10	1.051	0.47	-0.00	-2.0767	6.9523	0.0205	0.0065	0.0051	1.5970	1.7314
		11	0.0022	-0.0009	0.0031	2.0055	0.8420	0.0327	0.0114	0.0094	1.7443	1.4468
		12	0.0061	0.0024	0.0010							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
481	5	10	1.051	0.99	-0.0027	-2.6941	6.3049	0.0327	0.0107	0.0110	0.0131	1.6376	1.6929										
		11	0.0021	-0.0011	0.0027	2.0049	0.7357	0.0440	0.0150	0.0131	1.7040	1.4877											
		12	0.0061	0.0024	0.0009																		
481	6	10	1.052	3.06	-0.0016	-5.8435	6.4787	0.0892	0.0281	0.0306	1.5753	1.7170											
		11	0.0013	-0.0015	0.0010	1.9810	1.0092	0.0990	0.0322	0.0326	1.6249	1.6487											
		12	0.0051	0.0020	0.0010																		
481	7	10	1.047	6.21	0.0015	1.9060	278.0712	0.1931	0.0579	0.0676	1.5001	1.7500											
		11	0.0000	-0.0021	0.0006	0.5746	0.2022	0.0613	0.0613	0.0698	1.5175	1.7272											
		12	0.0056	0.0021	0.0006																		
481	8	10	1.052	9.35	0.0016	-17.6792	10.9860	0.3241	0.0827	0.1159	1.2758	1.7884											
		11	0.0007	-0.0027	0.0003	1.8439	0.3178	0.3322	0.0851	0.1185	1.2821	1.7839											
		12	0.0061	0.0022	0.0003																		
481	9	10	1.049	12.54	-0.0019	-21.0284	13.8473	0.4618	0.0995	0.1665	1.0774	1.8036											
		11	0.0007	-0.0029	0.0000	1.7861	0.0024	0.4651	0.1013	0.1680	1.0898	1.8061											
		12	0.0051	0.0018	0.0000																		
481	10	10	1.052	-0.007	-0.0010	-0.6124	3.9181	0.0100	0.0028	0.0033	1.4201	1.6463											
		11	0.0041	-0.0005	0.0032	2.0055	0.8420	0.0230	0.0080	0.0057	1.7396	1.2550											
		12	0.0061	0.0024	0.0010																		
482	7	10	0.900	-3.11	-0.0010	0.4909	2.4918	-0.0674	-0.0237	-0.0196	1.7581	1.6967											
		11	0.0083	0.0008	0.0041	2.0513	1.2430	-0.0576	-0.0194	-0.0196	1.6866	1.7094											
		12	0.0043	0.0017	0.0010																		
482	8	10	0.900	-1.07	-0.0006	0.3228	2.7837	-0.0045	-0.0019	-0.0021	2.1123	2.4349											
		11	0.0066	0.0004	0.0036	2.1861	0.8094	0.0072	0.0026	0.0001	1.8395	0.1055											
		12	0.0037	0.0016	0.0006																		
482	9	10	0.900	-0.06	-0.0006	0.0345	3.1215	0.0140	0.0049	0.0046	1.7504	1.6681											
		11	0.0049	0.0000	0.0030	2.6071	1.2540	0.0235	0.0087	0.0063	1.8557	1.5543											
		12	0.0024	0.0012	0.0006																		
482	10	10	0.899	0.48	-0.0006	0.0390	3.2762	0.0223	0.0080	0.0079	1.8049	1.7802											
		11	0.0049	0.0000	0.0032	2.0501	1.0625	0.0309	0.0117	0.0094	1.8965	1.5239											
		12	0.0043	0.0017	0.0009																		
482	11	10	0.900	-0.0006	-0.0006	-0.9809	4.1566	0.0353	0.0125	0.0118	1.7786	1.6734											
		11	0.0031	-0.0006	0.0026	2.1861	0.8094	0.0417	0.0157	0.0133	1.8897	1.5971											
		12	0.0037	0.0016	0.0006																		

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
482	12	10	0.900	5.07	-0.000	-1.0778	2.5488	0.0889	0.0322	0.0321	1.8112	1.6980								
		11	0.0035	-0.0007	0.0018	2.2685	0.5441	0.0946	0.0349	0.0315	1.8464	1.6645								
		12	0.0028	0.0012	0.0003															
482	13	10	0.901	6.16	-0.003	-3.8249	4.0731	0.1841	0.0624	0.0644	1.6933	1.7500								
		11	0.0016	-0.0012	0.0013	-2.1861	0.8094	0.1905	0.0653	0.0664	1.7138	1.7446								
		12	0.0037	0.0016	0.0006															
482	14	10	0.503	9.28	-0.000	-2.8406	3.0332	0.3137	0.0938	0.1122	1.4951	1.7889								
		11	0.0025	-0.0014	0.0015	-2.5155	0.0016	0.3164	0.0944	0.1132	1.4910	1.7897								
		12	0.0030	0.0014	0.0000															
492	15	10	0.900	12.44	-0.000	-1.3286	2.9366	0.4222	0.0700	0.1487	0.8289	1.7615								
		11	0.0033	-0.0008	0.0019	-1.6415	-0.2408	0.4255	0.0720	0.1509	0.8465	1.7734								
		12	0.0031	0.0010	-0.0001															
482	16	10	0.900	-0.07	-0.000	0.4885	2.3962	0.0132	0.0046	0.0041	1.7555	1.5863								
		11	0.0070	0.0006	0.0033	2.4364	1.1186	0.0221	0.0083	0.0061	1.8821	1.4011								
		12	0.0034	0.0016	0.0007															
483	1	10	0.901	3.10	-0.000	0.6992	2.1302	-0.0719	-0.0257	-0.0242	1.7906	1.6837								
		11	0.0103	0.0014	0.0044	2.2385	1.5510	-0.0606	-0.0212	-0.0210	1.7503	1.7309								
		12	0.0039	0.0017	0.0012															
483	2	10	0.901	1.08	-0.000	0.6122	2.2812	-0.0168	-0.0059	-0.0058	1.7841	1.7543								
		11	0.0086	0.0010	0.0039	2.1363	0.8579	-0.0078	-0.0022	-0.0036	1.4437	2.2810								
		12	0.0035	0.0015	0.0006															
483	3	10	0.901	-0.05	-0.000	0.3790	2.3514	0.0033	0.0009	0.0018	1.4796	2.7895								
		11	0.0070	0.0005	0.0033	2.3274	1.0187	0.0135	0.0048	0.0036	1.7821	1.5363								
		12	0.0029	0.0013	0.0006															
483	4	10	0.900	0.49	-0.000	0.3337	2.5730	0.0161	0.0053	0.0055	1.6638	1.7304								
		11	0.0062	0.0004	0.0031	2.3763	1.1933	0.0246	0.0090	0.0072	1.8518	1.4686								
		12	0.0031	0.0015	0.0007															
483	5	10	0.901	1.01	-0.000	0.0301	2.9664	0.0280	0.0100	0.0096	1.7927	1.7197								
		11	0.0046	0.0001	0.0029	2.2345	1.1559	0.0370	0.0137	0.0116	1.8594	1.5739								
		12	0.0039	0.0017	0.0003															
483	6	10	0.901	3.10	-0.000	-0.5849	2.4435	0.0817	0.0293	0.0278	1.7966	1.7008								
		11	0.0043	-0.0005	0.0021	-2.6402	1.1529	0.0889	0.0323	0.0294	1.8204	1.6970								
		12	0.0026	-0.0013	0.0006															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run Pt.	Cd																								
483	7	10	0.903	6.21	-0.00	-1.5012	2.5196	0.1840	0.0620	0.0640	0.0655	1.6856	1.7389												
		11	0.0050	-0.0009	0.0015	2.1363	0.8579	0.1896	0.0646	0.0655	1.7049	1.7289													
		12	0.0035	0.0015	0.0006	-2.1363	0.8579	0.1896	0.0646	0.0655	1.7049	1.7289													
483	8	10	0.901	9.30	-0.00	-3.3002	3.1697	0.3103	0.0929	0.1104	1.4981	1.7789													
		11	0.8021	-0.0014	0.0013	2.5866	0.0012	0.3138	0.0938	0.1120	1.4953	1.7658													
		12	0.0024	0.0012	0.0000	-2.5866	0.0012	0.3138	0.0938	0.1120	1.4953	1.7658													
483	9	10	0.901	12.45	-0.00	-2.2452	2.9374	0.4205	0.0697	0.1481	0.8289	1.7620													
		11	0.8025	-0.0011	0.0015	2.0115	0.2422	0.4262	0.0726	0.1512	0.8519	1.7744													
		12	0.0031	0.0012	0.0001	-2.0115	0.2422	0.4262	0.0726	0.1512	0.8519	1.7744													
483	10	10	0.901	-0.05	-0.00	0.3337	2.5730	0.0041	0.0012	0.0018	1.5076	2.2651													
		11	0.0062	0.0004	0.0032	2.2345	1.1559	0.0135	0.0048	0.0034	1.7822	1.2796													
		12	0.0039	0.0017	0.0009	0.3337	2.5730	0.0041	0.0012	0.0018	1.5076	2.2651													
484	1	10	0.901	-3.09	-0.00	0.7011	2.2036	-0.0771	-0.0278	-0.0259	1.8038	1.6844													
		11	0.0103	0.0014	0.0045	2.2385	1.5510	-0.0639	-0.0227	-0.0221	1.7809	1.7275													
		12	0.0039	0.0017	0.0012	0.7011	2.2036	-0.0771	-0.0278	-0.0259	1.8038	1.6844													
484	2	10	0.902	-1.08	-0.00	0.5301	2.3186	-0.0231	-0.0081	-0.0076	1.7576	1.6464													
		11	0.0075	0.0007	0.0034	2.2345	1.1559	-0.0130	-0.0041	-0.0052	1.5844	2.0161													
		12	0.0039	0.0017	0.0009	0.5301	2.3186	-0.0231	-0.0081	-0.0076	1.7576	1.6464													
484	3	10	0.900	-0.05	-0.00	0.5680	2.0640	0.0004	0.0002	-0.0001	2.9638	-1.7909													
		11	0.0080	0.0009	0.0033	2.0957	1.0123	0.0097	0.0036	0.0024	1.8405	1.2337													
		12	0.0045	0.0018	0.0009	0.5680	2.0640	0.0004	0.0002	-0.0001	2.9638	-1.7909													
484	4	10	0.901	0.49	-0.00	0.4996	2.0236	0.0127	0.0043	0.0048	1.7163	1.8869													
		11	0.0078	0.0007	0.0031	2.2345	1.1559	0.0236	0.0083	0.0069	1.7790	1.4694													
		12	0.0039	0.0017	0.0009	0.4996	2.0236	0.0127	0.0043	0.0048	1.7163	1.8869													
484	5	10	0.901	0.96	-0.00	0.3039	2.0888	0.0220	0.0074	0.0077	1.6991	1.7574													
		11	0.0065	0.0003	0.0027	2.5622	1.0252	0.0329	0.0119	0.0100	1.8160	1.5314													
		12	0.0022	0.0011	0.0004	0.3039	2.0888	0.0220	0.0074	0.0077	1.6991	1.7574													
484	6	10	0.901	3.10	-0.00	-0.4016	1.8534	0.0803	0.0286	0.0272	1.7802	1.6939													
		11	0.0048	-0.0003	0.0018	2.3703	0.7107	0.0867	0.0313	0.0288	1.8076	1.6652													
		12	0.0032	0.0015	0.0004	-0.4016	1.8534	0.0803	0.0286	0.0272	1.7802	1.6939													
484	7	10	0.901	6.21	-0.00	-1.8662	2.1684	0.1805	0.0608	0.0625	1.6846	1.7314													
		11	0.0027	-0.0010	0.0012	2.3793	1.4375	0.1875	0.0638	0.0648	1.7025	1.7305													
		12	0.0031	0.0015	0.0009	-1.8662	2.1684	0.1805	0.0608	0.0625	1.6846	1.7314													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																			
484	8	10	0.900	9.30	-0.0012	-4.0136	3.1292	0.3069	0.0926	0.1101	1.4999	1.7834									
		11	0.0019	-0.0015	0.0009	1.8935	0.9830	0.3150	0.0939	0.1115	1.5001	1.7817									
		12	0.0046	0.0017	0.0009	-1.8935	0.9830	0.3150	0.0939	0.1115	1.5001	1.7817									
484	9	10	0.899	12.45	-0.0015	-1.3636	1.9747	0.4191	0.0699	0.1476	0.8345	1.7618									
		11	0.0036	-0.0010	0.0003	1.8779	0.4116	0.4258	0.0725	0.1509	0.8522	1.7721									
		12	0.0037	0.0013	0.0003	-1.8779	0.4116	0.4258	0.0725	0.1509	0.8522	1.7721									
484	10	10	0.899	-0.004	-0.000	0.4011	2.4720	0.0001	0.0001	0.0007	3.5713	22.6919									
		11	0.0067	0.0005	0.0033	2.4194	1.3472	0.0112	0.0040	0.0028	1.8125	1.2693									
		12	0.0033	0.0016	0.0009	0.4011	2.4720	0.0001	0.0001	0.0007	3.5713	22.6919									
485	1	10	0.899	-3.07	-0.0041	0.5146	2.6012	-0.0759	-0.0278	-0.0224	1.8314	1.7143									
		11	0.0079	0.0008	0.0012	2.2585	1.5510	-0.0653	-0.0234	-0.0224	1.7970	1.7167									
		12	0.0039	0.0017	0.0010	0.5146	2.6012	-0.0759	-0.0278	-0.0224	1.8314	1.7143									
485	2	10	0.899	-1.05	-0.0039	0.6397	2.3764	-0.0261	-0.0094	-0.0086	1.8134	1.6503									
		11	0.0083	0.0010	0.0010	2.5366	1.8054	-0.0153	-0.0050	-0.0056	1.6491	1.8283									
		12	0.0029	0.0013	0.0010	0.6397	2.3764	-0.0261	-0.0094	-0.0086	1.8134	1.6503									
485	3	10	0.901	-0.003	-0.0010	0.3304	2.4508	-0.0050	-0.0017	-0.0012	1.7565	1.2466									
		11	0.0063	0.0004	0.0030	2.4225	1.5776	0.0062	0.0025	0.0012	2.0074	0.9687									
		12	0.0033	0.0016	0.0010	0.3304	2.4508	-0.0050	-0.0017	-0.0012	1.7565	1.2466									
485	4	10	0.900	0.49	-0.0030	0.2353	2.5383	0.0052	0.0017	0.0029	1.6661	2.8071									
		11	0.0060	0.0002	0.0030	2.5793	1.4375	0.0168	0.0059	0.0050	1.7700	1.4866									
		12	0.0031	0.0015	0.0009	0.2353	2.5383	0.0052	0.0017	0.0029	1.6661	2.8071									
485	5	10	0.899	0.99	-0.0027	0.1504	2.6930	0.0198	0.0067	0.0068	1.7049	1.7236									
		11	0.0051	0.0001	0.0006	2.6402	1.1529	0.0297	0.0104	0.0089	1.7487	1.5017									
		12	0.0026	0.0014	0.0006	0.1504	2.6930	0.0198	0.0067	0.0068	1.7049	1.7236									
485	6	10	0.900	3.08	-0.0019	-0.2550	1.9246	0.0768	0.0270	0.0264	1.7568	1.7210									
		11	0.0051	-0.0002	0.0007	2.5765	1.1955	0.0859	0.0299	0.0277	1.7834	1.6509									
		12	0.0032	0.0015	0.0007	-0.2550	1.9246	0.0768	0.0270	0.0264	1.7568	1.7210									
485	7	10	0.900	6.23	-0.0013	-2.5952	3.0539	0.1778	0.0601	0.0613	1.6920	1.7238									
		11	0.0022	-0.0011	0.0003	2.5968	0.6209	0.1859	0.0632	0.0639	1.7005	1.7185									
		12	0.0024	0.0012	0.0003	-2.5952	3.0539	0.1778	0.0601	0.0613	1.6920	1.7238									
485	8	10	0.899	9.33	-0.0010	-3.9579	2.9389	0.3099	0.0928	0.1102	1.4984	1.7789									
		11	0.0018	-0.0014	0.0004	3.9579	1.0252	0.3148	0.0944	0.1118	1.4991	1.7755									
		12	0.0022	0.0011	0.0004	-3.9579	2.9389	0.3099	0.0928	0.1102	1.4984	1.7789									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
485	9	10	0.899	12.49	-0.000	-2.7602	2.2399	0.4223	0.0698	0.1484	0.8271	1.7577							
			0.0023	-0.0013	0.0010	1.9390	0.2597	0.4286	0.0726	0.1518	0.8475	1.7718							
485	10	10	0.901	-0.003	-0.000	0.4805	2.3962	-0.0030	-0.0010	-0.0006	1.6364	1.0193							
			0.0069	0.0006	0.0033	2.3763	1.1933	0.0069	0.0027	0.0018	1.9667	1.5008							
486	1	10	0.898	-3.07	-0.000	0.6447	2.2248	-0.0835	-0.0307	-0.0281	1.8418	1.6851							
			0.0092	0.0011	0.0041	2.1794	1.3979	-0.0711	-0.0260	-0.0246	1.8281	1.7298							
486	2	10	0.899	-1.05	-0.000	0.6374	2.2851	-0.0341	-0.0124	-0.0107	1.8238	1.5769							
			0.0083	0.0010	0.0038	2.1939	1.6399	-0.0199	-0.0070	-0.0075	1.7619	1.8936							
486	3	10	0.900	-0.04	-0.000	0.4748	2.1785	-0.0148	-0.0054	-0.0038	1.8177	1.3107							
			0.0069	0.0006	0.0030	2.0513	1.2430	-0.0051	-0.0014	-0.0016	1.4064	1.5915							
486	4	10	0.899	0.51	-0.000	0.3304	2.4508	-0.0079	-0.0028	-0.0009	2.8158	0.5879							
			0.0062	0.0004	0.0030	2.4225	1.5776	0.0031	0.0014	0.0016	2.3721	2.6576							
486	5	10	0.901	1.03	-0.000	0.1413	2.6607	0.0068	0.0024	0.0040	1.8301	2.9583							
			0.0034	0.0001	0.0028	2.3763	1.1933	0.0176	0.0062	0.0058	1.7784	1.6654							
486	6	10	0.899	-3.13	-0.000	-0.6425	2.2759	0.0697	0.0237	0.0239	1.7045	1.7141							
			0.0040	-0.0005	0.0018	-2.6071	1.2540	0.0787	0.0274	0.0258	1.7449	1.6395							
486	7	10	0.900	6.20	-0.000	-3.7798	4.9651	0.1733	0.0586	0.0593	1.6929	1.7121							
			0.0016	-0.0012	0.0006	-2.1699	1.2218	0.1793	0.0611	0.0615	1.7044	1.7152							
486	8	10	0.900	9.34	-0.000	17.3192	-5.1644	0.3082	0.0924	0.1096	1.5001	1.7883							
			-0.0005	-0.0020	0.0003	2.5085	0.7513	0.3123	0.0937	0.1113	1.5005	1.7819							
486	9	10	0.899	-12.47	-0.000	-11.0376	6.4903	0.4193	0.0696	0.1478	0.8304	1.7630							
			0.0008	-0.0018	0.0000	-1.9377	0.0022	0.4285	0.0725	0.1514	0.8460	1.7666							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
486	10	10	0.900	-0.000	-0.000	0.4777	2.2874	-0.0142	-0.0052	-0.0014	-0.0038	1.8458	1.4075	1.3619				
	11	12	0.0069	0.0006	0.0031	2.1899	1.2218	-0.0052	-0.0014	-0.0015	-0.0015	1.4075	1.4075	1.4429				
487	1	10	0.899	-3.03	-0.00	0.6447	2.2248	-0.0876	-0.0325	-0.0298	1.8572	1.8489	1.7023					
	11	12	0.0093	0.0012	0.0041	2.0340	1.6028	-0.0754	-0.0278	-0.0260	1.8489	1.8489	1.7298					
487	2	10	0.898	-1.01	-0.00	0.4554	2.2827	-0.0388	-0.0144	-0.0127	1.8568	1.8372	1.6355					
	11	12	0.0073	0.0006	0.0033	1.9442	1.2594	-0.0284	-0.0104	-0.0101	1.8372	1.8372	1.7879					
487	3	10	0.899	-0.00	-0.00	0.4777	2.2874	-0.0241	-0.0088	-0.0065	1.8367	1.7386	1.5184					
	11	12	0.0070	0.0006	0.0032	2.0526	1.4246	-0.0164	-0.0057	-0.0049	1.7386	1.7386	1.5184					
487	4	10	0.900	0.52	-0.00	0.2530	2.6941	-0.0211	-0.0077	-0.0050	1.8196	1.6330	1.1837					
	11	12	0.0056	0.0002	0.0030	2.0513	1.2430	-0.0129	-0.0042	-0.0030	1.6330	1.6330	1.1642					
487	5	10	0.897	1.05	-0.00	0.3271	2.3285	-0.0122	-0.0048	-0.0011	1.9672	4.5544	0.4487					
	11	12	0.0062	0.0004	0.0029	2.4194	1.3472	-0.0006	-0.0005	-0.0015	4.5544	12.3145	0.3145					
487	6	10	0.899	-3.13	-0.00	-0.4276	1.9952	0.0620	0.0200	0.0216	1.6171	1.6749	1.7478					
	11	12	0.0045	-0.0003	0.0018	2.1861	0.8094	0.0720	0.0241	0.0233	1.6749	1.6749	1.6240					
487	7	10	0.900	6.25	-0.00	-0.5905	2.2688	0.1716	0.0580	0.0585	1.6901	1.6973	1.7072					
	11	12	0.0043	-0.0005	0.0019	2.5735	1.7282	0.1777	0.0603	0.0607	1.6973	1.6973	1.7098					
487	8	10	0.899	-9.32	-0.00	-38.9761	12.0851	0.3019	0.0913	0.1071	1.5119	1.5131	1.7741					
	11	12	0.0002	-0.0019	0.0007	1.9985	0.9289	0.3076	0.0931	0.1090	1.5131	1.5131	1.7724					
487	9	10	0.896	-12.48	0.00	-1.8555	2.4409	0.4191	0.0692	0.1472	0.8260	0.8526	1.7562					
	11	12	0.0028	-0.0010	0.0013	1.8086	0.4366	0.4270	0.0728	0.1509	0.8260	0.8526	1.7562					
487	10	10	0.898	-0.00	-0.00	0.5655	1.9700	-0.0256	-0.0096	-0.0075	1.8717	1.7545	1.4647					
	11	12	0.0081	0.0009	0.0032	2.0984	1.3570	-0.0166	-0.0058	-0.0054	1.7545	1.7545	1.4647					

TABLE VIIA
TAIL FIN FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key

Run	Pt.	Cd
488	1	10
488	2	10
488	3	10
488	4	10
488	5	10
488	6	10
488	7	10
488	8	10
488	9	10
488	10	10
489	1	10

0.898	0.6716	2.0971	-0.0911	-0.0340	-0.0308	1.8709	1.6919
0.0098	2.1411	1.4281	-0.0794	-0.0295	-0.0270	1.8594	1.7025
0.0059	0.0016						
0.898	0.4554	2.2827	-0.0447	-0.0167	-0.0145	1.8739	1.6238
0.0073	2.2786	1.4712	-0.0341	-0.0126	-0.0119	1.8537	1.7497
0.0041	0.0012						
0.898	0.4777	2.2874	-0.0279	-0.0106	-0.0084	1.8950	1.5087
0.0070	2.0714	1.3968	-0.0206	-0.0074	-0.0066	1.8012	1.6079
0.0054	0.0015						
0.898	0.2456	2.4255	-0.0251	-0.0090	-0.0065	1.8038	1.3054
0.0056	1.9904	1.3603	-0.0178	-0.0059	-0.0048	1.6649	1.3496
0.0050	0.0013						
0.899	0.5196	1.9150	-0.0230	-0.0081	-0.0042	1.7758	0.9156
0.0075	2.2806	1.6601	-0.0140	-0.0048	-0.0024	1.7387	0.8553
0.0041	0.0013						
0.897	-0.1246	1.8472	0.0567	0.0181	0.0201	1.5991	1.7711
0.0053	-2.0957	1.0123	0.0658	0.0214	0.0213	1.6301	1.6242
0.0043	0.0009						
0.896	-1.0778	2.5488	0.1706	0.0575	0.0582	1.6869	1.7053
0.0035	-2.3703	0.7107	0.1727	0.0587	0.0590	1.6993	1.7095
0.0032	0.0004						
0.897	-8.7039	4.2276	0.3011	0.0910	0.1063	1.5126	1.7661
0.0009	-5.0424	1.5704	0.3046	0.0921	0.1080	1.5132	1.7733
0.0016	0.0004						
0.897	-4.8931	3.3351	0.4206	0.0689	0.1475	0.8189	1.7540
0.0016	1.9390	0.2597	0.4296	0.0724	0.1515	0.8435	1.7633
0.0029	0.0001						
0.898	0.4160	2.2508	-0.0277	-0.0104	-0.0083	1.8773	1.5033
0.0055	1.9904	1.3603	-0.0198	-0.0071	-0.0065	1.7946	1.6496
0.0051	0.0013						
0.896	0.7251	2.2042	-0.0939	-0.0352	-0.0319	1.8753	1.7033
0.0101	2.1753	1.7648	-0.0829	-0.0308	-0.0284	1.8620	1.7163
0.0061	0.0021						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
489	2	10	0.898	-0.98	-0.00	0.6374	2.2851	-0.0440	-0.0164	-0.0144	1.8725	1.6423							
		11	0.0064	0.0010	0.0038	2.1414	1.4614	-0.0345	-0.0128	-0.0121	1.8609	1.7614							
		12	0.0047	0.0020	0.0013														
489	3	10	0.896	0.04	-0.00	0.5082	2.5214	-0.0285	-0.0106	-0.0085	1.8708	1.4902							
		11	0.0067	0.0006	0.0033	1.9913	1.5152	-0.0210	-0.0076	-0.0070	1.8134	1.6659							
		12	0.0050	0.0020	0.0015														
489	4	10	0.897	0.55	-0.00	0.4223	2.4873	-0.0247	-0.0090	-0.0064	1.8194	1.3031							
		11	0.0064	0.0005	0.0032	1.9913	1.5152	-0.0180	-0.0062	-0.0053	1.7297	1.4931							
		12	0.0050	0.0020	0.0015														
489	5	10	0.895	1.08	-0.00	0.1462	2.5439	-0.0237	-0.0083	-0.0053	1.7626	1.1275							
		11	0.0051	0.0001	0.0026	2.2786	1.4712	-0.0172	-0.0057	-0.0040	1.6671	1.1853							
		12	0.0041	0.0019	0.0012														
489	6	10	0.897	3.16	-0.00	-0.2693	2.0651	0.0478	0.0148	0.0175	1.5473	1.8321							
		11	0.0048	-0.0002	0.0019	-0.2733	0.9510	0.0557	0.0178	0.0187	1.5981	1.6819							
		12	0.0032	0.0015	0.0006														
489	7	10	0.896	6.26	-0.00	-0.3920	2.1640	0.1645	0.0553	0.0563	1.6833	1.7137							
		11	0.0049	-0.0003	0.0021	-0.3274	1.0187	0.1699	0.0576	0.0579	1.6973	1.7058							
		12	0.0030	0.0014	0.0006														
489	8	10	0.896	9.31	-0.00	-19.6254	6.5094	0.3027	0.0914	0.1070	1.5097	1.7687							
		11	0.0004	-0.0018	0.0006	-2.2656	0.2716	0.3064	0.0926	0.1085	1.5112	1.7718							
		12	0.0028	0.0012	0.0001														
489	9	10	0.898	12.49	0.00	-4.9200	2.8578	0.4213	0.0698	0.1476	0.8286	1.7516							
		11	0.0015	-0.0015	0.0009	-2.1290	0.0019	0.4292	0.0731	0.1515	0.8520	1.7653							
		12	0.0024	0.0010	0.0000														
489	10	10	0.898	0.03	-0.00	0.4777	2.2874	-0.0293	-0.0110	-0.0087	1.8733	1.4940							
		11	0.0070	0.0006	0.0032	1.9904	1.3603	-0.0213	-0.0078	-0.0071	1.8374	1.6688							
		12	0.0030	0.0020	0.0013														
490	1	10	0.897	-3.00	-0.00	0.7440	2.0150	-0.0951	-0.0356	-0.0322	1.8741	1.6967							
		11	0.0106	0.0015	0.0042	2.5507	1.8161	-0.0850	-0.0318	-0.0293	1.8723	1.7275							
		12	0.0042	0.0021	0.0015														
490	2	10	0.900	-0.98	-0.00	0.7244	2.1738	-0.0460	-0.0171	-0.0131	1.8612	1.6455							
		11	0.0091	0.0013	0.0039														

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
490	3	12	0.0039	0.0017	0.0013	2.2405	1.7505	-0.0571	-0.0138	-0.0128	1.8667	1.7251										
		10	0.899	0.03	-0.00																	
		11	0.0062	0.0004	0.0032	0.3337	2.5730	-0.0289	-0.0109	-0.0090	1.8974	1.5666										
		12	0.0037	0.0016	0.0013	2.1958	1.8513	-0.0212	-0.0078	-0.0074	1.8373	1.7420										
490	4	10	0.898	0.58	-0.00																	
		11	0.0060	0.0002	0.0029	0.2318	2.4117	-0.0234	-0.0087	-0.0065	1.8543	1.3989										
		12	0.0045	0.0018	0.0013	2.0997	1.5309	-0.0168	-0.0059	-0.0051	1.7707	1.5258										
490	5	10	0.899	1.09	-0.00																	
		11	0.0054	0.0001	0.0025	0.1334	2.3813	-0.0216	-0.0078	-0.0051	1.8014	1.1896										
		12	0.0048	0.0018	0.0012	1.9442	1.2594	-0.0175	-0.0059	-0.0045	1.6992	1.2882										
490	6	10	0.899	3.16	-0.00																	
		11	0.0045	-0.0003	0.0021	-0.4172	2.3289	0.0379	0.0104	0.0152	1.3687	2.0076										
		12	0.0032	0.0015	0.0007	-2.3765	1.1933	0.0487	0.0149	0.0169	1.5334	1.7405										
490	7	10	0.900	6.26	-0.00																	
		11	0.0051	-0.0002	0.0019	-0.2550	1.9246	0.1677	0.0564	0.0574	1.6823	1.7134										
		12	0.0035	0.0015	0.0006	2.1363	0.8579	0.1698	0.0575	0.0580	1.6950	1.708										
490	8	10	0.898	9.33	-0.00																	
		11	0.0000	-0.0019	0.0022	1.7167	35.8821	0.3014	0.0911	0.1068	1.5119	1.7715										
		12	0.0035	0.0015	0.0006	2.1363	0.8579	0.3059	0.0926	0.1086	1.5135	1.7750										
490	9	10	0.898	12.48	0.00																	
		11	0.0008	-0.0018	0.0009	-1.1216	5.5779	0.4186	0.0697	0.1466	0.8327	1.7508										
		12	0.0018	0.0009	-0.0003	2.4274	-0.8115	0.4265	0.0728	0.1508	0.8542	1.7678										
490	10	10	0.898	0.05	-0.00																	
		11	0.0070	0.0006	0.0032	0.4777	2.2874	-0.0283	-0.0108	-0.0087	1.9124	1.5418										
		12	0.0041	0.0018	0.0015	2.2827	1.8503	-0.0208	-0.0078	-0.0072	1.8687	1.7338										
491	3	10	1.248	-3.24	11.20																	
		11	0.0067	-0.0065	-0.0013	4.8971	1.0170	-0.0694	-0.0244	-0.0225	1.7622	1.6255										
		12	-0.0005	0.0001	-0.0006	-1.0522	5.9736	-0.0708	-0.0250	-0.0247	1.7674	1.7430										
491	4	10	1.249	-3.19	22.50																	
		11	0.0265	-0.0123	-0.0076	2.3301	1.4373	-0.0621	-0.0216	-0.0198	1.7407	1.8997										
		12	-0.0116	-0.0026	-0.0046	1.1514	1.9865	-0.0698	-0.0254	-0.0242	1.8185	1.7329										
491	5	10	1.249	-3.18	33.70																	

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

491	6	11	-0.0452	-0.0184	-0.0134	2.0346	1.4894	-0.0519	-0.0181	-0.0168	1.7434	1.6253
		12	-0.0247	-0.0062	-0.0092	1.2696	1.8605	-0.0664	-0.0245	-0.0233	1.6507	1.7545
491	7	10	1.248	-0.0237	45.00	1.9236	1.5177	-0.0406	-0.0142	-0.0135	1.7504	1.6669
		12	-0.0414	-0.0106	-0.0142	1.2821	1.7201	-0.0551	-0.0219	-0.0198	1.9926	1.7985
491	8	10	1.248	-0.0267	56.20	1.7941	1.5458	-0.0291	-0.0107	-0.0099	1.8370	1.7089
		12	-0.0535	-0.0149	-0.0184	1.3909	1.7262	-0.0436	-0.0190	-0.0162	2.1816	1.8676
491	9	10	1.249	-0.0281	67.50	1.7232	1.5524	-0.0157	-0.0067	-0.0056	2.1529	1.7817
		12	-0.0651	-0.0188	-0.0222	1.4445	1.7113	-0.0283	-0.0139	-0.0114	2.4635	2.0156
491	10	10	1.249	-0.0272	78.69	1.6921	1.5497	-0.0050	-0.0040	-0.0022	3.9874	2.2480
		12	-0.0747	-0.0217	-0.0254	1.4521	1.6998	-0.0094	-0.0077	-0.0054	4.1228	2.8748
491	10	10	1.249	-0.0255	89.99	1.6620	1.5242	0.0054	-0.0012	0.0007	-1.1377	0.8387
		12	-0.0768	-0.0243	-0.0280	1.4723	1.6991	0.0096	-0.0006	0.0007	-1.3617	0.3996
492	1	10	1.249	0.0019	11.20	0.7351	2.0456	0.0041	0.0025	0.0020	3.0697	2.4899
		12	0.0109	0.0033	0.0024	1.5219	1.1391	0.0068	0.0016	0.0012	1.1911	0.8989
492	2	10	1.249	0.0005	22.49	0.2744	2.4249	0.0047	0.0029	0.0022	3.0677	2.4075
		12	0.0095	0.0039	0.0023	2.0513	1.2430	0.0048	0.0004	0.0005	0.4290	0.5765
492	3	10	1.249	-0.0005	33.69	-0.2073	2.8069	0.0047	-0.0004	-0.0022	-3.0677	-2.4075
		12	0.0062	-0.0045	0.0014	-3.0402	0.9834	0.0042	-0.0004	-0.0000	-0.5095	-0.0023
492	4	10	1.249	-0.0005	44.99	-0.4607	3.7533	0.0043	-0.0025	0.0019	-2.8840	-2.2117
		12	0.0031	0.0045	0.0005	-7.3370	0.8949	0.0058	-0.0008	0.0003	-0.7182	0.2827
492	5	10	1.250	-0.0005	56.19	0.7065	4.6619	0.0044	-0.0027	0.0018	-2.5280	-2.0605
		12	0.0023	0.0040	-0.0000	30.0013	-0.0412	0.0062	-0.0017	0.0003	-1.3737	0.2648

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																	
492	6	10	1.249	-0.006	67.49	2.3380	4.7736	0.0023	0.0008	0.0010	1.7409	2.1621								
		11	0.0021	0.0009	0.0020	-10.6666	2.2704	0.0080	-0.0018	0.0004	-1.1295	0.2710								
		12	-0.0017	0.0036	-0.0007															
492	7	10	1.249	-0.006	76.63	3.3070	4.3535	0.0013	-0.0001	0.0005	-0.4478	2.1287								
		11	0.0031	0.0020	0.0027	-9.8648	3.9914	0.0086	-0.0016	0.0004	-0.9479	0.2540								
		12	-0.0018	0.0035	-0.0014															
492	8	10	1.249	-0.006	89.99	3.3499	3.2275	0.0016	-0.0011	0.0002	-3.5376	0.6860								
		11	0.0050	0.0034	0.0032	-2.5786	2.7649	0.0117	-0.0008	0.0014	-0.3559	0.6110								
		12	-0.0044	0.0022	-0.0024															
493	1	10	1.249	0.99	11.19	1.1806	2.0591	0.0276	0.0114	0.0098	2.0603	1.7729								
		11	0.0179	0.0042	0.0073	1.5595	1.3834	0.0298	0.0096	0.0086	1.6237	1.4516								
		12	0.0158	0.0049	0.0043															
493	2	10	1.250	0.98	22.49	1.1160	2.0985	0.0281	0.0116	0.0099	2.0764	1.7639								
		11	0.0181	0.0040	0.0076	2.0084	1.4899	0.0265	0.0083	0.0075	1.5664	1.4219								
		12	0.0188	0.0075	0.0056															
493	3	10	1.251	0.99	33.69	1.1488	2.0930	0.0275	0.0111	0.0093	2.0287	1.6925								
		11	0.0164	0.0042	0.0077	2.3459	1.4850	0.0225	0.0061	0.0058	1.3748	1.5039								
		12	0.0211	0.0099	0.0062															
493	4	10	1.250	0.98	44.99	1.4205	2.3123	0.0239	0.0094	0.0080	1.9702	1.6903								
		11	0.0176	0.0050	0.0081	2.6897	1.5294	0.0208	0.0047	0.0048	1.1289	1.1687								
		12	0.0215	0.0116	0.0066															
493	5	10	1.250	0.98	56.19	1.7537	2.2500	0.0197	0.0074	0.0065	1.8968	1.6476								
		11	0.0167	0.0065	0.0084	2.8010	1.5437	0.0176	0.0025	0.0038	0.7312	1.1018								
		12	0.0218	0.0122	0.0067															
493	6	10	1.249	0.98	67.49	1.9687	2.2108	0.0137	0.0049	0.0044	1.7869	1.6272								
		11	0.0203	0.0060	0.0090	2.9760	1.5519	0.0159	0.0008	0.0030	0.2819	0.9422								
		12	0.0202	0.0120	0.0063															
493	7	10	1.249	0.98	78.69	2.0584	2.0498	0.0068	0.0021	0.0024	1.5503	1.7650								
		11	0.0239	0.0098	0.0097	3.0543	1.5757	0.0135	0.0000	0.0018	0.0332	0.6953								
		12	0.0196	0.0119	0.0061															
493	8	10	1.250	0.98	89.99	3.1886	2.0109	0.0019	-0.0011	0.0001	-3.0667	0.2988								
		11	0.0257	0.0112	0.0103	3.0976	1.5052	0.0128	-0.0004	0.0014	-0.1605	0.5580								
		12	0.0175	0.0108	0.0052															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
494	1	10	1.248	0.211	0.0303	89.99	1.7734	1.7996	0.0016	-0.0016	0.0000	-4.9958	0.0000	0.0000	0.0013	-0.4143	0.0000	0.0000	0.0000	0.0000	0.0051
	11	11	0.0638	0.0297	0.0303	0.0301	2.0614	1.6404	0.0124	-0.0010	0.0013	-0.4143	0.0013	-0.4143	0.0013	-0.4143	0.0013	-0.4143	0.0013	-0.4143	0.5322
	12	12	0.0736	0.0303	0.0303	0.0241															
494	2	10	1.249	0.211	0.0310	78.69	1.7252	1.6042	0.0199	0.0065	0.0063	1.6335	0.0063	0.0063	0.0037	0.5169	0.0063	0.0063	0.0063	0.0063	1.6009
	11	11	0.0789	0.0272	0.0310	0.0284	2.0635	1.6784	0.0192	0.0019	0.0037	0.5169	0.0037	0.5169	0.0037	0.5169	0.0037	0.5169	0.0037	0.5169	0.9804
	12	12	0.0753	0.0310	0.0310	0.0252															
494	3	10	1.249	0.211	0.0311	67.49	1.7344	1.7958	0.0391	0.0145	0.0130	1.8662	0.0130	0.0130	0.0072	0.9494	0.0130	0.0130	0.0130	0.0130	1.6633
	11	11	0.0699	0.0242	0.0311	0.0251	2.0373	1.6751	0.0295	0.0056	0.0072	0.9494	0.0072	0.9494	0.0072	0.9494	0.0072	0.9494	0.0072	0.9494	1.2201
	12	12	0.0764	0.0311	0.0311	0.0256															
494	4	10	1.248	0.211	0.0301	56.19	1.7498	1.8258	0.0563	0.0210	0.0187	1.8674	0.0187	0.0187	0.0112	1.2166	0.0187	0.0187	0.0187	0.0187	1.6592
	11	11	0.0586	0.0205	0.0301	0.0214	2.0574	1.6632	0.0398	0.0096	0.0112	1.2166	0.0112	1.2166	0.0112	1.2166	0.0112	1.2166	0.0112	1.2166	1.4060
	12	12	0.0732	0.0301	0.0301	0.0243															
494	5	10	1.248	0.211	0.0275	44.99	1.7365	1.8292	0.0706	0.0262	0.0232	1.8620	0.0232	0.0232	0.0155	1.4208	0.0232	0.0232	0.0232	0.0232	1.6465
	11	11	0.0502	0.0174	0.0275	0.0183	2.0903	1.6682	0.0510	0.0145	0.0155	1.4208	0.0155	1.4208	0.0155	1.4208	0.0155	1.4208	0.0155	1.4208	1.5193
	12	12	0.0658	0.0275	0.0275	0.0219															
494	6	10	1.250	0.212	0.0228	33.69	1.7092	1.8586	0.0823	0.0300	0.0274	1.8233	0.0274	0.0274	0.0192	1.5785	0.0274	0.0274	0.0274	0.0274	1.6667
	11	11	0.0403	0.0157	0.0228	0.0149	2.0624	1.6405	0.0618	0.0195	0.0192	1.5785	0.0192	1.5785	0.0192	1.5785	0.0192	1.5785	0.0192	1.5785	1.5574
	12	12	0.0553	0.0228	0.0228	0.0181															
494	7	10	1.249	0.213	0.0171	22.49	1.7362	1.9334	0.0871	0.0314	0.0295	1.8013	0.0295	0.0295	0.0226	1.6539	0.0295	0.0295	0.0295	0.0295	1.6930
	11	11	0.0298	0.0103	0.0171	0.0115	2.0054	1.5894	0.0732	0.0242	0.0226	1.6539	0.0226	1.6539	0.0226	1.6539	0.0226	1.6539	0.0226	1.6539	1.5447
	12	12	0.0426	0.0171	0.0171	0.0135															
494	8	10	1.251	0.213	0.0069	11.19	1.6220	2.0190	0.0903	0.0314	0.0303	1.7436	0.0303	0.0303	0.0262	1.6485	0.0303	0.0303	0.0303	0.0303	1.6790
	11	11	0.0220	0.0071	0.0069	0.0088	1.6494	1.5240	0.0827	0.0272	0.0262	1.6485	0.0262	1.6485	0.0262	1.6485	0.0262	1.6485	0.0262	1.6485	1.5873
	12	12	0.0269	0.0069	0.0069	0.0082															
495	1	10	1.247	0.213	0.0176	11.19	2.8873	2.8554	0.2042	0.0550	0.0718	1.5478	0.0718	0.0718	0.0567	1.5618	0.0718	0.0718	0.0718	0.0718	1.7585
	11	11	0.0101	0.0058	0.0176	0.0058	1.8524	1.5971	0.1688	0.0527	0.0567	1.5618	0.0567	1.5618	0.0567	1.5618	0.0567	1.5618	0.0567	1.5618	1.6816
	12	12	0.0475	0.0176	0.0176	0.0151															
495	2	10	1.249	0.213	0.0306	22.49	3.1035	2.2850	0.2022	0.0543	0.0714	1.5423	0.0714	0.0714	0.0476	1.5887	0.0714	0.0714	0.0714	0.0714	1.7668
	11	11	0.0223	0.0138	0.0306	0.0102	1.7693	1.7015	0.1418	0.0450	0.0476	1.5887	0.0476	1.5887	0.0476	1.5887	0.0476	1.5887	0.0476	1.5887	1.6783
	12	12	0.0867	0.0306	0.0306	0.0295															
495	3	10	1.250	0.227	0.0405	33.70	2.4869	2.0479	0.1867	0.0518	0.0654	1.5871	0.0654	0.0654	0.0569	1.6278	0.0654	0.0654	0.0654	0.0654	1.7523
	11	11	0.0414	0.0206	0.0405	0.0169	1.6664	1.7503	0.1095	0.0356	0.0369	1.6278	0.0369	1.6278	0.0369	1.6278	0.0369	1.6278	0.0369	1.6278	1.6876
	12	12	0.1216	0.0405	0.0405	0.0425															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
495	4	10	1.249	6.27	44.99	1.8773	1.9293	0.1597	0.0468	0.0558	1.4659	1.7468	0.0749	0.0281	0.0289	0.0247	0.0558	0.0234	1.4659	1.7468
		11	0.1514	0.0468	0.0539	1.5480	1.7803	0.0715	0.0247	0.0234	1.7326	1.6397	0.1514	0.0468	0.0539	0.0247	0.0234	0.0234	1.7326	1.6397
495	5	10	1.251	6.28	56.19	1.6349	1.8356	0.1252	0.0396	0.0427	1.5846	1.7075	0.1126	0.0368	0.0413	0.0161	0.0427	0.0140	1.5846	1.7075
		11	0.1731	0.0512	0.0616	1.4796	1.7792	0.0459	0.0161	0.0140	1.7572	1.5297	0.1731	0.0512	0.0616	0.0161	0.0140	0.0140	1.7572	1.5297
495	6	10	1.250	6.28	67.49	1.5238	1.7778	0.0835	0.0282	0.0284	1.6921	1.7020	0.1471	0.0448	0.0523	0.0090	0.0284	0.0084	1.6921	1.7020
		11	0.1830	0.0536	0.0651	1.4659	1.7784	0.0319	0.0090	0.0084	1.4155	1.3266	0.1830	0.0536	0.0651	0.0090	0.0084	0.0084	1.4155	1.3266
495	7	10	1.250	6.28	78.69	1.4546	1.7625	0.0423	0.0148	0.0139	1.7474	1.6507	0.1732	0.0504	0.0610	0.0050	0.0139	0.0055	1.7474	1.6507
		11	0.1833	0.0555	0.0647	1.5159	1.7659	0.0248	0.0050	0.0055	1.0173	1.1200	0.1833	0.0555	0.0647	0.0050	0.0055	0.0055	1.0173	1.1200
495	8	10	1.250	6.29	89.99	1.3959	1.7711	0.0020	-0.0020	-0.0003	-4.9529	-0.8220	0.1896	0.0529	0.0604	-0.0021	-0.0003	-0.0021	-4.9529	-0.8220
		11	0.1728	0.0546	0.0604	1.5824	1.7483	0.0164	-0.0005	-0.0021	-0.1590	-0.6414	0.1728	0.0546	0.0604	-0.0005	-0.0021	-0.0021	-0.1590	-0.6414
496	3	10	1.248	9.44	11.20	-0.4590	1.0054	0.3334	0.0704	0.1191	1.0563	1.7867	-0.0170	0.015	-0.0245	0.0691	0.0923	1.0563	1.7867	
		11	-0.0705	0.0244	0.0245	1.7339	1.7381	0.2648	0.0691	0.0923	1.5052	1.7450	-0.0705	0.0244	0.0245	0.0691	0.0923	0.0923	1.5052	1.7450
496	4	10	1.249	9.42	22.50	-0.1810	1.0211	0.3325	0.0679	0.1198	1.0220	1.8023	-0.0168	0.006	-0.0497	0.0608	0.0755	1.0220	1.8023	
		11	-0.1391	0.0421	0.0497	1.5134	1.7892	0.2173	0.0608	0.0755	1.3993	1.7377	-0.1391	0.0421	0.0497	0.0608	0.0755	0.0755	1.3993	1.7377
496	5	10	1.248	9.43	33.70	1.5859	2.2392	0.3086	0.0650	0.1117	1.0531	1.8100	0.0412	0.0130	0.0184	0.0462	0.0581	1.0531	1.8100	
		11	0.1994	0.0530	0.0726	1.3291	1.8211	0.1680	0.0462	0.0581	1.5770	1.7508	0.1994	0.0530	0.0726	0.0462	0.0581	0.0581	1.5770	1.7508
496	6	10	1.249	9.42	44.99	1.4544	1.8993	0.2648	0.0607	0.0953	1.1466	1.7999	0.1141	0.0332	0.0433	0.0270	0.0371	1.1466	1.7999	
		11	0.2521	0.0594	0.0923	1.1799	1.8319	0.1038	0.0270	0.0371	1.5019	1.7896	0.2521	0.0594	0.0923	0.0270	0.0371	0.0371	1.5019	1.7896
496	7	10	1.249	9.42	56.19	1.4271	1.7981	0.2070	0.0536	0.0744	1.2955	1.7880	0.1722	0.0491	0.0619	0.0054	0.0083	1.2955	1.7880	
		11	0.2900	0.0635	0.1058	1.0948	1.8246	0.0271	0.0054	0.0083	0.9977	1.5337	0.2900	0.0635	0.1058	0.0054	0.0083	0.0083	0.9977	1.5337
496	8	10	1.250	9.43	67.48	1.3206	1.7625	0.1392	0.0412	0.0498	1.4798	1.7884	0.2307	0.0609	0.0813	0.0046	0.0005	1.4798	1.7884	
		11	0.3067	0.0681	0.1109	1.1110	1.8077	0.0066	0.0046	0.0005	1.4867	1.4231	0.3067	0.0681	0.1109	0.0046	0.0005	0.0005	1.4867	1.4231

Run Pt. Cd

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																				
496	9	10	1.249	9.43	78.69	1.2060	1.7762	0.0692	0.0221	0.0243	1.6021	1.7552	0.2763	0.0666	0.0981	1.1661	1.7977	0.0106	0.0034	0.0012	1.6351	0.5722	
	11	12	0.3039	0.0708	0.1092	1.1235	1.7867	0.0032	-0.0022	0.0008	-3.5181	1.2405	0.4292	0.0694	0.1104	1.2607	1.7879	0.0189	-0.0000	0.0035	-0.0041	0.9328	
	12	12	0.2819	0.0711	0.1008	0.9520	1.7954	0.0029	-0.0037	0.0002	-6.2987	0.3930	1.250	0.3091	0.0711	1.0302	1.7991	0.0264	0.0008	0.0056	0.1513	1.0661	
497	1	10	1.249	12.64	89.99	1.0307	1.7827	0.1004	0.0284	0.0361	1.4162	1.7976	0.4292	0.0817	0.1541	0.9564	1.8123	-0.0046	0.0024	-0.0035	-2.6583	3.8439	
	11	12	0.3978	0.0819	0.1431	1.0307	1.7827	0.1004	0.0284	0.0361	1.4162	1.7976	0.3814	0.0786	0.1359	0.9564	1.8123	-0.0046	0.0024	-0.0035	-2.6583	3.8439	
	12	12	0.4268	0.0816	0.1547	1.0307	1.7827	0.1004	0.0284	0.0361	1.4162	1.7976	1.250	12.63	78.68	0.9564	1.8123	-0.0046	0.0024	-0.0035	-2.6583	3.8439	
497	3	10	1.250	12.63	67.47	1.1318	1.7783	0.2043	0.0487	0.0751	1.1923	1.8396	0.3186	0.0721	0.1133	0.9075	1.8248	-0.0191	0.0032	-0.0061	-0.8476	1.6090	
	11	12	0.4312	0.0782	0.1573	1.1318	1.7783	0.2043	0.0487	0.0751	1.1923	1.8396	0.3186	0.0721	0.1133	0.9075	1.8248	-0.0191	0.0032	-0.0061	-0.8476	1.6090	
	12	12	0.4103	0.0735	0.1506	1.1318	1.7783	0.2043	0.0487	0.0751	1.1923	1.8396	1.250	12.61	56.18	0.9510	1.8546	0.1461	0.0361	0.0551	1.2364	1.8882	
497	5	10	1.250	12.61	44.99	1.3158	1.9528	0.3736	0.0683	0.1364	0.9153	1.8262	0.1545	0.0406	0.0603	0.9510	1.8546	0.1461	0.0361	0.0551	1.2364	1.8882	
	11	12	0.3585	0.0682	0.1330	1.3158	1.9528	0.3736	0.0683	0.1364	0.9153	1.8262	0.1545	0.0406	0.0603	0.9510	1.8546	0.1461	0.0361	0.0551	1.2364	1.8882	
	12	12	0.2852	0.0616	0.1061	1.3158	1.9528	0.3736	0.0683	0.1364	0.9153	1.8262	0.1545	0.0406	0.0603	0.9510	1.8546	0.1461	0.0361	0.0551	1.2364	1.8882	
497	6	10	1.249	12.62	33.70	2.2684	2.6479	0.4313	0.0735	0.1566	0.8531	1.8165	0.0433	0.0196	0.0229	1.0807	1.8610	0.2405	0.0548	0.0849	1.1403	1.7651	
	11	12	0.2852	0.0616	0.1061	2.2684	2.6479	0.4313	0.0735	0.1566	0.8531	1.8165	0.0433	0.0196	0.0229	1.0807	1.8610	0.2405	0.0548	0.0849	1.1403	1.7651	
	12	12	0.1998	0.0499	0.0737	2.2684	2.6479	0.4313	0.0735	0.1566	0.8531	1.8165	0.0433	0.0196	0.0229	1.0807	1.8610	0.2405	0.0548	0.0849	1.1403	1.7651	
497	7	10	1.250	12.64	22.51	-0.1179	0.9433	0.4597	0.0776	0.1660	0.8443	1.8056	-0.0409	0.0009	-0.0071	-0.1179	0.9433	0.4597	0.0776	0.1660	0.8443	1.8056	
	11	12	0.1998	0.0499	0.0737	-0.1179	0.9433	0.4597	0.0776	0.1660	0.8443	1.8056	-0.0409	0.0009	-0.0071	-0.1179	0.9433	0.4597	0.0776	0.1660	0.8443	1.8056	
	12	12	0.1998	0.0499	0.0737	-0.1179	0.9433	0.4597	0.0776	0.1660	0.8443	1.8056	-0.0409	0.0009	-0.0071	-0.1179	0.9433	0.4597	0.0776	0.1660	0.8443	1.8056	
497	8	10	1.250	12.64	11.20	0.1995	1.2669	0.4588	0.0814	0.1649	0.8077	1.7978	-0.0399	-0.0015	-0.0101	0.1995	1.2669	0.4588	0.0814	0.1649	0.8077	1.7978	
	11	12	0.0988	0.0312	0.0353	0.1995	1.2669	0.4588	0.0814	0.1649	0.8077	1.7978	-0.0399	-0.0015	-0.0101	0.1995	1.2669	0.4588	0.0814	0.1649	0.8077	1.7978	
	12	12	0.0988	0.0312	0.0353	0.1995	1.2669	0.4588	0.0814	0.1649	0.8077	1.7978	-0.0399	-0.0015	-0.0101	0.1995	1.2669	0.4588	0.0814	0.1649	0.8077	1.7978	
497	9	10	1.249	12.65	11.20	0.1196	1.1979	0.4534	0.0812	0.1626	0.8959	1.7928	-0.0342	-0.0008	-0.0083	0.1196	1.1979	0.4534	0.0812	0.1626	0.8959	1.7928	
	11	12	0.1030	0.0327	0.0373	0.1196	1.1979	0.4534	0.0812	0.1626	0.8959	1.7928	-0.0342	-0.0008	-0.0083	0.1196	1.1979	0.4534	0.0812	0.1626	0.8959	1.7928	
	12	12	0.1030	0.0327	0.0373	0.1196	1.1979	0.4534	0.0812	0.1626	0.8959	1.7928	-0.0342	-0.0008	-0.0083	0.1196	1.1979	0.4534	0.0812	0.1626	0.8959	1.7928	

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																				
498	1	10	1.251	-12.66	11.20	0.1070	1.2199	0.4552	0.0810	0.1627	0.8943	1.7949	-0.0340	-0.0007	-0.0083	0.1070	1.2199	0.4552	0.0810	0.1627	0.8943	1.7949	
		11	0.1041	0.0328	0.0377	1.5791	1.8118	0.3758	0.0792	0.1328	1.0546	1.7681											
		12																					
498	2	10	1.249	12.65	22.51	-0.1958	0.9625	0.4542	0.0772	0.1637	0.8500	1.8031	-0.0388	0.0015	-0.0074	1.2525	1.8486	0.3129	0.0713	0.1096	1.1398	1.7519	
		11	0.2045	0.0512	0.0756	-1.2525	1.8486	0.3129	0.0713	0.1096	1.1398	1.7519											
		12																					
498	3	10	1.250	12.62	33.71	2.4456	2.7032	0.4252	0.0729	0.1543	0.8571	1.8142	0.2905	0.0624	0.1080	1.0751	1.8585	0.2441	0.0559	0.0860	1.1455	1.7624	
		11	0.364	0.0178	0.0197	1.3278	1.9540	0.3675	0.0676	0.1339	0.9206	1.8220											
		12	0.2905	0.0624	0.1080	1.0751	1.8585	0.2441	0.0559	0.0860	1.1455	1.7624											
498	4	10	1.249	12.63	44.99	1.3278	1.9540	0.3675	0.0676	0.1339	0.9206	1.8220	0.3637	0.0692	0.1351	0.9524	1.8575	0.1514	0.0378	0.0569	1.2482	1.8808	
		11	0.1460	0.0387	0.0570	1.3278	1.9540	0.3675	0.0676	0.1339	0.9206	1.8220											
		12	0.3637	0.0692	0.1351	0.9524	1.8575	0.1514	0.0378	0.0569	1.2482	1.8808											
498	5	10	1.249	12.64	56.18	1.1938	1.8070	0.2926	0.0608	0.1073	1.0392	1.8340	0.2343	0.0559	0.0846	1.1938	1.8370	0.0456	0.0178	0.0193	1.9518	2.1267	
		11	0.4155	0.0745	0.1526	1.1938	1.8070	0.2926	0.0608	0.1073	1.0392	1.8340											
		12																					
498	6	10	1.249	12.65	67.48	1.1387	1.7781	0.1995	0.0476	0.0730	1.1942	1.8297	0.3096	0.0705	0.1101	1.1387	1.7781	0.0186	0.0049	0.0057	-1.3262	1.5332	
		11	0.4379	0.0790	0.1597	1.1387	1.7781	0.1995	0.0476	0.0730	1.1942	1.8297											
		12																					
498	7	10	1.251	12.65	78.69	1.0377	1.7826	0.0930	0.0262	0.0339	1.4092	1.8221	0.3749	0.0778	0.1336	1.0377	1.7826	0.0058	0.0039	0.0037	-3.3684	3.2446	
		11	0.4315	0.0816	0.1568	1.0377	1.7826	0.0930	0.0262	0.0339	1.4092	1.8221											
		12																					
498	8	10	1.248	12.65	89.99	0.9638	1.7916	-0.0009	-0.0057	-0.0012	31.7970	6.9122	0.4228	0.0815	0.1515	0.9638	1.8011	0.0254	0.0021	0.0059	0.4233	1.1576	
		11	0.4030	0.0823	0.1451	0.9638	1.8011	0.0254	0.0021	0.0059	0.4233	1.1576											
		12																					
499	1	10	1.249	9.45	89.99	1.1326	1.7892	0.0000	-0.0040	-0.0003	-31.6399	1.1070	0.3036	0.0687	0.1086	1.1326	1.7892	0.0276	0.0018	0.0052	0.3834	3.1070	
		11	0.2862	0.0720	0.1024	1.1326	1.7892	0.0276	0.0018	0.0052	0.3834	3.1070											
		12																					
499	2	10	1.249	9.45	78.69	1.2145	1.7785	0.0659	0.0207	0.0232	1.5735	1.7609	0.2670	0.0648	0.0950	1.2145	1.7785	0.0128	0.0055	0.0017	2.1705	0.6944	
		11	0.3078	0.0713	0.1111	1.2145	1.8057	0.0128	0.0055	0.0017	2.1705	0.6944											
		12																					
499	3	10	1.250	9.44	67.49	1.3281	1.7657	0.1345	0.0394	0.0480	1.4641	1.7846	0.2210	0.0587	0.0780	1.3281	1.7657	0.0078	0.0061	0.0007	3.9113	0.5002	
		11	0.3120	0.0689	0.1130	1.3281	1.8114	0.0078	0.0061	0.0007	3.9113	0.5002											
		12																					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key												
499	4	10	1.249	2.44	56.19	1.3997	1.8070	0.2034	0.0519	0.0733	1.2766	1.8011			
	11	11	0.1636	0.0458	0.0591	1.0920	1.8232	0.0337	0.0086	0.0110	1.2797	1.6309			
	12	12	0.2964	0.0647	0.1080										
499	5	10	1.250	2.44	44.99	1.4038	1.9427	0.2609	0.0593	0.0935	1.1367	1.7926			
	11	11	0.1027	0.0288	0.0399	1.1781	1.8304	0.1094	0.0297	0.0391	1.3586	1.7860			
	12	12	0.2577	0.0607	0.0943										
499	6	10	1.249	2.44	33.70	1.5741	2.4247	0.3041	0.0636	0.1102	1.0456	1.8121			
	11	11	0.0243	0.0076	0.0118	1.3246	1.8312	0.1731	0.0488	0.0601	1.4124	1.7362			
	12	12	0.2041	0.0540	0.0747										
499	7	10	1.248	2.44	22.50	-0.0945	0.9932	0.3249	0.0673	0.1171	1.0359	1.8019			
	11	11	-0.0172	0.0003	-0.0034	1.5474	1.8003	0.2251	0.0624	0.0777	1.3863	1.7273			
	12	12	0.1427	0.0441	0.0513										
499	8	10	1.248	2.44	11.20	-0.2360	1.0060	0.3267	0.0697	0.1171	1.0674	1.7924			
	11	11	-0.0147	0.0006	-0.0029	1.7691	1.7343	0.2704	0.0697	0.0943	1.2898	1.7448			
	12	12	0.0744	0.0263	0.0258										
500	1	10	1.248	6.28	11.20	2.6669	2.9151	0.2005	0.0542	0.0703	1.3515	1.7549			
	11	11	0.0061	0.0033	0.0036	1.8577	1.6078	0.1716	0.0536	0.0582	1.5635	1.6967			
	12	12	0.0499	0.0185	0.0160										
500	2	10	1.250	6.29	22.50	2.8166	2.2788	0.1982	0.0533	0.0697	1.3451	1.7595			
	11	11	0.0177	0.0100	0.0081	1.7747	1.7199	0.1435	0.0458	0.0493	1.5968	1.7178			
	12	12	0.0906	0.0321	0.0311										
500	3	10	1.250	6.29	33.70	2.4549	2.0328	0.1825	0.0501	0.0643	1.3750	1.7633			
	11	11	0.0361	0.0177	0.0147	1.6465	1.7491	0.1101	0.0367	0.0377	1.6685	1.7149			
	12	12	0.1262	0.0415	0.0441										
500	4	10	1.250	6.28	44.99	1.8788	1.9246	0.1572	0.0458	0.0546	1.4590	1.7380			
	11	11	0.0683	0.0256	0.0263	1.5331	1.7819	0.0708	0.0263	0.0236	1.8626	1.6656			
	12	12	0.1553	0.0476	0.0553										
500	5	10	1.250	6.28	56.19	1.6547	1.8332	0.1220	0.0383	0.0422	1.5695	1.7314			
	11	11	0.1056	0.0349	0.0387	1.4688	1.7873	0.0452	0.0181	0.0139	2.0042	1.5424			
	12	12	0.1763	0.0518	0.0630										
500	6	10	1.250	6.29	67.49	1.5569	1.7721	0.0833	0.0275	0.0282	1.6531	1.6966			
	11	11	0.1392	0.0433	0.0493	1.4533	1.7829	0.0317	0.0109	0.0086	1.7263	1.5701			
	12	12	0.1868	0.0543	0.0666										

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key													
500	7	10	1.249	6.29	78.69	1.4678	1.7541	0.0413	0.0140	0.0135	1.6972	1.6344				
			0.1647	0.0463	0.0577	1.5071	1.7693	0.0260	0.0065	0.0064	1.2596	1.2409				
			0.1858	0.0560	0.0657											
500	8	10	1.250	6.29	89.99	1.4173	1.7646	0.0008	-0.0026	-0.0003	-14.9069	-1.9431				
			0.1830	0.0518	0.0645	1.5736	1.7384	0.0183	0.0009	0.0032	0.2620	0.8778				
			0.1759	0.0553	0.0611											
501	1	10	1.245	3.14	89.99	1.7631	1.7619	0.0023	-0.0026	0.0002	-5.5539	0.4850				
			0.0785	0.0277	0.0276	2.0884	1.6621	0.0138	-0.0002	0.0021	-0.0748	0.7615				
			0.0742	0.0310	0.0246											
501	2	10	1.249	3.13	78.69	1.7117	1.7752	0.0212	0.0063	0.0067	1.4909	1.5914				
			0.0718	0.0246	0.0255	2.0368	1.6692	0.0202	0.0032	0.0042	0.7941	1.0427				
			0.0789	0.0321	0.0263											
501	3	10	1.249	3.13	67.49	1.6757	1.7676	0.0384	0.0133	0.0126	1.7407	1.6511				
			0.0613	0.0205	0.0216	2.0167	1.6603	0.0289	0.0070	0.0074	1.2224	1.2893				
			0.0796	0.0321	0.0264											
501	4	10	1.250	3.13	56.19	1.6383	1.8046	0.0571	0.0204	0.0188	1.7850	1.6494				
			0.0507	0.0166	0.0183	2.0502	1.6679	0.0398	0.0112	0.0113	1.4101	1.4218				
			0.0751	0.0308	0.0250											
501	5	10	1.248	3.13	44.99	1.5442	1.8732	0.0712	0.0250	0.0235	1.7603	1.6511				
			0.0401	0.0123	0.0223	2.0813	1.6477	0.0502	0.0158	0.0152	1.5750	1.5163				
			0.0678	0.0282	0.0223											
501	6	10	1.249	3.13	33.69	1.3727	1.9252	0.0825	0.0286	0.0275	1.7368	1.6680				
			0.0294	0.0080	0.0113	2.0786	1.6131	0.0628	0.0215	0.0194	1.7194	1.5481				
			0.0588	0.0244	0.0189											
501	11	10	1.249	3.11	22.49	1.2614	2.0781	0.0890	0.0305	0.0298	1.7157	1.6777				
			0.0184	0.0046	0.0076	2.0556	1.5945	0.0721	0.0259	0.0230	1.8004	1.5967				
			0.0434	0.0178	0.0138											
501	12	10	1.249	3.12	11.19	0.8895	2.5177	0.0897	0.0304	0.0305	1.6936	1.7005				
			0.0093	0.0016	0.0047	1.8085	1.5200	0.0809	0.0290	0.0263	1.7921	1.6289				
			0.0285	0.0103	0.0086											
502	1	10	1.250	1.003	11.19	-0.4656	3.2336	0.0303	0.0111	0.0106	1.8380	1.7469				
			0.0057	-0.0005	0.0037	-1.7095	1.3821	0.0295	0.0114	0.0086	1.9281	1.4633				
			0.0158	0.0054	0.0043											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
502	2	10	1.249	1.03	22.49	-0.3459	3.4694	0.0294	0.0110	0.0102	1.6806	1.7423		
	11	10	0.0061	-0.0004	0.0042	2.1548	1.4173	0.0263	0.0097	0.0075	1.8508	1.4327		
	12	10	0.0202	0.0087	0.0057									
502	3	10	1.250	1.03	33.69	0.8786	0.7162	0.0283	0.0104	0.0098	1.8360	1.7278		
	11	10	0.0356	0.0059	0.0048	2.5393	1.5457	0.0230	0.0079	0.0060	1.7152	1.3234		
	12	10	0.0213	0.0108	0.0066									
502	4	10	1.249	1.02	44.99	0.8740	3.0222	0.0245	0.0085	0.0084	1.7423	1.7183		
	11	10	0.0085	0.0014	0.0051	2.7946	1.5895	0.0196	0.0056	0.0047	1.4466	1.2135		
	12	10	0.0211	0.0118	0.0067									
502	5	10	1.249	1.02	56.19	1.4937	2.8435	0.0209	0.0066	0.0070	1.5936	1.6846		
	11	10	0.0094	0.0028	0.0053	2.9462	1.6028	0.0176	0.0037	0.0038	1.0512	1.0960		
	12	10	0.0216	0.0127	0.0069									
502	6	10	1.249	1.01	67.49	1.9180	2.4838	0.0153	0.0043	0.0047	1.4194	1.5543		
	11	10	0.0130	0.0050	0.0065	3.0187	1.6060	0.0151	0.0020	0.0028	0.6749	0.9468		
	12	10	0.0215	0.0130	0.0069									
502	7	10	1.250	1.02	78.69	2.1232	2.3969	0.0096	0.0019	0.0031	1.0169	1.6567		
	11	10	0.0152	0.0064	0.0072	3.0531	1.5244	0.0128	0.0014	0.0018	0.5558	0.7285		
	12	10	0.0209	0.0127	0.0063									
502	8	10	1.250	1.03	89.99	2.4262	2.3518	0.0034	-0.0015	0.0009	-2.1743	1.8226		
	11	10	0.0165	0.0080	0.0077	3.0532	1.5291	0.0118	0.0007	0.0012	0.3353	0.5124		
	12	10	0.0194	0.0118	0.0059									
503	1	10	1.249	-0.02	89.99	0.5634	0.2445	0.0042	-0.0012	0.0006	-1.4566	0.8184		
	11	10	-0.0063	-0.0007	-0.0003	-7.2144	3.7827	0.0103	0.0003	0.0008	0.1658	0.4268		
	12	10	-0.0023	0.0034	-0.0017									
503	2	10	1.249	-0.03	78.69	1.2292	0.2542	0.0037	-0.0002	0.0010	-0.3417	1.3867		
	11	10	-0.0082	-0.0020	-0.0004	11.6999	4.6040	0.0073	-0.0005	0.0002	-0.3843	0.1493		
	12	10	-0.0016	0.0039	-0.0015									
503	3	10	1.249	-0.03	67.49	1.6079	0.6115	0.0057	0.0011	0.0018	1.0059	1.5851		
	11	10	-0.0099	-0.0031	-0.0012	9.8686	9.8686	0.0063	-0.0008	0.0001	-0.6584	0.0847		
	12	10	-0.0004	0.0044	-0.0008									
503	4	10	1.250	-0.02	56.19	1.8686	0.5002	0.0078	0.0018	0.0022	1.1471	1.4535		
	11	10	-0.0087	-0.0032	-0.0008									
	12	10												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
503	5	12	0.0012	0.0045	-0.0002	18.5122	-0.9427	0.0047	-0.0004	-0.0001	-0.4560	-0.1203								
			1.250	-0.0038	4.99															
			-0.0066	0.0048	-0.0002	2.9023	0.1599	0.0077	0.0023	0.0023	1.5324	1.5425								
			0.0033	0.0048	0.0006	7.3126	1.0086	0.0041	0.0001	-0.0000	0.1795	-0.0013								
503	6	10	1.249	-0.0037	33.69															
			-0.0046	0.0052	0.0009	4.0109	-0.9805	0.0064	0.0023	0.0028	1.8508	2.2042								
			0.0076	0.0052	0.0016	3.4560	1.1033	0.0058	0.0013	0.0003	1.1617	0.2833								
503	7	10	1.249	-0.0029	22.49															
			-0.0010	0.0044	0.0018	13.5669	-8.2251	0.0059	0.0021	0.0028	1.7600	2.3771								
			0.0099	0.0044	0.0023	2.2516	1.1892	0.0044	0.0015	0.0003	1.7820	0.5782								
503	8	10	1.249	-0.0022	11.19															
			0.0013	0.0035	0.0024	-8.3213	9.1419	0.0044	0.0014	0.0025	1.6564	2.8452								
			0.0107	0.0035	0.0026	1.6614	1.2495	0.0061	0.0027	0.0008	2.2623	0.7231								
504	1	10	1.248	-0.0009	11.19															
			-0.0114	0.0072	-0.0024	3.1660	1.0718	-0.0673	-0.0244	-0.0220	1.8133	1.6388								
			0.0005	0.0009	-0.0006	8.1753	-5.6399	-0.0711	-0.0243	-0.0245	1.7148	1.7248								
504	2	10	1.248	-0.0144	22.49															
			-0.0311	0.0023	-0.0088	2.3118	1.4170	-0.0588	-0.0229	-0.0194	1.7828	1.6508								
			0.0115	0.0023	-0.0044	1.0239	1.9288	-0.0713	-0.0253	-0.0248	1.7745	1.7415								
504	3	10	1.249	-0.0204	33.69															
			-0.0493	0.0059	-0.0145	2.0726	1.4758	-0.0506	-0.0179	-0.0166	1.7758	1.6400								
			0.0252	0.0059	-0.0089	1.1844	1.7734	-0.0652	-0.0237	-0.0230	1.8211	1.7640								
504	4	10	1.250	-0.0105	44.99															
			-0.0672	0.0253	-0.0203	1.8842	1.5137	-0.0406	-0.0144	-0.0132	1.7826	1.6319								
			0.0414	0.0105	-0.0140	1.2757	1.6987	-0.0560	-0.0216	-0.0201	1.9345	1.7980								
504	5	10	1.250	-0.0283	56.19															
			-0.0796	0.0141	-0.0247	1.7789	1.5536	-0.0282	-0.0105	-0.0097	1.8754	1.7330								
			0.0527	0.0141	-0.0179	1.3406	1.6982	-0.0430	-0.0178	-0.0164	2.0760	1.9145								
504	6	10	1.249	-0.0298	67.49															
			-0.0863	0.0180	-0.0219	1.7306	1.5510	-0.0166	-0.0074	-0.0057	2.2441	1.7265								
			0.0649	0.0180	-0.0219	1.3927	1.6925	-0.0258	-0.0130	-0.0111	2.5291	2.1519								
504	7	10	1.249	-3.17	78.69															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																			
504	6	10	-0.0869	-0.0294	-0.0270	1.6957	1.5584	-0.0043	-0.0043	-0.0021	5.0832	3.5335									
	12	12	-0.0731	-0.0209	-0.0248	1.4291	1.7010	-0.0067	-0.0065	-0.0054	3.7736	3.1287									
505	6	10	1.249	-3.17	89.02	1.6733	1.5428	0.0050	-0.0018	0.0008	-1.8025	0.7964									
	12	12	-0.0837	-0.0260	-0.0258	1.4575	1.7051	0.0096	0.0003	0.0008	0.1831	0.4608									
505	1	10	1.249	-3.16	89.99	1.6859	1.5567	0.0057	-0.0020	0.0008	-1.7575	0.6988									
	12	12	-0.0861	-0.0229	-0.0272	1.4434	1.7097	0.0097	0.0005	0.0006	0.2836	0.3427									
505	2	10	1.249	-3.17	78.69	1.6852	1.5560	-0.0049	-0.0044	-0.0021	4.4866	2.1929									
	12	12	-0.0732	-0.0208	-0.0249	1.4240	1.7029	-0.0078	-0.0060	-0.0050	3.8588	3.2085									
505	3	10	1.250	-3.17	67.49	1.7093	1.5408	-0.0167	-0.0075	-0.0060	2.2530	1.8146									
	12	12	-0.0887	-0.0303	-0.0273	1.3870	1.6946	-0.0258	-0.0127	-0.0112	2.4697	2.1709									
505	4	10	1.249	-3.16	56.19	1.7692	1.5357	-0.0287	-0.0109	-0.0098	1.9003	1.7155									
	12	12	-0.0824	-0.0291	-0.0253	1.3420	1.6777	-0.0428	-0.0180	-0.0164	2.1116	1.9162									
505	5	10	1.248	-3.16	44.99	1.8964	1.5168	-0.0401	-0.0144	-0.0136	1.7951	1.7002									
	12	12	-0.0690	-0.0262	-0.0209	1.2191	1.7164	-0.0567	-0.0221	-0.0202	1.9524	1.7802									
505	6	10	1.250	-3.16	33.69	2.0403	1.4629	-0.0497	-0.0179	-0.0167	1.8005	1.6821									
	12	12	-0.0524	-0.0213	-0.0153	1.1612	1.8187	-0.0654	-0.0238	-0.0231	1.8239	1.7685									
505	7	10	1.249	-3.17	22.49	2.2855	1.4150	-0.0589	-0.0211	-0.0194	1.7941	1.6535									
	12	12	-0.0332	-0.0151	-0.0045	0.9681	2.0335	-0.0705	-0.0248	-0.0246	1.7581	1.7487									
505	8	10	1.250	-3.17	11.19	2.9170	1.0157	-0.0673	-0.0247	-0.0218	1.8229	1.6239									
	12	12	-0.0137	-0.0080	-0.0027	2.9914	-1.1632	-0.0720	-0.0247	-0.0247	1.7198	1.7194									
506	1	10	1.250	0.00	11.19	7.1804	-3.2665	0.0056	0.0012	0.0006	1.1125	2.3352									
	12	12	-0.0025	-0.0037	0.0016	1.5867	-1.2319	0.0058	0.0030	0.0026	2.6213	0.5687									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																							
506	2	10	1.250	0.00	22.49	5.7832	-0.5685	0.0066	0.0019	0.0029	1.4242	2.2144													
		11	-0.0060	-0.0045	0.0006	2.2763	1.2647	0.0044	0.0020	0.0001	2.3127	0.1264													
		12	0.0102	0.0046	0.0025																				
506	3	10	1.249	-0.00	33.69	3.1055	-0.0099	0.0080	0.0022	0.0029	1.4059	1.8337													
		11	-0.0088	-0.0055	0.0000	3.4136	1.1823	0.0041	0.0013	-0.0002	1.6909	-0.2679													
		12	0.0085	0.0058	0.0020																				
506	4	10	1.249	-0.00	44.99	2.2676	0.3512	0.0074	0.0019	0.0023	1.2691	1.5991													
		11	-0.0123	-0.0056	-0.0008	6.6434	0.9412	0.0041	0.0001	-0.0003	0.1900	-0.4039													
		12	0.0041	0.0055	0.0007																				
506	5	10	1.249	-0.01	56.19	1.7984	0.6423	0.0068	0.0010	0.0021	0.7611	1.5810													
		11	-0.0145	-0.0052	-0.0018	12.7619	0.5402	0.0048	-0.0003	-0.0002	-0.3409	-0.2302													
		12	0.0020	0.0051	0.0002																				
506	6	10	1.249	-0.00	67.49	1.5951	0.7140	0.0056	0.0004	0.0018	0.4262	1.6073													
		11	-0.0146	-0.0046	-0.0020	33.6967	-3.8180	0.0062	-0.0002	-0.0001	-0.2025	-0.0902													
		12	0.0007	0.0049	-0.0005																				
506	7	10	1.249	-0.00	78.69	1.4858	0.6138	0.0045	-0.0006	0.0011	-0.7092	1.2415													
		11	-0.0115	-0.0034	-0.0014	7.0332	7.0332	0.0074	-0.0001	0.0001	-0.1194	0.0726													
		12	0.0007	0.0045	-0.0011																				
506	8	10	1.250	-0.00	89.99	1.1283	0.5094	0.0039	-0.0019	0.0006	-2.5141	0.8673													
		11	-0.0106	-0.0024	-0.0010	-7.6017	3.2209	0.0095	0.0006	0.0005	0.3384	0.2882													
		12	0.0024	0.0036	-0.0015																				
507	1	10	1.249	1.00	89.99	2.3663	2.7475	0.0030	-0.0023	0.0007	-3.8513	1.3038													
		11	0.0114	0.0054	0.0062	3.0908	1.4424	0.0105	0.0009	0.0006	0.4371	0.3143													
		12	0.0197	0.0122	0.0057																				
507	2	10	1.250	1.00	78.69	1.9884	2.8470	0.0083	0.0010	0.0028	0.6092	1.7887													
		11	0.0102	0.0040	0.0058	3.0528	1.5130	0.0109	0.0011	0.0012	0.5414	0.5546													
		12	0.0211	0.0128	0.0063																				
507	3	10	1.250	1.00	67.49	1.7211	4.0890	0.0147	0.0036	0.0050	1.2323	1.7124													
		11	0.0058	0.0020	0.0047	3.0175	1.5873	0.0139	0.0021	0.0024	0.7840	0.8783													
		12	0.0212	0.0128	0.0067																				
507	4	10	1.250	1.00	56.19	0.7692	5.9761	0.0207	0.0062	0.0072	1.4995	1.7350													
		11	0.0056	0.0005	0.0044	3.0175	1.6112	0.0160	0.0039	0.0035	1.2307	1.1083													
		12	0.0209	0.0126	0.0067																				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
507	5	10	1.249	1.00	44.99	-3.1562	9.7721	0.0244	0.0080	0.0082	1.6363	1.6832								
		11	0.0018	-0.0011	0.0036	2.9049	1.5341	0.0186	0.0058	0.0045	1.5627	1.2255								
		12	0.0212	0.0123	0.0065															
507	6	10	1.250	1.00	33.69	-8.9049	11.9662	0.0279	0.0095	0.0096	1.6998	1.7202								
		11	0.0014	-0.0025	0.0033	2.6029	1.5837	0.0216	0.0079	0.0055	1.8404	1.2860								
		12	0.0209	0.0109	0.0066															
507	7	10	1.250	1.00	22.49	-14.2575	13.7705	0.0283	0.0100	0.0100	1.7761	1.7761								
		11	0.0010	-0.0029	0.0028	2.2726	1.4932	0.0243	0.0096	0.0067	1.9753	1.3929								
		12	0.0192	0.0087	0.0057															
507	8	10	1.249	1.00	11.19	24.8929	-16.8648	0.0290	0.0100	0.0105	1.7284	1.8095								
		11	-0.0006	-0.0031	0.0021	1.7594	1.3294	0.0274	0.0112	0.0080	2.0381	1.4593								
		12	0.0165	0.0058	0.0043															
508	7	10	1.249	3.11	11.20	-5.5809	7.9987	0.0901	0.0298	0.0304	1.6524	1.6907								
		11	0.0013	-0.0014	0.0021	1.8906	1.5176	0.0813	0.0298	0.0263	1.8341	1.6173								
		12	0.0278	0.0105	0.0084															
508	8	10	1.249	3.11	22.49	0.7446	2.4288	0.0886	0.0299	0.0295	1.6915	1.6662								
		11	0.0132	0.0019	0.0064	2.1042	1.5792	0.0730	0.0268	0.0232	1.8366	1.5946								
		12	0.0440	0.0185	0.0138															
508	9	10	1.248	3.11	33.69	1.2282	2.1167	0.0812	0.0278	0.0270	1.7143	1.6612								
		11	0.0236	0.0058	0.0100	2.1134	1.6314	0.0616	0.0219	0.0193	1.7805	1.5719								
		12	0.0569	0.0240	0.0185															
508	10	10	1.249	3.11	44.99	1.4440	1.9433	0.0712	0.0246	0.0237	1.7271	1.6679								
		11	0.0346	0.0100	0.0134	2.1095	1.6549	0.0512	0.0172	0.0155	1.6809	1.5177								
		12	0.0665	0.0280	0.0220															
508	11	10	1.248	3.12	56.19	1.6061	1.9005	0.0572	0.0200	0.0189	1.7469	1.6887								
		11	0.0445	0.0143	0.0169	2.0960	1.6835	0.0405	0.0122	0.0117	1.5143	1.4551								
		12	0.0737	0.0309	0.0248															
508	12	10	1.249	3.12	67.49	1.6890	1.8633	0.0396	0.0135	0.0127	1.7044	1.6104								
		11	0.0559	0.0188	0.0208	2.0554	1.6891	0.0298	0.0079	0.0079	1.3367	1.3385								
		12	0.0777	0.0319	0.0262															
508	13	10	1.250	3.12	78.69	1.7253	1.8311	0.0211	0.0063	0.0067	1.4909	1.5914								
		11	0.0663	0.0229	0.0243	2.0563	1.6751	0.0206	0.0042	0.0044	1.0299	1.0748								
		12	0.0770	0.0316	0.0258															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																		
510	3	10	1.249	9.47	33.70	1.7081	2.7740	0.3051	0.0635	0.1097	1.0416	1.7263								
		11	0.0168	0.0057	0.0093	1.3207	1.8314	0.1770	0.0503	0.0612	1.4221	1.7288								
		12	0.2050	0.0541	0.0751															
510	4	10	1.250	9.47	45.00	1.3891	1.9794	0.2603	0.0591	0.0931	1.1356	1.7898								
		11	0.0980	0.0272	0.0388	1.1733	1.8380	0.1127	0.0311	0.0400	1.13798	1.7782								
		12	0.2578	0.0605	0.0947															
510	5	10	1.248	9.47	56.19	1.3872	1.8126	0.2014	0.0516	0.0722	1.2610	1.7936								
		11	0.1607	0.0445	0.0582	1.0920	1.8325	0.0371	0.0101	0.0117	1.3588	1.5836								
		12	0.2975	0.0649	0.1090															
510	6	10	1.248	9.49	67.49	1.3353	1.7775	0.1344	0.0392	0.0474	1.4592	1.7660								
		11	0.2169	0.0579	0.0771	1.1060	1.8183	0.0085	0.0068	0.0007	4.0146	0.4573								
		12	0.3120	0.0690	0.1134															
510	7	10	1.248	9.49	78.69	1.2167	1.7806	0.0654	0.0197	0.0226	1.5069	1.7334								
		11	0.2665	0.0648	0.0949	1.1560	1.8034	0.0133	0.0064	0.0022	2.4389	0.8344								
		12	0.3109	0.0718	0.1121															
510	8	10	1.249	9.50	89.99	1.1363	1.7824	0.0003	-0.0040	-0.0005	-63.4603	-0.9059								
		11	0.3023	0.0687	0.1077	1.2522	1.7952	0.0256	0.0026	0.0058	0.5116	1.1453								
		12	0.2877	0.0720	0.1033															
511	1	10	1.250	12.66	89.99	0.9641	1.7936	-0.0015	-0.0038	-0.0014	18.7108	4.7420								
		11	0.4193	0.0808	0.1504	1.0210	1.8017	0.0279	0.0035	0.0064	0.6340	1.1510								
		12	0.4039	0.0825	0.1455															
511	2	10	1.250	12.66	78.69	1.0434	1.7880	0.0939	0.0261	0.0336	1.3943	1.7917								
		11	0.3708	0.0773	0.1326	0.9448	1.8177	-0.0046	0.0049	-0.0035	-5.3689	3.8492								
		12	0.4332	0.0818	0.1575															
511	3	10	1.250	12.65	67.48	1.1412	1.7760	0.1966	0.0469	0.0716	1.1946	1.8230								
		11	0.3069	0.0700	0.1090	0.8999	1.8235	-0.0173	0.0057	-0.0055	-1.8670	1.8021								
		12	0.4392	0.0790	0.1602															
511	4	10	1.247	12.64	56.18	1.2029	1.8176	0.2914	0.0603	0.1062	1.0352	1.8236								
		11	0.2293	0.0551	0.0833	0.9006	1.8366	0.0486	0.0184	0.0206	1.8986	2.1255								
		12	0.4173	0.0751	0.1533															
511	5	10	1.248	12.63	45.00	1.3394	1.9776	0.3671	0.0674	0.1340	0.9182	1.8260								
		11	0.1379	0.0369	0.0545	0.9571	1.8598	0.1564	0.0388	0.0586	1.2425	1.8734								
		12	0.3637	0.0696	0.1352															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

508	14	10	1.250	5.12	89.99	1.7846	1.8116	0.0026	-0.0018	0.0002	-3.5820	0.4406
		11	0.0732	0.0261	0.0265	2.0698	1.6654	0.0141	0.0009	0.0022	0.3305	0.7827
		12	0.0740	0.0306	0.0246							
509	1	10	1.249	6.31	89.99	1.4248	1.7674	0.0013	-0.0028	-0.0001	-10.6904	-0.4254
		11	0.1815	0.0517	0.0641	1.5857	1.7455	0.0199	0.0016	0.0039	0.4211	0.9973
		12	0.1744	0.0553	0.0608							
509	2	10	1.249	6.31	78.69	1.4882	1.7545	0.0419	0.0140	0.0139	1.6707	1.6676
		11	0.1597	0.0475	0.0560	1.5066	1.7693	0.0281	0.0079	0.0067	1.4043	1.1980
		12	0.1855	0.0559	0.0656							
509	3	10	1.349	6.29	67.49	1.5670	1.7666	0.0826	0.0272	0.0278	1.6504	1.6858
		11	0.1355	0.0424	0.0479	1.4537	1.7773	0.0329	0.0123	0.0091	1.8779	1.3942
		12	0.1871	0.0544	0.0665							
509	4	10	1.249	6.30	56.19	1.6733	1.8656	0.1220	0.0381	0.0424	1.5643	1.7395
		11	0.1001	0.0335	0.0373	1.4774	1.7812	0.0467	0.0195	0.0145	2.0879	1.5509
		12	0.1761	0.0520	0.0627							
509	5	10	1.249	6.30	44.99	1.8930	1.9709	0.1570	0.0457	0.0546	1.4567	1.7386
		11	0.0633	0.0239	0.0249	1.5384	1.7803	0.0734	0.0277	0.0244	1.8901	1.6644
		12	0.1554	0.0478	0.0553							
509	6	10	1.248	6.29	33.70	2.5456	2.1428	0.1817	0.0501	0.0637	1.3807	1.7546
		11	0.0318	0.0162	0.0136	1.6748	1.7652	0.1116	0.0375	0.0382	1.6798	1.7107
		12	0.1232	0.0412	0.0435							
509	7	10	1.249	6.30	22.50	3.0970	2.5699	0.1975	0.0532	0.0695	1.3483	1.7610
		11	0.0129	0.0080	0.0066	1.7912	1.7199	0.1451	0.0466	0.0493	1.6060	1.6989
		12	0.0897	0.0321	0.0308							
509	8	10	1.248	6.30	11.20	3.5982	4.1599	0.1998	0.0539	0.0701	1.3485	1.7546
		11	0.0028	0.0020	0.0023	1.8885	1.6554	0.1727	0.0543	0.0587	1.5724	1.7015
		12	0.0499	0.0188	0.0165							
510	1	10	1.250	9.48	11.20	-0.1022	1.1497	0.3283	0.0700	0.1174	1.0666	1.7883
		11	-0.0149	0.0003	-0.0034	1.7331	1.7426	0.2750	0.0707	0.0959	1.2857	1.7441
		12	0.0755	0.0261	0.0263							
510	2	10	1.249	9.48	22.50	-0.2748	0.9815	0.3247	0.0675	0.1167	1.0404	1.7972
		11	-0.0162	0.0008	-0.0031	1.5360	1.8102	0.2294	0.0634	0.0791	1.3823	1.7250
		12	0.1417	0.0435	0.0513							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key

Run	Pt.	Cd																		
511	6	10	1.249	12.64	56.18	1.1974	1.8144	0.2916	0.0601	0.1064	1.0312	1.0236	1.0312	1.0312	1.0312	1.0312	1.0312	1.0312	1.0312	1.0312
		11	0.2301	0.0551	0.0835	0.8952	1.8372	0.0489	0.0191	0.0206	1.9541	1.9541	1.9541	1.9541	1.9541	1.9541	1.9541	1.9541	1.9541	1.9541
		12	0.4176	0.0747	0.1534															2.1110
511	7	10	1.249	12.65	67.48	1.1471	1.7772	0.1977	0.0474	0.0721	1.1985	1.1985	1.1985	1.1985	1.1985	1.1985	1.1985	1.1985	1.1985	1.1985
		11	0.3061	0.0702	0.1088	0.9008	1.8251	-0.0173	0.0055	-0.0055	-1.5961	-1.5961	-1.5961	-1.5961	-1.5961	-1.5961	-1.5961	-1.5961	-1.5961	-1.5961
		12	0.4386	0.0790	0.1601															1.5966
511	8	10	1.248	12.66	78.69	1.0463	1.7869	0.0929	0.0258	0.0335	1.3914	1.3914	1.3914	1.3914	1.3914	1.3914	1.3914	1.3914	1.3914	1.3914
		11	0.3704	0.0775	0.1323	0.9496	1.8156	-0.0064	0.0045	-0.0035	-3.5014	-3.5014	-3.5014	-3.5014	-3.5014	-3.5014	-3.5014	-3.5014	-3.5014	-3.5014
		12	0.4338	0.0823	0.1575															2.7655
511	9	10	1.249	12.66	89.99	0.9637	1.7929	-0.0009	-0.0057	-0.0013	31.9874	31.9874	31.9874	31.9874	31.9874	31.9874	31.9874	31.9874	31.9874	31.9874
		11	0.4189	0.0807	0.1502	1.0223	1.7991	0.0273	0.0034	0.0064	0.6332	0.6332	0.6332	0.6332	0.6332	0.6332	0.6332	0.6332	0.6332	0.6332
		12	0.4045	0.0827	0.1455															1.1790
512	1	10	1.249	12.67	89.99	0.9706	1.7920	-0.0007	-0.0061	-0.0013	40.4211	40.4211	40.4211	40.4211	40.4211	40.4211	40.4211	40.4211	40.4211	40.4211
		11	0.4165	0.0808	0.1493	0.9706	1.8031	0.0268	0.0049	0.0064	0.9123	0.9123	0.9123	0.9123	0.9123	0.9123	0.9123	0.9123	0.9123	0.9123
		12	0.4079	0.0827	0.1471															1.1990
512	2	10	1.249	12.66	78.69	1.0509	1.7803	0.0933	0.0255	0.0332	1.3699	1.3699	1.3699	1.3699	1.3699	1.3699	1.3699	1.3699	1.3699	1.3699
		11	0.3561	0.0769	0.1303	0.9396	1.8156	-0.0056	0.0062	-0.0038	-5.5534	-5.5534	-5.5534	-5.5534	-5.5534	-5.5534	-5.5534	-5.5534	-5.5534	-5.5534
		12	0.4370	0.0821	0.1587															3.4656
512	3	10	1.250	12.66	67.48	1.1479	1.7789	0.1949	0.0464	0.0711	1.1902	1.1902	1.1902	1.1902	1.1902	1.1902	1.1902	1.1902	1.1902	1.1902
		11	0.3007	0.0690	0.1070	0.8966	1.8208	-0.0174	0.0066	-0.0050	-1.9051	-1.9051	-1.9051	-1.9051	-1.9051	-1.9051	-1.9051	-1.9051	-1.9051	-1.9051
		12	0.4425	0.0793	0.1611															1.6244
512	4	10	1.249	12.64	56.19	1.1955	1.8146	0.2884	0.0596	0.1050	1.0338	1.0338	1.0338	1.0338	1.0338	1.0338	1.0338	1.0338	1.0338	1.0338
		11	0.2250	0.0538	0.0816	0.8925	1.8377	0.0523	0.0201	0.0223	1.9270	1.9270	1.9270	1.9270	1.9270	1.9270	1.9270	1.9270	1.9270	1.9270
		12	0.4217	0.0752	0.1550															2.1521
512	5	10	1.248	12.65	45.00	1.3487	1.9921	0.3629	0.0666	0.1327	0.9178	0.9178	0.9178	0.9178	0.9178	0.9178	0.9178	0.9178	0.9178	0.9178
		11	0.1306	0.0352	0.0520	0.9513	1.8615	0.1602	0.0399	0.0600	1.2456	1.2456	1.2456	1.2456	1.2456	1.2456	1.2456	1.2456	1.2456	1.2456
		12	0.3675	0.0699	0.1368															1.8750
512	6	10	1.249	12.65	33.71	2.8719	2.9850	0.4194	0.0720	0.1523	0.0591	0.0591	0.0591	0.0591	0.0591	0.0591	0.0591	0.0591	0.0591	0.0591
		11	0.0272	0.0156	0.0161	1.0657	1.8613	0.2482	0.0573	0.0876	1.1541	1.1541	1.1541	1.1541	1.1541	1.1541	1.1541	1.1541	1.1541	1.1541
		12	0.2972	0.0633	0.1106															1.7652
512	7	10	1.249	12.61	22.51	-0.2865	1.0207	0.4482	0.0769	0.1617	0.0585	0.0585	0.0585	0.0585	0.0585	0.0585	0.0585	0.0585	0.0585	0.0585
		11	-0.0362	0.0020	-0.0073	1.2467	1.8554	0.3213	0.0728	0.1125	1.1332	1.1332	1.1332	1.1332	1.1332	1.1332	1.1332	1.1332	1.1332	1.1332
		12	-0.2091	0.0521	-0.0776															1.7506

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd

See Key

512	8	10	1.248	12.64	11.20	0.0773	1.1954	0.4473	0.0807	0.1604	0.9028	1.7931
		11	-0.0288	-0.0004	-0.0069	1.5835	1.8064	0.3824	0.0799	0.1347	1.0457	1.7616
		12	0.1088	0.0344	0.0393							
513	4	10	1.249	9.44	11.20	0.1737	1.1562	0.3221	0.0694	0.1148	1.0778	1.7821
		11	-0.0158	-0.0005	-0.0036	1.7518	1.7429	0.2748	0.0705	0.0961	1.2630	1.7497
		12	0.0786	0.0275	0.0274							
513	5	10	1.249	9.44	22.51	0.0149	1.0066	0.3192	0.0667	0.1143	1.0456	1.7903
		11	-0.0181	-0.0000	-0.0036	1.5206	1.8029	0.2308	0.0639	0.0801	1.3845	1.7351
		12	0.1470	0.0447	0.0530							
513	6	10	1.249	9.43	33.71	1.9493	5.1794	0.2991	0.0624	0.1074	1.0444	1.7959
		11	0.0041	0.0016	0.0042	1.3177	1.8321	0.1763	0.0509	0.0614	1.4454	1.7435
		12	0.2066	0.0544	0.0757							
513	7	10	1.250	9.44	45.00	1.3611	2.0287	0.2554	0.0579	0.0916	1.1350	1.7936
		11	0.0885	0.0240	0.0359	1.1704	1.8420	0.1131	0.0327	0.0405	1.4470	1.7925
		12	0.2604	0.0609	0.0959							
513	8	10	1.249	9.44	56.19	1.3842	1.8386	0.1988	0.0506	0.0712	1.2728	1.7920
		11	0.1515	0.0419	0.0557	1.0851	1.8298	0.0388	0.0117	0.0129	1.5139	1.6711
		12	0.2990	0.0648	0.1094							
513	9	10	1.248	9.43	67.49	1.3360	1.7883	0.1321	0.0383	0.0466	1.4495	1.7664
		11	0.2097	0.0560	0.0750	1.1023	1.8168	0.0089	0.0083	0.0014	4.6641	0.8070
		12	0.3139	0.0692	0.1140							
513	10	10	1.249	9.45	78.69	1.2311	1.7786	0.0648	0.0196	0.0222	1.5154	1.7184
		11	0.2583	0.0636	0.0918	1.1551	1.8072	0.0148	0.0081	0.0024	2.7604	0.8238
		12	0.3099	0.0716	0.1120							
513	11	10	1.248	9.45	89.99	1.1481	1.7931	-0.0011	-0.0049	-0.0011	20.9307	4.7814
		11	0.2956	0.0678	0.1060	1.2588	1.7856	0.0278	0.0042	0.0068	0.7703	1.2828
		12	0.2871	0.0722	0.1025							
514	1	10	1.250	6.28	89.99	1.4470	1.7753	0.0005	-0.0030	-0.0004	-29.3519	-4.4593
		11	0.1744	0.0504	0.0619	1.5830	1.7543	0.0200	-0.0019	-0.0039	0.4940	-0.9993
		12	0.1742	0.0551	0.0611							
514	2	10	1.250	6.27	78.69	1.4862	1.7632	0.0401	0.0131	0.0130	1.6391	1.6236
		11	0.1553	0.0461	0.0547	1.5053	1.7770	0.0274	0.0085	0.0069	1.5536	1.2556
		12	0.1863	0.0561	0.0662							

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key \longleftrightarrow

Run	Pt.	Cd																				
514	3	10	1.250	6.27	67.49	1.5620	1.7910	0.0817	0.0267	0.0274	1.6371	1.6782										
		11	0.1278	0.0399	0.0457	1.4537	1.7835	0.0326	0.0133	0.0092	2.0525	1.4144										
		12	0.1879	0.0546	0.0670																	
514	4	10	1.249	6.27	56.19	1.6893	1.8770	0.1202	0.0371	0.0417	1.5430	1.7340										
		11	0.0950	0.0314	0.0349	1.4752	1.7851	0.0465	0.0205	0.0145	2.2126	1.5666										
		12	0.1770	0.0522	0.0632																	
514	5	10	1.249	6.26	44.99	1.8932	2.0206	0.1530	0.0442	0.0535	1.4463	1.7503										
		11	0.0564	0.0213	0.0228	1.5575	1.7841	0.0751	0.0290	0.0253	1.9359	1.6878										
		12	0.1547	0.0482	0.0552																	
514	6	10	1.249	6.26	33.70	2.5727	2.3081	0.1783	0.0489	0.0628	1.3717	1.7603										
		11	0.0251	0.0129	0.0116	1.6532	1.7598	0.1109	0.0382	0.0384	1.7244	1.7319										
		12	0.1277	0.0422	0.0449																	
514	7	10	1.250	6.26	22.50	3.3838	3.4378	0.1927	0.0519	0.0677	1.3474	1.7583										
		11	0.0069	0.0046	0.0047	1.8104	1.7313	0.1462	0.0471	0.0501	1.6106	1.7152										
		12	0.0907	0.0328	0.0314																	
514	8	10	1.249	6.26	11.20	1.3482	0.0911	0.1944	0.0525	0.0592	1.3512	1.7504										
		11	0.0513	0.0192	0.0170	1.8770	1.6614	0.1730	0.0345	0.0592	1.5764	1.7110										
		12	-0.0513	-0.0192	-0.0170																	
515	1	10	1.249	3.12	11.20	2.5636	1.783	0.0907	0.0286	0.0304	1.5737	1.6783										
		11	0.1333	0.0068	0.0051	1.9929	1.5932	0.0803	0.0306	0.0259	1.9064	1.6170										
		12	-0.0290	0.0115	0.0092																	
515	2	10	1.249	3.12	22.50	0.4601	2.7225	0.0867	0.0282	0.0294	1.6232	1.6973										
		11	0.005	0.0029	0.0046	2.1054	1.6322	0.0719	0.0277	0.0229	1.9267	1.5961										
		12	0.0449	0.0189	0.0146																	
515	3	10	1.250	3.12	33.69	0.4601	2.7225	0.0816	0.0268	0.0274	1.6425	1.6834										
		11	0.0332	0.0012	0.0072	2.1188	1.6374	0.0613	0.0233	0.0189	1.9007	1.5439										
		12	0.0581	0.0246	0.0190																	
515	4	10	1.249	3.12	44.99	1.1441	2.2100	0.0714	0.0235	0.0236	1.6510	1.6884										
		11	0.0254	0.0058	0.0112	2.1245	1.6621	0.0516	0.0185	0.0153	1.7933	1.4883										
		12	0.0677	0.0287	0.0225																	
515	5	10	1.250	3.12	56.19	1.4261	1.9944	0.0570	0.0187	0.0190	1.6450	1.6733										
		11	0.0571	0.0106	0.0148	2.0748	1.6848	0.0399	0.0131	0.0114	1.6471	1.4533										
		12	0.0754	0.0313	0.0254																	

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

515	6	10	1.251	0.0154	0.0323	0.13	67.49	1.5945	1.9078	0.0388	0.0124	0.0128	1.5946	1.6462
		11	0.0485	0.0154	0.0264	0.0185	0.0185	2.0544	1.6808	0.0291	0.0084	0.0077	1.4547	1.3339
		12	0.0786	0.0323	0.0264	0.0264	0.0264							
515	7	10	1.251	0.0207	0.0322	0.13	78.69	1.7054	1.8454	0.0211	0.0056	0.0067	1.3364	1.5974
		11	0.0688	0.0207	0.0264	0.0264	0.0264	2.0525	1.6842	0.0207	0.0049	0.0043	1.1878	1.0438
		12	0.0784	0.0322	0.0264	0.0264	0.0264							
515	8	10	1.249	0.0240	0.0309	0.13	89.99	1.7789	1.8464	0.0030	-0.0022	0.0003	-3.7757	0.5748
		11	0.0674	0.0240	0.0251	0.0251	0.0251	2.0543	1.6686	0.0139	0.0014	0.0019	0.5106	0.7156
		12	0.0754	0.0309	0.0251	0.0251	0.0251							
516	1	10	1.249	0.0228	0.0124	0.02	89.99	3.2375	4.6163	0.0052	-0.0025	0.0011	-2.4518	1.0820
		11	0.0044	0.0228	0.0058	0.0058	0.0058	3.0904	1.4485	0.0107	0.0011	0.0007	0.9173	0.3611
		12	0.0201	0.0124	0.0058	0.0058	0.0058							
516	2	10	1.249	0.0006	0.0134	0.02	78.69	4.2474	19.8015	0.0106	0.0007	0.0031	0.3638	1.4772
		11	0.0007	0.0006	0.0066	0.0066	0.0066	3.0891	1.5182	0.0117	0.0024	0.0014	1.0315	0.6145
		12	0.0218	0.0134	0.0066	0.0066	0.0066							
516	3	10	1.249	0.0009	0.0136	0.02	67.49	1.9860	-4.9706	0.0164	0.0031	0.0052	0.9458	1.5995
		11	0.0224	0.0009	0.0070	0.0070	0.0070	3.0192	1.5645	0.0131	0.0031	0.0021	1.1949	0.7991
		12	0.0225	0.0136	0.0070	0.0070	0.0070							
516	4	10	1.249	0.0031	0.0135	0.02	56.19	2.8611	-1.2510	0.0225	0.0056	0.0074	1.2422	1.6436
		11	0.0254	0.0031	0.0070	0.0070	0.0070	2.9506	1.5402	0.0157	0.0050	0.0032	1.5920	1.0232
		12	0.0229	0.0135	0.0070	0.0070	0.0070							
516	5	10	1.249	0.0048	0.0129	0.02	44.99	3.1118	-0.5197	0.0267	0.0075	0.0088	1.4108	1.6608
		11	0.0277	0.0048	0.0070	0.0070	0.0070	2.8465	1.5518	0.0188	0.0070	0.0043	1.8715	1.1494
		12	0.0227	0.0129	0.0070	0.0070	0.0070							
516	6	10	1.249	0.0064	0.0115	0.00	33.69	3.5251	-0.2553	0.0292	0.0087	0.0097	1.4974	1.6749
		11	0.0216	0.0064	0.0067	0.0067	0.0067	2.6555	1.5488	0.0214	0.0087	0.0056	2.0514	1.3195
		12	0.0216	0.0115	0.0067	0.0067	0.0067							
516	7	10	1.249	0.0070	0.0097	0.01	22.49	3.2357	0.2507	0.0320	0.0098	0.0105	1.5372	1.5503
		11	0.0108	0.0070	0.0060	0.0060	0.0060	2.2780	1.4174	0.0245	0.0108	0.0067	2.2076	1.3788
		12	0.0213	0.0097	0.0060	0.0060	0.0060							
516	8	10	1.248	0.0067	0.0067	0.00	11.19	3.0863	0.5709	0.0317	0.0096	0.0107	1.5228	1.6847
		11	0.0126	0.0067	0.0044	0.0044	0.0044	2.0475	1.3617	0.0265	0.0122	0.0076	2.3004	1.4407
		12	0.0164	0.0067	0.0044	0.0044	0.0044							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

517	1	10	1.249	-0.0071	11.19	0.0031	5.0236	0.4683	0.0086	0.0010	0.0029	0.5890	1.7297
		11	-0.0118	0.0044	-0.0011	0.0031	1.8190	1.2927	0.0041	0.0034	0.0001	4.1500	0.1396
		12	0.0121	0.0044	0.0031								
517	2	10	1.249	-0.0077	22.49	0.0027	2.8532	0.6576	0.0043	0.0013	0.0028	0.7612	1.6656
		11	-0.0136	0.0053	-0.0017	0.0027	2.5241	1.2796	0.0043	0.0026	0.0001	3.0119	0.1296
		12	0.0105	0.0053	0.0027								
517	3	10	1.250	-0.0084	33.69	0.0020	2.5527	0.7451	0.0033	0.0014	0.0027	0.7911	1.4580
		11	-0.0164	0.0060	-0.0024	0.0020	3.5026	1.1744	0.0033	0.0017	-0.0005	2.5348	-0.8248
		12	0.0086	0.0060	0.0020								
517	4	10	1.250	-0.0086	44.99	0.0013	2.1160	0.8687	0.0030	0.0008	0.0025	0.5161	1.5589
		11	-0.0205	0.0058	-0.0035	0.0013	3.9571	1.0349	0.0030	0.0008	-0.0008	1.4297	-1.4849
		12	0.0048	0.0058	0.0013								
517	5	10	1.249	-0.0083	56.19	0.0002	1.8923	0.9388	0.0038	0.0006	0.0022	0.3858	1.3818
		11	-0.0219	0.0053	-0.0041	0.0002	14.7043	0.5986	0.0038	-0.0000	-0.0005	-0.0317	-0.7243
		12	0.0018	0.0053	0.0002								
517	6	10	1.250	-0.0079	67.49	0.0006	1.6955	0.9763	0.0056	0.0002	0.0018	0.1510	1.3287
		11	-0.0233	0.0053	-0.0045	0.0006	19.5038	-2.4581	0.0056	-0.0001	-0.0002	-0.1220	-0.1980
		12	0.0013	0.0053	0.0006								
517	7	10	1.249	-0.0068	78.69	0.0040	1.5885	0.9241	0.0060	0.0013	0.0014	-1.1198	1.2313
		11	-0.0216	0.0047	-0.0011	-32.0267	1.3787	7.5643	0.0067	0.0003	-0.0002	0.2364	-0.1665
		12	-0.0007	0.0047	-0.0011								
517	8	10	1.250	-0.0057	89.99	0.0036	1.3787	0.8800	0.0056	0.0024	0.0009	-2.1396	0.8160
		11	-0.0207	0.0039	-0.0015	-11.6999	1.6925	4.6040	0.0066	0.0011	0.0002	0.6660	0.1280
		12	-0.0016	0.0039	-0.0015								
518	1	10	1.249	-0.0316	89.99	0.0271	1.4262	1.5453	0.0057	0.0012	0.0005	-2.1791	0.5009
		11	-0.0909	0.0306	-0.0281	0.0271	1.6825	1.7176	0.0114	-0.0025	0.0005	-2.3640	0.4367
		12	-0.0790	0.0225	-0.0271								
518	2	10	1.249	-0.0317	78.69	0.0292	1.7010	1.5658	0.0054	0.0052	0.0025	4.8004	3.3189
		11	-0.0932	0.0317	-0.0292	0.0292	1.5978	1.7346	-0.0080	-0.0060	-0.0052	3.7383	3.2518
		12	-0.0714	0.0199	-0.0247								
518	3	10	1.249	-0.0317	67.49	0.0215	1.7126	1.5658	0.0162	0.0080	0.0062	2.4733	1.9413
		11	-0.0929	0.0318	-0.0291	0.0291	1.3607	1.6987	-0.0262	-0.0130	-0.0111	2.4793	2.1319
		12	-0.0633	0.0172	-0.0215								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key															
518	4	10	1.250	-0.0295	-0.0137	56.19	1.7469	1.5558	-0.0283	-0.0110	-0.0100	1.9424	1.7779				
	11	11	-0.0844	-0.0216	-0.0181	-0.0262	1.3053	1.7212	-0.0406	-0.0172	-0.0157	2.1206	1.9347				
	12	12	-0.0527	-0.0137	-0.0181	-0.0262	1.3053	1.7212	-0.0406	-0.0172	-0.0157	2.1206	1.9347				
518	5	10	1.250	-0.0264	-0.0096	44.99	1.8633	1.5368	-0.0402	-0.0144	-0.0139	1.8004	1.7369				
	11	11	-0.0709	-0.0264	-0.0141	-0.0218	1.2060	1.7619	-0.0552	-0.0214	-0.0201	1.9406	1.8218				
	12	12	-0.0400	-0.0096	-0.0141	-0.0218	1.2060	1.7619	-0.0552	-0.0214	-0.0201	1.9406	1.8218				
518	6	10	1.250	-0.0216	-0.0059	33.69	2.0205	1.5021	-0.0502	-0.0179	-0.0169	1.7855	1.6829				
	11	11	-0.0535	-0.0216	-0.0093	-0.0160	1.1245	1.7739	-0.0637	-0.0233	-0.0227	1.8318	1.7847				
	12	12	-0.0264	-0.0059	-0.0093	-0.0160	1.1245	1.7739	-0.0637	-0.0233	-0.0227	1.8318	1.7847				
518	7	10	1.249	-0.0156	-0.0017	22.49	2.2028	1.4009	-0.0600	-0.0215	-0.0197	1.7944	1.6470				
	11	11	-0.0355	-0.0156	-0.0046	-0.0099	0.7944	2.1866	-0.0696	-0.0246	-0.0245	1.7657	1.7612				
	12	12	-0.0107	-0.0017	-0.0046	-0.0099	0.7944	2.1866	-0.0696	-0.0246	-0.0245	1.7657	1.7612				
518	8	10	1.250	-0.0083	0.0010	11.19	2.5941	1.0805	-0.0672	-0.0245	-0.0219	1.8231	1.6326				
	11	11	-0.0159	-0.0083	-0.0034	-0.0034	2.9825	-1.5754	-0.0709	-0.0241	-0.0250	1.7027	1.7663				
	12	12	0.0017	0.0010	-0.0005	-0.0005	2.9825	-1.5754	-0.0709	-0.0241	-0.0250	1.7027	1.7663				
519	4	10	1.250	-0.0089	0.0005	11.19	3.4702	1.1799	-0.0671	-0.0242	-0.0245	1.8048	1.6416				
	11	11	-0.0180	-0.0089	-0.0042	-0.0042	-3.6234	3.4114	-0.0702	-0.0238	-0.0245	1.6946	1.7437				
	12	12	-0.0008	0.0005	-0.0005	-0.0005	-3.6234	3.4114	-0.0702	-0.0238	-0.0245	1.6946	1.7437				
519	5	10	1.249	-0.0168	-0.0022	22.49	2.1877	1.3767	-0.0611	-0.0213	-0.0200	1.7496	1.6403				
	11	11	-0.0386	-0.0168	-0.0049	-0.0106	0.8374	1.8271	-0.0687	-0.0241	-0.0243	1.7583	1.7713				
	12	12	-0.0134	-0.0022	-0.0049	-0.0049	0.8374	1.8271	-0.0687	-0.0241	-0.0243	1.7583	1.7713				
519	6	10	1.250	-0.0227	-0.0055	33.69	1.9638	1.4832	-0.0521	-0.0183	-0.0173	1.7534	1.6663				
	11	11	-0.0580	-0.0227	-0.0092	-0.0172	1.0573	1.7595	-0.0652	-0.0234	-0.0228	1.7980	1.7542				
	12	12	-0.0263	-0.0055	-0.0092	-0.0092	1.0573	1.7595	-0.0652	-0.0234	-0.0228	1.7980	1.7542				
519	7	10	1.249	-0.0275	-0.0094	44.99	1.8415	1.5232	-0.0422	-0.0148	-0.0142	1.7812	1.6898				
	11	11	-0.0747	-0.0275	-0.0139	-0.0227	1.1609	1.7167	-0.0551	-0.0209	-0.0198	1.8980	1.8018				
	12	12	-0.0406	-0.0094	-0.0139	-0.0139	1.1609	1.7167	-0.0551	-0.0209	-0.0198	1.8980	1.8018				
519	8	10	1.249	-0.0307	-0.0135	56.19	1.7381	1.5380	-0.0310	-0.0117	-0.0108	1.8880	1.7500				
	11	11	-0.0885	-0.0307	-0.0179	-0.0272	1.2823	1.7037	-0.0410	-0.0168	-0.0160	2.0571	1.9506				
	12	12	-0.0528	-0.0135	-0.0179	-0.0179	1.2823	1.7037	-0.0410	-0.0168	-0.0160	2.0571	1.9506				
519	9	10	1.249	-0.0330	-0.0118	67.49	1.6971	1.5467	-0.0192	-0.0084	-0.0066	2.1947	1.7828				
	11	11	-0.0973	-0.0330	-0.0301	-0.0301	1.6971	1.5467	-0.0192	-0.0084	-0.0066	2.1947	1.7828				

TABLE VIII
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
519	10	12	-0.0659	-0.0171	-0.0214	1.3437	1.6782	-0.0252	-0.0116	-0.0106	2.3062	2.1418						
	11		1.249	-3.17	78.69													
	12		-0.0998	-0.0334	-0.0310	1.6774	1.5547	-0.0086	-0.0062	-0.0035	3.6029	3.0555						
			-0.0720	-0.0200	-0.0242	1.3878	1.6822	-0.0084	-0.0051	-0.0052	3.0574	3.1083						
519	11	10	1.250	-3.18	89.99	1.6640	1.5361	0.0034	-0.0034	0.0002	-5.0168	0.3389						
	11		-0.0978	-0.0325	-0.0300	1.4088	1.6957	0.0101	0.0020	0.0008	1.0216	0.4378						
	12		-0.0778	-0.0219	-0.0264													
520	1	10	1.250	-0.01	11.19	2.4846	0.9095	0.0082	-0.0001	0.0030	-0.0056	1.8705						
	11		-0.0214	-0.0106	-0.0039	1.9591	1.3116	0.0024	0.0038	-0.0003	-7.7158	-0.6654						
	12		0.0115	0.0045	0.0030													
520	2	10	1.250	-0.01	22.49	2.4170	1.0009	0.0097	0.0006	0.0034	0.3121	1.7598						
	11		-0.0228	-0.0110	-0.0045	2.5330	1.3682	0.0008	0.0025	-0.0008	15.0783	-5.3298						
	12		0.0155	0.0054	0.0029													
520	3	10	1.249	-0.01	33.69	3.2474	1.0358	0.0098	0.0007	0.0030	0.3556	1.5560						
	11		-0.0358	-0.0116	-0.0053	3.6915	1.2472	0.0013	0.0020	-0.0008	7.6733	-1.5643						
	12		0.0085	0.0062	0.0021													
520	4	10	1.249	-0.00	44.99	2.0375	1.0966	0.0095	0.0003	0.0029	0.1700	1.5560						
	11		-0.0289	-0.0117	-0.0063	5.5983	1.2798	0.0007	0.0008	-0.0012	6.0501	-8.3072						
	12		0.0052	0.0058	0.0013													
520	5	10	1.250	0.01	56.19	1.8414	1.0948	0.0085	-0.0004	0.0026	-0.2518	1.5345						
	11		-0.0319	-0.0117	-0.0069	9.9045	1.1182	0.0025	0.0002	-0.0008	0.5582	-1.7355						
	12		0.0029	0.0058	0.0006													
520	6	10	1.250	0.00	67.49	1.7216	1.1106	0.0075	-0.0013	0.0019	-0.9128	1.2887						
	11		-0.0319	-0.0110	-0.0071	39.4009	-1.7265	0.0040	0.0002	-0.0007	0.3273	-0.9554						
	12		0.0006	0.0052	0.0002													
520	7	10	1.252	0.00	78.69	1.6334	1.1190	0.0066	-0.0017	0.0017	-1.3109	1.2856						
	11		-0.0321	-0.0105	-0.0072	53.2460	1.2476	0.0049	0.0006	-0.0006	0.6440	-0.6747						
	12		-0.0004	0.0048	-0.0006													
520	8	10	1.250	0.00	89.99	1.5521	1.0755	0.0065	-0.0033	0.0010	-2.5671	0.7827						
	11		-0.0293	-0.0090	-0.0063	14.1596	4.4529	0.0068	0.0011	-0.0000	0.8553	-0.0004						
	12		-0.0014	0.0042	-0.0013													
521	1	10	1.249	1.07	11.19													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
	11		-0.0288	-0.0149	-0.0073	-0.0059	2.4372	1.0245	0.0357	0.0091	0.0117	1.2765	1.6491					
	12		0.0187	0.0073	0.0052	0.0052	1.9630	1.4028	0.0245	0.0130	0.0073	2.6522	1.4920					
521	2	10	-1.250	1.09	22.49	22.49	2.4709	0.9401	0.0354	0.0091	0.0117	1.2861	1.6519					
	11		-0.0277	-0.0137	-0.0052	-0.0052	2.3381	1.5037	0.0225	0.0115	0.0063	2.5499	1.3980					
	12		0.0219	0.0102	0.0066	0.0066												
521	3	10	-1.249	1.09	33.69	33.69	2.3512	0.7844	0.0346	0.0084	0.0113	1.2215	1.6418					
	11		-0.0274	-0.0129	-0.0043	-0.0043	2.5498	1.5500	0.0187	0.0094	0.0049	2.5332	1.8300					
	12		0.0248	0.0126	0.0077	0.0077												
521	4	10	-1.250	1.09	44.99	44.99	2.2292	0.6335	0.0309	0.0068	0.0096	1.1094	1.5565					
	11		-0.0242	-0.0139	-0.0078	-0.0078	2.8034	1.5641	0.0159	0.0071	0.0035	2.2491	1.1107					
	12		0.0249	0.0139	0.0078	0.0078												
521	5	10	-1.252	1.10	56.19	56.19	2.0066	0.5454	0.0223	0.0053	0.0062	1.0082	1.5701					
	11		-0.0219	-0.0144	-0.0061	-0.0061	2.8111	1.5834	0.0127	0.0052	0.0023	2.0523	0.9108					
	12		0.0256	0.0144	0.0061	0.0061												
521	6	10	-1.250	1.10	67.49	67.49	1.8511	0.2871	0.0210	0.0030	0.0063	0.7146	1.5084					
	11		-0.0184	-0.0149	-0.0081	-0.0081	2.9025	1.5825	0.0109	0.0033	0.0014	1.5373	0.6854					
	12		0.0256	0.0149	0.0081	0.0081												
521	7	10	-1.249	1.10	78.69	78.69	1.6657	-0.1813	0.0132	0.0000	0.0037	0.0146	1.2321					
	11		-0.0137	-0.0147	0.0076	0.0076	2.9898	1.5454	0.0080	0.0019	0.0003	1.1856	0.2059					
	12		0.0246	0.0147	0.0076	0.0076												
521	8	10	-1.251	1.10	89.99	89.99	1.1570	-0.6678	0.0084	-0.0030	0.0013	-1.7857	0.0110					
	11		-0.0105	-0.0135	0.0070	0.0070	2.9845	1.5576	0.0064	0.0012	-0.0007	0.9571	-0.6081					
	12		0.0227	0.0135	0.0070	0.0070												
522	1	10	-1.250	3.16	11.20	11.20	2.2311	1.5364	0.0932	0.0265	0.0307	1.4241	1.6481					
	11		-0.0416	-0.0131	-0.0097	-0.0097	2.0630	1.5371	0.0781	0.0318	0.0247	2.0571	1.5884					
	12		0.0318	0.0131	0.0097	0.0097												
522	2	10	-1.249	3.15	22.50	22.50	2.5457	1.1552	0.0899	0.0270	0.0296	1.5052	1.6582					
	11		-0.0208	-0.0106	-0.0152	-0.0152	2.1694	1.6220	0.0711	0.0288	0.0222	2.0260	1.5632					
	12		0.0471	0.0204	0.0152	0.0152												
522	3	10	-1.249	3.16	33.70	33.70	78.6085	-49.3487	0.0838	0.0257	0.0273	1.5337	1.6333					
	11		-0.0002	-0.0046	0.0029	0.0029	2.1545	1.6543	0.0624	0.0249	0.0191	1.9984	1.5833					
	12		0.0610	0.0263	0.0202	0.0202												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																
522	4	10	1.250	5.16	44.99	0.4297	2.7625	0.0727	0.0222	0.0231	1.5283	1.5917							
		11	0.0142	0.0012	0.0078	2.1255	1.6767	0.0496	0.0190	0.0146	1.9202	1.4756							
		12	0.0709	0.0301	0.0237														
522	5	10	1.248	5.17	56.19	1.1799	2.2768	0.0580	0.0173	0.0182	1.4951	1.5713							
		11	0.0270	0.0063	0.0123	2.0903	1.6851	0.0392	0.0140	0.0109	1.7841	1.3987							
		12	0.0788	0.0329	0.0265														
522	6	10	1.249	5.17	67.49	1.4358	2.0576	0.0411	0.0111	0.0124	1.3552	1.5066							
		11	0.0391	0.0112	0.0161	2.0517	1.6944	0.0279	0.0088	0.0068	1.5861	1.2275							
		12	0.0819	0.0336	0.0277														
522	7	10	1.249	5.17	78.69	1.6170	1.9630	0.0226	0.0040	0.0062	0.8979	1.3850							
		11	0.0512	0.0165	0.0201	2.0563	1.6889	0.0187	0.0049	0.0032	1.3252	0.8570							
		12	0.0815	0.0335	0.0275														
522	11	10	1.248	5.15	89.99	1.7953	1.8168	0.0042	-0.0027	0.0009	-3.2795	1.0845							
		11	0.0598	0.0214	0.0217	2.0734	1.6611	0.0111	0.0015	0.0013	0.7068	0.5993							
		12	0.0763	0.0316	0.0253														
523	1	10	1.251	6.28	11.20	1.7783	1.1979	0.1957	0.0523	0.0681	1.3361	1.7405							
		11	0.0147	0.0052	0.0035	1.9314	1.6754	0.1769	0.0554	0.0605	1.5682	1.7110							
		12	0.0562	0.0217	0.0188														
523	2	10	1.250	6.27	22.50	11.1813	16.2298	0.1917	0.0510	0.0672	1.3317	1.7546							
		11	0.0006	0.0014	0.0021	1.7968	1.7368	0.1482	0.0479	0.0509	1.6167	1.7201							
		12	0.0967	0.0347	0.0336														
523	3	10	1.251	6.29	33.70	2.3618	2.3976	0.1785	0.0481	0.0623	1.3492	1.7463							
		11	0.0206	0.0097	0.0098	1.6430	1.7512	0.1145	0.0395	0.0396	1.7269	1.7329							
		12	0.1332	0.0437	0.0466														
523	4	10	1.251	6.29	45.00	1.8575	2.0022	0.1521	0.0430	0.0531	1.4142	1.7456							
		11	0.0510	0.0189	0.0204	1.5279	1.7836	0.0734	0.0297	0.0246	2.0234	1.6799							
		12	0.1626	0.0497	0.0580														
523	5	10	1.252	6.28	45.00	1.8426	1.9979	0.1511	0.0425	0.0527	1.4083	1.7461							
		11	0.0516	0.0190	0.0206	1.5236	1.7817	0.0734	0.0297	0.0245	2.0234	1.6721							
		12	0.1622	0.0494	0.0578														
523	6	10	1.250	6.29	56.19	1.6534	1.8680	0.1182	0.0355	0.0410	1.5046	1.7339							
		11	0.0883	0.0292	0.0329	1.4731	1.7869	0.0467	0.0213	0.0142	2.2830	1.5224							
		12	0.1812	0.0533	0.0647														

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
523	7	10	1.250	6.50	67.49	1.5390	1.7815	0.0792	0.0253	0.0269	1.5962	1.6987								
	11		0.1251	0.0385	0.0445	1.4542	1.7876	0.0351	0.0140	0.0089	2.1163	1.3554								
	12		0.1917	0.0557	0.0685															
523	8	10	1.249	6.31	78.69	1.4710	1.7569	0.0393	0.0118	0.0127	1.5125	1.6258								
	11		0.1529	0.0450	0.0537	1.5069	1.7684	0.0278	0.0086	0.0066	1.5473	1.1964								
	12		0.1895	0.0571	0.0670															
523	9	10	1.251	6.31	89.99	1.4416	1.7637	-0.0007	-0.0044	-0.0011	28.9468	7.4716								
	11		0.1718	0.0495	0.0606	1.5869	1.7484	0.0223	0.0023	0.0039	0.5209	0.8919								
	12		0.1783	0.0566	0.0623															
524	1	10	1.250	9.45	11.20	0.7033	1.1618	0.3174	0.0687	0.1128	1.0831	1.7774								
	11		0.0166	-0.0023	-0.0038	1.8003	1.7499	0.2823	0.0713	0.0983	1.2632	1.7414								
	12		0.0854	0.0307	0.0299															
524	2	10	1.250	9.46	22.51	0.0960	1.0718	0.3157	0.0661	0.1131	1.0472	1.7910								
	11		0.0179	-0.0003	-0.0038	1.5463	1.8142	0.2390	0.0651	0.0822	1.3620	1.7196								
	12		0.1518	0.0469	0.0550															
524	3	10	1.249	9.45	33.71	0.9537	-7.2197	0.2977	0.0615	0.1065	1.0344	1.7896								
	11		0.0015	-0.0002	0.0022	1.3278	1.8371	0.1824	0.0524	0.0628	1.4386	1.7217								
	12		0.2135	0.0567	0.0784															
524	4	10	1.250	9.46	45.00	1.3002	2.0500	0.2536	0.0566	0.0902	1.1174	1.7798								
	11		0.0799	0.0208	0.0328	1.1727	1.8412	0.1181	0.0342	0.0415	1.4505	1.7582								
	12		0.2675	0.0627	0.0985															
524	5	10	1.250	9.47	56.19	1.3703	1.8383	0.1983	0.0495	0.0705	1.2501	1.7793								
	11		0.1455	0.0398	0.0535	1.0846	1.8271	0.0433	0.0130	0.0137	1.5117	1.5845								
	12		0.3054	0.0662	0.1116															
524	6	10	1.252	9.46	67.49	1.3388	1.7783	0.1298	0.0365	0.0455	1.4073	1.7552								
	11		0.2048	0.0549	0.0728	1.0930	1.8130	0.0094	0.0088	0.0006	4.6657	0.3584								
	12		0.3208	0.0701	0.1163															
524	7	10	1.251	9.47	78.69	1.2226	1.7748	0.0613	0.0178	0.0208	1.4534	1.6961								
	11		0.2576	0.0630	0.0914	1.1557	1.8012	0.0178	0.0091	0.0029	2.5817	0.8189								
	12		0.3153	0.0728	0.1135															
524	8	10	1.252	9.46	89.99	1.1437	1.7853	-0.0039	-0.0062	-0.0026	7.8959	3.3508								
	11		0.2958	0.0676	0.1056	1.2517	1.7913	-0.0313	-0.0053	0.0072	0.8607	1.1500								
	12		0.2913	0.0729	0.1043															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
525	1	10	1.251	12.66	11.20	-0.0462	1.1151	0.4439	0.0803	0.1588	0.9050	1.7888									
		11	-0.0243	0.0002	-0.0054	1.5795	1.8213	0.3870	0.0801	0.1361	1.0349	1.7588									
		12	0.1157	0.0365	0.0421																
525	2	10	1.252	12.65	22.51	-0.2894	1.0514	0.4449	0.0766	0.1594	0.8611	1.7920									
		11	-0.0357	0.0020	-0.0075	1.2367	1.8530	0.3236	0.0728	0.1126	1.1257	1.7397									
		12	0.2160	0.0554	0.0800																
525	3	10	1.250	12.64	33.71	3.1487	3.1513	0.4168	0.0711	0.1504	0.8531	1.8042									
		11	0.0222	0.0140	0.0140	1.0692	1.8667	0.2551	0.0580	0.0894	1.1377	1.7537									
		12	0.3030	0.0648	0.1131																
525	4	10	1.251	12.65	45.00	1.3383	1.9800	0.3593	0.0656	0.1304	0.9138	1.8149									
		11	0.1282	0.0343	0.0507	0.9408	1.8558	0.1624	0.0402	0.0604	1.2384	1.8590									
		12	0.3757	0.0707	0.1394																
525	5	10	1.251	12.65	56.19	1.1937	1.8233	0.2857	0.0589	0.1037	1.0319	1.8152									
		11	0.2208	0.0527	0.0805	0.8911	1.8335	0.0548	0.0208	0.0225	1.9027	2.0608									
		12	0.4278	0.0762	0.1569																
525	6	10	1.251	12.66	67.48	1.1439	1.7886	0.1933	0.0456	0.0696	1.1801	1.8004									
		11	0.2950	0.0675	0.1055	0.8958	1.8265	-0.0156	0.0080	-0.0047	-2.5761	1.5149									
		12	0.4470	0.0800	0.1633																
525	7	10	1.251	12.67	78.69	1.0510	1.7861	0.0886	0.0240	0.0316	1.3531	1.7840									
		11	0.3632	0.0763	0.1297	0.9420	1.8145	-0.0045	0.0068	-0.0036	-7.6060	4.0503									
		12	0.4414	0.0831	0.1602																
525	8	10	1.250	12.67	89.99	0.9676	1.7974	-0.0053	-0.0081	-0.0030	7.5860	2.8563									
		11	0.4150	0.0803	0.1492	1.0172	1.8005	0.0290	0.0056	0.0068	0.9678	1.1832									
		12	0.4108	0.0835	0.1479																
526	3	10	1.248	-3.15	11.19	2.4226	1.1972	-0.0669	-0.0241	-0.0219	1.8061	1.6381									
		11	-0.0193	-0.0093	-0.0046	-4.0719	4.0836	-0.0725	-0.0246	-0.0248	1.6961	1.7173									
		12	-0.0011	0.0008	-0.0009																
526	4	10	1.250	-3.14	22.49	2.1747	1.4288	-0.0617	-0.0213	-0.0203	1.7315	1.6497									
		11	-0.0381	-0.0166	-0.0109	0.6744	1.8640	-0.0701	-0.0247	-0.0242	1.7658	1.7285									
		12	-0.0132	-0.0017	-0.0049																
526	5	10	1.249	-3.13	33.69	1.9928	1.4901	-0.0532	-0.0184	-0.0179	1.7296	1.6861									
		11	-0.0584	-0.0233	-0.0174																

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																			
		12	-0.0265	-0.00051	-0.00092	0.9676	1.7383	-0.0646	-0.0236	-0.0226	1.8273	1.7555								
526	6	10	1.248	-3.13	44.99															
		11	-0.0756	-0.0279	-0.0231	1.8490	1.5286	-0.0432	-0.0151	-0.0148	1.7547	1.7154								
		12	-0.0403	-0.0091	-0.0140	1.1320	1.7435	-0.0535	-0.0208	-0.0192	1.9535	1.8032								
526	7	10	1.250	-3.13	56.19															
		11	-0.0903	-0.0316	-0.0280	1.7492	1.5523	-0.0312	-0.0119	-0.0111	1.9158	1.7849								
		12	-0.0519	-0.0129	-0.0179	1.2457	1.7286	-0.0415	-0.0172	-0.0155	2.0808	1.8713								
526	8	10	1.250	-3.12	67.49															
		11	-0.0988	-0.0339	-0.0309	1.7188	1.5652	-0.0199	-0.0090	-0.0073	2.2639	2.0384								
		12	-0.0621	-0.0163	-0.0214	1.3132	1.7255	-0.0256	-0.0120	-0.0104	2.3420	2.0341								
526	9	10	1.251	-3.13	78.69															
		11	-0.1030	-0.0348	-0.0320	1.6916	1.5526	-0.0101	-0.0066	-0.0038	3.2852	1.9150								
		12	-0.0707	-0.0192	-0.0242	1.3590	1.7120	-0.0080	-0.0049	-0.0049	3.0571	3.0651								
526	10	10	1.251	-3.12	89.99															
		11	-0.1005	-0.0338	-0.0312	1.6815	1.5521	0.0023	-0.0043	-0.0002	-9.1894	-0.4726								
		12	-0.0767	-0.0215	-0.0263	1.4005	1.7155	0.0106	0.0022	0.0014	1.0509	0.6764								
527	1	10	1.250	-0.02	11.19															
		11	-0.0299	-0.0134	-0.0063	2.2522	1.0603	0.0089	-0.0041	0.0030	-0.6226	-1.7198								
		12	0.0130	0.0052	0.0032	2.0221	1.2475	0.0009	0.0041	-0.0004	22.4203	-2.3892								
527	2	10	1.251	-0.01	22.49															
		11	-0.0314	-0.0139	-0.0067	2.2167	1.0789	0.0096	-0.0005	0.0031	-0.2839	1.6576								
		12	0.0117	0.0060	0.0030	2.5790	1.2891	-0.0005	0.0029	-0.0011	-26.3404	10.0227								
527	3	10	1.249	-0.01	33.69															
		11	-0.0331	-0.0140	-0.0074	3.1184	1.1244	0.0090	-0.0002	0.0029	-0.1364	1.6298								
		12	0.0092	0.0070	0.0022	3.8094	1.2090	-0.0005	0.0016	-0.0013	-15.4733	12.3099								
527	4	10	1.250	-0.00	44.99															
		11	-0.0366	-0.0143	-0.0084	1.9530	1.1520	0.0091	-0.0008	0.0027	-0.4495	1.4900								
		12	0.0052	0.0068	0.0014	6.4913	1.3814	0.0013	0.0017	-0.0009	6.3689	-3.6583								
527	5	10	1.251	-0.00	56.19															
		11	-0.0391	-0.0143	-0.0090	1.8256	1.1615	0.0089	-0.0011	0.0026	-0.6188	1.4613								
		12	0.0026	0.0061	0.0006	11.5614	1.2428	0.0012	0.0005	-0.0013	-2.3268	-5.1716								
527	6	10	1.251	-0.00	67.49															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
527	7	11	-0.0398	-0.0159	-0.0093	1.7484	1.1699	0.0078	-0.0022	0.0020	-1.4240	1.3016	0.0019	0.0061	-0.0001	15.7660	-0.3026	0.0029	0.0003	-0.0006	0.6277	-1.1205
		12	1.251	0.00	78.69																	
527	8	10	-0.0398	-0.0133	-0.0091	1.6732	1.1530	0.0070	-0.0028	0.0018	-2.0594	1.2932	0.0001	0.0055	-0.0007	178.4639	-25.2979	0.0038	0.0010	-0.0009	1.3633	-1.3086
		12	1.251	0.00	89.99																	
528	1	10	-0.0375	-0.0119	-0.0086	1.5889	1.1503	0.0074	-0.0040	0.0014	-2.7153	0.9917	0.0004	0.0048	-0.0011	-58.0847	13.1870	0.0062	0.0017	-0.0005	1.4019	-0.4402
		12	1.252	0.00	11.19																	
528	2	10	-0.0396	-0.0180	-0.0097	2.2736	1.2301	0.0338	0.0068	0.0115	1.0050	1.7062	0.0183	0.0074	0.0052	2.0278	1.4299	0.0237	0.0136	0.0067	2.0682	1.4165
		12	1.251	0.00	22.49																	
528	3	10	-0.0391	-0.0177	-0.0089	2.2631	1.1453	0.0343	0.0072	0.0115	1.0582	1.6801	0.0220	0.0105	0.0065	2.3800	1.4892	0.0198	0.0116	0.0057	2.9532	1.4480
		12	1.250	0.00	33.69																	
528	4	10	-0.0243	-0.0128	-0.0074	2.1916	1.0771	0.0326	0.0065	0.0108	1.0010	1.6643	0.0243	0.0128	0.0074	2.6365	1.5319	0.0164	0.0094	0.0039	2.0870	1.2067
		12	1.250	0.00	44.99																	
528	5	10	-0.0382	-0.0159	-0.0076	2.0808	0.9971	0.0302	0.0052	0.0098	0.8651	1.6267	0.0238	0.0140	0.0073	2.9552	1.5416	0.0139	0.0071	0.0028	2.5815	1.0306
		12	1.252	0.00	56.19																	
528	6	10	-0.0390	-0.0150	-0.0076	1.9244	0.9733	0.0267	0.0035	0.0085	0.6672	1.6063	0.0241	0.0144	0.0076	2.9900	1.5890	0.0109	0.0055	0.0016	2.5282	0.7557
		12	1.251	0.00	67.49																	
528	7	10	-0.0363	-0.0146	-0.0074	1.8154	0.9114	0.0213	0.0011	0.0066	0.2761	1.5662	0.0242	0.0146	0.0074	3.0212	1.5381	0.0078	0.0035	0.0004	2.2309	0.2810
		12	1.254	0.00	78.69																	
528	8	10	-0.0339	-0.0111	-0.0054	1.6362	0.7943	0.0160	-0.0005	0.0044	-0.1712	1.3832	0.0236	0.0142	0.0070	3.0191	1.4919	0.0054	0.0026	-0.0007	2.4284	-0.7123
		12	1.253	0.00	89.99																	
528	8	10	-0.0300	-0.0088	-0.0039	1.4666	0.6612	0.0101	-0.0034	0.0022	-1.7061	1.1338	0.0214	0.0132	0.0062	3.0887	1.4709	0.0040	0.0021	-0.0013	2.6000	-1.6474
		12	1.253	0.00	89.99																	

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

529	1	10	1.253	3.13	11.20	2.1722	1.7027	0.0928	0.0236	0.0313	1.2750	1.6873
		11	-0.0668	-0.0290	-0.0227	2.0048	1.5321	0.0757	0.0328	0.0242	2.1660	1.6006
		12	0.0317	0.0127	0.0097							
529	2	10	1.251	3.13	22.50	2.2064	1.4744	0.0917	0.0246	0.0305	1.3459	1.6655
		11	-0.0500	-0.0220	-0.0147	2.1751	1.6113	0.0682	0.0299	0.0214	2.1964	1.5716
		12	0.0476	0.0207	0.0153							
529	3	10	1.251	3.14	33.70	3.1733	0.8355	0.0832	0.0235	0.0279	1.4128	1.6802
		11	-0.0215	-0.0136	-0.0035	2.1823	1.6468	0.0593	0.0260	0.0180	2.1909	1.5230
		12	0.0606	0.0264	0.0199							
529	4	10	1.251	3.15	44.99	38.1159	-22.6376	0.0726	0.0208	0.0236	1.4321	1.6262
		11	-0.0007	-0.0059	0.0035	2.1353	1.6710	0.0470	0.0200	0.0140	2.1349	1.4949
		12	0.0712	0.0304	0.0238							
529	5	10	1.251	3.15	56.19	0.1892	2.8979	0.0579	0.0161	0.0188	1.3895	1.6229
		11	0.0149	0.0005	0.0086	2.0966	1.6727	0.0366	0.0150	0.0101	2.0492	1.3864
		12	0.0782	0.0328	0.0261							
529	6	10	1.251	3.16	67.49	1.0785	2.2502	0.0402	0.0096	0.0129	1.1915	1.6071
		11	0.0297	0.0064	0.0134	2.0561	1.6607	0.0261	0.0102	0.0060	1.9533	1.1503
		12	0.0821	0.0337	0.0272							
529	7	10	1.251	3.16	78.69	1.4104	2.0300	0.0225	0.0034	0.0071	0.7768	1.5764
		11	0.0421	0.0118	0.0171	2.0716	1.6800	0.0164	0.0063	0.0027	1.9342	0.8452
		12	0.0801	0.0332	0.0269							
529	8	10	1.252	3.17	89.99	1.6748	1.9436	0.0038	-0.0038	0.0004	-5.0335	0.6060
		11	0.0497	0.0166	0.0193	2.0633	1.6657	0.0101	0.0026	0.0003	1.3182	0.1651
		12	0.0769	0.0317	0.0256							
530	1	10	1.251	6.30	11.20	2.0374	1.4763	0.1908	0.0505	0.0660	1.3251	1.7296
		11	-0.0273	-0.0111	-0.0080	1.9694	1.6564	0.1778	0.0559	0.0609	1.5716	1.7142
		12	0.0587	0.0231	0.0194							
530	2	10	1.251	6.30	22.50	1.3131	0.9784	0.1886	0.0497	0.0653	1.3195	1.7327
		11	-0.0136	-0.0035	-0.0026	1.8125	1.7322	0.1518	0.0490	0.0520	1.6141	1.7140
		12	0.0987	0.0357	0.0341							
530	3	10	1.251	6.30	33.70	2.5464	3.0546	0.1749	0.0469	0.0609	1.3426	1.7428
		11	0.0108	0.0055	0.0066	1.6624	1.7705	0.1144	0.0399	0.0395	1.7440	1.7275
		12	0.1335	0.0444	0.0473							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
530	4	10	1.250	6.51	45.00	1.7910	2.1381	0.1495	0.0418	0.0518	1.3981	1.7337	0.0436	0.0156	0.0584	1.5395	1.7912	0.0737	0.0304	0.0246	2.0637	1.6729
		11	0.1631	0.0502	0.0584																	
		12																				
530	5	10	1.251	6.32	56.19	1.6360	1.9034	0.1178	0.0348	0.0401	1.4801	1.7043	0.0809	0.0265	0.0657	1.4656	1.7941	0.0462	0.0225	0.0138	2.4432	1.5025
		11	0.1631	0.0536	0.0657																	
		12																				
530	6	10	1.250	6.34	67.49	1.5395	1.7947	0.0794	0.0244	0.0265	1.5388	1.6743	0.1173	0.0361	0.0689	1.4515	1.7842	0.0326	0.0151	0.0085	2.3149	1.3098
		11	0.1932	0.0560	0.0689																	
		12																				
530	7	10	1.251	6.34	78.69	1.4636	1.7766	0.0383	0.0110	0.0124	1.4362	1.6186	0.1451	0.0424	0.0674	1.5027	1.7758	0.0266	0.0093	0.0062	1.7449	1.1654
		11	0.1899	0.0570	0.0674																	
		12																				
530	11	10	1.252	6.28	89.99	1.4605	1.7683	-0.0007	-0.0039	-0.0009	25.9910	6.0197	0.1665	0.0486	0.0588	1.4605	1.7434	0.0194	0.0027	0.0037	0.7069	0.9688
		11	0.1774	0.0557	0.0618																	
		12																				
531	1	10	1.248	9.46	11.20	1.0001	1.2993	0.3116	0.0681	0.1113	1.0931	1.7870	-0.0180	-0.0036	-0.0046	1.0001	1.7379	0.2872	0.0721	0.1006	1.2556	1.7520
		11	0.0869	0.0316	0.0302																	
		12																				
531	2	10	1.249	9.46	22.51	0.2840	1.1325	0.3100	0.0656	0.1111	1.0593	1.7931	-0.0195	-0.0011	-0.0044	0.2840	1.8069	0.2417	0.0657	0.0839	1.3597	1.7356
		11	0.1544	0.0471	0.0558																	
		12																				
531	3	10	1.250	9.46	33.71	0.3243	-0.5999	0.2924	0.0613	0.1051	1.0492	1.7973	-0.0049	-0.0003	0.0005	0.3243	-1.8329	0.1888	0.0547	0.0654	1.4480	1.7320
		11	0.2152	0.0567	0.0789																	
		12																				
531	4	10	1.252	9.46	45.00	1.2611	2.0370	0.2522	0.0560	0.0906	1.1116	1.7963	0.0697	0.0175	0.0284	1.2611	1.8370	0.1208	0.0362	0.0429	1.5018	1.7780
		11	0.2678	0.0622	0.0984																	
		12																				
531	5	10	1.250	9.47	56.19	1.3592	1.8458	0.1969	0.0492	0.0705	1.2496	1.7918	0.1404	0.0381	0.0518	1.3592	1.8253	0.0464	0.0153	0.0156	1.6482	1.6814
		11	0.3054	0.0657	0.1115																	
		12																				
531	6	10	1.250	9.47	67.49	1.3367	1.7813	0.1288	0.0367	0.0452	1.4269	1.7830	0.2013	0.0538	0.0717	1.3367	1.8154	0.0085	0.0102	0.0010	6.0019	0.5876
		11	0.3201	0.0692	0.1162																	
		12																				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
531	7	10	1.251	9.48	78.69	1.2264	1.7802	0.0619	0.0185	0.0211	1.4992	1.7070								
			0.2538	0.0622	0.0903	1.1419	1.7980	0.0150	0.0098	0.0026	3.2799	0.0038								
			0.3158	0.0721	0.1135															
531	8	10	1.251	9.48	89.99	1.1540	1.7922	-0.0042	-0.0058	-0.0021	6.9597	2.5601								
			0.2899	0.0669	0.1039	1.2475	1.7910	0.0296	0.0063	0.0072	1.0699	1.2296								
			0.2901	0.0723	0.1039															
531	9	10	1.251	9.48	89.99	1.1471	1.7959	-0.0040	-0.0060	-0.0021	7.5417	2.6047								
			0.2921	0.0670	0.1042	1.2438	1.7872	0.0301	0.0061	0.0071	1.0218	1.1926								
			0.2916	0.0725	0.1042															
532	1	10	1.251	12.65	11.20	-0.0811	1.0473	0.4366	0.0800	0.1567	0.9169	1.7953								
			0.0199	0.0003	-0.0041	1.5517	1.8128	0.3891	0.0804	0.1373	1.0341	1.7650								
			-0.1200	0.0372	0.0435															
532	2	10	1.253	12.65	22.52	-0.4125	1.0651	0.4351	0.0757	0.1570	0.8703	1.8048								
			0.0341	0.0028	-0.0072	1.2304	1.8590	0.3262	0.0733	0.1142	1.1234	1.7504								
			-0.2186	0.0538	0.0812															
532	3	10	1.253	12.64	33.71	3.3871	3.2453	0.4095	0.0709	0.1484	0.8659	1.8129								
			0.0204	0.0138	0.0132	1.0466	1.8654	0.2556	0.0587	0.0901	1.1491	1.7625								
			0.3038	0.0636	0.1133															
532	4	10	1.252	12.64	45.00	1.3713	1.9927	0.3558	0.0652	0.1294	0.9174	1.8186								
			0.1226	0.0336	0.0488	0.9290	1.8536	0.1651	0.0416	0.0617	1.2596	1.8695								
			0.3766	0.0699	0.1396															
532	5	10	1.251	12.66	56.19	1.2117	1.8185	0.2828	0.0584	0.1032	1.0331	1.8247								
			0.2131	0.0516	0.0775	0.8875	1.8354	0.0605	0.0230	0.0249	1.9055	2.0621								
			0.4256	0.0755	0.1562															
532	6	10	1.250	12.64	67.48	1.1578	1.7780	0.1907	0.0454	0.0691	1.1922	1.8136								
			0.2920	0.0676	0.1038	0.8938	1.8234	-0.0166	0.0089	-0.0045	-2.6987	1.3655								
			0.4450	0.0795	0.1623															
532	7	10	1.250	12.66	78.69	1.0615	1.7867	0.0879	0.0239	0.0314	1.3625	1.7894								
			0.3605	0.0765	0.1288	0.9378	1.8163	-0.0070	0.0072	-0.0042	-5.1034	2.9855								
			0.4386	0.0822	0.1593															
532	8	10	1.251	12.65	89.99	0.9740	1.8009	-0.0045	-0.0078	-0.0027	8.6238	3.0223								
			0.4105	0.0799	0.1478															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
533	1	12	0.4075	0.0624	0.1468	1.0113	1.6012	0.0273	0.0064	0.0067	1.1757	1.2407								
	10	10	1.251	-3.15	11.18															
	11	11	-0.0199	-0.0101	-0.0050	2.5283	1.2562	-0.0658	-0.0235	-0.0222	1.7881	1.6913								
	12	12	-0.0004	0.0012	-0.0008	-13.5939	9.5682	-0.0707	-0.0240	-0.0248	1.6999	1.7541								
533	2	10	1.253	-3.15	22.49	2.2598	1.4505	-0.0596	-0.0204	-0.0204	1.7128	1.7105								
	11	11	-0.0399	-0.0150	-0.0116	0.5220	1.8985	-0.0684	-0.0238	-0.0242	1.7459	1.7728								
	12	12	-0.0117	-0.0012	-0.0044															
533	3	10	1.249	-3.14	33.69	2.0413	1.5133	-0.0528	-0.0173	-0.0183	1.6446	1.7371								
	11	11	-0.0607	-0.0248	-0.0184	0.8525	1.8133	-0.0629	-0.0230	-0.0227	1.8306	1.8052								
	12	12	-0.0249	-0.0042	-0.0090															
533	4	10	1.250	-3.12	44.99	1.8998	1.5573	-0.0435	-0.0143	-0.0157	1.6503	1.8081								
	11	11	-0.0790	-0.0300	-0.0246	1.0480	1.7767	-0.0531	-0.0203	-0.0196	1.9156	1.8468								
	12	12	-0.0383	-0.0080	-0.0136															
533	5	10	1.249	-3.11	56.19	1.7935	1.5745	-0.0338	-0.0117	-0.0124	1.7348	1.8373								
	11	11	-0.0941	-0.0337	-0.0296	1.1732	1.6903	-0.0381	-0.0162	-0.0152	2.1276	1.9930								
	12	12	-0.0504	-0.0118	-0.0170															
533	6	10	1.249	-3.11	67.49	1.7471	1.5753	-0.0218	-0.0092	-0.0086	2.1219	1.9899								
	11	11	-0.1041	-0.0364	-0.0328	1.2551	1.6954	-0.0228	-0.0111	-0.0102	2.4335	2.2479								
	12	12	-0.0603	-0.0151	-0.0204															
533	7	10	1.252	-3.12	78.69	1.7116	1.5859	-0.0111	-0.0071	-0.0052	3.2055	3.3645								
	11	11	-0.1071	-0.0366	-0.0339	1.3180	1.6880	-0.0058	-0.0034	-0.0046	2.9383	3.9758								
	12	12	-0.0691	-0.0182	-0.0233															
533	8	10	1.251	-3.12	89.99	1.6995	1.5755	-0.0010	-0.0058	-0.0016	27.9787	7.6275								
	11	11	-0.1072	-0.0364	-0.0337	1.3469	1.7125	0.0124	0.0035	0.0014	1.4438	0.5848								
	12	12	-0.0734	-0.0197	-0.0251															
534	1	10	1.252	-0.02	11.19	2.1896	1.2651	0.0084	-0.0024	0.0027	-1.4764	1.6485								
	11	11	-0.0318	-0.0139	-0.0080	2.1197	1.3256	0.0034	0.0052	0.0000	-7.6261	0.0092								
	12	12	0.0137	0.0058	0.0036															
534	2	10	1.249	-0.01	22.49	2.1580	1.2565	0.0079	-0.0020	0.0028	-1.3040	1.8031								
	11	11	-0.0341	-0.0147	-0.0085	2.9206	1.3192	0.0028	0.0040	-0.0003	-7.1874	-0.5904								
	12	12	-0.0124	0.0072	0.0032															
534	3	10	1.250	-0.00	33.69															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
534	4	10	-0.0361	-0.0153	-0.0091	2.1230	1.2600	0.0043	-0.0017	0.0027	-0.9109	1.4715							
		12	0.0110	0.0081	0.0027	3.6921	1.2273	0.0035	0.0035	-0.0005	4.9728	-0.7793							
534	5	10	1.250	0.00	44.99	2.0080	1.2992	0.0094	-0.0018	0.0026	-0.9523	1.3948							
		12	-0.0389	-0.0156	-0.0101	6.0691	1.2523	0.0026	0.0020	-0.0010	3.8784	-1.9242							
534	6	10	1.252	0.01	56.19	1.8258	1.2726	0.0091	-0.0024	0.0023	-1.3522	1.2553							
		12	-0.0428	-0.0156	-0.0109	7.9170	1.1902	0.0037	0.0019	-0.0010	2.5697	-1.3476							
534	7	10	1.250	0.01	67.49	1.7614	1.2821	0.0080	-0.0031	0.0018	-1.9416	1.1390							
		12	-0.0425	-0.0149	-0.0109	11.0487	0.6805	0.0049	0.0014	-0.0007	1.4243	-0.7875							
534	8	10	1.250	0.01	78.69	1.6856	1.2745	0.0073	-0.0040	0.0013	-2.8053	0.9470							
		12	-0.0418	-0.0141	-0.0106	22.6248	-1.5815	0.0065	0.0018	-0.0006	1.4414	-0.5148							
535	1	10	1.249	0.01	89.99	1.6063	1.2889	0.0069	-0.0055	0.0011	-3.9639	0.8246							
		12	-0.0400	-0.0128	-0.0103	36.4654	-69.3938	0.0083	0.0025	-0.0002	1.5092	-0.1335							
535	2	10	1.249	1.05	11.19	2.1367	1.3630	0.0320	0.0048	0.0109	0.7634	1.7004							
		12	-0.0462	-0.0197	-0.0126	2.2487	1.3600	0.0250	0.0150	0.0072	2.9999	1.4497							
535	3	10	1.249	1.06	22.49	2.1935	1.3184	0.0323	0.0053	0.0109	0.8313	1.6859							
		12	-0.0456	-0.0200	-0.0120	2.4686	1.4552	0.0229	0.0132	0.0063	2.8937	1.3911							
535	4	10	1.252	1.05	33.69	2.1561	1.2718	0.0319	0.0049	0.0105	0.7811	1.6509							
		12	-0.0463	-0.0199	-0.0117	2.7373	1.5580	0.0192	0.0110	0.0046	2.8653	1.2200							
535	5	10	1.250	1.05	44.99	2.0249	1.2663	0.0291	0.0035	0.0094	0.6154	1.6136							
		12	-0.0465	-0.0188	-0.0117	2.9316	1.5439	0.0149	0.0079	0.0031	2.6588	1.0483							
535	6	10	1.252	1.07	56.19	1.8874	1.2257	0.0260	0.0021	0.0082	0.4189	1.5837							
		12	-0.0470	-0.0177	-0.0115	2.9633	1.5440	0.0128	0.0068	0.0020	2.6569	0.7825							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key													
535	6	10	1.250	1.08	67.49	1.7531	1.1743	0.0218	-0.0000	0.0061	-0.0151	1.4151				
		11	-0.0476	-0.0167	-0.0111	3.0543	1.5746	0.0088	0.0048	0.0005	2.7512	0.3156				
		12	0.0261	0.0159	0.0082											
535	7	10	1.250	1.06	78.69	1.6567	1.1162	0.0156	-0.0027	0.0042	-0.8872	1.3580				
		11	-0.0420	-0.0139	-0.0093	3.1172	1.4997	0.0059	0.0034	-0.0008	2.8677	-0.7454				
		12	0.0243	0.0152	0.0073											
535	8	10	1.251	1.07	89.99	1.5001	1.0306	0.0103	-0.0051	0.0021	-2.5087	1.0527				
		11	-0.0361	-0.0108	-0.0074	3.0518	1.4690	0.0048	0.0028	-0.0015	2.9848	-1.6176				
		12	0.0233	0.0142	0.0068											
536	3	10	1.250	3.17	11.20	1.9847	1.7914	0.0910	0.0217	0.0306	1.1950	1.6811				
		11	-0.0779	-0.0309	-0.0279	2.2224	1.5771	0.0770	0.0349	0.0249	2.2689	1.6173				
		12	0.0330	0.0146	0.0104											
536	4	10	1.251	3.18	22.51	1.9477	1.7928	0.0933	0.0208	0.0313	1.1163	1.6813				
		11	-0.0966	-0.0384	-0.0353	2.2252	1.6531	0.0641	0.0314	0.0204	2.4536	1.5964				
		12	0.0490	0.0218	0.0162											
536	5	10	1.250	3.19	33.70	2.1015	1.5806	0.0885	0.0199	0.0294	1.1267	1.6625				
		11	-0.0737	-0.0310	-0.0233	2.2051	1.6517	0.0549	0.0272	0.0168	2.4826	1.5310				
		12	0.0626	0.0276	0.0206											
536	6	10	1.250	3.19	45.00	2.8318	0.9575	0.0768	0.0183	0.0257	1.1912	1.6778				
		11	-0.0313	-0.0177	-0.0060	2.1725	1.6989	0.0440	0.0215	0.0130	2.4512	1.4831				
		12	0.0717	0.0311	0.0243											
536	7	10	1.251	3.20	56.19	5.9919	-1.6661	0.0614	0.0145	0.0203	1.1824	1.6543				
		11	-0.0077	-0.0092	0.0025	2.1047	1.6990	0.0329	0.0165	0.0090	2.5132	1.3769				
		12	0.0788	0.0332	0.0268											
536	8	10	1.252	3.21	67.49	-1.2763	4.3760	0.0448	0.0097	0.0146	1.0832	1.6330				
		11	0.0095	-0.0024	0.0083	2.0555	1.7019	0.0226	0.0120	0.0052	2.6509	1.1482				
		12	0.0820	0.0337	0.0279											
536	9	10	1.252	3.21	78.69	0.8130	2.5430	0.0255	0.0026	0.0064	0.5230	1.6597				
		11	0.0255	0.0041	0.0129	2.0773	1.6917	0.0131	0.0076	0.0019	2.9013	0.7257				
		12	0.0807	0.0335	0.0273											
536	10	10	1.253	3.21	89.99	1.3155	2.0997	0.0084	-0.0034	0.0019	-2.0515	1.1683				
		11	0.0377	0.0099	0.0158	2.0365	1.6817	0.0049	-0.0034	-0.0008	-3.4667	-0.8985				
		12	0.0779	0.0317	0.0262											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																										
537	1	10	1.252	6.31	11.20	2.3105	1.7222	0.1863	0.0480	0.0649	0.0620	1.2904	1.7425															
		11	-0.0418	-0.0193	-0.0144	1.9850	1.6940	0.1796	0.0563	0.0649	0.0620	1.2904	1.7425															
		12	0.0618	0.0245	0.0209																							
537	2	10	1.252	6.31	22.50	1.8242	1.6118	0.1849	0.0477	0.0644	0.0516	1.2901	1.7430															
		11	-0.0296	-0.0108	-0.0095	1.7958	1.7415	0.1497	0.0497	0.0644	0.0516	1.2901	1.7430															
		12	0.1025	0.0368	0.0357																							
537	3	10	1.252	6.31	33.70	3.3703	-5.4946	0.1705	0.0445	0.0595	0.0402	1.3071	1.7462															
		11	-0.0018	-0.0012	0.0020	1.6398	1.7768	0.1161	0.0421	0.0595	0.0402	1.3071	1.7462															
		12	0.1379	0.0452	0.0490																							
537	4	10	1.252	6.34	45.00	1.4875	2.2269	0.1477	0.0402	0.0511	0.0248	1.3636	1.7315															
		11	0.0316	0.0094	0.0140	1.5176	1.7879	0.0732	0.0318	0.0511	0.0248	1.3636	1.7315															
		12	0.1663	0.0504	0.0594																							
537	5	10	1.251	6.33	56.19	1.5339	1.8852	0.1141	0.0330	0.0392	0.0139	1.4460	1.7191															
		11	0.0715	0.0219	0.0269	1.4577	1.7848	0.0461	0.0242	0.0392	0.0139	1.4460	1.7191															
		12	0.1851	0.0539	0.0660																							
537	6	10	1.252	6.34	67.49	1.5295	1.7729	0.0770	0.0234	0.0259	0.0086	1.5214	1.6831															
		11	0.1085	0.0332	0.0384	1.4357	1.7864	0.0324	0.0166	0.0259	0.0086	1.5214	1.6831															
		12	0.1936	0.0556	0.0692																							
537	7	10	1.253	6.35	78.69	1.4581	1.7619	0.0364	0.0106	0.0118	0.0063	1.4544	1.6304															
		11	0.1380	0.0402	0.0486	1.4894	1.7721	0.0265	0.0101	0.0118	0.0063	1.4544	1.6304															
		12	0.1907	0.0568	0.0676																							
537	8	10	1.251	6.34	89.99	1.4707	1.7620	-0.0005	-0.0048	-0.0010	0.0036	46.2966	9.6760															
		11	0.1590	0.0467	0.0560	1.5826	1.7507	0.0199	0.0030	-0.0010	0.0036	46.2966	9.6760															
		12	0.1762	0.0560	0.0617																							
538	1	10	1.253	9.49	11.20	1.9803	1.8031	0.3024	0.0661	0.1076	0.1034	1.0936	1.7800															
		11	-0.0161	-0.0063	-0.0058	1.7780	1.7743	0.2956	0.0726	0.1076	0.1034	1.0936	1.7800															
		12	0.0933	0.0331	0.0331																							
538	2	10	1.253	9.50	22.51	0.2651	1.5239	0.3011	0.0644	0.1075	0.0870	1.0697	1.7857															
		11	-0.0109	-0.0005	-0.0033	1.5053	1.8169	0.2514	0.0670	0.1075	0.0870	1.0697	1.7857															
		12	0.1603	0.0482	0.0582																							
538	3	10	1.252	9.49	33.71	0.5999	-0.8202	0.2838	0.0595	0.1023	0.0665	1.0484	1.8024															
		11	-0.0035	-0.0004	0.0005	1.2997	1.8320	0.1936	0.0556	0.1023	0.0665	1.0484	1.8024															
		12	0.2206	0.0573	0.0808																							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →														
538	4	10 11 12	1.249 0.0479 0.2699	9.50 0.0103 0.0629	45.01 0.0207 0.0993	1.0799 1.1658	2.1647 1.8399	0.2482 0.1244	0.0546 0.0389	0.0886 0.0441	1.1007 1.5673	1.7858 1.7758					
538	5	10 11 12	1.252 0.1274 0.3074	9.50 0.0329 0.0656	56.19 0.0478 0.1122	1.2922 1.0683	1.8763 1.8254	0.1914 0.0495	0.0475 0.0178	0.0678 0.0168	1.2411 1.7982	1.7731 1.6989					
538	6	10 11 12	1.251 0.1909 0.3217	9.50 0.0506 0.0693	67.49 0.0681 0.1167	1.3267 1.0783	1.7847 1.8141	0.1264 0.0105	0.0355 0.0115	0.0444 0.0014	1.4050 5.4400	1.7568 0.6865					
538	7	10 11 12	1.252 0.2450 0.3156	9.52 0.0603 0.0719	78.69 0.0867 0.1135	1.2311 1.1401	1.7693 1.7984	0.0599 0.0170	0.0171 0.0113	0.0204 0.0031	1.4331 3.3418	1.7085 0.9126					
538	8	10 11 12	1.252 0.2885 0.2906	9.52 0.0663 0.0719	89.99 0.1031 0.1043	1.1498 1.2373	1.7863 1.7945	-0.0048 0.0324	-0.0065 0.0075	-0.0022 0.0078	6.8131 1.1638	2.3706 1.2109					
539	1	10 11 12	1.251 -0.0087 0.1265	12.67 0.0003 0.0393	11.21 -0.0014 0.0462	-0.1804 1.5546	0.8146 1.8265	0.4226 0.3971	0.0788 0.0807	0.1520 0.1400	0.9322 1.0167	1.7990 1.7638					
539	2	10 11 12	1.251 -0.0139 0.2253	12.68 0.0073 0.0556	22.51 -0.0012 0.0836	-2.6316 1.2343	0.4432 1.8556	0.4275 0.3317	0.0752 0.0729	0.1543 0.1162	0.8800 1.0997	1.8049 1.7516					
539	3	10 11 12	1.252 0.0194 0.3096	12.67 0.0118 0.0643	33.72 0.0116 0.1153	3.0424 1.0384	2.9876 1.8629	0.4014 0.2605	0.0695 0.0596	0.1454 0.0914	0.8659 1.1457	1.8119 1.7552					
539	4	10 11 12	1.251 0.1091 0.3788	12.67 0.0301 0.0703	45.01 0.0437 0.1407	1.3807 0.9277	2.0058 1.8570	0.3488 0.1729	0.0637 0.0441	0.1267 0.0641	0.9136 1.2763	1.8167 1.8561					
539	5	10 11 12	1.252 0.2015 0.4268	12.67 0.0488 0.0753	56.19 0.0734 0.1568	1.2106 0.8823	1.8227 1.8370	0.2779 0.0690	0.0569 0.0264	0.1011 0.0284	1.0249 1.9162	1.8199 2.0588					
539	6	10 11 12	1.247 0.2836 0.4474	12.66 0.0662 0.0797	67.48 0.1008 0.1632	1.1684 0.8911	1.7780 1.8245	0.1854 -0.0144	0.0444 0.0106	0.0674 -0.0038	1.1988 -3.7026	1.8181 1.3186					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

539	7	10	1.252	12.67	78.69	1.0643	1.7799	0.0851	0.0227	0.0302	1.3364	1.7749
		11	0.3542	0.0753	0.1260	0.9330	1.6135	-0.0047	0.0093	-0.0034	-9.8952	3.6681
		12	0.4401	0.0821	0.1596							
539	8	10	1.253	12.68	90.00	0.9731	1.7882	-0.0073	-0.0085	-0.0036	5.8751	2.5141
		11	0.4094	0.0796	0.1464	1.0133	1.6015	0.0303	0.0082	0.0080	1.3554	1.3246
		12	0.4053	0.0821	0.1460							
540	3	10	0.899	-3.14	11.20	3.0260	0.6709	-0.0679	-0.0245	-0.0227	1.6042	1.6768
		11	-0.0033	-0.0020	-0.0004	0.7645	1.9028	-0.0647	-0.0232	-0.0227	1.7929	1.7583
		12	-0.0084	-0.0012	-0.0032							
540	4	10	0.897	-3.14	22.50	1.6059	1.5763	-0.0591	-0.0219	-0.0199	1.6534	1.6905
		11	-0.0222	-0.0071	-0.0070	1.0456	1.6094	-0.0612	-0.0221	-0.0217	1.6071	1.7749
		12	-0.0208	-0.0043	-0.0067							
540	5	10	0.899	-3.14	33.70	1.5036	1.5369	-0.0501	-0.0190	-0.0171	1.8968	1.7117
		11	-0.0401	-0.0120	-0.0123	1.2385	1.5630	-0.0551	-0.0203	-0.0202	1.8473	1.6313
		12	-0.0361	-0.0089	-0.0112							
540	6	10	0.900	-3.15	45.00	1.5317	1.5674	-0.0373	-0.0150	-0.0131	2.0163	1.7590
		11	-0.0565	-0.0173	-0.0177	1.3180	1.6880	-0.0460	-0.0176	-0.0173	1.9096	1.8062
		12	-0.0471	-0.0124	-0.0159							
540	7	10	0.899	-3.15	56.20	1.5586	1.5876	-0.0234	-0.0108	-0.0088	2.3170	1.6774
		11	-0.0701	-0.0218	-0.0222	1.3646	1.6159	-0.0362	-0.0150	-0.0146	2.0683	2.0140
		12	-0.0609	-0.0166	-0.0197							
540	8	10	0.899	-3.16	67.49	1.5499	1.6079	-0.0080	-0.0062	-0.0037	3.8694	2.3470
		11	-0.0770	-0.0238	-0.0247	1.3924	1.6475	-0.0204	-0.0103	-0.0094	2.5224	2.3092
		12	-0.0692	-0.0192	-0.0228							
540	9	10	0.898	-3.15	78.69	1.5304	1.6092	0.0051	-0.0027	0.0006	-2.6707	9.6172
		11	-0.0789	-0.0241	-0.0254	1.4167	1.6539	-0.0031	-0.0051	-0.0036	8.2628	5.9031
		12	-0.0769	-0.0218	-0.0254							
540	10	10	0.898	-3.16	89.99	1.5160	1.6400	0.0175	0.0005	0.0044	0.1470	1.2550
		11	-0.0732	-0.0221	-0.0240	1.4249	1.6596	0.0147	-0.0000	0.0018	-0.0260	0.6192
		12	-0.0812	-0.0231	-0.0269							
541	1	10	0.898	-0.04	11.19	1.5626	1.9251	0.0009	0.0003	0.0012	2.0147	6.7547
		11	0.0152	0.0047	0.0058							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	0.0006	0.0014	-0.0004	11.5551	-3.6029	0.0059	0.0025	0.0015	2.1286	1.2862
541	2	10	0.898	-0.04	22.49							
		11	0.0126	0.0048	0.0050	1.9369	2.0167	0.0010	0.0002	0.0015	1.1331	7.4952
		12	-0.0011	0.0018	-0.0007	-7.9470	3.2656	0.0070	0.0025	0.0012	1.8021	0.8720
541	3	10	0.899	-0.05	33.69							
		11	0.0086	0.0043	0.0038	2.5398	2.2465	0.0014	-0.0001	0.0010	-0.5516	3.7205
		12	-0.0047	0.0016	-0.0015	-1.7396	1.6222	0.0060	0.0017	0.0009	1.4403	0.7524
541	4	10	0.898	-0.06	44.99							
		11	0.0061	0.0043	0.0029	3.5530	2.3953	0.0050	0.0003	0.0020	0.3042	2.0043
		12	-0.0058	0.0020	-0.0019	-1.7694	1.7147	0.0079	0.0016	0.0009	1.0054	0.5744
541	5	10	0.898	-0.06	56.19							
		11	0.0032	0.0041	0.0020	6.2927	3.1040	0.0067	0.0000	0.0023	0.0138	1.7460
		12	-0.0081	0.0017	-0.0027	-1.0413	1.6909	0.0073	0.0005	0.0004	0.3876	0.3113
541	6	10	0.898	-0.06	67.49							
		11	0.0016	0.0039	0.0014	12.0748	4.2917	0.0085	-0.0001	0.0028	-0.0836	1.6423
		12	-0.0093	0.0018	-0.0029	-0.9852	1.5581	0.0079	-0.0003	0.0004	-0.2277	0.2872
541	7	10	0.897	-0.06	78.69							
		11	0.0031	0.0049	0.0015	7.7383	2.4788	0.0113	-0.0001	0.0031	-0.0812	1.3788
		12	-0.0076	0.0024	-0.0027	-1.6372	1.8204	0.0108	-0.0002	0.0010	-0.1275	0.4891
541	8	10	0.899	-0.06	89.99							
		11	0.0017	0.0044	0.0007	12.4703	2.2073	0.0146	-0.0003	0.0037	-0.1257	1.2871
		12	-0.0094	0.0019	-0.0035	-1.0550	1.8686	0.0133	-0.0004	0.0018	-0.1708	0.6813
542	1	10	0.899	1.00	11.19							
		11	0.0215	0.0071	0.0081	1.6508	1.8923	0.0258	0.0090	0.0097	1.7621	1.8810
		12	0.0052	0.0032	0.0012	3.0445	1.1655	0.0290	0.0106	0.0092	1.8226	1.5982
542	2	10	0.900	1.00	22.49							
		11	0.0203	0.0079	0.0080	1.9386	1.9625	0.0250	0.0084	0.0092	1.6821	1.8400
		12	0.0082	0.0052	0.0026	3.1852	1.5838	0.0262	0.0090	0.0077	1.7317	1.4794
542	3	10	0.895	1.00	33.69							
		11	0.0213	0.0091	0.0085	2.1348	1.9884	0.0240	0.0075	0.0087	1.5722	1.8290
		12	0.0093	0.0065	0.0030	3.5198	1.6518	0.0239	0.0078	0.0068	1.6433	1.4383
542	4	10	0.898	0.99	44.99							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
542	5	11	0.0203	0.0097	0.0083	2.4045	2.0511	0.0225	0.0062	0.0078	1.3826	1.7346						
		12	0.0114	0.0081	0.0058	5.5268	1.6750	0.0220	0.0063	0.0056	1.4313	1.2786						
542	6	10	0.898	0.99	56.19	3.6024	2.0682	0.0226	0.0051	0.0078	1.1464	1.7327						
		11	0.0198	0.0103	0.0081	3.9231	1.9724	0.0193	0.0046	0.0047	1.2051	1.2221						
542	7	10	0.899	0.99	67.49	2.7577	2.0718	0.0190	0.0032	0.0062	0.8523	1.6398						
		11	0.0193	0.0106	0.0080	3.8442	1.8008	0.0155	0.0023	0.0027	0.7649	0.6784						
542	8	10	0.899	0.99	78.69	2.7359	1.9229	0.0172	0.0016	0.0054	0.4922	1.5881						
		11	0.0216	0.0118	0.0083	3.7701	1.7464	0.0145	0.0010	0.0022	0.3770	0.7852						
543	1	10	0.899	0.99	89.99	2.7080	1.9034	0.0143	0.0004	0.0039	-0.1731	1.3615						
		11	0.0230	0.0125	0.0087	3.9895	1.7482	0.0140	-0.0000	0.0016	-0.0232	0.5953						
543	2	10	0.899	3.06	11.12	1.6674	1.8580	0.0828	0.0296	0.0286	1.7923	1.7277						
		11	0.0287	0.0096	0.0107	2.1430	1.6538	0.0764	0.0276	0.0251	1.8070	1.6428						
543	3	10	0.900	3.06	22.49	1.8892	1.7969	0.0821	0.0290	0.0278	1.7679	1.6945						
		11	0.0372	0.0129	0.0100	2.1304	1.6512	0.0701	0.0248	0.0225	1.7727	1.6052						
543	4	10	0.900	3.06	33.69	2.0172	1.8353	0.0748	0.0259	0.0259	1.7326	1.7310						
		11	0.0439	0.0184	0.0161	2.1524	1.7038	0.0612	0.0208	0.0194	1.6973	1.5856						
543	5	10	0.900	3.05	44.99	2.0692	1.7980	0.0660	0.0218	0.0227	1.6545	1.7290						
		11	0.0529	0.0231	0.0184	2.1983	1.7533	0.0505	0.0161	0.0153	1.6016	1.5171						
543	6	10	0.900	3.05	56.19	2.0909	1.8057	0.0560	0.0170	0.0187	1.5183	1.6714						
		11	0.0586	0.0268	0.0210	2.1965	1.7177	0.0405	0.0118	0.0116	1.4572	1.4419						
543		10	0.899	3.05	67.49	2.0904	1.8116	0.0432	0.0115	0.0140	1.3366	1.6250						
		11	0.0665	0.0290	0.0224	2.2193	1.7120	0.0293	0.0069	0.0074	1.1821	1.2661						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
543	7	10	0.901	0.0314	3.05	78.69	2.0688	1.7857	0.0304	0.0059	0.0098	0.9759	1.6105							
		11	0.0758	0.0296	0.0271	0.0229	2.2326	1.7318	0.0200	0.0028	0.0039	0.7000	0.9795							
		12	0.0663	0.0286	0.0220	0.0220	2.2484	1.7775	0.0151	-0.0002	0.0037	-0.0800	1.2393							
543	8	10	0.901	0.0322	3.06	89.99	2.0754	1.7775	0.0118	-0.0009	0.0009	-0.3958	0.5822							
		11	0.0775	0.0286	0.0220	0.0220	2.2484	1.7775	0.0118	-0.0009	0.0009	-0.3958	0.5822							
		12	0.0636	0.0286	0.0220	0.0220	2.2484	1.7775	0.0118	-0.0009	0.0009	-0.3958	0.5822							
544	1	10	0.899	0.0130	6.19	11.19	1.7543	2.0458	0.1921	0.0640	0.0682	1.6676	1.7752							
		11	0.0240	0.0130	0.0098	0.0121	1.8233	1.6968	0.1629	0.0572	0.0554	1.7558	1.7007							
		12	0.0357	0.0130	0.0121	0.0121	1.8233	1.6968	0.1629	0.0572	0.0554	1.7558	1.7007							
544	2	10	0.899	0.0163	6.18	22.49	2.0659	1.9853	0.1916	0.0631	0.0677	1.6475	1.7670							
		11	0.0394	0.0250	0.0239	0.0239	1.8219	1.7423	0.1392	0.0500	0.0473	1.7983	1.7006							
		12	0.0687	0.0250	0.0239	0.0239	1.8219	1.7423	0.1392	0.0500	0.0473	1.7983	1.7006							
544	3	10	0.900	0.0370	6.17	33.69	2.0542	1.9287	0.1719	0.0569	0.0603	1.6561	1.7543							
		11	0.0584	0.0370	0.0354	0.0354	1.8812	1.7986	0.1101	0.0392	0.0376	1.7814	1.7076							
		12	0.0984	0.0370	0.0354	0.0354	1.8812	1.7986	0.1101	0.0392	0.0376	1.7814	1.7076							
544	4	10	0.899	0.0478	6.17	44.99	2.0022	1.8450	0.1442	0.0481	0.0262	1.6704	1.7563							
		11	0.0864	0.0478	0.0458	0.0458	1.8832	1.8060	0.0768	0.0267	0.0262	1.7364	1.7063							
		12	0.1269	0.0478	0.0458	0.0458	1.8832	1.8060	0.0768	0.0267	0.0262	1.7364	1.7063							
544	5	10	0.900	0.0553	6.17	56.19	1.9874	1.7864	0.1163	0.0371	0.0173	1.5972	1.7135							
		11	0.1135	0.0553	0.0541	0.0541	1.8526	1.8102	0.0524	0.0173	0.0171	1.6580	1.6324							
		12	0.1494	0.0553	0.0541	0.0541	1.8526	1.8102	0.0524	0.0173	0.0171	1.6580	1.6324							
544	6	10	0.899	0.0603	6.17	67.49	1.9213	1.7520	0.0854	0.0249	0.0103	1.4586	1.6963							
		11	0.1403	0.0603	0.0596	0.0596	1.8332	1.8113	0.0349	0.0103	0.0100	1.4799	1.4350							
		12	0.1647	0.0603	0.0596	0.0596	1.8332	1.8113	0.0349	0.0103	0.0100	1.4799	1.4350							
544	7	10	0.902	0.0625	6.18	78.69	1.8283	1.7529	0.0515	0.0124	0.0058	1.2045	1.6439							
		11	0.1658	0.0625	0.0609	0.0609	1.8541	1.8068	0.0254	0.0050	0.0058	0.9897	1.1570							
		12	0.1687	0.0625	0.0609	0.0609	1.8541	1.8068	0.0254	0.0050	0.0058	0.9897	1.1570							
544	8	10	0.900	0.0637	6.18	89.99	1.7730	1.7640	0.0127	-0.0009	0.0034	-0.3900	1.3413							
		11	0.1797	0.0637	0.0634	0.0634	1.8096	1.7781	0.0150	-0.0001	0.0019	-0.0585	0.6525							
		12	0.1614	0.0637	0.0634	0.0634	1.8096	1.7781	0.0150	-0.0001	0.0019	-0.0585	0.6525							
545	1	10	0.899	0.0181	9.33	11.20	0.9143	0.6760	0.3351	0.0963	0.1208	1.4376	1.8025							
		11	0.0055	0.0181	0.007	0.007	1.6630	1.7680	0.2700	0.0845	0.0951	1.5665	1.7612							
		12	0.0545	0.0181	0.0193	0.0193	1.6630	1.7680	0.2700	0.0845	0.0951	1.5665	1.7612							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.		Cd	See Key												
545	2	10	-0.0899	9.31	-0.0059	22.50	2.4331	1.6817	0.3261	0.0932	0.1188	1.4292	1.8216		
		11	-0.0122	0.0059	-0.0041	0.0393	1.7096	1.8214	0.2225	0.0699	0.0771	1.5717	1.7325		
		12	0.1081	0.0369											
545	3	10	0.900	9.30	0.0191	33.69	1.3570	1.9821	0.2917	0.0854	0.1059	1.4647	1.8164		
		11	0.0704	0.0560	0.0279	0.0593	1.7420	1.8441	0.1767	0.0522	0.0612	1.4774	1.7323		
		12	0.1608	0.0560											
545	4	10	0.899	9.30	0.0419	44.99	1.5261	1.8276	0.2367	0.0720	0.0849	1.5216	1.7943		
		11	0.1375	0.0715	0.0502	0.0813	1.6347	1.8575	0.1113	0.0300	0.0393	1.3509	1.7666		
		12	0.2188	0.0715											
545	5	10	0.900	9.30	0.0604	56.19	1.6268	1.7589	0.1781	0.0563	0.0630	1.5814	1.7689		
		11	0.1858	0.0835	0.0653	0.0997	1.5652	1.8687	0.0262	0.0031	0.0069	0.6058	1.3253		
		12	0.2667	0.0835											
545	6	10	0.900	9.32	0.0772	67.49	1.6360	1.7616	0.1248	0.0369	0.0444	1.4785	1.7799		
		11	0.2359	0.0898	0.0831	0.1088	1.5330	1.8578	0.0158	0.0023	0.0025	0.7479	0.8109		
		12	0.2930	0.0898											
545	7	10	0.901	9.31	0.0878	78.69	1.5834	1.7746	0.0713	0.0179	0.0243	1.2580	1.7066		
		11	0.2772	0.0929	0.1110	0.1110	1.5402	1.8390	0.0164	0.0020	0.0027	0.6379	0.8270		
		12	0.3019	0.0929											
545	8	10	0.901	9.32	0.0948	89.99	1.5294	1.7832	0.0129	-0.0008	0.0032	-0.3333	1.2589		
		11	0.3102	0.0915	0.1106	0.1039	1.6023	1.8188	0.0177	0.0014	0.0027	0.4019	0.7636		
		12	0.2856	0.0915											
547	1	10	0.901	12.43	0.0002	11.21	-0.2403	0.7639	0.4160	0.0630	0.1483	0.7580	1.7822		
		11	-0.0058	0.0242	-0.0008	0.0292	1.5024	1.8149	0.3923	0.0870	0.1385	1.1097	1.7659		
		12	0.0805	0.0242											
547	2	10	0.900	12.42	0.0110	22.50	2.3617	2.4554	0.4125	0.0635	0.1492	0.7698	1.8089		
		11	0.0234	0.0501	0.0115	0.0591	1.5694	1.8508	0.3317	0.0860	0.1157	1.2970	1.7450		
		12	0.1596	0.0501											
547	3	10	0.900	12.41	0.0359	33.70	1.8165	2.0265	0.4086	0.0685	0.1491	0.8385	1.8252		
		11	0.0989	0.0738	0.0400	0.0867	1.5944	1.8727	0.2669	0.0762	0.0934	1.4279	1.7512		
		12	0.2317	0.0738											
547	4	10	0.900	12.41	0.0617	44.99	1.6069	1.8302	0.3474	0.0686	0.1269	0.9886	1.8275		
		11	0.1920	0.0839	0.0702	0.1208	1.3073	1.8821	0.1736	0.0499	0.0628	1.4371	1.8083		
		12	0.3210	0.0839											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
547	5	10	0.901	12.40	56.19	1.3865	1.7573	0.2484	0.0734	0.0908	1.4771	1.6284								
		11	0.2744	0.0760	0.0964	0.9036	1.8650	0.0720	0.0238	0.0275	1.6571	1.9087								
		12	0.3891	0.0703	0.1451	0.9036	1.8650	0.0720	0.0238	0.0275	1.6571	1.9087								
547	6	10	0.901	12.41	67.48	1.2541	1.7582	0.1736	0.0497	0.0627	1.4311	1.8060								
		11	0.3415	0.0856	0.1201	0.8394	1.8528	0.0230	0.0093	0.0067	2.0230	1.4734								
		12	0.4047	0.0679	0.1500	0.8394	1.8528	0.0230	0.0093	0.0067	2.0230	1.4734								
547	7	10	0.900	12.42	78.69	1.0576	1.7653	0.0921	0.0231	0.0327	1.2560	1.7794								
		11	0.3959	0.0837	0.1397	0.8328	1.8160	0.0220	0.0048	0.0045	1.1022	1.0291								
		12	0.4007	0.0667	0.1455	0.8328	1.8160	0.0220	0.0048	0.0045	1.1022	1.0291								
547	8	10	0.900	12.42	90.00	0.8444	1.7727	0.0105	-0.0014	0.0023	-0.7003	1.1039								
		11	0.4069	0.0687	0.1442	0.9043	1.7983	0.0218	0.0013	0.0045	0.3061	1.0384								
		12	0.4017	0.0726	0.1444	0.9043	1.7983	0.0218	0.0013	0.0045	0.3061	1.0384								
548	1	10	0.900	-3.14	11.19	2.3406	0.9876	-0.0701	-0.0254	-0.0232	1.8153	1.6534								
		11	-0.0076	-0.0035	-0.0015	0.8526	1.8017	-0.0672	-0.0239	-0.0231	1.7781	1.7231								
		12	-0.0097	-0.0016	-0.0035	0.8526	1.8017	-0.0672	-0.0239	-0.0231	1.7781	1.7231								
548	2	10	0.901	-3.14	22.49	1.7002	1.4922	-0.0604	-0.0223	-0.0200	1.8477	1.6604								
		11	-0.0285	-0.0096	-0.0085	1.0301	1.5417	-0.0661	-0.0236	-0.0230	1.7893	1.7406								
		12	-0.0217	-0.0044	-0.0067	1.0301	1.5417	-0.0661	-0.0236	-0.0230	1.7893	1.7406								
548	3	10	0.902	-3.14	33.69	1.6514	1.5162	-0.0505	-0.0190	-0.0169	1.8878	1.6772								
		11	-0.0465	-0.0153	-0.0141	1.2463	1.6148	-0.0585	-0.0214	-0.0207	1.8293	1.7699								
		12	-0.0367	-0.0091	-0.0118	1.2463	1.6148	-0.0585	-0.0214	-0.0207	1.8293	1.7699								
548	4	10	0.901	-3.14	44.99	1.6389	1.5539	-0.0384	-0.0153	-0.0132	1.9954	1.7188								
		11	-0.0635	-0.0208	-0.0197	1.3181	1.6862	-0.0491	-0.0186	-0.0180	1.8973	1.8381								
		12	-0.0487	-0.0128	-0.0164	1.3181	1.6862	-0.0491	-0.0186	-0.0180	1.8973	1.8381								
548	5	10	0.901	-3.14	56.19	1.6300	1.5700	-0.0236	-0.0110	-0.0087	2.3294	1.8436								
		11	-0.0773	-0.0252	-0.0243	1.3744	1.6307	-0.0362	-0.0148	-0.0142	2.0481	1.9733								
		12	-0.0625	-0.0171	-0.0203	1.3744	1.6307	-0.0362	-0.0148	-0.0142	2.0481	1.9733								
548	6	10	0.900	-3.14	67.49	1.6205	1.5892	-0.0091	-0.0066	-0.0038	3.6424	2.1267								
		11	-0.0851	-0.0276	-0.0270	1.3953	1.6645	-0.0211	-0.0103	-0.0096	2.4437	2.2840								
		12	-0.0704	-0.0196	-0.0234	1.3953	1.6645	-0.0211	-0.0103	-0.0096	2.4437	2.2840								
548	7	10	0.901	-3.14	78.69	1.6026	1.6114	0.0046	-0.0029	0.0004	-3.1868	9.5056								
		11	-0.0876	-0.0280	-0.0282	1.4166	1.6745	-0.0058	-0.0059	-0.0043	-5.0416	3.7172								
		12	-0.0758	-0.0214	-0.0253	1.4166	1.6745	-0.0058	-0.0059	-0.0043	-5.0416	3.7172								

See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

↔ See Key ↔

548	0	10	0.900	-3.13	89.99	1.5775	1.5950	0.0161	0.0000	0.0036	0.0015	0.0015	1.2022
		11	-0.0861	-0.0271	-0.0274	1.4372	1.6852	0.0126	-0.0005	0.0000	0.0015	-0.2236	0.5913
		12	-0.0807	-0.0232	-0.0272								
549	1	10	0.898	-0.03	11.19	0.9032	2.5828	0.0018	0.0004	0.0013	0.0018	1.3422	3.8435
		11	0.0059	0.0010	0.0030	5.3906	-0.0031	0.0071	0.0028	0.0000	0.0000	1.9976	1.2623
		12	0.0018	0.0019	-0.0000								
549	2	10	0.899	-0.03	22.49	1.6177	5.6769	0.0030	0.0005	0.0015	0.0018	0.9806	2.5350
		11	0.0021	0.0006	0.0024	19.4334	-81.7356	0.0078	0.0028	0.0000	0.0000	1.8177	1.1515
		12	0.0000	0.0023	-0.0004								
549	3	10	0.900	-0.03	33.69	-1.2495	-3.5487	0.0044	0.0005	0.0017	0.0010	0.6532	1.9236
		11	-0.0017	0.0004	0.0012	-2.9920	1.0705	0.0067	0.0019	0.0000	0.0000	1.4620	0.7795
		12	-0.0035	0.0021	-0.0007								
549	4	10	0.899	-0.03	44.99	0.0763	0.2415	0.0057	0.0002	0.0018	0.0010	0.2598	1.6242
		11	-0.0057	-0.0000	-0.0002	-2.2610	1.3577	0.0078	0.0015	0.0000	0.0000	1.0041	0.6711
		12	-0.0050	0.0022	-0.0013								
549	5	10	0.899	-0.03	56.19	0.1296	0.6148	0.0082	0.0001	0.0021	0.0007	0.0778	1.3135
		11	-0.0083	-0.0002	-0.0010	-1.9684	1.5997	0.0077	0.0006	0.0000	0.0000	0.4354	0.4038
		12	-0.0061	0.0024	-0.0019								
549	6	10	0.900	-0.03	67.49	0.2738	0.8724	0.0108	0.0002	0.0029	0.0005	0.0999	1.3569
		11	-0.0111	-0.0006	-0.0019	-1.7834	1.6638	0.0080	0.0000	0.0000	0.0000	0.0166	0.3706
		12	-0.0068	0.0024	-0.0022								
549	7	10	0.900	-0.03	78.69	0.2092	0.9664	0.0133	0.0000	0.0037	0.0008	0.0166	1.3919
		11	-0.0115	-0.0004	-0.0022	-2.1575	1.7367	0.0109	-0.0001	0.0000	0.0000	-0.0647	0.4105
		12	-0.0065	0.0028	-0.0022								
549	8	10	0.901	-0.03	89.99	0.0971	0.9062	0.0160	-0.0002	0.0036	-0.0014	-0.0797	1.2082
		11	-0.0115	-0.0002	-0.0020	-1.7610	1.6594	0.0132	-0.0004	0.0000	0.0000	-0.1674	0.5665
		12	-0.0073	0.0025	-0.0024								
550	1	10	0.900	1.01	11.19	1.1697	2.3084	0.0256	0.0068	0.0093	0.0000	1.7157	1.8249
		11	0.0096	0.0022	0.0044	2.8788	1.4825	0.0287	0.0104	0.0089	0.0000	1.8139	1.5561
		12	0.0062	0.0035	0.0018								
550	2	10	0.899	1.01	22.49	1.7214	2.5521	0.0261	0.0084	0.0092	0.0000	1.6119	1.7663
		11	0.0096	0.0033	0.0049								

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																									
550	3	12	0.0086	0.0052	0.0026	3.0530	1.5190	0.0274	0.0096	0.0083	1.7486	1.5277															
			0.899	1.01	33.69																						
			0.0102	0.0045	0.0054	2.2094	2.6410	0.0260	0.0079	0.0089	1.5199	1.7160															
			0.0104	0.0070	0.0036	3.3679	1.7624	0.0253	0.0083	0.0074	1.6424	1.4727															
550	4	10	0.900	1.00	44.99																						
			0.0095	0.0052	0.0055	2.7095	2.9057	0.0226	0.0058	0.0078	1.2913	1.7305															
			0.0116	0.0082	0.0043	3.5239	1.8478	0.0207	0.0059	0.0054	1.4325	1.3239															
550	5	10	0.899	1.00	56.19																						
			0.0089	0.0058	0.0052	3.2797	2.9521	0.0212	0.0045	0.0067	1.0710	1.5861															
			0.0132	0.0093	0.0047	3.5504	1.8061	0.0181	0.0041	0.0041	1.1458	1.1325															
550	6	10	0.899	1.00	67.49																						
			0.0108	0.0070	0.0058	3.2340	2.7055	0.0204	0.0033	0.0061	0.8276	1.4991															
			0.0141	0.0101	0.0050	3.5950	1.7981	0.0155	0.0023	0.0030	0.7633	0.9774															
550	7	10	0.898	1.00	78.69																						
			0.0131	0.0082	0.0063	3.1159	2.4084	0.0199	0.0021	0.0054	0.5518	1.3798															
			0.0147	0.0105	0.0050	3.5696	1.7194	0.0145	0.0010	0.0024	0.3759	0.8383															
550	8	10	0.900	1.00	89.99																						
			0.0130	0.0083	0.0063	3.1983	2.4333	0.0162	-0.0002	0.0037	-0.0793	1.1593															
			0.0149	0.0106	0.0049	3.5600	1.6418	0.0126	-0.0006	0.0013	-0.2767	0.5406															
551	1	10	0.899	3.07	11.19																						
			0.0145	0.0037	0.0061	1.2775	2.1209	0.0850	0.0301	0.0288	1.7710	1.6955															
			0.0184	0.0076	0.0058	2.0594	1.5873	0.0786	0.0285	0.0260	1.8134	1.6563															
551	2	10	0.898	3.07	22.49																						
			0.0234	0.0080	0.0094	1.7179	2.0041	0.0813	0.0284	0.0274	1.7512	1.6875															
			0.0327	0.0139	0.0109	2.1315	1.6738	0.0734	0.0261	0.0236	1.7827	1.6098															
551	3	10	0.899	3.07	33.69																						
			0.0316	0.0119	0.0121	1.8918	1.9189	0.0745	0.0252	0.0250	1.6929	1.6806															
			0.0446	0.0191	0.0154	2.1393	1.7245	0.0617	0.0210	0.0194	1.7019	1.5801															
551	4	10	0.899	3.06	44.99																						
			0.0390	0.0157	0.0147	2.0243	1.8933	0.0672	0.0216	0.0223	1.6096	1.6646															
			0.0542	0.0236	0.0187	2.1825	1.7319	0.0535	0.0173	0.0164	1.6195	1.5345															
551	5	10	0.899	3.07	56.19																						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
551	6	11	0.0472	0.0194	0.0175	2.0632	1.8588	0.0562	0.0166	0.0184	1.4812	1.6416							
		12	0.0627	0.0276	0.0218	2.1986	1.7416	0.0408	0.0119	0.0118	1.4652	1.4534							
551	6	10	0.899	3.08	67.49														
		11	0.0563	0.0232	0.0204	2.0679	1.8181	0.0432	0.0110	0.0134	1.2801	1.5574							
		12	0.0670	0.0297	0.0232	2.2208	1.7345	0.0315	0.0075	0.0080	1.2023	1.2794							
551	7	10	0.900	3.07	78.69														
		11	0.0655	0.0267	0.0235	2.0430	1.7931	0.0315	0.0056	0.0098	0.9019	1.5613							
		12	0.0690	0.0305	0.0239	2.2156	1.7363	0.0214	0.0031	0.0045	0.7423	1.0621							
551	8	10	0.900	3.07	89.99														
		11	0.0705	0.0287	0.0254	2.0380	1.8076	0.0146	0.0007	0.0035	-0.2604	1.2285							
		12	0.0674	0.0298	0.0230	2.2114	1.7082	0.0122	-0.0006	0.0015	-0.2850	0.6185							
552	1	10	0.899	6.19	11.19														
		11	0.0149	0.0146	0.0066	1.5471	2.2095	0.1898	0.0630	0.0662	1.6598	1.7453							
		12	0.0376	0.0135	0.0129	1.7986	1.7154	0.1657	0.0580	0.0567	1.7502	1.7108							
552	2	10	0.900	6.19	22.49														
		11	0.0299	0.0111	0.0119	1.8659	1.9987	0.1850	0.0607	0.0649	1.6426	1.7551							
		12	0.0730	0.0265	0.0256	1.8197	1.7578	0.1413	0.0508	0.0483	1.8001	1.7098							
552	3	10	0.899	6.18	33.70														
		11	0.0493	0.0193	0.0189	1.9577	1.5143	0.1663	0.0549	0.0587	1.6513	1.7659							
		12	0.1039	0.0390	0.0370	1.8777	1.7824	0.1137	0.0407	0.0389	1.7899	1.7113							
552	4	10	0.899	6.18	44.99														
		11	0.0750	0.0287	0.0276	1.9153	1.8408	0.1405	0.0465	0.0488	1.6541	1.7388							
		12	0.1325	0.0496	0.0474	1.8734	1.7911	0.0805	0.0282	0.0276	1.7536	1.7168							
552	5	10	0.899	6.17	56.19														
		11	0.1056	0.0402	0.0377	1.9063	1.7871	0.1127	0.0357	0.0387	1.5851	1.7174							
		12	0.1557	0.0571	0.0559	1.8352	1.7968	0.0559	0.0178	0.0173	1.6520	1.6064							
552	6	10	0.899	6.19	67.49														
		11	0.1318	0.0497	0.0458	1.8884	1.7391	0.0814	0.0233	0.0274	1.4309	1.6858							
		12	0.1696	0.0618	0.0611	1.8226	1.8018	0.0368	0.0108	0.0107	1.4714	1.4683							
552	7	10	0.899	6.19	78.69														
		11	0.1560	0.0568	0.0540	1.8214	1.7338	0.0482	0.0112	0.0156	1.1605	1.6164							
		12	0.1732	0.0638	0.0620	1.8426	1.7898	0.0274	0.0055	0.0066	1.0112	1.2176							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																								
552	8	10	0.900	6.19	89.99	1.7748	1.7547	0.0137	-0.0008	0.0029	-0.3186	1.0799														
	11	12	0.1735	0.0616	0.0609	1.8817	1.7790	0.0180	0.0009	0.0027	0.2520	0.7555														
			0.1633	0.0614	0.0581																					
553	1	10	0.899	9.33	11.20	2.6783	0.2367	0.3272	0.0948	0.1177	1.4484	1.7987														
	11	12	-0.0031	-0.0016	-0.0001	1.6662	1.7818	0.2768	0.0863	0.0975	1.5585	1.7614														
			0.0594	0.0198	0.0211																					
553	2	10	0.898	9.32	22.50	2.2850	1.3861	0.3178	0.0912	0.1155	1.4359	1.8181														
	11	12	-0.0099	-0.0045	-0.0027	1.7093	1.8124	0.2312	0.0727	0.0803	1.5724	1.7375														
			0.1132	0.0387	0.0410																					
553	3	10	0.899	9.32	33.70	1.2166	2.0480	0.2840	0.0834	0.1034	1.4685	1.8204														
	11	12	0.0460	0.0111	0.0188	1.7404	1.8287	0.1807	0.0540	0.0626	1.4949	1.7335														
			0.1670	0.0581	0.0610																					
553	4	10	0.899	9.32	44.99	1.4613	1.8464	0.2327	0.0707	0.0835	1.5192	1.7961														
	11	12	0.1206	0.0352	0.0445	1.6335	1.8528	0.1206	0.0328	0.0426	1.3619	1.7671														
			0.2245	0.0733	0.0831																					
553	5	10	0.900	9.32	56.19	1.5848	1.7613	0.1745	0.0547	0.0618	1.5682	1.7713														
	11	12	0.1740	0.0551	0.0612	1.55561	1.8652	0.0352	0.0054	0.0102	0.7760	1.4588														
			0.2732	0.0850	0.1019																					
553	6	10	0.900	9.31	67.49	1.6336	1.7567	0.1225	0.0358	0.0429	1.4628	1.7533														
	11	12	0.2231	0.0729	0.0784	1.5269	1.8592	0.0147	0.0021	0.0022	0.7218	0.7686														
			0.2987	0.0912	0.1111																					
553	7	10	0.900	9.32	78.69	1.5889	1.7728	0.0665	0.0183	0.0228	1.2327	1.7212														
	11	12	0.2690	0.0855	0.0954	1.5326	1.8385	0.0180	0.0028	0.0033	0.7898	0.9224														
			0.3063	0.0939	0.1126																					
553	8	10	0.900	9.34	89.99	1.5355	1.7949	0.0111	-0.0017	0.0026	-0.7855	1.1841														
	11	12	0.3052	0.0937	0.1095	1.5916	1.8217	0.0247	0.0031	0.0051	0.6290	1.0375														
			0.2902	0.0923	0.1057																					
554	1	10	0.900	12.43	11.20	5.4737	5.2880	0.4132	0.0635	0.1470	0.7684	1.7790														
	11	12	0.0021	0.0023	0.0023	1.5151	1.8323	0.3974	0.0869	0.1400	1.0943	1.7623														
			0.0839	0.0254	0.0307																					
554	2	10	0.899	12.42	22.50	2.6847	2.5710	0.4186	0.0663	0.1513	0.7922	1.8072														
	11	12	0.0179	0.0096	0.0092	1.5837	1.8702	0.3356	0.0665	0.1174	1.2886	1.7498														
			0.1634	0.0517	0.0611																					

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
554	5	10	0.0829	12.42	33.70	1.8608	2.0416	0.4042	0.0689	0.1473	0.0533	1.8228											
		11	0.0358	0.0358	0.0882	1.5937	1.8799	0.2689	0.0773	0.0942	1.4378	1.7516											
		12	0.2348	0.0748	0.0882																		
554	4	10	0.900	12.42	44.99	1.5927	1.8310	0.3389	0.0690	0.1235	1.0181	1.8228											
		11	0.1767	0.0562	0.0647	1.0616	1.8799	0.1785	0.0544	0.0645	1.5245	1.8074											
		12	0.3284	0.0697	0.1234																		
554	5	10	0.900	12.42	56.19	1.4972	1.7710	0.2448	0.0726	0.0892	1.4828	1.8221											
		11	0.2614	0.0782	0.0926	0.8950	1.8665	0.0811	0.0278	0.0307	1.7189	1.8924											
		12	0.3929	0.0703	0.1466																		
554	6	10	0.899	12.42	67.48	1.2863	1.7524	0.1707	0.0484	0.0613	1.4182	1.7994											
		11	0.3316	0.0853	0.1162	0.8251	1.8424	0.0252	0.0108	0.0077	2.1515	1.5280											
		12	0.4021	0.0663	0.1481																		
554	7	10	0.899	12.43	78.69	1.0820	1.7621	0.0912	0.0225	0.0320	1.2553	1.7568											
		11	0.3910	0.0846	0.1378	0.8177	1.8188	0.0227	0.0061	0.0048	1.3502	1.0631											
		12	0.3984	0.0651	0.1449																		
554	8	10	0.901	12.43	90.00	0.8530	1.7684	0.0078	-0.0024	0.0009	-1.5714	0.5926											
		11	0.4056	0.0692	0.1434	0.9004	1.7991	0.0220	0.0023	0.0046	0.5361	1.0583											
		12	0.4009	0.0722	0.1442																		
555	1	10	0.901	-3.14	11.19	2.2911	1.1545	-0.0681	-0.0247	-0.0224	1.8114	1.6432											
		11	-0.0098	-0.0044	-0.0022	0.7327	1.8265	-0.0658	-0.0235	-0.0230	1.7853	1.7462											
		12	-0.0027	-0.0012	-0.0031																		
555	2	10	0.901	-3.14	22.49	1.7636	1.5608	-0.0585	-0.0218	-0.0199	1.8647	1.7003											
		11	-0.0282	-0.0099	-0.0088	1.0467	1.6401	-0.0613	-0.0222	-0.0219	1.8154	1.7878											
		12	-0.0213	-0.0044	-0.0069																		
555	3	10	0.901	-3.14	33.69	1.6716	1.5863	-0.0518	-0.0196	-0.0178	1.8988	1.7229											
		11	-0.0464	-0.0155	-0.0147	1.2258	1.6123	-0.0578	-0.0214	-0.0210	1.8516	1.8179											
		12	-0.0363	-0.0089	-0.0117																		
555	4	10	0.900	-3.13	44.99	1.6448	1.5818	-0.0379	-0.0154	-0.0135	2.0394	1.7820											
		11	-0.0653	-0.0214	-0.0206	1.3013	1.6495	-0.0476	-0.0183	-0.0181	1.9297	1.9111											
		12	-0.0488	-0.0127	-0.0161																		
555	5	10	-0.0772	-3.14	56.19	1.6534	1.6151	-0.0232	-0.0110	-0.0087	2.3652	1.6710											
		11		-0.0255	-0.0249																		

See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																				
		12	-0.0608	-0.0165	-0.0196	1.3622	1.6158	-0.0345	-0.0144	-0.0141	2.0932	2.0468									
555	6	10	0.900	-3.13	67.49	1.6457	1.6177	-0.0099	-0.0071	-0.0045	3.5976	2.2637									
		11	-0.0873	-0.0287	-0.0282	1.3927	1.6719	-0.0222	-0.0109	-0.0100	2.4274	2.2660									
		12	-0.0696	-0.0194	-0.0232																
555	7	10	0.901	-3.13	78.69	1.6241	1.6339	0.0044	-0.0030	0.0001	-3.4693	0.1708									
		11	-0.0896	-0.0291	-0.0292	1.4121	1.6792	-0.0045	-0.0055	-0.0043	6.0982	4.8040									
		12	-0.0755	-0.0213	-0.0253																
555	8	10	0.901	-3.14	89.99	1.6016	1.6104	0.0170	0.0001	0.0037	0.0365	1.0924									
		11	-0.0905	-0.0289	-0.0291	1.4331	1.6896	0.0129	-0.0004	0.0015	-0.1704	0.5817									
		12	-0.0805	-0.0230	-0.0272																
556	1	10	0.901	-0.003	11.19	-0.9900	5.0625	0.0026	0.0003	0.0009	0.6534	1.7455									
		11	0.0018	0.0020	0.0001	5.1621	0.3778	0.0077	0.0032	0.0018	2.0802	1.1595									
		12	0.0019	0.0020	0.0001																
556	2	10	0.898	-0.004	22.49	1.2666	-2.9352	0.0031	0.0002	0.0012	0.3326	1.9833									
		11	-0.0018	0.0004	0.0010	1.7648	-99.2772	0.0078	0.0028	0.0015	1.8182	0.9571									
		12	0.0000	0.0023	-0.0003	759.7648	-99.2772	0.0078	0.0028	0.0015	1.8182	0.9571									
556	3	10	0.899	-0.002	33.69	0.8238	0.2060	0.0051	0.0005	0.0017	0.5557	1.6641									
		11	-0.0067	0.0011	-0.0002	0.8238	0.2060	0.0051	0.0005	0.0015	1.5306	0.8881									
		12	-0.0029	0.0022	-0.0010	-3.8180	1.7990	0.0084	0.0025	0.0015	1.5306	0.8881									
556	4	10	0.899	-0.002	44.99	0.7656	0.6817	0.0058	0.0001	0.0017	0.1413	1.4533									
		11	-0.0098	-0.0015	-0.0013	-2.7494	1.4851	0.0088	0.0019	0.0010	1.1075	0.5967									
		12	-0.0046	0.0025	-0.0013																
556	5	10	0.899	-0.003	56.19	0.7459	0.8335	0.0078	-0.0001	0.0018	-0.0795	1.1848									
		11	-0.0143	-0.0021	-0.0023	-2.9487	1.8291	0.0074	0.0006	0.0006	-0.4602	0.4043									
		12	-0.0049	0.0029	-0.0018																
556	6	10	0.900	-0.003	67.49	0.6675	1.0377	0.0105	-0.0001	0.0024	-0.0794	1.1719									
		11	-0.0151	-0.0020	-0.0031	-2.1019	1.7740	0.0078	-0.0000	0.0002	-0.0584	0.1888									
		12	-0.0064	0.0026	-0.0022																
556	7	10	0.899	-0.003	78.69	0.6728	1.1047	0.0128	-0.0004	0.0030	-0.1813	1.2028									
		11	-0.0169	-0.0022	-0.0037	0.6728	1.1047	0.0128	-0.0004	0.0007	-0.1910	0.3671									
		12	-0.0065	0.0028	-0.0025	-2.1723	1.9762	0.0101	-0.0003	0.0007	-0.1910	0.3671									
556	8	10	0.900	-0.003	89.99																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																			
557	1	11	-0.0169	-0.0020	-0.0036	0.5987	1.0643	0.0156	-0.0005	0.0037	-0.1634	1.1909								
		12	-0.0065	0.0028	-0.0025	-2.1729	1.9762	0.0152	-0.0004	0.0011	-0.1639	0.4521								
557	1	10	0.902	1.00	11.19	0.4018	3.2014	0.0273	0.0090	0.0093	1.6453	1.7039								
		11	0.0035	0.0002	0.0022	2.6089	1.3609	0.0296	0.0107	0.0090	1.8179	1.5305								
		12	0.0073	0.0038	0.0019															
557	2	10	0.902	1.01	22.49	1.7111	3.5775	0.0248	0.0077	0.0090	1.5517	1.8103								
		11	0.0047	0.0016	0.0033	3.0545	1.5837	0.0289	0.0101	0.0084	1.7519	1.4618								
		12	0.0091	0.0055	0.0029															
557	3	10	0.902	1.01	33.69	3.3584	4.9216	0.0258	0.0074	0.0085	1.4399	1.6514								
		11	0.0035	0.0024	0.0035	3.0555	1.6244	0.0255	0.0085	0.0074	1.6652	1.4482								
		12	0.0126	0.0077	0.0041															
557	4	10	0.902	1.01	44.99	4.0966	4.5479	0.0248	0.0064	0.0080	1.2895	1.6235								
		11	0.0040	0.0033	0.0036	3.3021	1.6887	0.0235	0.0068	0.0060	1.4583	1.2813								
		12	0.0131	0.0086	0.0044															
557	5	10	0.902	1.01	56.19	6.2508	6.2027	0.0236	0.0049	0.0069	1.0575	1.4794								
		11	0.0029	0.0037	0.0037	3.4368	1.6790	0.0208	0.0049	0.0046	1.1979	1.1238								
		12	0.0140	0.0096	0.0047															
557	6	10	0.902	1.01	67.49	5.1689	4.4661	0.0199	0.0029	0.0059	0.7419	1.4816								
		11	0.0044	0.0046	0.0040	3.4921	1.7036	0.0146	0.0021	0.0027	0.7191	0.9245								
		12	0.0147	0.0103	0.0050															
557	7	10	0.902	1.00	78.69	4.6300	3.7265	0.0178	0.0012	0.0048	0.3592	1.3456								
		11	0.0059	0.0055	0.0044	3.5464	1.6473	0.0144	0.0010	0.0019	0.3794	0.6794								
		12	0.0152	0.0108	0.0050															
557	8	10	0.902	1.01	89.99	3.9673	3.1818	0.0162	-0.0003	0.0037	-0.1197	1.1498								
		11	0.0079	0.0063	0.0050	3.6270	1.5808	0.0132	-0.0004	0.0015	-0.1674	0.5665								
		12	0.0149	0.0108	0.0047															
558	1	10	0.903	3.07	11.20	0.6896	2.2650	0.0823	0.0289	0.0279	1.7559	1.6950								
		11	0.0067	0.0009	0.0030	2.0922	1.5749	0.0790	0.0287	0.0259	1.8181	1.6411								
		12	0.0188	0.0079	0.0059															
558	2	10	0.899	3.07	22.50	1.5764	2.0660	0.0800	0.0276	0.0270	1.7264	1.6928								
		11	0.0166	0.0052	0.0068	2.0989	1.6066	0.0729	0.0260	0.0233	1.7827	1.5992								
		12	0.0348	0.0146	0.0111															

← See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →														
558	3	10	0.900	5.07	33.69	1.8821	2.0716	0.0746	0.0250	0.0248	1.6765	1.6650					
		11	0.0247	0.0093	0.0102	2.1392	1.6961	0.0639	0.0220	0.0205	1.7261	1.6071					
		12	0.0455	0.0194	0.0154												
558	4	10	0.901	3.07	44.99	1.9925	1.9402	0.0652	0.0208	0.0217	1.5954	1.6643					
		11	0.0334	0.0133	0.0129	2.1816	1.7225	0.0544	0.0175	0.0166	1.6145	1.5254					
		12	0.0549	0.0239	0.0189												
558	5	10	0.902	3.08	56.19	2.0277	1.8693	0.0555	0.0163	0.0181	1.4753	1.6337					
		11	0.0440	0.0178	0.0164	2.1880	1.7181	0.0423	0.0123	0.0120	1.4589	1.4250					
		12	0.0639	0.0279	0.0219												
558	6	10	0.900	3.08	67.49	2.0600	1.8558	0.0435	0.0109	0.0133	1.2586	1.5327					
		11	0.0510	0.0210	0.0139	2.2259	1.7234	0.0312	0.0075	0.0080	1.2023	1.2794					
		12	0.0669	0.0297	0.0230												
558	7	10	0.900	3.08	78.69	2.0411	1.8101	0.0294	0.0048	0.0086	0.8328	1.4782					
		11	0.0607	0.0247	0.0219	2.2271	1.7337	0.0216	0.0031	0.0042	0.7308	0.9745					
		12	0.0682	0.0304	0.0236												
558	8	10	0.901	3.07	89.99	2.0188	1.7749	0.0150	-0.0008	0.0031	-0.2962	1.0328					
		11	0.0687	0.0277	0.0244	2.2153	1.7020	0.0148	0.0000	0.0016	0.0189	0.5590					
		12	0.0686	0.0303	0.0233												
559	1	10	0.901	6.21	11.20	1.2662	2.5742	0.1902	0.0630	0.0662	1.6565	1.7404					
		11	0.0088	0.0022	0.0045	1.8026	1.6758	0.1692	0.0594	0.0577	1.7554	1.7069					
		12	0.0400	0.0144	0.0134												
559	2	10	0.900	6.20	22.50	1.8904	2.1708	0.1844	0.0603	0.0644	1.6362	1.7486					
		11	0.0239	0.0090	0.0103	1.8316	1.7403	0.1439	0.0521	0.0491	1.8099	1.7076					
		12	0.0740	0.0271	0.0257												
559	3	10	0.901	6.20	33.70	1.9374	1.9756	0.1654	0.0545	0.0576	1.6492	1.7408					
		11	0.0451	0.0174	0.0178	1.8813	1.7900	0.1133	0.0407	0.0388	1.7967	1.7153					
		12	0.1051	0.0395	0.0376												
559	4	10	0.899	6.20	44.99	1.9031	1.8595	0.1409	0.0463	0.0485	1.6434	1.7233					
		11	0.0709	0.0270	0.0264	1.8795	1.7928	0.0788	0.0275	0.0268	1.7481	1.7036					
		12	0.1333	0.0501	0.0478												
559	5	10	0.900	6.20	56.19	1.9028	1.8022	0.1123	0.0353	0.0382	1.5721	1.7031					
		11	0.0988	0.0376	0.0356	1.8340	1.8027	0.0546	0.0181	0.0176	1.6621	1.6136					
		12	0.1568	0.0575	0.0565												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																
559	6	10	0.902	6.20	67.49	1.8887	1.7528	0.0610	0.0230	0.0275	1.4247	1.6981							
	11	11	0.1278	0.0482	0.0448	1.8187	0.0375	0.0109	0.0106	1.4608	1.4210								
	12	12	0.1717	0.0624	0.0622														
559	7	10	0.901	6.21	78.69	1.8222	1.7478	0.0483	0.0109	0.0154	1.1348	1.6004							
	11	11	0.1522	0.0554	0.0532	1.8438	0.0279	0.0057	0.0066	1.0284	1.1841								
	12	12	0.1738	0.0641	0.0623														
559	8	10	0.902	6.21	89.99	1.7795	1.7653	0.0131	-0.0013	0.0023	-0.5244	0.8936							
	11	11	0.1701	0.0605	0.0600	1.8792	0.0188	0.0012	0.0029	0.3375	0.7970								
	12	12	0.1660	0.0624	0.0588														
560	1	10	0.899	9.32	11.20	3.8097	0.2801	0.3248	0.0943	0.1165	1.4526	1.7941							
	11	11	-0.0026	-0.0020	-0.0001	1.6707	1.7524	0.2807	0.0872	0.0989	1.5536	1.7617							
	12	12	0.0600	0.0200	0.0210														
560	2	10	0.900	9.33	22.50	2.5628	1.1220	0.3146	0.0906	0.1139	1.4402	1.8108							
	11	11	-0.0067	-0.0034	-0.0015	1.7196	1.8082	0.2345	0.0734	0.0813	1.5650	1.7334							
	12	12	0.1162	0.0399	0.0420														
560	3	10	0.899	9.32	33.70	1.0419	2.0934	0.2867	0.0837	0.1039	1.4611	1.8119							
	11	11	0.0326	0.0068	0.0136	1.7424	1.8361	0.1843	0.0551	0.0634	1.4953	1.7203							
	12	12	0.1684	0.0587	0.0618														
560	4	10	0.900	9.32	44.99	1.4354	1.8674	0.2325	0.0704	0.0828	1.5148	1.7814							
	11	11	0.1152	0.0330	0.0430	1.6272	1.8559	0.1234	0.0335	0.0435	1.3605	1.7632							
	12	12	0.2279	0.0741	0.0846														
560	5	10	0.901	9.31	56.19	1.5719	1.7747	0.1751	0.0546	0.0614	1.5602	1.7541							
	11	11	0.1682	0.0528	0.0597	1.5568	1.8723	0.0384	0.0064	0.0117	0.8342	1.5291							
	12	12	0.2745	0.0854	0.1027														
560	6	10	0.902	9.33	67.49	1.6316	1.7590	0.1213	0.0353	0.0426	1.4562	1.7576							
	11	11	0.2198	0.0717	0.0773	1.5196	1.8610	0.0154	0.0021	0.0021	0.6880	0.6846							
	12	12	0.3000	0.0912	0.1117														
560	7	10	0.901	9.33	78.69	1.5915	1.7668	0.0667	0.0162	0.0226	1.2143	1.6995							
	11	11	0.2685	0.0854	0.0948	1.5283	1.8360	0.0203	0.0033	0.0038	0.8238	0.9340							
	12	12	0.3089	0.0944	0.1134														
560	8	10	0.901	9.33	89.99	1.5337	1.7928	0.0106	-0.0021	0.0017	-1.0078	0.8098							
	11	11	0.3050	0.0935	0.1093														

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	U. 2906	U. 0926	U. 1058	1. 5933	1. 8207	0. 0256	0. 0033	0. 0054	0. 6584	1. 0663
561	1	12	0. 901	12. 43	11. 20	2. 3700	2. 5940	0. 4126	0. 0639	0. 1468	0. 7754	1. 7799
		11	0. 0047	0. 0022	0. 0024	1. 5259	1. 8011	0. 3985	0. 0860	0. 1405	1. 0791	1. 7630
		12	0. 0868	0. 0264	0. 0312							
561	2	10	0. 901	12. 43	22. 50	2. 7902	2. 6191	0. 4164	0. 0658	0. 1502	0. 7901	1. 8041
		11	0. 0170	0. 0095	0. 0089	1. 5912	1. 8508	0. 3386	0. 0866	0. 1182	1. 2799	1. 7453
		12	0. 1644	0. 0523	0. 0608							
561	3	10	0. 902	12. 42	33. 70	1. 8706	2. 0630	0. 4047	0. 0691	0. 1472	0. 8548	1. 8193
		11	0. 0772	0. 0288	0. 0318	1. 5845	1. 8802	0. 2748	0. 0788	0. 0961	1. 4346	1. 7486
		12	0. 2383	0. 0755	0. 0896							
561	4	10	0. 900	12. 42	45. 00	1. 5916	1. 8548	0. 3370	0. 0687	0. 1228	1. 0197	1. 8223
		11	0. 1704	0. 0542	0. 0632	1. 0546	1. 8743	0. 1815	0. 0554	0. 0658	1. 5275	1. 8121
		12	0. 3320	0. 0700	0. 1244							
561	5	10	0. 901	12. 42	56. 19	1. 4954	1. 7724	0. 2425	0. 0720	0. 0877	1. 4856	1. 8088
		11	0. 2563	0. 0766	0. 0908	0. 8775	1. 8687	0. 0836	0. 0289	0. 0316	1. 7304	1. 8939
		12	0. 3922	0. 0688	0. 1465							
561	6	10	0. 901	12. 42	67. 48	1. 2993	1. 7590	0. 1705	0. 0482	0. 0605	1. 4140	1. 7767
		11	0. 3247	0. 0843	0. 1142	0. 8289	1. 8456	0. 0250	0. 0107	0. 0077	2. 1442	1. 5410
		12	0. 4022	0. 0666	0. 1484							
561	7	10	0. 900	12. 43	78. 69	1. 0845	1. 7633	0. 0896	0. 0219	0. 0313	1. 2240	1. 7472
		11	0. 3883	0. 0842	0. 1369	0. 8240	1. 8141	0. 0214	0. 0057	0. 0045	1. 3466	1. 0575
		12	0. 3992	0. 0657	0. 1448							
561	8	10	0. 900	12. 43	90. 00	0. 8532	1. 7694	0. 0088	-0. 0023	0. 0010	-1. 3440	0. 6205
		11	0. 4053	0. 0691	0. 1434	0. 9026	1. 7985	0. 0222	0. 0023	0. 0043	0. 5374	0. 9890
		12	0. 4015	0. 0724	0. 1444							
562	3	10	0. 898	-3. 12	11. 19	1. 9256	1. 0374	-0. 0656	-0. 0238	-0. 0221	1. 8159	1. 6901
		11	-0. 0154	-0. 0059	-0. 0032	0. 8990	1. 7631	-0. 0643	-0. 0230	-0. 0226	1. 7908	1. 7613
		12	-0. 0100	-0. 0018	-0. 0035							
562	4	10	0. 899	-3. 11	22. 49	1. 6928	1. 4008	-0. 0592	-0. 0219	-0. 0201	1. 8492	1. 6966
		11	-0. 0349	-0. 0118	-0. 0098	1. 0490	1. 5623	-0. 0625	-0. 0226	-0. 0223	1. 8091	1. 7841
		12	-0. 0221	-0. 0046	-0. 0069							
562	5	10	0. 898	-3. 12	33. 69							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																							
562	6	10	-0.0520	-0.0091	-0.0170	-0.0153	1.6411	1.4724	-0.0497	-0.0189	-0.0169	1.9006	1.7064	-0.0365	-0.0091	-0.0118	1.2484	1.6184	-0.0563	-0.0207	-0.0205	1.8444	1.6197			
	11	12	0.899	-0.0226	44.99	-0.0212	1.6283	1.5278	-0.0376	-0.0152	-0.0131	2.0219	1.7490	-0.0696	-0.0127	-0.0161	1.3035	1.6526	-0.0477	-0.0181	-0.0175	1.9008	1.8409	-0.0487	-0.0127	-0.0161
562	7	10	0.898	-0.0275	56.19	-0.0263	1.6329	1.5627	-0.0261	-0.0118	-0.0095	2.2692	1.8317	-0.0843	-0.0162	-0.0196	1.3469	1.6332	-0.0374	-0.0150	-0.0145	2.0146	1.9460	-0.0602	-0.0162	-0.0196
	11	12	0.899	-0.0301	67.49	-0.0292	1.6241	1.5762	-0.0103	-0.0072	-0.0045	3.4742	2.1877	-0.0927	-0.0186	-0.0226	1.3720	1.6683	-0.0202	-0.0100	-0.0094	2.4680	2.3184	-0.0680	-0.0186	-0.0226
562	9	10	0.898	-0.0317	78.69	-0.0306	1.6203	1.5655	0.0032	-0.0036	-0.0003	-5.4940	-0.4707	-0.0978	-0.0214	-0.0253	1.4077	1.6632	-0.0047	-0.0054	-0.0041	5.7676	4.3252	-0.0761	-0.0214	-0.0253
	11	12	0.899	-0.0306	89.99	-0.0299	1.6069	1.5730	0.0154	-0.0005	0.0034	-0.1646	-1.153	-0.0784	-0.0222	-0.0266	1.4185	1.6992	0.0154	-0.0004	0.0022	0.1374	0.7335	-0.0952	-0.0222	-0.0266
563	1	10	0.898	-0.001	11.19	-0.0000	2.0170	0.4720	0.0028	0.0004	0.0010	0.8280	1.8910	-0.0126	0.0020	0.0000	5.1391	-0.0027	0.0065	0.0028	0.0019	2.2161	1.5156	-0.0020	0.0020	0.0000
	11	12	0.899	-0.0051	22.49	-0.0016	1.6123	0.5196	0.0029	0.0000	0.0003	0.1405	1.5875	-0.0158	-0.0027	-0.0000	21.6616	-0.0283	0.0057	0.0023	0.0013	2.0953	1.1989	-0.0006	-0.0027	-0.0000
563	3	10	0.899	-0.00	33.69	-0.0025	1.3890	0.6783	0.0034	-0.0000	0.0014	-0.0873	-2.0616	-0.0188	-0.0004	-0.0004	1.3890	0.6783	0.0034	-0.0000	0.0007	1.5853	2.0616	-0.0020	-0.0026	-0.0004
	11	12	0.900	-0.0056	44.99	-0.0037	1.2630	0.8469	0.0048	-0.0004	0.0012	-0.4875	-1.2850	-0.0050	-0.0022	-0.0013	-2.2610	1.3577	0.0049	0.0008	0.0006	0.8603	0.6158	-0.0050	-0.0022	-0.0013
563	5	10	0.898	-0.0061	56.19	-0.0049	1.2026	0.9757	0.0078	-0.0001	0.0021	-0.0813	-1.3849	-0.0025	-0.0018	-0.0018	1.2026	0.9757	0.0078	-0.0005	0.0007	0.4290	0.5765	-0.0256	-0.0061	-0.0018
	11	12	-0.0063	-0.0025	-0.0025	-0.0018	-2.0215	1.4414	0.0065	0.0005	0.0007	-0.0813	-0.5765	-0.0063	-0.0025	-0.0018	-2.0215	1.4414	0.0065	0.0005	0.0007	-0.0813	-0.5765	-0.0063	-0.0025	-0.0018

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
563	6	10	0.898	-0.000	67.49	1.1547	1.0153	0.0116	0.0002	0.0026	0.0907	1.1400						
	11	12	-0.0283	-0.0065	-0.0057	-1.8553	1.5193	0.0073	-0.0002	0.0003	-0.1473	0.2032						
563	7	10	0.897	-0.000	78.69	1.0852	1.0668	0.0149	0.0002	0.0037	0.0965	1.2547						
	11	12	-0.0284	-0.0061	-0.0060	-2.6582	1.8345	0.0101	-0.0002	0.0010	-0.1327	0.5228						
563	8	10	0.898	-0.000	89.99	1.0883	1.1036	0.0155	-0.0006	0.0035	-0.2067	1.1565						
	11	12	-0.0295	-0.0064	-0.0065	-2.1648	1.8562	0.0118	-0.0006	0.0013	-0.2897	0.5722						
564	1	10	0.898	-0.000	11.20	1.9348	0.7277	0.0266	0.0085	0.0090	1.6008	1.6992						
	11	12	-0.0155	-0.0059	-0.0022	2.6222	1.4263	0.0284	0.0107	0.0089	1.8773	1.5707						
564	2	10	0.896	-0.000	22.50	1.5898	0.5031	0.0261	0.0080	0.0090	1.5324	1.7323						
	11	12	-0.0148	-0.0047	-0.0014	3.0576	1.7152	0.0268	0.0097	0.0080	1.8054	1.4974						
564	3	10	0.897	-0.000	33.69	1.1506	0.1032	0.0259	0.0074	0.0084	1.4397	1.6209						
	11	12	-0.0125	-0.0028	-0.0039	3.2427	1.7148	0.0245	0.0083	0.0072	1.6905	1.4828						
564	4	10	0.897	-0.000	44.99	0.7959	0.1643	0.0230	0.0056	0.0077	1.2342	1.6943						
	11	12	-0.0124	-0.0015	-0.0004	3.3834	1.7383	0.0214	0.0064	0.0057	1.4948	1.3432						
564	5	10	0.896	-0.000	56.19	0.3697	-0.1670	0.0228	0.0049	0.0071	1.0737	1.5732						
	11	12	-0.0108	-0.0008	0.0003	3.5354	1.8072	0.0198	0.0050	0.0048	1.2630	1.2215						
564	6	10	0.898	-0.000	67.49	-0.0573	-0.4736	0.0175	0.0023	0.0056	0.6679	1.5992						
	11	12	-0.0103	0.0001	0.0008	3.6760	1.7591	0.0132	0.0018	0.0025	0.7069	0.9688						
564	7	10	0.899	-0.000	78.69	-0.9276	-0.9519	0.0179	0.0012	0.0051	0.3588	1.4336						
	11	12	-0.0075	0.0014	0.0014	3.6341	1.7912	0.0125	0.0005	0.0019	0.2365	0.7816						
564	8	10	0.899	-0.000	89.99	-3.2816	-1.7296	0.0145	-0.0010	0.0037	-0.3529	1.2897						
	11	12	-0.0050	0.0023	0.0017	3.6236	1.7139	0.0124	-0.0005	0.0012	-0.2246	0.4851						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																									
565	1	10	0.898	0.0171	5.09	1.9721	1.2077	0.0826	0.0289	0.0280	1.7493	1.6942															
		11	-0.0185	-0.00078	0.0067	2.1221	1.6233	0.0804	0.0294	0.0265	1.8276	1.6473															
		12	0.0060	-0.0060	11.20																						
565	2	10	0.899	0.0003	3.09	-8.3025	27.6577	0.0760	0.0262	0.0262	1.7235	1.7262															
		11	0.0334	-0.00144	0.0006	2.1549	1.7016	0.0727	0.0262	0.0235	1.8039	1.6204															
		12	0.0113	0.0113	22.50																						
565	3	10	0.898	0.0111	3.09	1.7997	2.7060	0.0726	0.0243	0.0245	1.6738	1.6906															
		11	0.0443	0.0193	0.0040	2.1827	1.7550	0.0650	0.0226	0.0208	1.7387	1.6032															
		12	0.0155	0.0155	33.70																						
565	4	10	0.898	0.0209	3.09	2.0221	2.2811	0.0634	0.0202	0.0217	1.5940	1.7131															
		11	0.0557	0.0244	0.0084	2.1883	1.7376	0.0539	0.0175	0.0168	1.6304	1.5655															
		12	0.0193	0.0193	45.00																						
565	5	10	0.898	0.0310	3.09	2.0413	2.0845	0.0532	0.0155	0.0175	1.4556	1.6438															
		11	0.0641	0.0282	0.0126	2.2002	1.7152	0.0437	0.0130	0.0130	1.4961	1.4966															
		12	0.0220	0.0220	56.19																						
565	6	10	0.896	0.0410	3.10	2.0736	1.9721	0.0405	0.0100	0.0131	1.2413	1.6246															
		11	0.0665	0.0296	0.0170	2.2302	1.7494	0.0327	0.0080	0.0086	1.2354	1.5270															
		12	0.0232	0.0232	67.49																						
565	7	10	0.900	0.0498	3.10	2.0537	1.8782	0.0276	0.0044	0.0085	0.7995	1.5512															
		11	0.0678	0.0302	0.0204	2.2337	1.7420	0.0206	0.0029	0.0045	0.7086	1.51020															
		12	0.0236	0.0236	78.69																						
565	8	10	0.899	0.0583	3.10	2.0333	1.8526	0.0128	-0.0013	0.0032	-0.5417	1.2744															
		11	0.0662	0.0295	0.0237	2.2301	1.7374	0.0129	-0.0004	0.0015	-0.1704	0.5817															
		12	0.0230	0.0230	89.99																						
566	1	10	0.897	0.0001	6.23	37.7243-20	1.867	0.1846	0.0613	0.0649	1.6603	1.7580															
		11	-0.0402	-0.0146	0.0011	1.8254	1.7404	0.1730	0.0606	0.0592	1.7538	1.7109															
		12	0.0140	0.0140	11.20																						
566	2	10	0.899	0.0151	6.22	1.9223	2.5347	0.1794	0.0538	0.0628	1.6408	1.7529															
		11	0.0759	0.0279	0.0058	1.8400	1.7805	0.1442	0.0524	0.0496	1.6188	1.7212															
		12	0.0270	0.0270	22.50																						
566	3	10	0.898	0.0345	6.22	1.9291	2.1376	0.1641	0.0540	0.0573	1.6457	1.7459															
		11	0.1072	0.0404	0.0133	1.8842	1.7846	0.1157	0.0419	0.0399	1.6123	1.7267															
		12	0.0382	0.0382	33.70																						

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key →																					
566	4	0.898	0.0620	6.21	44.99	1.9056	1.9416	0.1391	0.0458	0.0479	1.6476	1.7223	0.1351	0.0506	0.0236	0.0241	1.8732	1.8012	0.0793	0.0279	0.0274	1.7627	1.7313
566	5	0.899	0.0913	6.22	56.19	1.8724	1.8371	0.1108	0.0350	0.0382	1.5815	1.7233	0.1594	0.0584	0.0342	0.0335	1.8322	1.8049	0.0571	0.0191	0.0185	1.6763	1.6197
566	6	0.898	0.1227	6.23	67.49	1.8737	1.7676	0.0806	0.0230	0.0273	1.4289	1.6922	0.1740	0.0632	0.0459	0.0433	1.8179	1.8214	0.0381	0.0111	0.0112	1.4691	1.4739
566	7	0.898	0.1483	6.23	78.69	1.8312	1.7504	0.0459	0.0104	0.0151	1.1365	1.6465	0.1755	0.0648	0.0543	0.0519	1.8467	1.8056	0.0287	0.0059	0.0071	1.0291	1.2416
566	8	0.899	0.1664	6.22	89.99	1.7900	1.7719	0.0106	-0.0018	0.0023	-0.8826	1.0985	0.1661	0.0625	0.0595	0.0589	1.8814	1.7826	0.0174	0.0007	0.0030	-0.2222	0.8677
567	1	0.899	-0.0046	9.34	11.20	3.4878	0.8277	0.3172	0.0928	0.1145	1.4639	1.8043	-0.0628	-0.0210	-0.0007	-0.0001	1.6743	1.7816	0.2850	0.0883	0.1007	1.5503	1.7676
567	2	0.899	-0.0050	9.33	22.50	2.8075	0.1427	0.3079	0.0697	0.1114	1.4574	1.8086	-0.1189	-0.0409	-0.0028	-0.0011	1.7233	1.8311	0.2396	0.0749	0.0835	1.5647	1.7426
567	3	0.898	0.0152	9.32	33.70	0.3963	2.2102	0.2807	0.0825	0.1016	1.4695	1.8103	0.0152	0.0012	0.0012	0.0067	1.7472	1.8431	0.1871	0.0564	0.0648	1.5090	1.7337
567	4	0.898	0.0289	9.33	45.00	1.4209	1.9336	0.2274	0.0692	0.0818	1.5215	1.7999	0.0998	0.0283	0.0283	0.0385	1.6285	1.8570	0.1267	0.0346	0.0448	1.3680	1.7708
567	5	0.899	0.1588	9.33	56.19	1.5622	1.7927	0.1714	0.0538	0.0609	1.5687	1.7780	0.2757	0.0857	0.0857	0.1033	1.5559	1.8741	0.0428	0.0077	0.0139	0.9064	1.6238
567	6	0.899	0.2150	9.33	67.49	1.6402	1.7622	0.1215	0.0354	0.0424	1.4588	1.7480	0.3023	0.0917	0.0917	0.1127	1.6402	1.7622	0.1215	0.0024	0.0030	1.4588	1.7480

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

567	1	10	0.899	9.34	78.69	1.5973	1.7698	0.0631	0.0160	0.0221	1.2200	1.6957
		11	0.2645	0.0845	0.0936	1.5298	1.8434	0.0194	0.0030	0.0037	0.7915	0.9711
		12	0.3091	0.0945	0.1139							
567	0	10	0.897	9.34	89.99	1.5498	1.7938	0.0099	-0.0021	0.0020	-1.0768	1.0253
		11	0.2986	0.0925	0.1071	1.5945	1.8275	0.0250	0.0032	0.0056	0.6476	1.1209
		12	0.2897	0.0923	0.1058							
568	1	10	0.898	12.46	11.20	2.0040	2.3320	0.4105	0.0641	0.1461	0.7016	1.7799
		11	0.0092	0.0036	0.0042	1.5341	1.8302	0.4062	0.0863	0.1434	1.0634	1.7655
		12	0.0879	0.0269	0.0321							
568	2	10	0.896	12.46	22.50	3.2671	2.8157	0.4186	0.0683	0.1511	0.8167	1.8047
		11	0.0139	0.0091	0.0078	1.5953	1.8619	0.3420	0.0868	0.1194	1.2700	1.7459
		12	0.1666	0.0531	0.0620							
568	3	10	0.898	12.46	33.70	1.9048	2.1089	0.4019	0.0691	0.1465	0.8600	1.8230
		11	0.0683	0.0260	0.0288	1.5827	1.8953	0.2799	0.0806	0.0982	1.4401	1.7558
		12	0.2409	0.0762	0.0913							
568	4	10	0.898	12.46	45.00	1.5904	1.8533	0.3330	0.0694	0.1213	1.0420	1.8216
		11	0.1613	0.0513	0.0598	1.0465	1.8810	0.1859	0.0571	0.0678	1.5362	1.8246
		12	0.3346	0.0700	0.1258							
568	5	10	0.899	12.47	56.19	1.5038	1.7706	0.2407	0.0715	0.0874	1.4860	1.8155
		11	0.2496	0.0750	0.0883	0.8785	1.8690	0.0858	0.0297	0.0334	1.7307	1.9466
		12	0.3950	0.0694	0.1476							
568	6	10	0.898	12.47	67.48	1.3051	1.7555	0.1668	0.0473	0.0603	1.4182	1.8101
		11	0.3225	0.0842	0.1132	0.8188	1.8509	0.0242	0.0108	0.0077	2.2459	1.5936
		12	0.4020	0.0658	0.1488							
568	7	10	0.899	12.47	78.68	1.0857	1.7683	0.0875	0.0214	0.0307	1.2218	1.7579
		11	0.3877	0.0842	0.1371	0.8173	1.8197	0.0196	0.0055	0.0043	1.4094	1.1159
		12	0.4005	0.0654	0.1457							
568	0	10	0.899	12.47	90.00	0.8477	1.7707	0.0062	-0.0028	0.0007	-2.2904	0.6260
		11	0.4062	0.0688	0.1438	0.8940	1.7971	0.0219	0.0024	0.0049	0.5679	1.1346
		12	0.4034	0.0721	0.1450							
569	1	10	0.898	-3.10	11.19	2.0543	1.1314	-0.0702	-0.0250	-0.0232	1.7821	1.6571
		11	-0.0141	-0.0058	-0.0031	0.8109	1.5231	-0.0662	-0.0238	-0.0226	1.6029	1.7089
		12	-0.0110	-0.0017	-0.0033							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
569	2	10	0.900	-0.011	22.49	1.7187	1.4285	-0.0627	-0.0228	-0.0210	1.8220	1.6769						
	11	11	-0.0346	-0.0119	-0.0098	1.0128	1.5525	-0.0642	-0.0233	-0.0226	1.8169	1.7594						
	12	12	-0.0221	-0.0044	-0.0068	1.6755	1.5155	-0.0530	-0.0196	-0.0180	1.8556	1.6960						
569	3	10	0.899	-0.011	33.69	1.1830	1.6289	-0.0575	-0.0213	-0.0205	1.8546	1.7883						
	11	11	-0.0539	-0.0180	-0.0163	1.6592	1.5753	-0.0415	-0.0165	-0.0142	1.9867	1.7196						
	12	12	-0.0357	-0.0084	-0.0116	1.2981	1.6632	-0.0494	-0.0189	-0.0179	1.9159	1.8114						
569	4	10	0.900	-0.010	44.99	1.6616	1.5997	-0.0273	-0.0123	-0.0102	2.2644	1.8676						
	11	11	-0.0720	-0.0239	-0.0226	1.3368	1.6086	-0.0347	-0.0145	-0.0135	2.2873	1.9464						
	12	12	-0.0480	-0.0124	-0.0159	1.6473	1.6029	-0.0139	-0.0085	-0.0056	3.0563	2.0334						
569	5	10	0.899	-0.010	56.19	1.6545	1.6473	-0.0221	-0.0106	-0.0097	2.4153	2.2032						
	11	11	-0.0854	-0.0284	-0.0273	1.3870	1.6053	0.0000	-0.0044	-0.0012	5.5390	3.7759						
	12	12	-0.0612	-0.0163	-0.0196	1.6458	1.6156	0.0133	-0.0011	0.0026	-0.4243	0.9963						
569	6	10	0.898	-0.009	67.49	1.4099	1.6783	0.0145	0.0000	0.0022	0.0148	0.7834						
	11	11	-0.0954	-0.0314	-0.0305	1.9857	1.0190	0.0014	-0.0001	0.0007	-0.5367	2.6277						
	12	12	-0.0677	-0.0186	-0.0223	4.6877	1.1688	0.0085	0.0035	0.0024	2.0409	1.4140						
569	7	10	0.899	-0.010	78.69	1.7675	1.6586	0.0007	-0.0008	0.0001	-5.0574	0.9856						
	11	11	-0.1001	-0.0331	-0.0321	10.8689	1.0271	0.0062	0.0025	0.0013	-2.0074	1.0915						
	12	12	-0.0745	-0.0206	-0.0245	1.5983	1.0502	0.0031	-0.0004	0.0007	-0.7092	1.2415						
569	8	10	0.897	-0.009	89.99	1.4940	1.736	0.0036	-0.0009	0.0006	-1.3282	0.8479						
	11	11	-0.0997	-0.0328	-0.0322	-2.9753	0.8355	0.0074	0.0023	0.0018	-1.5923	1.2301						
	12	12	-0.0783	-0.0220	-0.0262	1.4940	1.1736	0.0047	0.0007	0.0006	-0.7628	0.6436						
570	1	10	0.899	-0.009	11.19	1.6458	1.6156	0.0133	-0.0011	0.0022	0.0148	0.7834						
	11	11	-0.0224	-0.0089	-0.0045	1.9857	1.0190	0.0014	-0.0001	0.0007	-0.5367	2.6277						
	12	12	0.0026	0.0024	0.0006	4.6877	1.1688	0.0085	0.0035	0.0024	2.0409	1.4140						
570	2	10	0.899	-0.009	22.49	1.7675	1.6586	0.0007	-0.0008	0.0001	-5.0574	0.9856						
	11	11	-0.0244	-0.0086	-0.0050	10.8689	1.0271	0.0062	0.0025	0.0013	-2.0074	1.0915						
	12	12	0.0013	0.0029	0.0004	1.5983	1.0502	0.0031	-0.0004	0.0007	-0.7092	1.2415						
570	3	10	0.896	-0.009	33.69	1.4940	1.736	0.0036	-0.0009	0.0006	-1.3282	0.8479						
	11	11	-0.0283	-0.0090	-0.0059	-2.9753	0.8355	0.0074	0.0023	0.0018	-1.5923	1.2301						
	12	12	-0.0027	0.0026	-0.0004	1.4940	1.1736	0.0047	0.0007	0.0006	-0.7628	0.6436						
570	4	10	0.897	-0.009	44.99	1.6458	1.6156	0.0133	-0.0011	0.0022	0.0148	0.7834						
	11	11	-0.0311	-0.0093	-0.0073	1.9857	1.0190	0.0014	-0.0001	0.0007	-0.5367	2.6277						
	12	12	-0.0044	0.0026	-0.0007	4.6877	1.1688	0.0085	0.0035	0.0024	2.0409	1.4140						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key →

Run	Pt.	Cd																		
570	5	10	0.897	-0.0103	56.19	1.4377	1.2693	0.0076	-0.0005	0.0015	-0.3375	1.0237								
		11	-0.0360	0.0029	-0.0091	-2.9136	1.3608	0.0075	0.0009	0.0009	0.6240	0.6024								
		12	-0.0050	0.0029	-0.0013	-2.4395	1.5100	0.0094	-0.0003	0.0021	-0.3578	1.1543								
570	6	10	0.897	-0.0103	67.49	1.3841	1.2826	0.0072	-0.0003	0.0003	-0.2413	0.2091								
		11	-0.0375	0.0029	-0.0096	-2.3585	1.3063	0.0133	-0.0004	0.0028	-0.1772	1.0531								
		12	-0.0060	0.0031	-0.0018	-2.3497	1.3968	0.0097	-0.0005	0.0012	-0.2738	0.6247								
570	7	10	0.897	-0.0102	78.69	1.3477	1.3468	0.0149	-0.0010	0.0031	-0.3437	1.0476								
		11	-0.0379	0.0033	-0.0103	-2.9302	1.9959	0.0127	-0.0005	0.0016	-0.2254	0.6512								
		12	-0.0057	0.0042	-0.0022	-2.7716	1.6187	0.0307	0.0079	0.0098	1.5641	1.7949								
571	1	10	0.897	-0.0122	11.20	1.9456	1.2931	0.0252	0.0079	0.0090	1.4735	1.6906								
		11	-0.0313	0.0042	-0.0081	2.7716	1.7626	0.0290	0.0105	0.0089	1.8227	1.5446								
		12	-0.0076	0.0061	0.0035	3.0588	1.7659	0.0258	0.0076	0.0087	1.4735	1.6906								
571	2	10	0.898	-0.0109	22.50	1.6034	1.0699	0.0242	0.0066	0.0081	1.3635	1.6792								
		11	-0.0311	0.0098	-0.0071	3.1444	1.7673	0.0248	0.0084	0.0073	1.7018	1.4701								
		12	-0.0100	0.0079	0.0044	3.4808	1.9087	0.0226	0.0069	0.0063	1.5274	1.4086								
571	3	10	0.896	-0.0098	33.70	1.4521	1.0032	0.0240	0.0056	0.0079	1.1777	1.6538								
		11	-0.0306	0.0079	-0.0065	3.4808	1.9087	0.0226	0.0069	0.0063	1.5274	1.4086								
		12	-0.0126	0.0079	0.0044	3.4249	1.8197	0.0193	0.0048	0.0048	1.2673	1.2570								
571	4	10	0.898	-0.0090	44.99	1.3386	0.9276	0.0235	0.0048	0.0073	1.0400	1.5603								
		11	-0.0310	0.0089	-0.0062	3.4808	1.9087	0.0226	0.0069	0.0063	1.5274	1.4086								
		12	-0.0128	0.0089	0.0049	3.4249	1.8197	0.0193	0.0048	0.0048	1.2673	1.2570								
571	5	10	0.898	-0.0080	56.19	1.2701	0.8605	0.0221	0.0031	0.0062	0.7220	1.4082								
		11	-0.0302	0.0100	-0.0056	3.4557	1.7886	0.0155	0.0026	0.0028	0.8438	0.9232								
		12	-0.0147	0.0100	0.0053	3.4557	1.7886	0.0155	0.0026	0.0028	0.8438	0.9232								
571	6	10	0.899	-0.0069	67.49	1.1037	0.8000	0.0189	0.0012	0.0051	0.3353	1.3550								
		11	-0.0271	0.0112	-0.0046	1.1037	0.8000	0.0189	0.0012	0.0051	0.3353	1.3550								
		12	-0.0162	0.0112	0.0058	1.1037	0.8000	0.0189	0.0012	0.0051	0.3353	1.3550								
571	7	10	0.898	-0.0056	78.69															
		11	-0.0254	0.0056	-0.0040															
		12	-0.0054	0.0056	-0.0040															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	←	→	See Key	→						
571	6	12	0.0155	0.0112	0.0055	3.6103	1.7679	0.0152	0.0009	0.0018	0.3722	0.6860
		10	0.898	1.04	89.99							
		11	-0.0237	-0.0048	-0.0034	1.0151	0.7261	0.0165	-0.0006	0.0039	-0.1990	1.1790
		12	0.0156	0.0112	0.0053	3.6086	1.7173	0.0119	-0.0006	0.0010	-0.2857	0.4438
572	3	10	0.902	3.11	11.20							
		11	-0.0485	-0.0192	-0.0172	1.9884	1.7816	0.0818	0.0278	0.0277	1.7030	1.6940
		12	0.0182	0.0079	0.0062	2.1749	1.7216	0.0806	0.0302	0.0271	1.8767	1.6818
572	4	10	0.899	3.11	22.50							
		11	-0.0318	-0.0120	-0.0091	1.8982	1.4415	0.0787	0.0265	0.0265	1.6865	1.6865
		12	0.0338	0.0146	0.0116	2.1662	1.7267	0.0745	0.0276	0.0246	1.8504	1.6498
572	5	10	0.899	3.12	33.70							
		11	-0.0114	-0.0043	-0.0016	1.9094	0.7279	0.0733	0.0239	0.0246	1.6330	1.6792
		12	0.0461	0.0200	0.0161	2.1727	1.7458	0.0670	0.0239	0.0218	1.7830	1.6280
572	6	10	0.899	3.12	45.00							
		11	0.0044	0.0022	0.0038	2.5831	4.3450	0.0637	0.0197	0.0215	1.5523	1.6898
		12	0.0574	0.0252	0.0199	2.1968	1.7365	0.0573	0.0190	0.0177	1.6611	1.5483
572	7	10	0.900	3.12	56.20							
		11	0.0187	0.0080	0.0082	2.1351	2.2040	0.0515	0.0145	0.0175	1.4106	1.7069
		12	0.0633	0.0282	0.0225	2.2283	1.7781	0.0430	0.0131	0.0130	1.5286	1.5133
572	8	10	0.897	3.13	67.49							
		11	0.0304	0.0125	0.0121	2.0561	1.9973	0.0405	0.0098	0.0134	1.2209	1.6585
		12	0.0671	0.0300	0.0235	2.2405	1.7505	0.0315	0.0080	0.0086	1.2779	1.3709
572	9	10	0.899	3.13	78.69							
		11	0.0444	0.0174	0.0160	1.9594	1.8097	0.0285	0.0045	0.0090	0.7949	1.5850
		12	0.0697	0.0310	0.0242	2.2257	1.7375	0.0214	0.0034	0.0048	0.7990	1.1299
572	10	10	0.397	3.13	89.99							
		11	0.0500	0.0195	0.0182	1.9516	1.8232	0.0139	-0.0011	0.0034	-0.4101	1.2285
		12	0.0665	0.0296	0.0230	2.2326	1.7318	0.0115	-0.0006	0.0015	-0.2990	0.6558
573	1	10	0.897	6.25	11.20							
		11	-0.0154	-0.0063	-0.0050	2.0709	1.6400	0.1806	0.0600	0.0629	1.6621	1.7409
		12	0.0439	0.0159	0.0150	1.8094	1.7116	0.1758	0.0623	0.0610	1.7714	1.7359
573	2	10	0.898	6.25	22.50							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key													
573	3	11	0.0015	0.0002	0.0015	0.9633	5.1172	0.1790	0.0587	0.0626	1.6408	1.7484				
		12	0.0786	0.0290	0.0278	1.8433	1.7732	0.1490	0.0548	0.0519	1.8397	1.7433				
573	4	10	0.901	6.25	33.70	1.8049	2.1660	0.1599	0.0526	0.0559	1.6458	1.7500				
		12	0.1086	0.0412	0.0393	1.8983	1.8123	0.1164	0.0427	0.0405	1.8374	1.7433				
573	5	10	0.897	6.25	45.00	1.8238	1.9050	0.1370	0.0446	0.0473	1.6305	1.7264				
		12	0.0542	0.0197	0.0206	1.8766	1.8052	0.0819	0.0294	0.0284	1.7938	1.7362				
573	6	10	0.898	6.25	56.19	1.8332	1.7855	0.1102	0.0343	0.0378	1.5571	1.7148				
		12	0.0873	0.0320	0.0311	1.8328	1.8228	0.0556	0.0191	0.0184	1.7193	1.6600				
573	7	10	0.896	6.25	67.49	1.8508	1.7458	0.0779	0.0218	0.0264	1.4029	1.6983				
		12	0.1742	0.0634	0.0631	1.8209	1.8124	0.0383	0.0115	0.0113	1.5085	1.4829				
573	8	10	0.899	6.26	78.69	1.8253	1.7377	0.0455	0.0102	0.0149	1.1276	1.6369				
		12	0.1434	0.0523	0.0498	1.8427	1.8107	0.0281	0.0062	0.0075	1.1127	1.3411				
573	9	10	0.897	6.26	89.99	1.7885	1.7494	0.0132	-0.0011	0.0032	-0.4272	1.2333				
		12	0.1622	0.0580	0.0567	1.8829	1.7850	0.0174	0.0010	0.0031	0.2945	0.9076				
574	1	10	0.896	9.36	11.20	7.3180	1.8773	0.3071	0.0911	0.1107	1.4831	1.8033				
		12	-0.0024	-0.0036	-0.0009	1.6863	1.7968	0.2925	0.0904	0.1035	1.5464	1.7696				
574	2	10	0.898	9.36	22.50	8.8717	-0.5129	0.3003	0.0884	0.1084	1.4718	1.8045				
		12	-0.0014	-0.0025	0.0001	1.7389	1.8357	0.2487	0.0777	0.0868	1.5638	1.7461				
574	3	10	0.898	9.36	33.70	-0.7791	2.2944	0.2769	0.0817	0.1004	1.4755	1.8143				
		12	0.0066	-0.0010	0.0030	1.7449	1.8381	0.1957	0.0598	0.0683	1.5297	1.7454				
574	4	10	0.897	9.35	45.00	1.3919	1.9096	0.2251	0.0685	0.0805	1.5220	1.7895				
		12	0.0854	0.0237	0.0326	1.6312	1.8724	0.1319	0.0367	0.0469	1.3926	1.7797				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																						
574	5	10	0.898	9.36	56.19	1.5610	1.7849	0.1755	0.0540	0.0605	1.5575	1.7446												
		11	0.1519	0.0474	0.0542	1.5566	1.6783	0.0479	0.0098	0.0161	1.0269	1.6846												
		12	0.2773	0.0863	0.1042																			
574	6	10	0.897	9.36	67.49	1.6365	1.7577	0.1197	0.0348	0.0415	1.4564	1.7375												
		11	0.2093	0.0685	0.0736	1.5167	1.8606	0.0146	0.0021	0.0027	0.7191	0.9245												
		12	0.3042	0.0922	0.1132																			
574	7	10	0.897	9.37	78.69	1.6072	1.7736	0.0640	0.0156	0.0220	1.2180	1.7219												
		11	0.2592	0.0833	0.0919	1.5339	1.8485	0.0199	0.0035	0.0039	0.9003	0.9850												
		12	0.3093	0.0948	0.1143																			
574	8	10	0.900	9.37	89.99	1.5557	1.7830	0.0092	0.0022	0.0018	-1.2063	1.0027												
		11	0.2969	0.0923	0.1058	1.5978	1.8294	0.0254	0.0035	0.0057	0.7062	1.1250												
		12	0.2888	0.0923	0.1057																			
575	1	10	0.896	12.49	11.20	1.4266	1.8973	0.4142	0.0664	0.1481	0.8024	1.7876												
		11	0.0196	0.0056	0.0074	1.5461	1.8401	0.4137	0.0856	0.1462	1.0348	1.7672												
		12	0.0925	0.0286	0.0340																			
575	2	10	0.900	12.50	22.50	2.9060	2.4041	0.4199	0.0694	0.1518	0.8271	1.8078												
		11	0.0161	0.0094	0.0077	1.6034	1.8841	0.3553	0.0883	0.1246	1.2425	1.7536												
		12	0.1695	0.0543	0.0639																			
575	3	10	0.899	12.49	33.70	1.8483	2.0928	0.3991	0.0698	0.1451	0.8748	1.8183												
		11	0.0611	0.0226	0.0256	1.5643	1.8975	0.2853	0.0764	0.1000	1.3387	1.7522												
		12	0.2474	0.0774	0.0938																			
575	4	10	0.897	12.48	45.00	1.6107	1.8611	0.3309	0.0691	0.1209	1.0441	1.8268												
		11	0.1486	0.0478	0.0553	1.0179	1.8890	0.1953	0.0609	0.0708	1.5603	1.8133												
		12	0.3370	0.0686	0.1273																			
575	5	10	0.897	12.49	56.19	1.5093	1.7805	0.2385	0.0711	0.0868	1.4912	1.8212												
		11	0.2411	0.0728	0.0858	0.8666	1.8738	0.0903	0.0314	0.0348	1.7424	1.9259												
		12	0.3941	0.0683	0.1477																			
575	6	10	0.898	12.48	67.48	1.3258	1.7567	0.1689	0.0475	0.0603	1.4068	1.7869												
		11	0.3165	0.0839	0.1112	0.8238	1.8520	0.0239	0.0111	0.0077	2.3198	1.6258												
		12	0.4007	0.0660	0.1484																			
575	7	10	0.899	12.49	78.69	1.0984	1.7613	0.0884	0.0216	0.0311	1.2218	1.7579												
		11	0.3872	0.0850	0.1364	0.8094	1.8237	0.0204	0.0063	0.0044	1.5604	1.0837												
		12	0.4009	0.0649	0.1462																			

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																		
575	8	10	0.898	12.49	90.00	0.8542	1.7767	0.0066	-0.0028	0.0009	-2.1769	0.0009	0.0056	0.0009	0.0009	0.0009	0.0009	0.0009	0.7120	1.1790	
		11	0.4035	0.0689	0.1434	0.8865	1.8066	0.0239	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037
		12	0.4003	0.0709	0.1446																
576	1	10	0.897	-3.09	11.19	2.1370	1.3478	-0.0703	-0.0256	-0.0236	1.8212	-0.0236	-0.0231	-0.0231	-0.0231	-0.0231	-0.0231	-0.0231	1.6780	1.7198	
		11	-0.0131	-0.0056	-0.0035	0.8638	1.5552	-0.0672	-0.0239	-0.0239	1.8212	-0.0239	-0.0231	-0.0231	-0.0231	-0.0231	-0.0231	-0.0231	1.6780	1.7198	
		12	-0.0118	-0.0020	-0.0036																
576	2	10	0.898	-3.07	22.49	1.7815	1.4867	-0.0622	-0.0230	-0.0212	1.8539	-0.0212	-0.0220	-0.0220	-0.0220	-0.0220	-0.0220	-0.0220	1.7051	1.7433	
		11	-0.0340	-0.0121	-0.0101	1.0338	1.5339	-0.0631	-0.0227	-0.0220	1.8539	-0.0227	-0.0220	-0.0220	-0.0220	-0.0220	-0.0220	-0.0220	1.7051	1.7433	
		12	-0.0230	-0.0047	-0.0070																
576	3	10	0.898	-3.07	33.69	1.7035	1.5438	-0.0538	-0.0205	-0.0185	1.9087	-0.0185	-0.0206	-0.0206	-0.0206	-0.0206	-0.0206	-0.0206	1.7219	1.8154	
		11	-0.0536	-0.0182	-0.0165	1.1814	1.5363	-0.0569	-0.0209	-0.0206	1.9087	-0.0209	-0.0206	-0.0206	-0.0206	-0.0206	-0.0206	-0.0206	1.7219	1.8154	
		12	-0.0370	-0.0087	-0.0113																
576	4	10	0.899	-3.07	44.99	1.6718	1.5958	-0.0429	-0.0171	-0.0150	1.9968	-0.0150	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179	1.7555	1.8908	
		11	-0.0711	-0.0237	-0.0226	1.2941	1.6087	-0.0473	-0.0179	-0.0179	1.9968	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179	1.7555	1.8908	
		12	-0.0491	-0.0127	-0.0158																
576	5	10	0.898	-3.07	56.19	1.6688	1.6128	-0.0311	-0.0136	-0.0109	2.1867	-0.0109	-0.0138	-0.0138	-0.0138	-0.0138	-0.0138	-0.0138	1.7626	1.9687	
		11	-0.0865	-0.0288	-0.0279	1.3531	1.5903	-0.0350	-0.0140	-0.0138	2.1867	-0.0138	-0.0138	-0.0138	-0.0138	-0.0138	-0.0138	-0.0138	1.7626	1.9687	
		12	-0.0603	-0.0161	-0.0192																
576	6	10	0.898	-3.06	67.49	1.6663	1.6139	-0.0158	-0.0092	-0.0064	2.9204	-0.0064	-0.0095	-0.0095	-0.0095	-0.0095	-0.0095	-0.0095	2.3010	2.3024	
		11	-0.0988	-0.0329	-0.0319	1.3617	1.6439	-0.0207	-0.0098	-0.0095	2.9204	-0.0095	-0.0095	-0.0095	-0.0095	-0.0095	-0.0095	-0.0095	2.3010	2.3024	
		12	-0.0677	-0.0184	-0.0222																
576	7	10	0.900	-3.05	78.69	1.6806	1.6131	-0.0012	-0.0051	-0.0018	20.0336	-0.0018	-0.0042	-0.0042	-0.0042	-0.0042	-0.0042	-0.0042	7.3421	3.6826	
		11	-0.1043	-0.0350	-0.0336	1.3804	1.6287	-0.0057	-0.0054	-0.0042	20.0336	-0.0042	-0.0042	-0.0042	-0.0042	-0.0042	-0.0042	-0.0042	7.3421	3.6826	
		12	-0.0747	-0.0206	-0.0243																
576	8	10	0.897	-3.06	89.99	1.6777	1.6168	0.0120	-0.0017	0.0018	-0.7383	0.0018	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.7850	0.7464	
		11	-0.1068	-0.0358	-0.0345	1.4056	1.6728	0.0152	-0.0006	0.0018	-0.7383	0.0018	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.7850	0.7464	
		12	-0.0781	-0.0219	-0.0261																
577	1	10	0.898	0.02	11.19	2.0842	1.1651	0.0010	-0.0004	0.0004	-1.9333	0.0004	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	2.1830	1.3120	
		11	-0.0235	-0.0098	-0.0054	4.5886	1.6366	0.0086	-0.0037	0.0004	-1.9333	0.0004	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	2.1830	1.3120	
		12	0.0028	0.0025	0.0009																
577	2	10	0.898	0.02	22.49	1.8527	1.1653	0.0021	-0.0004	0.0006	-1.0205	0.0006	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	1.4809	1.2261	
		11	-0.0261	-0.0097	-0.0061	53.6368	5.9178	0.0074	-0.0030	0.0018	-1.0205	0.0018	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	1.4809	1.2261	
		12	0.0002	0.0027	0.0003																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →											
577	3	10	0.897	0.097	0.003	53.69	1.6733	1.1833	0.0038	-0.0004	0.0007	-0.5932	1.0168	
		11	-0.0290	-0.0097	-0.0003	-0.0068	-4.8056	0.5528	0.0080	0.0027	0.0016	1.7057	1.0366	
		12	-0.0027	0.0026	-0.0003	-0.0003								
577	4	10	0.898	0.03	0.0010	44.99	1.5610	1.2333	0.0048	-0.0007	0.0007	-0.7625	0.8134	
		11	-0.0340	-0.0106	-0.0083	-0.0083	-2.3705	0.9959	0.0086	0.0022	0.0015	1.2925	0.8823	
		12	-0.0053	0.0025	-0.0010	-0.0010								
577	5	10	0.897	0.03	0.0019	56.19	1.4829	1.2327	0.0074	-0.0006	0.0014	-0.4328	0.9471	
		11	-0.0371	-0.0110	-0.0091	-0.0091	-2.7252	1.2719	0.0070	0.0008	0.0007	0.5868	0.5414	
		12	-0.0054	0.0029	-0.0013	-0.0013								
577	6	10	0.898	0.03	0.0015	67.49	1.4296	1.2433	0.0099	-0.0008	0.0020	-0.4091	1.0194	
		11	-0.0398	-0.0113	-0.0099	-0.0099	-2.6205	1.2983	0.0074	0.0000	0.0004	0.0259	0.3030	
		12	-0.0058	0.0030	-0.0015	-0.0015								
577	7	10	0.898	0.04	0.0018	78.69	1.4273	1.3206	0.0115	-0.0011	0.0026	-0.4776	1.1457	
		11	-0.0404	-0.0115	-0.0106	-0.0106	-2.0816	1.2858	0.0100	-0.0001	0.0009	-0.0660	0.4534	
		12	-0.0071	0.0029	-0.0018	-0.0018								
577	8	10	0.898	0.04	0.0019	89.99	1.3894	1.3301	0.0144	-0.0012	0.0031	-0.4430	1.0786	
		11	-0.0401	-0.0111	-0.0106	-0.0106	-2.9097	1.7217	0.0125	-0.0003	0.0015	-0.1226	0.6041	
		12	-0.0057	0.0033	-0.0019	-0.0019								
578	1	10	0.896	1.05	0.0024	11.20	1.9606	1.3116	0.0252	0.0076	0.0084	1.5157	1.6743	
		11	-0.0367	-0.0144	-0.0096	-0.0096	2.9115	1.6484	0.0315	0.0121	0.0095	1.9192	1.5175	
		12	0.0074	0.0043	0.0024	0.0024								
578	2	10	0.896	1.05	0.0036	22.50	1.8154	1.2662	0.0256	0.0075	0.0086	1.4604	1.6738	
		11	-0.0350	-0.0127	-0.0088	-0.0088	3.1738	1.9087	0.0285	0.0107	0.0088	1.8773	1.5435	
		12	0.0096	0.0061	0.0036	0.0036								
578	3	10	0.896	1.06	0.0044	33.69	1.6379	1.1458	0.0266	0.0072	0.0081	1.3548	1.5238	
		11	-0.0359	-0.0117	-0.0082	-0.0082	3.4609	2.0432	0.0273	0.0095	0.0077	1.7490	1.4144	
		12	0.0108	0.0075	0.0044	0.0044								
578	4	10	0.898	1.06	0.0047	44.99	1.5093	1.1302	0.0238	0.0055	0.0076	1.1610	1.6022	
		11	-0.0362	-0.0109	-0.0082	-0.0082	3.5877	1.9322	0.0229	0.0072	0.0062	1.5930	1.3568	
		12	0.0122	0.0088	0.0047	0.0047								
578	5	10	0.899	1.06	0.0078	56.19	1.4059	1.0775	0.0224	0.0042	0.0066	0.9456	1.4936	
		11	-0.0365	-0.0102	-0.0078	-0.0078								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	0.0145	0.0102	0.0055	5.50+1	1.8909	0.0114	0.0044	0.0040	1.2628	1.1725
578	6	10	0.896	1.07	67.49	1.3211	1.0189	0.0206	0.0026	0.0060	0.6536	1.4759
		11	-0.0379	-0.0100	-0.0077	3.6394	1.9499	0.0143	0.0025	0.0027	0.8774	0.9504
		12	0.0149	0.0108	0.0058							
578	7	10	0.895	1.07	78.69	1.2585	1.0192	0.0200	0.0012	0.0051	0.3142	1.2845
		11	-0.0342	-0.0086	-0.0069	3.7042	1.8344	0.0127	0.0008	0.0018	0.3394	0.7164
		12	0.0150	0.0111	0.0055							
578	8	10	0.899	1.07	89.99	1.1786	0.9762	0.0167	-0.0009	0.0037	-0.2748	1.1134
		11	-0.0309	-0.0072	-0.0060	3.8015	1.7970	0.0109	-0.0007	0.0007	-0.3599	0.3419
		12	0.0144	0.0109	0.0051							
579	1	10	0.896	3.12	11.20	1.8475	1.7497	0.0794	0.0266	0.0266	1.6748	1.6772
		11	-0.0660	-0.0244	-0.0231	2.1888	1.7135	0.0812	0.0305	0.0265	1.8828	1.6347
		12	0.0210	0.0092	0.0072							
579	2	10	0.898	3.12	22.50	1.9260	1.6237	0.0797	0.0261	0.0262	1.6411	1.6489
		11	-0.0620	-0.0239	-0.0201	2.1655	1.7346	0.0744	0.0277	0.0242	1.8659	1.6273
		12	0.0348	0.0150	0.0120							
579	3	10	0.895	3.13	33.70	2.0406	1.1695	0.0734	0.0235	0.0243	1.6046	1.6564
		11	-0.0332	-0.0135	-0.0077	2.1836	1.7442	0.0660	0.0237	0.0209	1.7945	1.5851
		12	0.0479	0.0209	0.0167							
579	4	10	0.897	3.13	45.00	2.3085	0.0595	0.0642	0.0194	0.0210	1.5160	1.6367
		11	-0.0104	-0.0048	-0.0001	2.2076	1.7538	0.0553	0.0185	0.0172	1.6727	1.5592
		12	0.0567	0.0250	0.0199							
579	5	10	0.901	3.13	56.20	1.8677	4.3470	0.0535	0.0149	0.0176	1.3978	1.6504
		11	0.0061	0.0023	0.0053	2.2295	1.7878	0.0434	0.0134	0.0129	1.5503	1.4912
		12	0.0643	0.0287	0.0230							
579	6	10	0.902	3.13	67.49	2.0104	2.3048	0.0419	0.0100	0.0133	1.1965	1.5871
		11	0.0215	0.0086	0.0099	2.2258	1.7489	0.0326	0.0083	0.0085	1.2836	1.3152
		12	0.0692	0.0308	0.0242							
579	7	10	0.902	3.13	78.69	1.9598	1.9534	0.0289	0.0044	0.0088	0.7743	1.5202
		11	0.0361	0.0141	0.0141	2.2294	1.7529	0.0223	0.0036	0.0048	0.8147	1.0738
		12	0.0706	0.0315	0.0247							
579	8	10	0.901	3.14	89.99							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
580	1	11	0.0410	0.0162	0.0129	1.9833	1.9465	0.0125	-0.0015	0.0032	-0.5612	1.1973						
		12	0.0681	0.0303	0.0233	2.2269	1.7107	0.0120	-0.0005	0.0013	-0.2514	0.5622						
580	2	10	0.897	6.23	11.20	2.0914	1.6796	0.1752	0.0580	0.0607	1.6557	1.7336						
		12	-0.0313	-0.0131	-0.0105	1.8385	1.7585	0.1794	0.0636	0.0619	1.7729	1.7269						
580	3	10	0.899	6.24	22.50	1.6860	1.5360	0.1743	0.0569	0.0607	1.6339	1.7427						
		12	-0.0187	-0.0063	-0.0057	1.8639	1.7720	0.1517	0.0555	0.0523	1.6513	1.7243						
580	4	10	0.898	6.24	33.70	1.7093	2.3811	0.1580	0.0516	0.0544	1.6343	1.7227						
		12	0.0134	0.0046	0.0064	1.8968	1.7834	0.1191	0.0438	0.0413	1.6377	1.7358						
580	5	10	0.900	6.24	45.00	1.7374	1.9265	0.1361	0.0440	0.0463	1.6194	1.7012						
		12	0.0446	0.0155	0.0172	1.8745	1.8005	0.0835	0.0300	0.0290	1.7969	1.7416						
580	6	10	0.900	6.24	56.19	1.7851	1.8029	0.1072	0.0331	0.0366	1.5442	1.7090						
		12	0.0801	0.0285	0.0288	1.8375	1.8204	0.0567	0.0192	0.0185	1.6967	1.6510						
580	7	10	0.897	6.25	67.49	1.8225	1.7474	0.0796	0.0223	0.0267	1.4010	1.6778						
		12	0.1108	0.0404	0.0387	1.8194	1.8188	0.0393	0.0117	0.0116	1.4970	1.4600						
580	8	10	0.898	6.25	78.69	1.8152	1.7466	0.0440	0.0096	0.0144	1.0914	1.6356						
		12	0.1350	0.0490	0.0471	1.8481	1.7989	0.0280	0.0060	0.0070	1.0707	1.2628						
580	9	10	0.899	6.25	89.99	1.8847	1.7596	0.0183	-0.0021	0.0028	-0.9807	0.9277						
		12	0.1580	0.0563	0.0556	5.2267	1.8132	0.3022	0.0923	0.1061	1.4897	1.7895						
581	1	10	0.900	9.35	11.20	1.6967	1.8132	0.3010	0.0923	0.1066	1.5530	1.7705						
		12	-0.0053	-0.0055	-0.0020	6.1887	0.5173	0.2934	0.0867	0.1056	1.4775	1.7994						
581	2	10	0.899	9.35	22.50	1.7365	1.8341	0.2582	0.0800	0.1086	1.5498	1.7351						
		12	-0.0030	-0.0037	-0.0003	1.7365	1.8341	0.2582	0.0800	0.1086	1.5498	1.7351						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key

Run Pt. Cd

581	3	10	0.899	9.55	33.70	-0.5095	2.4419	0.2700	0.0798	0.0974	1.4788	1.6053
		11	0.0062	-0.0006	0.0030	1.7485	1.8555	0.2021	0.0617	0.0697	1.5274	1.7261
		12	0.1748	0.0611	0.0648							
581	4	10	0.898	9.35	45.00	1.3732	1.9459	0.2233	0.0680	0.0797	1.5237	1.7861
		11	0.0692	0.0190	0.0269	1.6325	1.8701	0.1372	0.0384	0.0478	1.4019	1.7435
		12	0.2321	0.0758	0.0868							
581	5	10	0.898	9.35	56.19	1.5485	1.8047	0.1707	0.0529	0.0595	1.5530	1.7443
		11	0.1450	0.0449	0.0523	1.5577	1.8847	0.0525	0.0111	0.0173	1.0636	1.6526
		12	0.2767	0.0862	0.1043							
581	6	10	0.898	9.35	67.49	1.6284	1.7623	0.1185	0.0342	0.0410	1.4425	1.7326
		11	0.2057	0.0670	0.0725	1.5191	1.8684	0.0169	0.0023	0.0030	0.6962	0.8970
		12	0.3036	0.0922	0.1134							
581	7	10	0.899	9.36	78.69	1.6069	1.7711	0.0635	0.0150	0.0216	1.1874	1.7008
		11	0.2559	0.0822	0.0906	1.5339	1.8531	0.0211	0.0038	0.0041	0.9111	0.9691
		12	0.3088	0.0947	0.1144							
581	8	10	0.900	9.36	89.99	1.5538	1.7854	0.0081	-0.0027	0.0012	-1.6883	0.7651
		11	0.2950	0.0916	0.1053	1.5964	1.8292	0.0269	0.0037	0.0057	0.6951	1.0706
		12	0.2891	0.0923	0.1057							
582	1	10	0.898	12.48	11.20	1.0995	1.7155	0.4126	0.0690	0.1478	0.8362	1.7915
		11	0.0286	0.0062	0.0098	1.5641	1.8473	0.4212	0.0839	0.1481	0.9968	1.7586
		12	0.0959	0.0300	0.0354							
582	2	10	0.901	12.47	22.50	2.3716	2.1058	0.4141	0.0698	0.1494	0.8429	1.8046
		11	0.0208	0.0098	0.0087	1.6158	1.8775	0.3618	0.0882	0.1267	1.2189	1.7518
		12	0.1735	0.0560	0.0651							
582	3	10	0.897	12.47	33.71	1.8250	2.0811	0.3930	0.0694	0.1425	0.8829	1.8128
		11	0.0492	0.0179	0.0205	1.5697	1.8972	0.2890	0.0774	0.1012	1.3599	1.7509
		12	0.2484	0.0779	0.0942							
582	4	10	0.899	12.48	45.00	1.6087	1.8531	0.3240	0.0690	0.1183	1.0651	1.8257
		11	0.1453	0.0467	0.0538	1.0160	1.8881	0.1988	0.0615	0.0714	1.5480	1.7962
		12	0.3402	0.0691	0.1284							

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																						
582	5	10	0.898	12.46	56.20																			
			0.2381	0.0715	0.0844																			
			0.3952	0.0683	0.1478																			
582	6	10	0.901	12.46	67.48																			
			0.3142	0.0834	0.1099																			
			0.3993	0.0649	0.1475																			
582	7	10	0.902	12.47	78.69																			
			0.3836	0.0850	0.1349																			
			0.3987	0.0651	0.1449																			
582	8	10	0.902	12.47	90.00																			
			0.4011	0.0690	0.1423																			
			0.4023	0.0724	0.1451																			
583	1	10	0.901	-3.08	11.19																			
			-0.0144	-0.0062	-0.0038																			
			-0.0106	-0.0017	-0.0033																			
583	2	10	0.900	-3.07	22.49																			
			-0.0362	-0.0128	-0.0106																			
			-0.0235	-0.0048	-0.0068																			
583	3	10	0.899	-3.05	33.69																			
			-0.0552	-0.0188	-0.0171																			
			-0.0366	-0.0085	-0.0116																			
583	4	10	0.899	-3.06	44.99																			
			-0.0733	-0.0247	-0.0234																			
			-0.0486	-0.0124	-0.0154																			
583	5	10	0.900	-3.05	56.19																			
			-0.0901	-0.0303	-0.0285																			
			-0.0596	-0.0157	-0.0188																			
583	6	10	0.900	-3.03	67.49																			
			-0.1018	-0.0344	-0.0328																			
			-0.0671	-0.0182	-0.0220																			
583	7	10	0.899	-3.04	78.69																			
			-0.1084	-0.0367	-0.0350																			

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
			-0.0713	-0.0196	-0.0255	1.3769	1.6530	-0.0018	-0.0043	-0.0036	12.0048	10.1134						
583	8	10	0.901	-3.04	69.99													
		11	-0.1111	-0.0380	-0.0361	1.7117	1.6250	0.0097	-0.0029	0.0007	-1.4957	0.4033						
		12	-0.0742	-0.0204	-0.0245	1.3756	1.6545	0.0157	0.0008	0.0024	0.2572	0.7685						
584	1	10	0.899	0.02	11.19													
		11	-0.0225	-0.0098	-0.0057	2.1839	1.2882	0.0005	-0.0009	0.0000	-7.9090	0.0066						
		12	-0.0026	0.0026	0.0010	5.0897	2.0175	0.0104	0.0039	0.0025	1.9120	1.2320						
584	2	10	0.896	0.03	22.49													
		11	-0.0243	-0.0094	-0.0061	1.9407	1.2538	0.0013	-0.0009	-0.0003	-3.6141	-1.1974						
		12	0.0010	0.0032	0.0006	14.9428	2.7993	0.0107	0.0037	0.0025	1.7413	1.2012						
584	3	10	0.899	0.04	33.69													
		11	-0.0280	-0.0098	-0.0068	1.7470	1.2192	0.0013	-0.0013	-0.0001	-4.9657	-0.5752						
		12	-0.0004	0.0033	0.0003	-37.8258	-3.4675	0.0081	0.0023	0.0013	1.4534	0.8402						
584	4	10	0.899	0.04	44.99													
		11	-0.0332	-0.0108	-0.0088	1.6311	1.3258	0.0036	-0.0012	0.0003	-1.7102	0.4330						
		12	-0.0030	0.0032	-0.0006	-5.3978	0.9954	0.0087	0.0020	0.0015	1.1970	0.8687						
584	5	10	0.900	0.05	56.19													
		11	-0.0365	-0.0113	-0.0095	1.5543	1.3097	0.0062	-0.0011	0.0007	-0.9186	0.6259						
		12	-0.0049	0.0031	-0.0010	-3.1953	1.0682	0.0099	0.0015	0.0013	0.7812	0.6842						
584	6	10	0.900	0.04	67.49													
		11	-0.0382	-0.0113	-0.0101	1.4837	1.3291	0.0087	-0.0013	0.0014	-0.7515	0.8005						
		12	-0.0052	0.0034	-0.0013	-3.3007	1.3082	0.0088	0.0002	0.0009	0.1529	0.5096						
584	7	10	0.897	0.04	78.69													
		11	-0.0393	-0.0115	-0.0106	1.4663	1.3563	0.0123	-0.0011	0.0021	-0.4520	0.8887						
		12	-0.0055	0.0034	-0.0015	-3.1056	1.3654	0.0121	0.0003	0.0015	0.1439	0.6203						
584	8	10	0.900	0.05	89.99													
		11	-0.0392	-0.0111	-0.0104	1.4142	1.3345	0.0148	-0.0012	0.0024	-0.4315	0.8412						
		12	-0.0047	0.0037	-0.0015	-3.8775	1.5672	0.0144	0.0000	0.0016	0.0206	0.5724						
585	1	10	0.898	1.05	11.19													
		11	-0.0368	-0.0147	-0.0097	1.9980	1.3221	0.0225	0.0067	0.0074	1.4882	1.6521						
		12	0.0091	0.0049	0.0030	2.7047	1.6730	0.0334	0.0126	0.0102	1.8927	1.5375						
585	2	10	0.899	1.06	22.49													

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key																							
585	3	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
585	4	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
585	5	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
585	6	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
585	7	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
585	8	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
586	1	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
586	2	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
586	3	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
586	4	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
586	5	10	0.900	5.14	56.20	2.0234	0.6810	0.0566	0.0153	0.0180	1.3558	1.5909	0.0653	-0.0099	-0.0033	2.2317	1.7455	0.0409	0.0126	0.0120	1.5444	1.4715
	11	12	-0.0245	-0.0099	-0.0033	2.2317	0.6810	0.0566	0.0153	0.0180	1.3558	1.5909	0.0653	-0.0099	-0.0033	2.2317	1.7455	0.0409	0.0126	0.0120	1.5444	1.4715
	12	12	0.0653	0.0291	0.0228	2.2317	1.7455	0.0409	0.0126	0.0120	1.5444	1.4715	0.0653	-0.0099	-0.0033	2.2317	1.7455	0.0409	0.0126	0.0120	1.5444	1.4715
586	6	10	0.900	3.15	67.49	3.8099	-8.8389	0.0424	0.0097	0.0134	1.1482	1.5851	-0.0023	-0.0018	0.0041	2.2555	1.7522	0.0303	0.0077	0.0080	1.2727	1.3291
	11	12	-0.0023	-0.0018	0.0041	3.8099	-8.8389	0.0424	0.0097	0.0134	1.1482	1.5851	-0.0023	-0.0018	0.0041	2.2555	1.7522	0.0303	0.0077	0.0080	1.2727	1.3291
	12	12	0.0685	0.0309	0.0240	3.8099	-8.8389	0.0424	0.0097	0.0134	1.1482	1.5851	0.0685	0.0309	0.0240	2.2555	1.7522	0.0303	0.0077	0.0080	1.2727	1.3291
586	7	10	0.899	3.15	78.69	1.6994	2.9801	0.0293	0.0042	0.0090	0.7314	1.5516	0.0166	0.0056	0.0098	1.6994	2.9801	0.0293	0.0042	0.0090	0.7314	1.5516
	11	12	0.0166	0.0056	0.0098	1.6994	2.9801	0.0293	0.0042	0.0090	0.7314	1.5516	0.0166	0.0056	0.0098	1.6994	2.9801	0.0293	0.0042	0.0090	0.7314	1.5516
	12	12	0.0694	0.0312	0.0243	1.6994	2.9801	0.0293	0.0042	0.0090	0.7314	1.5516	0.0694	0.0312	0.0243	1.6994	2.9801	0.0293	0.0042	0.0090	0.7314	1.5516
586	8	10	0.897	3.15	89.99	1.8975	2.5517	0.0175	-0.0005	0.0039	-0.1545	1.1176	0.0242	0.0092	0.0123	1.8975	2.5517	0.0175	-0.0005	0.0039	-0.1545	1.1176
	11	12	0.0242	0.0092	0.0123	1.8975	2.5517	0.0175	-0.0005	0.0039	-0.1545	1.1176	0.0242	0.0092	0.0123	1.8975	2.5517	0.0175	-0.0005	0.0039	-0.1545	1.1176
	12	12	0.0677	0.0303	0.0236	1.8975	2.5517	0.0175	-0.0005	0.0039	-0.1545	1.1176	0.0677	0.0303	0.0236	1.8975	2.5517	0.0175	-0.0005	0.0039	-0.1545	1.1176
587	1	10	0.900	6.24	11.20	2.0254	1.7433	0.1719	0.0567	0.0594	1.6507	1.7284	-0.0568	-0.0230	-0.0198	2.0254	1.7433	0.1719	0.0567	0.0594	1.6507	1.7284
	11	12	-0.0568	-0.0230	-0.0198	2.0254	1.7433	0.1719	0.0567	0.0594	1.6507	1.7284	-0.0568	-0.0230	-0.0198	2.0254	1.7433	0.1719	0.0567	0.0594	1.6507	1.7284
	12	12	0.0495	0.0182	0.0167	2.0254	1.7433	0.1719	0.0567	0.0594	1.6507	1.7284	0.0495	0.0182	0.0167	2.0254	1.7433	0.1719	0.0567	0.0594	1.6507	1.7284
587	2	10	0.900	6.24	22.50	1.8359	1.6844	0.1712	0.0554	0.0594	1.6197	1.7360	-0.0505	-0.0185	-0.0170	1.8359	1.6844	0.1712	0.0554	0.0594	1.6197	1.7360
	11	12	-0.0505	-0.0185	-0.0170	1.8359	1.6844	0.1712	0.0554	0.0594	1.6197	1.7360	-0.0505	-0.0185	-0.0170	1.8359	1.6844	0.1712	0.0554	0.0594	1.6197	1.7360
	12	12	0.0822	0.0309	0.0294	1.8359	1.6844	0.1712	0.0554	0.0594	1.6197	1.7360	0.0822	0.0309	0.0294	1.8359	1.6844	0.1712	0.0554	0.0594	1.6197	1.7360
587	3	10	0.898	6.24	33.70	1.6589	0.9785	0.1526	0.0496	0.0528	1.6261	1.7297	-0.0132	-0.0043	-0.0025	1.6589	0.9785	0.1526	0.0496	0.0528	1.6261	1.7297
	11	12	-0.0132	-0.0043	-0.0025	1.6589	0.9785	0.1526	0.0496	0.0528	1.6261	1.7297	-0.0132	-0.0043	-0.0025	1.6589	0.9785	0.1526	0.0496	0.0528	1.6261	1.7297
	12	12	0.1128	0.0429	0.0407	1.6589	0.9785	0.1526	0.0496	0.0528	1.6261	1.7297	0.1128	0.0429	0.0407	1.6589	0.9785	0.1526	0.0496	0.0528	1.6261	1.7297
587	4	10	0.899	6.25	45.00	1.7007	2.1022	0.1327	0.0429	0.0450	1.6162	1.6978	0.0318	0.0108	0.0133	1.7007	2.1022	0.1327	0.0429	0.0450	1.6162	1.6978
	11	12	0.0318	0.0108	0.0133	1.7007	2.1022	0.1327	0.0429	0.0450	1.6162	1.6978	0.0318	0.0108	0.0133	1.7007	2.1022	0.1327	0.0429	0.0450	1.6162	1.6978
	12	12	0.1405	0.0527	0.0509	1.7007	2.1022	0.1327	0.0429	0.0450	1.6162	1.6978	0.1405	0.0527	0.0509	1.7007	2.1022	0.1327	0.0429	0.0450	1.6162	1.6978
587	5	10	0.898	6.25	56.20	1.7479	1.8357	0.1063	0.0328	0.0360	1.5419	1.6941	0.0704	0.0246	0.0258	1.7479	1.8357	0.1063	0.0328	0.0360	1.5419	1.6941
	11	12	0.0704	0.0246	0.0258	1.7479	1.8357	0.1063	0.0328	0.0360	1.5419	1.6941	0.0704	0.0246	0.0258	1.7479	1.8357	0.1063	0.0328	0.0360	1.5419	1.6941
	12	12	0.1626	0.0595	0.0595	1.7479	1.8357	0.1063	0.0328	0.0360	1.5419	1.6941	0.1626	0.0595	0.0595	1.7479	1.8357	0.1063	0.0328	0.0360	1.5419	1.6941
587	6	10	0.900	6.25	67.49	1.7990	1.7823	0.0775	0.0215	0.0254	1.3891	1.6407	0.1024	0.0368	0.0365	1.7990	1.7823	0.0775	0.0215	0.0254	1.3891	1.6407
	11	12	0.1024	0.0368	0.0365	1.7990	1.7823	0.0775	0.0215	0.0254	1.3891	1.6407	0.1024	0.0368	0.0365	1.7990	1.7823	0.0775	0.0215	0.0254	1.3891	1.6407
	12	12	0.1750	0.0638	0.0637	1.7990	1.7823	0.0775	0.0215	0.0254	1.3891	1.6407	0.1750	0.0638	0.0637	1.7990	1.7823	0.0775	0.0215	0.0254	1.3891	1.6407
587	7	10	0.899	6.25	78.69	1.8043	1.7622	0.0445	0.0095	0.0143	1.0730	1.6129	0.1297	0.0468	0.0457	1.8043	1.7622	0.0445	0.0095	0.0143	1.0730	1.6129
	11	12	0.1297	0.0468	0.0457	1.8043	1.7622	0.0445	0.0095	0.0143	1.0730	1.6129	0.1297	0.0468	0.0457	1.8043	1.7622	0.0445	0.0095	0.0143	1.0730	1.6129
	12	12	0.1739	0.0644	0.0630	1.8043	1.7622	0.0445	0.0095	0.0143	1.0730	1.6129	0.1739	0.0644	0.0630	1.8043	1.7622	0.0445	0.0095	0.0143	1.0730	1.6129

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key ← →

Run	Pt.	Cd																							
587	8	10	0.899	6.25	76.69	1.8038	1.7512	0.0459	0.0099	0.0145	1.0828	1.5831													
		11	0.1324	0.0477	0.0463	1.8444	1.7998	0.0283	0.0060	0.0068	1.0713	1.2081													
		12	0.1765	0.0651	0.0635																				
587	9	10	0.900	6.25	89.99	1.7824	1.7659	0.0122	-0.0017	0.0021	-0.7213	0.8908													
		11	0.1537	0.0548	0.0543	1.8828	1.7755	0.0156	0.0003	0.0018	0.0977	0.5802													
		12	0.1665	0.0627	0.0591																				
588	1	10	0.900	9.35	11.20	4.6055	1.9468	0.2928	0.0875	0.1045	1.4955	1.7859													
		11	-0.0142	-0.0131	-0.0055	1.6923	1.7993	0.3114	0.0791	0.1097	1.2703	1.7621													
		12	0.0755	0.0255	0.0271																				
588	2	10	0.900	9.37	22.51	2.9100	1.6035	0.2873	0.0849	0.1028	1.4784	1.7886													
		11	-0.0167	-0.0097	-0.0053	1.7395	1.8319	0.2661	0.0767	0.0925	1.4422	1.7387													
		12	0.1294	0.0450	0.0474																				
588	3	10	0.899	9.36	33.71	-3.4017	2.9859	0.2646	0.0783	0.0950	1.4796	1.7967													
		11	0.0022	-0.0015	0.0013	1.7434	1.8460	0.2126	0.0652	0.0732	1.5343	1.7214													
		12	0.1798	0.0626	0.0663																				
588	4	10	0.899	9.36	45.01	1.2158	1.8715	0.2211	0.0671	0.0785	1.5189	1.7760													
		11	0.0507	0.0123	0.0189	1.6314	1.8654	0.1426	0.0404	0.0498	1.4175	1.7497													
		12	0.2364	0.0771	0.0882																				
588	5	10	0.899	9.35	56.20	1.5286	1.7979	0.1701	0.0525	0.0593	1.5448	1.7429													
		11	0.1389	0.0424	0.0499	1.5528	1.8740	0.0572	0.0126	0.0189	1.1016	1.6577													
		12	0.2803	0.0870	0.1050																				
588	6	10	0.899	9.35	67.49	1.6320	1.7574	0.1180	0.0338	0.0409	1.4324	1.7338													
		11	0.2024	0.0660	0.0711	1.5143	1.8680	0.0164	0.0022	0.0024	0.6852	0.7401													
		12	0.3049	0.0923	0.1139																				
588	7	10	0.900	9.36	78.69	1.6137	1.7730	0.0639	0.0152	0.0045	1.1930	1.7174													
		11	0.2545	0.0821	0.0902	1.5326	1.8493	0.0230	0.0042	0.0045	0.9100	0.9838													
		12	0.3093	0.0948	0.1144																				
588	8	10	0.897	9.36	89.99	1.5599	1.7842	0.0080	-0.0028	0.0010	-1.8119	0.6872													
		11	0.2909	0.0907	0.1038	1.6053	1.8307	0.0281	0.0039	0.0059	0.7114	1.0552													
		12	0.2876	0.0923	0.1053																				
589	1	10	0.901	12.50	11.20	0.8657	1.7123	0.4134	0.0720	0.1474	0.8708	1.7837													
		11	0.0556	0.0096	0.0190																				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd	0.1005	0.0521	0.0370	1.5974	1.8449	0.4554	0.0814	0.1527	0.9355	1.7541
589	2	10	0.899	12.50	22.51	1.2914	2.7542	0.4094	0.0700	0.1476	0.8561	1.8028
		11	0.0036	0.0009	0.0019	1.6247	1.8732	0.3686	0.0873	0.1291	1.1847	1.7510
		12	0.1774	0.0576	0.0664	1.8292	2.0921	0.3869	0.0699	0.1402	0.9036	1.8123
589	3	10	0.899	12.49	33.71	1.5576	1.8963	0.3011	0.0797	0.1048	1.3236	1.7408
		11	0.0377	0.0138	0.0158	1.6017	1.8333	0.3183	0.0691	0.1158	1.0861	1.8189
		12	0.2538	0.0790	0.0962	0.9973	1.8838	0.2029	0.0635	0.0727	1.5642	1.7913
589	4	10	0.899	12.48	45.01	1.5031	1.7737	0.2333	0.0695	0.0846	1.4909	1.8134
		11	0.1400	0.0448	0.0513	0.8635	1.8715	0.0992	0.0344	0.0373	1.7349	1.8829
		12	0.3450	0.0688	0.1300	1.3352	1.7587	0.1670	0.0466	0.0592	2.2251	1.7746
589	5	10	0.901	12.46	56.20	0.8165	1.8478	0.0276	0.0122	0.0088	1.3964	1.5945
		11	0.2350	0.0706	0.0833	1.1035	1.7582	0.0887	0.0215	0.0305	1.2159	1.7219
		12	0.3958	0.0683	0.1481	0.8169	1.8203	0.0253	0.0076	0.0054	1.5170	1.0772
589	6	10	0.899	12.47	67.49	0.8594	1.7733	0.0065	-0.0031	0.0004	-2.3933	0.3612
		11	0.3097	0.0827	0.1089	0.8916	1.8036	0.0354	0.0078	0.0091	1.1105	1.2834
		12	0.3982	0.0650	0.1471	57.7746	-20.3932	-0.0013	-0.0031	0.0006	11.5243	-2.5046
589	7	10	0.899	12.48	78.69	1.7552	1.1508	0.0135	0.0077	0.0031	2.8543	1.1513
		11	0.3835	0.0846	0.1348	-4.3349	4.9512	0.0025	-0.0006	0.0018	-1.2473	3.6140
		12	0.4009	0.0655	0.1459	1.4180	1.1621	0.0098	0.0050	0.0022	-2.5510	1.1331
589	8	10	0.898	12.48	90.00	3.9066	1.0553	0.1064	0.0326	0.0362	1.5330	1.7019
		11	0.4008	0.0689	0.1421	1.3204	1.1926	0.1128	0.0395	0.0374	1.7541	1.6602
		12	0.4006	0.0714	0.1445	1.250	6.31	-0.00	-0.00	-0.00	-0.00	-0.00
590	3	10	1.250	-0.003	-0.0017							
		11	0.0004	-0.0050	0.0039							
		12	0.00171	0.0060	0.0033							
590	4	10	1.249	-0.003	-0.0026							
		11	0.0027	-0.0023	0.0026							
		12	0.0145	0.0041	0.0033							
591	1	10	1.250	4.20	-0.00							
		11	-0.0080	-0.0062	-0.0016							
		12	-0.0142	0.0037	0.0033							
591	2	10	1.250	6.31	-0.00							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
591	3	11	-0.0065	-0.0047	-0.0007	5.6236	0.6016	0.1790	0.0503	0.0618	1.4066	1.7277							
		12	0.0141	0.0040	0.0034	1.4266	1.2368	0.1670	0.0556	0.0642	1.4868	1.7190							
591	4	10	1.249	7.44	-0.00														
		11	-0.0083	-0.0048	-0.0007	2.9302	0.4639	0.2189	0.0574	0.0765	1.3124	1.7483							
591	5	11	0.0146	0.0046	0.0037	1.5971	1.2655	0.2222	0.0619	0.0773	1.3927	1.7402							
		12	1.251	5.29	-0.00	3.6635	0.8396	0.1356	0.0407	0.0463	1.5019	1.7071							
591	1	11	-0.0073	-0.0053	-0.0012	1.0865	1.2737	0.1430	0.0462	0.0481	1.6163	1.6838							
		12	0.0132	0.0028	0.0033	4.1086	0.1930	0.2998	0.0686	0.1062	1.1442	1.7708							
592	2	10	1.249	9.48	-0.00	1.7028	1.1985	0.3007	0.0728	0.1060	1.2115	1.7630							
		11	-0.0057	-0.0046	-0.0002														
592	1	11	0.0140	0.0047	0.0033	2.5984	-0.0126	0.2172	0.0572	0.0757	1.3166	1.7441							
		12	1.251	7.42	-0.00	1.0865	1.2737	0.2158	0.0605	0.0746	1.4022	1.7278							
592	2	10	-0.0056	-0.0029	0.0000														
		11	0.0133	0.0029	0.0033	2.5348	0.2684	0.3024	0.0689	0.1069	1.1401	1.7573							
593	1	10	1.251	9.48	-0.00	1.3648	1.1034	0.2961	0.0723	0.1040	1.2214	1.7573							
		11	-0.0060	-0.0032	-0.0003														
593	2	10	0.0118	0.0032	0.0026	4.4202	1.2379	0.1017	0.0309	0.0367	1.5227	1.7325							
		11	1.251	4.22	-0.00	1.0865	1.2305	0.1107	0.0391	0.0367	1.7689	1.6573							
593	3	10	-0.0072	-0.0028	0.0032	4.2810	0.6801	0.1774	0.0500	0.0618	1.4102	1.7417							
		11	0.0132	0.0035	0.0033	1.3329	1.2668	0.1834	0.0550	0.0632	1.4992	1.7231							
593	1	10	1.250	6.32	-0.00	5.6025	0.1595	0.2584	0.0632	0.0916	1.2244	1.7727							
		11	-0.0049	-0.0042	-0.0006	1.4644	1.2133	0.2636	0.0688	0.0926	1.3064	1.7570							
594	2	10	-0.0132	0.0035	0.0033														
		11	1.251	8.44	-0.00	-0.2237	2.9609	-0.0018	-0.0008	-0.0003	2.4413	0.8557							
594	1	10	-0.0036	-0.0039	0.0032	2.1099	0.9967	0.0102	0.0041	0.0030	2.0007	1.4725							
		11	0.900	-0.003	-0.00	11.9048	-7.2240	-0.0075	-0.0030	-0.0014	2.0290	0.9395							
594	2	10	0.0051	-0.0002	0.0030	12.1227	1.1850	0.0154	0.0061	-0.0042	1.9936	1.3821							
		11	0.0069	0.0025	0.0013														
594	1	10	-0.0010	-0.0025	0.0015														
		11	0.0116	-0.0049	0.0027														

See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
595	1	10	0.899	5.23	-0.009	7.2552	1.6834	0.1294	0.0441	0.0449	1.7052	1.7350								
	11	11	-0.0027	-0.0040	-0.0009	2.2419	0.8517	0.1407	0.0494	0.0482	1.7551	1.7143								
	12	12	0.0054	0.0024	0.0009															
595	2	10	0.902	3.13	-0.00	2.9216	1.4797	0.0601	0.0189	0.0208	1.5719	1.7376								
	11	11	-0.0093	-0.0054	-0.0027	2.3289	1.1484	0.0739	0.0263	0.0250	1.7844	1.6932								
	12	12	0.0060	0.0028	0.0013															
596	1	10	0.901	8.33	-0.00	2.0476	125.6603	0.2575	0.0812	0.0906	1.5781	1.7599								
	11	11	0.0000	-0.0023	0.0007															
	12	12	0.0043	0.0017	0.0006															
596	2	10	0.900	6.28	-0.00	-2.8271	3.3356	0.1679	0.0568	0.0586	1.6915	1.7467								
	11	11	0.0025	-0.0014	0.0016	1.9974	0.7411	0.1707	0.0583	0.0587	1.7087	1.7207								
	12	12	0.0041	0.0016	0.0006															
597	1	10	0.900	6.27	-0.00	9.1638	0.8326	0.1649	0.0556	0.0570	1.6868	1.7300								
	11	11	-0.0019	-0.0034	-0.0003	2.0291	0.8643	0.1754	0.0595	0.0610	1.6964	1.7390								
	12	12	0.0053	0.0021	0.0009															
597	2	10	0.900	8.35	-0.00	8.8498	0.4436	0.2557	0.0808	0.0902	1.5812	1.7653								
	11	11	-0.0018	-0.0032	-0.0001	2.0291	0.8643	0.2648	0.0843	0.0942	1.5917	1.7787								
	12	12	0.0053	0.0021	0.0009															
597	3	10	0.901	4.18	-0.00	3.7963	1.8621	0.0925	0.0309	0.0322	1.6744	1.7427								
	11	11	-0.0070	-0.0053	-0.0026	2.2715	0.8192	0.1026	0.0363	0.0347	1.7725	1.6917								
	12	12	0.0056	0.0025	0.0009															
598	1	10	0.900	3.14	-0.00	3.3217	1.4488	0.0574	0.0181	0.0197	1.5787	1.7221								
	11	11	-0.0074	-0.0049	-0.0021	2.4508	0.9814	0.0713	0.0252	0.0239	1.7695	1.6791								
	12	12	0.0054	0.0026	0.0010															
598	2	10	0.900	5.23	-0.00	5.3631	1.3185	0.1283	0.0438	0.0444	1.7077	1.7302								
	11	11	-0.0041	-0.0044	-0.0010	2.1377	1.0322	0.1387	0.0487	0.0477	1.7564	1.7222								
	12	12	0.0059	0.0025	0.0012															
598	3	10	0.899	7.32	-0.00	14.3134	0.7325	0.2102	0.0689	0.0733	1.6387	1.7441								
	11	11	-0.0011	-0.0032	-0.0001	2.0281	0.7188	0.2223	0.0724	0.0780	1.6295	1.7552								
	12	12	0.0053	0.0021	0.0007															
599	3	10	0.798	-3.13	-0.00	0.7941	7.6092	-0.0663	-0.0236	-0.0219	1.7862	1.6563								
	11	11	0.0094	0.0014	0.0143	2.0509	1.1827	-0.0569	-0.0201	-0.0198	1.7656	1.7431								
	12	12	0.0053	0.0021	0.0012															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
599	4	10	0.801	-1.10	-0.00	0.6951	6.6957	-0.0104	-0.0037	-0.0039	1.7861	3.9107											
		11	0.0087	0.0012	0.0116	0.6951	6.6957	-0.0104	-0.0037	-0.0039	1.7861	3.9107											
		12	0.0055	0.0022	0.0012	2.0818	1.1448	-0.0028	-0.0005	-0.0021	0.9557	3.6565											
599	5	10	0.801	-0.03	-0.00	0.6371	7.1747	0.0122	0.0044	0.0038	1.8228	1.5720											
		11	0.0078	0.0009	0.0112	0.6371	7.1747	0.0122	0.0044	0.0038	1.8228	1.5720											
		12	0.0049	0.0021	0.0010	2.1377	1.0322	0.0182	0.0070	0.0050	1.9234	1.3746											
599	6	10	0.797	0.46	-0.00	0.4784	7.7510	0.0209	0.0077	0.0072	1.8574	1.7372											
		11	0.0070	0.0006	0.0109	0.4784	7.7510	0.0209	0.0077	0.0072	1.8574	1.7372											
		12	0.0044	0.0020	0.0008	2.2434	0.9958	0.0266	0.0101	0.0080	1.9051	1.5151											
599	7	10	0.798	0.98	-0.00	0.2295	9.8788	0.0328	0.0120	0.0112	1.8322	1.7139											
		11	0.0054	0.0002	0.0107	0.2295	9.8788	0.0328	0.0120	0.0112	1.8322	1.7139											
		12	0.0039	0.0016	0.0007	2.1372	0.9667	0.0382	0.0143	0.0121	1.8788	1.5827											
599	8	10	0.800	3.12	-0.00	0.1935	8.6313	0.0854	0.0308	0.0295	1.8034	1.7324											
		11	0.0060	0.0002	0.0103	0.1935	8.6313	0.0854	0.0308	0.0295	1.8034	1.7324											
		12	0.0042	0.0016	0.0006	1.9867	0.7489	0.0901	0.0328	0.0301	1.8239	1.6731											
599	9	10	0.798	6.19	-0.00	-0.5088	12.1249	0.1786	0.0583	0.0627	1.6320	1.7467											
		11	0.0040	-0.0004	0.0098	-0.5088	12.1249	0.1786	0.0583	0.0627	1.6320	1.7467											
		12	0.0043	0.0015	0.0008	1.8104	1.0257	0.1796	0.0594	0.0627	1.6553	1.7465											
599	10	10	0.796	9.30	-0.00	-0.6000	10.7786	0.2984	0.0762	0.1071	1.2767	1.7950											
		11	0.0044	-0.0005	0.0096	-0.6000	10.7786	0.2984	0.0762	0.1071	1.2767	1.7950											
		12	0.0045	0.0016	0.0007	1.8573	0.8429	0.2955	0.0772	0.1062	1.3062	1.7967											
599	11	10	0.797	12.48	-0.00	-0.6324	11.6648	0.4211	0.0726	0.1500	0.8629	1.7813											
		11	0.0041	-0.0005	0.0097	-0.6324	11.6648	0.4211	0.0726	0.1500	0.8629	1.7813											
		12	0.0051	0.0016	0.0008	1.6413	0.8733	0.4168	0.0730	0.1488	0.8765	1.7859											
599	12	10	0.799	-0.06	-0.00	0.6107	6.8453	0.0110	0.0038	0.0033	1.7549	1.5266											
		11	0.0081	0.0009	0.0111	0.6107	6.8453	0.0110	0.0038	0.0033	1.7549	1.5266											
		12	0.0040	0.0019	0.0008	2.3753	1.1123	0.0169	0.0064	0.0045	1.8890	1.3329											
600	1	10	0.797	-3.10	-0.00	0.7277	5.4995	-0.0717	-0.0255	-0.0234	1.7801	1.6309											
		11	0.0104	0.0015	0.0115	0.7277	5.4995	-0.0717	-0.0255	-0.0234	1.7801	1.6309											
		12	0.0035	0.0018	0.0008	2.5422	1.2598	-0.0615	-0.0220	-0.0213	1.7887	1.7345											
600	2	10	0.799	-1.10	-0.00	0.7077	6.0233	-0.0184	-0.0064	-0.0057	1.7481	1.5417											
		11	0.0092	0.0013	0.0111	0.7077	6.0233	-0.0184	-0.0064	-0.0057	1.7481	1.5417											

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	0.0045	0.0018	0.0011	2.0704	1.2543	-0.0110	-0.0035	-0.0045	1.6070	2.0422
600	3	10	0.799	-0.07	-0.00	0.6067	6.6931	0.0031	0.0010	0.0014	1.6508	2.2623
		11	0.0081	0.0009	0.0108	2.2449	1.1406	0.0091	0.0034	0.0023	1.8713	1.3094
		12	0.0044	0.0020	0.0010							
600	4	10	0.799	0.49	-0.00	0.5842	6.4643	0.0157	0.0057	0.0059	1.8177	1.8819
		11	0.0083	0.0009	0.0108	2.1780	1.2394	0.0215	0.0081	0.0067	1.8896	1.5748
		12	0.0040	0.0017	0.0010							
600	5	10	0.800	0.98	-0.00	0.4483	7.1081	0.0277	0.0099	0.0096	1.8045	1.7447
		11	0.0072	0.0006	0.0103	2.1372	0.9667	0.0330	0.0123	0.0106	1.8648	1.6124
		12	0.0039	0.0016	0.0007							
600	6	10	0.799	3.09	-0.00	0.2386	7.3966	0.0802	0.0287	0.0278	1.7919	1.7360
		11	0.0067	0.0003	0.0099	2.1366	0.9014	0.0831	0.0302	0.0278	1.8194	1.6749
		12	0.0049	0.0021	0.0008							
600	7	10	0.798	6.20	-0.00	-0.1062	9.8396	0.1746	0.0572	0.0609	1.6387	1.7452
		11	0.0048	-0.0001	0.0095	1.9024	1.0857	0.1757	0.0583	0.0613	1.6585	1.7445
		12	0.0046	0.0017	0.0010							
600	8	10	0.795	9.33	-0.00	-0.4789	9.8397	0.2970	0.0765	0.1060	1.2876	1.7844
		11	0.0046	-0.0004	0.0091	1.8573	0.8429	0.2945	0.0775	0.1056	1.3161	1.7934
		12	0.0045	0.0016	0.0007							
600	9	10	0.797	12.50	-0.00	-1.0832	12.7736	0.4181	0.0717	0.1492	0.8585	1.7840
		11	0.0035	-0.0007	0.0089	1.6937	0.5466	0.4180	0.0735	0.1490	0.8792	1.7826
		12	0.0046	0.0015	0.0005							
600	10	10	0.799	-0.05	-0.00	0.5489	6.6874	0.0018	0.0006	0.0014	1.6660	3.8330
		11	0.0079	0.0008	0.0105	2.0694	1.1125	0.0093	0.0034	0.0023	1.8125	1.2693
		12	0.0045	0.0018	0.0010							
601	1	10	0.797	-3.11	-0.00	0.6648	5.7335	-0.0735	-0.0263	-0.0244	1.7901	1.6582
		11	0.0098	0.0013	0.0112	2.1730	1.5064	-0.0643	-0.0232	-0.0224	1.8042	1.7438
		12	0.0050	0.0022	0.0015							
601	2	10	0.798	-1.06	-0.00	0.7026	5.8213	-0.0211	-0.0073	-0.0063	1.7456	1.4971
		11	0.0092	0.0012	0.0107	2.1377	1.0322	-0.0136	-0.0045	-0.0050	1.6834	1.8362
		12	0.0049	0.0021	0.0010							
601	3	10	0.798	-0.04	-0.00							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd ← See Key →

601	4	11 12	0.0090 0.0050	0.0011 0.0019	0.0104 0.0011	0.6530 1.9817	5.7985 1.1375	0.0000 0.0073	0.0002 0.0029	0.0011339 0.0020	1.199 1.9097	1.2788
601	5	10 11 12	0.798 0.0080 0.0045	0.49 0.007 0.0018	-0.00 0.0100 0.0010	0.4648 2.0694	6.2883 1.1125	0.0137 0.0196	0.0048 0.0071	0.0054 0.0060	1.7719 1.8276	1.9631 1.5295
601	6	10 11 12	0.798 0.0070 0.0048	1.00 0.0005 0.0018	-0.00 0.0096 0.0008	0.3724 1.9424	6.8516 0.9135	0.0245 0.0295	0.0087 0.0108	0.0086 0.0095	1.7856 1.8436	1.7636 1.6145
601	7	10 11 12	0.798 0.0068 0.0054	3.11 0.0001 0.0020	-0.00 0.0094 0.0012	0.1441 1.9087	6.9182 1.1584	0.0776 0.0811	0.0277 0.0292	0.0266 0.0269	1.7840 1.8002	1.7188 1.6619
601	8	10 11 12	0.797 0.0033 0.0043	9.33 -0.0008 0.0015	-0.00 0.0089 0.0008	-0.3370 1.8104	8.8190 1.0257	0.1738 0.1756	0.0569 0.0582	0.0604 0.0609	1.6372 1.6571	1.7395 1.7363
601	9	10 11 12	0.797 0.0025 0.0034	12.50 -0.0013 0.0011	-0.00 0.0081 0.0001	-1.3291 1.8091	12.7386 0.5827	0.2968 0.2934	0.0766 0.0776	0.1060 0.1049	1.2902 1.3225	1.7867 1.7876
601	10	10 11 12	0.798 0.0024 0.0040	12.50 -0.0011 0.0013	-0.00 0.0083 0.0005	-2.5333 1.7131	15.7683 0.1890	0.4155 0.4177	0.0722 0.0735	0.1480 0.1488	0.8688 0.8803	1.7818 1.7891
601	11	10 11 12	0.799 0.0083 0.0040	-0.04 0.0009 0.0017	-0.00 0.0101 0.0011	0.5745 2.1794	6.0952 1.3979	-0.0000 0.0073	-0.0000 0.0026	0.0006 0.0018	0.7398-91 1.8302	1.3538 1.2840
602	1	10 11 12	0.798 0.0111 0.0045	-3.09 0.0019 0.0019	-0.00 0.0107 0.0010	0.8645 2.0694	4.8128 1.1125	-0.0752 -0.0672	-0.0269 -0.0240	-0.0247 -0.0231	1.7904 1.7866	1.6434 1.7219
602	2	10 11 12	0.798 0.0097 0.0048	-1.06 0.0016 0.0018	-0.00 0.0102 0.0010	0.8222 1.9431	5.2468 1.0461	-0.0237 -0.0175	-0.0083 -0.0057	-0.0068 -0.0058	1.7654 1.6307	1.4526 1.6774

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																				
602	3	10	0.797	-0.004	-0.000	0.7627	5.5497	-0.0038	-0.0012	-0.0000	1.6248	0.0029	0.0091	0.0013	0.0101	2.0291	0.8643	0.0027	0.0014	0.0008	2.7082	1.6284
602	4	10	0.797	0.52	-0.00	0.7610	5.4812	0.0089	0.0033	0.0043	1.8728	2.4661	0.0091	0.0013	0.0099	1.9424	0.9135	0.0130	0.0052	0.0046	2.0214	1.7875
602	5	10	0.796	1.01	-0.00	0.6144	6.3056	0.0227	0.0081	0.0082	1.7980	1.8267	0.0078	0.0009	0.0098	1.9424	0.9135	0.0254	0.0096	0.0084	1.8886	1.6610
602	6	10	0.798	3.12	-0.00	0.2327	7.9565	0.0770	0.0276	0.0271	1.7953	1.7612	0.0064	0.0002	0.0090	1.9011	0.8111	0.0780	0.0283	0.0262	1.8166	1.6831
602	7	10	0.799	6.22	-0.00	0.0836	8.2493	0.1732	0.0569	0.0604	1.6443	1.7461	0.0054	0.0000	0.0090	1.9011	0.8111	0.1724	0.0576	0.0603	1.6703	1.7495
602	8	10	0.797	9.35	-0.00	-0.9211	11.1757	0.2979	0.0767	0.1062	1.2886	1.7822	0.0036	-0.0006	0.0081	-1.6877	0.8439	0.2935	0.0773	0.1053	1.3161	1.7935
602	9	10	0.797	12.51	-0.00	-3.4385	17.7528	0.4176	0.0731	0.1487	0.8752	1.7920	0.0022	-0.0015	0.0079	-1.4732	-0.4333	0.4168	0.0731	0.1494	0.8777	1.7920
602	10	10	0.798	-0.04	-0.00	0.6957	5.5513	-0.0038	-0.0012	-0.0001	1.6267	0.1709	0.0091	0.0012	0.0007	2.0673	0.8309	0.0020	0.0010	0.0003	2.5902	0.9298
603	1	10	0.797	-3.09	-0.00	0.7749	4.9553	-0.0798	-0.0287	-0.0262	1.7998	1.6411	0.0110	0.0017	0.0109	2.2464	1.2861	-0.0719	-0.0258	-0.0245	1.7995	1.7070
603	2	10	0.798	-1.03	-0.00	0.8313	4.9479	-0.0291	-0.0104	-0.0086	1.7929	1.4911	0.0109	0.0018	0.0108	1.9810	1.0092	-0.0216	-0.0074	-0.0073	1.7318	1.7107
603	3	10	0.798	-0.01	-0.00	0.7588	5.2518	-0.0112	-0.0037	-0.0020	1.6791	0.9286	0.0098	0.0015	0.0103	2.1377	1.0322	-0.0064	-0.0019	-0.0013	1.5201	1.0679

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
603	4	10	0.798	0.0029	-0.00	0.5947	6.2349	0.0005	0.0004	0.0023	3.5027	19.9270						
	11	11	0.0081	0.0019	0.0101	1.9431	1.0461	0.0031	0.0015	0.0020	2.4875	3.2561						
	12	12	0.0048	0.0019	0.0010	0.5566	6.3716	0.0133	0.0048	0.0059	1.7975	2.2297						
603	5	10	0.798	0.0008	-0.00	0.5566	6.3716	0.0167	0.0063	0.0059	1.8766	1.7684						
	11	11	0.0076	0.0019	0.0097	2.0683	0.9713	0.0167	0.0063	0.0059	1.8766	1.7684						
	12	12	0.0046	0.0019	0.0008	0.4368	5.6971	0.0701	0.0248	0.0247	1.7685	1.7563						
603	6	10	0.799	0.0016	-0.00	2.1358	5.6971	0.0738	0.0266	0.0247	1.8016	1.6752						
	11	11	0.0083	0.0016	0.0094	0.4368	5.6971	0.0701	0.0248	0.0247	1.7685	1.7563						
	12	12	0.0039	0.0016	0.0006	2.1358	0.8037	0.0738	0.0266	0.0247	1.8016	1.6752						
603	7	10	0.799	0.0023	-0.00	0.0705	7.4700	0.1716	0.0565	0.0598	1.6457	1.7436						
	11	11	0.0060	0.0023	0.0091	1.9417	0.7816	0.1716	0.0565	0.0598	1.6681	1.7379						
	12	12	0.0040	0.0015	0.0006	0.0705	0.7816	0.1704	0.0568	0.0592	1.6681	1.7379						
603	8	10	0.797	0.0013	-0.00	-3.2052	19.8824	0.2989	0.0770	0.1066	1.2881	1.7897						
	11	11	0.0019	0.0013	0.0076	1.8371	0.3409	0.2948	0.0776	0.1055	1.3165	1.7897						
	12	12	0.0037	0.0013	0.0002	1.8371	0.3409	0.2948	0.0776	0.1055	1.3165	1.7897						
603	9	10	0.798	0.0016	-0.00	2294.5027	0.6219	0.4189	0.0721	0.1492	0.8607	1.7810						
	11	11	0.0000	0.0016	0.0076	1.6413	0.6219	0.4189	0.0721	0.1492	0.8607	1.7810						
	12	12	0.0051	0.0016	0.0006	1.6413	0.6219	0.4189	0.0721	0.1492	0.8607	1.7810						
603	10	10	0.796	0.0010	-0.00	0.6212	5.8234	-0.0111	-0.0038	-0.0018	1.7444	0.8201						
	11	11	0.0086	0.0010	0.0100	2.0683	0.9713	-0.0062	-0.0018	-0.0013	1.4778	1.0984						
	12	12	0.0046	0.0019	0.0008	0.6212	5.8234	-0.0111	-0.0038	-0.0018	1.7444	0.8201						
604	1	10	0.797	0.0021	-0.00	0.7512	4.7199	-0.0840	-0.0303	-0.0276	1.8043	1.6428						
	11	11	0.0114	0.0017	0.0107	2.1377	1.0322	-0.0755	-0.0273	-0.0260	1.8080	1.7226						
	12	12	0.0049	0.0021	0.0010	0.7512	4.7199	-0.0840	-0.0303	-0.0276	1.8043	1.6428						
604	2	10	0.798	0.0015	-0.00	0.7389	5.2258	-0.0362	-0.0129	-0.0111	1.7912	1.5422						
	11	11	0.0101	0.0015	0.0106	2.1366	0.9014	-0.0303	-0.0108	-0.0102	1.7833	1.6991						
	12	12	0.0049	0.0021	0.0008	0.7389	5.2258	-0.0362	-0.0129	-0.0111	1.7912	1.5422						
604	3	10	0.797	0.0011	-0.00	0.6733	5.8470	-0.0220	-0.0078	-0.0050	1.7825	1.1504						
	11	11	0.0087	0.0011	0.0102	2.0673	0.8309	-0.0163	-0.0056	-0.0043	1.7364	1.3404						
	12	12	0.0046	0.0019	0.0007	0.6733	5.8470	-0.0220	-0.0078	-0.0050	1.7825	1.1504						
604	4	10	0.798	0.0008	-0.00	0.5323	6.0617	-0.0160	-0.0057	-0.0024	1.8020	0.7724						
	11	11	0.0079	0.0008	0.0096	0.5323	6.0617	-0.0160	-0.0057	-0.0024	1.8020	0.7724						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	0.0044	0.0017	0.0007	2.0291	0.8643	-0.0106	-0.0034	-0.0017	1.6117	0.8217
604	5	10	0.798	1.04	-0.00	0.5686	5.8730	-0.0021	-0.0008	0.0024	2.0287	-3.7598
		11	0.0083	0.0009	0.0098	2.2745	1.0968	0.0024	0.0009	0.0030	2.0096	6.2316
		12	0.0034	0.0015	0.0007							
604	6	10	0.798	3.15	-0.00	0.3965	6.0356	0.0646	0.0226	0.0225	1.7561	1.7549
		11	0.0078	0.0006	0.0094	2.0673	0.8309	0.0675	0.0242	0.0225	1.7923	1.6712
		12	0.0046	0.0019	0.0007							
604	7	10	0.797	6.25	-0.00	0.1474	7.0331	0.1679	0.0556	0.0583	1.6559	1.7371
		11	0.0065	0.0001	0.0092	1.9024	1.0857	0.1662	0.0556	0.0577	1.6750	1.7377
		12	0.0047	0.0017	0.0010							
604	8	10	0.796	9.38	-0.00	-5.7307	32.8578	0.2963	0.0764	0.1063	1.2892	1.7934
		11	0.0011	-0.0013	0.0075	1.6875	0.7222	0.2929	0.0774	0.1050	1.3219	1.7923
		12	0.0053	0.0017	0.0007							
604	9	10	0.799	12.53	-0.00	-4.6347	24.4610	0.4184	0.0721	0.1488	0.8618	1.7782
		11	0.0015	-0.0014	0.0075	1.6413	0.4258	0.4157	0.0733	0.1483	0.8821	1.7835
		12	0.0045	0.0014	0.0003							
604	10	10	0.797	0.00	-0.00	0.6011	5.7045	-0.0220	-0.0078	-0.0052	1.7828	1.1802
		11	0.0088	0.0010	0.0101	2.1372	0.9667	-0.0163	-0.0056	-0.0046	1.7361	1.4191
		12	0.0039	0.0016	0.0007							
605	1	10	0.797	-3.04	-0.00	0.7886	4.7554	-0.0860	-0.0312	-0.0284	1.8147	1.6550
		11	0.0115	0.0018	0.0110	1.9825	1.2664	-0.0793	-0.0287	-0.0272	1.8118	1.7184
		12	0.0050	0.0019	0.0012							
605	2	10	0.797	-0.99	-0.00	0.6991	5.6864	-0.0405	-0.0146	-0.0123	1.8118	1.5254
		11	0.0092	0.0012	0.0105	2.0291	0.8643	-0.0345	-0.0124	-0.0115	1.8073	1.6745
		12	0.0044	0.0017	0.0007							
605	3	10	0.797	0.02	-0.00	0.7604	5.3150	-0.0246	-0.0089	-0.0063	1.8088	1.2935
		11	0.0098	0.0015	0.0104	1.9424	0.9135	-0.0201	-0.0071	-0.0060	1.7643	1.4923
		12	0.0048	0.0018	0.0008							
605	4	10	0.799	0.58	-0.00	0.6011	5.7045	-0.0219	-0.0076	-0.0041	1.7357	0.9454
		11	0.0088	0.0010	0.0100	1.9810	1.0092	-0.0156	-0.0052	-0.0033	1.6799	1.0741
		12	0.0050	0.0019	0.0010							
605	5	10	0.798	1.07	-0.00							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
605	6	11	0.0076	0.0008	0.0099	0.5607	6.5340	-0.0129	-0.0044	-0.0000	1.7833	0.0027						
		12	0.0045	0.0018	0.0008	2.0683	0.9713	-0.0087	-0.0029	-0.0001	1.6939	0.0634						
605	6	10	0.797	3.17	-0.00													
		11	0.0078	0.0006	0.0094	0.3965	6.0356	0.0615	0.0211	0.0213	1.7214	1.7353						
		12	0.0042	0.0016	0.0007	1.9876	0.9006	0.0616	0.0216	0.0206	1.7602	1.6766						
605	7	10	0.798	6.29	-0.00													
		11	0.0060	0.0000	0.0094	0.0794	7.7734	0.1678	0.0555	0.0581	1.6544	1.7323						
		12	0.0053	0.0019	0.0010	1.8707	0.9543	0.1660	0.0555	0.0573	1.6720	1.7269						
605	8	10	0.797	9.37	-0.00													
		11	0.0025	-0.0010	0.0074	-1.9920	14.6266	0.2941	0.0764	0.1050	1.2988	1.7862						
		12	0.0048	0.0016	0.0007	1.7428	0.7922	0.2908	0.0771	0.1039	1.3261	1.7874						
605	9	10	0.797	12.56	-0.00													
		11	0.0029	-0.0007	0.0078	-1.3541	13.4449	0.4203	0.0723	0.1494	0.8606	1.7774						
		12	0.0040	0.0013	0.0003	1.7020	0.4750	0.4167	0.0744	0.1486	0.8933	1.7833						
605	10	10	0.798	0.05	-0.00													
		11	0.0103	0.0015	0.0102	0.7734	4.9541	-0.0260	-0.0094	-0.0065	1.8082	1.2461						
		12	0.0044	0.0017	0.0008	2.0300	1.0105	-0.0201	-0.0071	-0.0060	1.7643	1.4923						
606	1	10	0.796	3.02	-0.00													
		11	0.0125	0.0020	0.0111	0.8143	4.4504	-0.0885	-0.0320	-0.0291	1.8073	1.6474						
		12	0.0049	0.0021	0.0011	2.1389	1.1636	-0.0810	-0.0294	-0.0280	1.8142	1.7313						
606	2	10	0.797	-0.97	-0.00													
		11	0.0120	0.0021	0.0108	0.8852	4.4932	-0.0412	-0.0149	-0.0126	1.8144	1.5270						
		12	0.0049	0.0021	0.0011	2.1389	1.1636	-0.0363	-0.0128	-0.0119	1.7717	1.6415						
606	3	10	0.797	0.03	-0.00													
		11	0.0101	0.0014	0.0102	0.7343	5.0412	-0.0256	-0.0093	-0.0067	1.8217	1.3200						
		12	0.0044	0.0020	0.0007	2.2419	0.8517	-0.0216	-0.0076	-0.0065	1.7667	1.5099						
606	4	10	0.798	0.60	-0.00													
		11	0.0095	0.0014	0.0100	0.7799	5.2794	-0.0201	-0.0072	-0.0038	1.7938	0.9677						
		12	0.0050	0.0020	0.0010	1.9810	1.0092	-0.0187	-0.0064	-0.0046	1.7106	1.2365						
606	5	10	0.799	1.09	-0.00													
		11	0.0098	0.0014	0.0102	0.7572	5.1885	-0.0200	-0.0069	-0.0029	1.7428	0.7434						
		12	0.0039	0.0016	0.0006	2.1358	0.8037	-0.0174	-0.0057	-0.0031	1.6621	0.8923						

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
606	6	10	0.799	3.14	-0.00	0.5250	5.3565	0.0556	0.0107	0.0202	1.6817	1.8219						
		11	0.0089	0.0009	0.0095	1.9867	0.7489	0.0585	0.0202	0.0199	1.7291	1.7039						
		12	0.0042	0.0016	0.0006													
606	7	10	0.799	6.28	-0.00	0.5751	5.3202	0.1655	0.0549	0.0575	1.6589	1.7378						
		11	0.0091	0.0010	0.0096	2.0271	0.5740	0.1644	0.0552	0.0569	1.6782	1.7318						
		12	0.0044	0.0017	0.0005													
606	8	10	0.797	9.36	-0.00	-1.2448	12.0488	0.2919	0.0760	0.1044	1.3028	1.7892						
		11	0.0031	-0.0007	0.0076	-1.6873	0.4803	0.2887	0.0770	0.1031	1.3338	1.7856						
		12	0.0053	0.0017	0.0005													
606	9	10	0.798	12.57	-0.00	70.7461	0.4237	0.4154	0.0727	0.1479	0.8754	1.7801						
		11	0.0004	-0.0015	0.0069	-15.7461	0.6442	0.4112	0.0744	0.1468	0.9048	1.7847						
		12	0.0049	0.0015	0.0006	1.5919												
606	10	10	0.797	0.01	-0.00	0.7540	4.9375	-0.0250	-0.0079	-0.0067	1.8352	1.3445						
		11	0.0105	0.0015	0.0104	1.9802	0.8814	-0.0226	-0.0079	-0.0068	1.7495	1.5209						
		12	0.0050	0.0020	0.0008													
607	1	10	0.796	-3.00	-0.00	0.8263	4.3385	-0.0907	-0.0328	-0.0299	1.8111	1.6535						
		11	0.0129	0.0021	0.0112	2.0509	1.1827	-0.0831	-0.0300	-0.0283	1.8061	1.7045						
		12	0.0053	0.0022	0.0012													
607	2	10	0.798	-0.96	-0.00	0.7706	4.7861	-0.0409	-0.0148	-0.0125	1.8093	1.5336						
		11	0.0110	0.0017	0.0105	1.9082	1.0407	-0.0373	-0.0133	-0.0123	1.7868	1.6587						
		12	0.0054	0.0020	0.0011													
607	3	10	0.797	0.02	-0.00	0.7540	4.9375	-0.0252	-0.0093	-0.0068	1.8437	1.3610						
		11	0.0106	0.0015	0.0104	2.0300	1.0105	-0.0228	-0.0082	-0.0073	1.8012	1.6173						
		12	0.0044	0.0017	0.0008													
607	4	10	0.797	0.59	-0.00	0.6712	4.9263	-0.0199	-0.0073	-0.0045	1.8336	1.3233						
		11	0.0102	0.0013	0.0100	2.0055	0.8420	-0.0174	-0.0061	-0.0046	1.7713	1.5233						
		12	0.0060	0.0024	0.0010													
607	5	10	0.798	1.10	-0.00	0.6712	4.9263	-0.0165	-0.0059	-0.0022	1.7941	0.6642						
		11	0.0102	0.0013	0.0100	1.9076	0.9235	-0.0150	-0.0050	-0.0029	1.6821	0.9930						
		12	0.0054	0.0020	0.0010													
607	6	10	0.799	3.22	-0.00	0.5269	5.4262	0.0573	0.0190	0.0205	1.6633	1.7973						
		11	0.0089	0.0009	0.0096	2.1344	0.6416	0.0572	0.0194	0.0196	1.7016	1.7182						
		12	0.0039	0.0016	0.0005													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
607	1	10	0.799	6.29	-0.00	0.4955	5.2293	0.1655	0.0548	0.0576	1.6575	1.7408								
		11	0.0094	0.0009	0.0099	1.9071	0.8067	0.1650	0.0547	0.0564	1.6800	1.7317								
		12	0.0055	0.0020	0.0008															
607	8	10	0.798	9.37	-0.00	-3.8462	21.9354	0.2947	0.0764	0.1054	1.2970	1.7893								
		11	0.0017	-0.0013	0.0075	1.7871	0.3807	0.2883	0.0770	0.1030	1.3358	1.7879								
		12	0.0050	0.0017	0.0003															
607	9	10	0.797	12.58	-0.00	6.4771	-18.7790	0.4145	0.0731	0.1472	0.8820	1.7758								
		11	-0.0016	-0.0021	0.0062	1.5512	0.4705	0.4081	0.0745	0.1456	0.9151	1.7840								
		12	0.0054	0.0016	0.0005															
607	10	10	0.798	0.05	-0.00	0.6502	5.6608	-0.0256	-0.0095	-0.0070	1.8601	1.3678								
		11	0.0090	0.0011	0.0102	2.0663	0.6911	-0.0217	-0.0077	-0.0066	1.7768	1.5271								
		12	0.0046	0.0019	0.0006															
608	3	10	0.601	-3.10	-0.00	0.7761	1.8705	-0.0609	-0.0215	-0.0203	1.7672	1.6700								
		11	0.0115	0.0017	0.0043	2.3305	1.2786	-0.0507	-0.0178	-0.0180	1.7616	1.7744								
		12	0.0027	0.0012	0.0006															
608	4	10	0.601	-1.09	-0.00	0.8065	1.9440	-0.0103	-0.0037	-0.0035	1.8257	1.7160								
		11	0.0103	0.0016	0.0040	2.6452	1.4480	-0.0003	-0.0001	-0.0017	-2.8739	29.4743								
		12	0.0024	0.0012	0.0006															
608	5	10	0.601	-0.05	-0.00	0.6696	2.2262	0.0099	0.0035	0.0034	1.7801	1.7063								
		11	0.0081	0.0010	0.0036	2.1381	1.0759	0.0188	0.0071	0.0049	1.9006	1.3192								
		12	0.0032	0.0013	0.0006															
608	6	10	0.600	0.48	-0.00	0.6406	2.0599	0.0185	0.0066	0.0069	1.7921	1.8754								
		11	0.0084	0.0010	0.0034	2.0818	1.1448	0.0268	0.0100	0.0082	1.8792	1.5444								
		12	0.0030	0.0012	0.0006															
608	7	10	0.599	0.98	-0.00	0.4764	1.9380	0.0318	0.0114	0.0111	1.7900	1.7460								
		11	0.0075	0.0007	0.0029	2.6071	1.2540	0.0388	0.0142	0.0122	1.8308	1.5739								
		12	0.0022	0.0011	0.0005															
608	8	10	0.600	3.10	-0.00	0.3900	1.9069	0.0791	0.0279	0.0272	1.7680	1.7232								
		11	0.0076	0.0005	0.0029	2.1372	0.9667	0.0862	0.0310	0.0287	1.8002	1.6664								
		12	0.0021	0.0009	0.0004															
608	9	10	0.600	6.18	-0.00	-0.1030	1.9028	0.1669	0.0551	0.0585	1.6523	1.7552								
		11	0.0058	-0.0001	0.0022	1.8796	0.8267	0.1713	0.0571	0.0599	1.6670	1.7483								
		12	0.0033	0.0012	0.0005															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.		See Key →																
Run	Pt.	Cd																
608	10	10	0.600	9.27	-0.0023	0.0001	-0.0023	0.0000	0.0023	-0.0972	1.9175	0.2690	0.0757	0.0964	1.4066	1.7926		
	11	11	0.0061	-0.0001	0.0008	0.0001	0.0001	0.0001	0.0001	1.7573	0.3034	0.2697	0.0765	0.0970	1.4190	1.7984		
	12	12	0.0023	0.0008														
608	11	10	0.600	12.44	-0.0004	0.0000	-0.0020	0.0020	0.0000	-0.6633	2.3578	0.3926	0.0798	0.1422	1.0167	1.8114		
	11	11	0.0044	-0.0005	0.0004	0.0000	0.0000	0.0000	0.0000	1.6413	0.0026	0.3891	0.0800	0.1417	1.0290	1.8214		
	12	12	0.0014	0.0004														
608	12	10	0.600	-0.004	0.0010	0.0009	-0.0036	0.0036	0.0004	0.6427	2.1424	0.0097	0.0034	0.0035	1.7565	1.8143		
	11	11	0.0084	0.0010	0.0009	0.0004	0.0004	0.0004	0.0004	3.0494	1.3704	0.0186	0.0070	0.0051	1.8890	1.8706		
	12	12	0.0015	0.0009														
609	1	10	0.600	-3.09	0.0016	0.0010	-0.0043	0.0043	0.0004	0.7843	2.0164	-0.0642	-0.0229	-0.0213	1.7821	1.6571		
	11	11	0.0107	0.0010	0.0016	0.0010	0.0004	0.0004	0.0004	3.0457	1.2150	-0.0554	-0.0196	-0.0194	1.7754	1.7575		
	12	12	0.0017	0.0010														
609	2	10	0.600	-1.09	0.0013	0.0012	-0.0040	0.0040	0.0005	0.7251	2.2042	-0.0158	-0.0057	-0.0049	1.8124	1.5743		
	11	11	0.0091	0.0013	0.0012	0.0005	0.0005	0.0005	0.0005	2.6402	1.1529	-0.0076	-0.0023	-0.0033	1.5236	2.1643		
	12	12	0.0024	0.0012														
609	3	10	0.600	-0.05	0.0013	0.0010	-0.0037	0.0037	0.0005	0.7213	2.0521	0.0029	0.0010	0.0018	1.7515	3.1558		
	11	11	0.0091	0.0013	0.0010	0.0005	0.0005	0.0005	0.0005	2.5677	1.3746	0.0111	0.0044	0.0033	1.9901	1.4879		
	12	12	0.0020	0.0010														
609	4	10	0.600	0.48	0.0012	0.0009	-0.0036	0.0036	0.0002	0.6696	2.0193	0.0145	0.0051	0.0058	1.7783	2.0089		
	11	11	0.0089	0.0012	0.0009	0.0002	0.0002	0.0002	0.0002	2.5085	0.7513	0.0231	0.0087	0.0070	1.8974	1.5311		
	12	12	0.0018	0.0009														
609	5	10	0.600	0.99	0.0008	0.0008	-0.0032	0.0032	0.0002	0.6055	2.0179	0.0288	0.0103	0.0110	1.7956	1.7535		
	11	11	0.0079	0.0008	0.0008	0.0002	0.0002	0.0002	0.0002	3.0415	1.0384	0.0346	0.0127	0.0110	1.8309	1.5975		
	12	12	0.0013	0.0008														
609	6	10	0.600	3.12	0.0004	0.0004	-0.0029	0.0029	0.0002	0.5170	1.8138	0.0788	0.0277	0.0279	1.7617	1.7134		
	11	11	0.0080	0.0004	0.0004	0.0002	0.0002	0.0002	0.0002	2.9791	-1.7284	0.0839	0.0301	0.0279	1.7988	1.6655		
	12	12	0.0008	0.0004														
609	7	10	0.600	6.20	0.0004	0.0001	-0.0025	0.0025	0.0001	0.0983	2.0068	0.1684	0.0554	0.0589	1.6458	1.7498		
	11	11	0.0062	0.0004	0.0001	0.0001	0.0001	0.0001	0.0001	2.1344	0.6416	0.1703	0.0568	0.0595	1.6688	1.7483		
	12	12	0.0010	0.0004														
609	8	10	0.601	-9.30	-0.0008	0.0018	-0.0018	0.0018	0.0018	-1.2109	2.6621	0.2669	0.0751	0.0960	1.4072	1.7988		
	11	11	0.0033	-0.0008														

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
			0.0024	0.0010	0.0000	2.2010	0.0010	0.2675	0.0763	0.0961	1.4266	1.7971								
609	9	10	0.600	12.44	-0.00	-0.4749	2.2531	0.3934	0.0807	0.1420	1.0261	1.8044								
		11	0.0049	-0.0004	0.0022	1.7562	-0.5889	0.3883	0.0804	0.1416	1.0354	1.8239								
		12	0.0023	0.0008	-0.0002	0.6716	2.0971	0.0034	0.0011	0.0019	1.6569	2.0986								
609	10	10	0.600	-0.05	-0.00	2.6071	1.2540	0.0113	0.0045	0.0031	2.0076	1.4004								
		11	0.0090	0.0012	0.0037	0.8025	2.0481	-0.0686	-0.0242	-0.0226	1.7652	1.6526								
		12	0.0022	0.0011	0.0005	6.9408	2.7443	-0.0587	-0.0207	-0.0205	1.7669	1.7481								
610	1	10	0.601	-3.09	-0.00	0.8097	2.0783	-0.0219	-0.0076	-0.0068	1.7529	1.5605								
		11	0.0112	0.0018	0.0046	2.3244	0.7611	-0.0127	-0.0040	-0.0045	1.5880	1.7910								
		12	0.0005	0.0007	0.0002	0.6427	2.1424	0.0022	0.0007	0.0017	1.7870	3.8291								
610	2	10	0.601	-1.08	-0.00	2.6019	0.9357	0.0096	0.0038	0.0027	2.0212	1.4427								
		11	0.0104	0.0016	0.0043	0.6450	1.9499	0.0126	0.0046	0.0051	1.8194	2.0282								
		12	0.0027	0.0012	0.0004	2.5622	1.0252	0.0199	0.0076	0.0062	1.9127	1.5652								
610	3	10	0.600	-0.05	-0.00	0.7175	1.8998	0.0235	0.0085	0.0089	1.8079	1.9060								
		11	0.0084	0.0010	0.0036	2.2715	0.8192	0.0298	0.0111	0.0097	1.8634	1.6251								
		12	0.0022	0.0011	0.0004	0.4574	1.9481	0.0753	0.0266	0.0268	1.7675	1.7554								
610	4	10	0.599	0.50	-0.00	3.0168	0.0005	0.0797	0.0288	0.0268	1.8075	1.6830								
		11	0.0093	0.0012	0.0036	0.0076	2.1874	0.1622	0.0538	0.0563	1.6589	1.7366								
		12	0.0020	0.0010	0.0004	1.9390	0.2597	0.1660	0.0558	0.0580	1.6811	1.7465								
610	5	10	0.599	0.97	-0.00	0.0076	2.1874	0.1622	0.0538	0.0563	1.6589	1.7366								
		11	0.0091	0.0013	0.0034	0.0076	2.1874	0.1622	0.0538	0.0563	1.6589	1.7366								
		12	0.0025	0.0011	0.0004	0.4574	1.9481	0.0753	0.0266	0.0268	1.7675	1.7554								
610	6	10	0.600	3.12	-0.00	3.0168	0.0005	0.0797	0.0288	0.0268	1.8075	1.6830								
		11	0.0078	0.0007	0.0030	0.0076	2.1874	0.1622	0.0538	0.0563	1.6589	1.7366								
		12	0.0011	0.0007	0.0000	1.9390	0.2597	0.1660	0.0558	0.0580	1.6811	1.7465								
610	7	10	0.600	6.20	-0.00	0.0076	2.1874	0.1622	0.0538	0.0563	1.6589	1.7366								
		11	0.0054	0.0000	0.0023	0.0076	2.1874	0.1622	0.0538	0.0563	1.6589	1.7366								
		12	0.0027	0.0010	0.0001	1.9390	0.2597	0.1660	0.0558	0.0580	1.6811	1.7465								
610	8	10	0.600	9.29	-0.00	-0.4838	1.9704	0.2666	0.0756	0.0959	1.4177	1.7980								
		11	0.0049	-0.0004	0.0019	1.7579	0.6074	0.2660	0.0762	0.0957	1.4331	1.7998								
		12	0.0023	0.0008	0.0002	0.0076	2.1874	0.1622	0.0538	0.0563	1.6589	1.7366								
610	9	10	0.600	12.45	-0.00	0.0076	2.1874	0.1622	0.0538	0.0563	1.6589	1.7366								

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
610	10	11 12	0.0028 0.0009	-0.0011 0.0003	0.0018 -0.0006	-2.0897 1.9238	3.2195 -3.6042	0.3918 0.3884	0.0806 0.0800	0.1415 0.1416	1.0297 1.0307	1.8066 1.8231											
610	10	10 11 12	0.600 0.0091 0.0027	-0.04 0.0013 0.0012	-0.00 0.0037 0.0005	0.7213 2.3274	2.0521 1.0187	0.0034 0.0096	0.0013 0.0038	0.0022 0.0026	1.9693 2.0211	3.2575 1.3692											
611	1	10 11 12	0.600 0.0117 0.0015	-3.08 0.0019 0.0009	-0.00 0.0046 0.0005	0.8162 3.0607	1.9582 1.8416	-0.0694 -0.0607	-0.0245 -0.0213	-0.0228 -0.0211	1.7639 1.7583	1.6462 1.7392											
611	2	10 11 12	0.600 0.0102 0.0023	-1.06 0.0015 0.0010	-0.00 0.0040 0.0002	0.7643 2.2070	1.9815 0.5888	-0.0213 -0.0132	-0.0074 -0.0041	-0.0062 -0.0048	1.7555 1.5691	1.4764 1.8290											
611	3	10 11 12	0.600 0.0097 0.0023	-0.04 0.0014 0.0010	-0.00 0.0037 0.0004	0.7422 2.2099	1.9429 0.8869	-0.0023 0.0054	-0.0008 0.0025	0.0004 0.0015	1.7309 2.3187	-0.9075 1.3985											
611	4	10 11 12	0.600 0.0428 0.0025	0.50 0.0089 0.0011	-0.00 0.0036 0.0004	1.0496 2.2715	0.4227 0.8192	0.0093 0.0171	0.0035 0.0067	0.0048 0.0054	1.9153 1.9582	2.6022 1.5756											
611	5	10 11 12	0.599 0.0082 0.0018	1.00 0.0009 0.0009	-0.00 0.0032 0.0004	0.5803 2.5142	1.9399 1.1336	0.0240 0.0283	0.0086 0.0105	0.0089 0.0093	1.7928 1.8669	1.8653 1.6424											
611	6	10 11 12	0.600 0.0075 0.0011	3.13 0.0007 0.0007	-0.00 0.0029 0.0001	0.4764 3.0311	1.9380 0.6014	0.0739 0.0771	0.0263 0.0279	0.0259 0.0257	1.7609 1.8139	1.7528 1.6712											
611	7	10 11 12	0.600 0.0058 0.0016	6.21 0.0002 0.0005	-0.00 0.0026 0.0000	0.2162 1.8074	2.2795 0.0024	0.1649 0.1657	0.0546 0.0555	0.0584 0.0579	1.6574 1.6764	1.7704 1.7484											
611	8	10 11 12	0.599 0.0038 -0.0020	9.31 0.0009 -0.0002	-0.00 0.0019 -0.0018	-1.2300 0.7144	2.5383 4.4331	0.2648 0.2675	0.0756 0.0763	0.0948 0.0965	1.4277 1.4266	1.7911 1.8053											
611	9	10 11 12	0.599 0.0033 0.0021	12.44 0.0010 -0.0007	-0.00 0.0018 0.0000	-1.5977 1.6413	2.7219 0.0026	0.3880 0.3858	0.0809 0.0802	0.1398 0.1405	1.0430 1.0397	1.8012 1.8209											

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																								
611	10	10	0.600	-0.05	-0.00	0.5963	2.0688	0.0003	0.0002	0.0011	3.4373	17.2944														
	11	11	0.0091	0.0010	0.0037	0.0290	0.5148	0.0066	0.0028	0.0018	2.1547	1.3545														
	12	12	0.0013	0.0008	0.0001																					
612	1	10	0.599	-3.05	-0.00	0.6534	1.9844	-0.0742	-0.0264	-0.0243	1.7781	1.6394														
	11	11	0.0119	0.0020	0.0047	0.9408	2.7443	-0.0635	-0.0224	-0.0220	1.7656	1.7318														
	12	12	0.0005	0.0007	0.0002																					
612	2	10	0.600	-1.04	-0.00	0.8226	1.9161	-0.0239	-0.0085	-0.0071	1.7767	1.4907														
	11	11	0.0109	0.0017	0.0041	2.5142	1.1336	-0.0167	-0.0055	-0.0058	1.6464	1.7305														
	12	12	0.0018	0.0009	0.0004																					
612	3	10	0.599	-0.00	-0.00	0.8210	1.6520	-0.0081	-0.0027	-0.0011	1.6991	0.7046														
	11	11	0.0109	0.0017	0.0040	3.0556	1.6313	-0.0032	-0.0004	-0.0005	0.6534	0.6375														
	12	12	0.0017	0.0010	0.0005																					
612	4	10	0.599	0.52	-0.00	0.8048	1.8768	0.0011	0.0005	0.0022	2.4143	9.7147														
	11	11	0.0104	0.0016	0.0039	3.0415	1.0384	0.0073	0.0033	0.0030	2.2477	2.0755														
	12	12	0.0013	0.0008	0.0002																					
612	5	10	0.599	1.00	-0.00	0.4812	2.1230	0.0159	0.0056	0.0068	1.7685	2.1499														
	11	11	0.0075	0.0007	0.0032	3.0168	0.0005	0.0204	0.0077	0.0068	1.8925	1.6647														
	12	12	0.0011	0.0007	0.0000																					
612	6	10	0.600	3.15	-0.00	0.4796	1.8412	0.0698	0.0246	0.0246	1.7617	1.7441														
	11	11	0.0087	0.0008	0.0032	3.0168	0.0005	0.0734	0.0265	0.0246	1.8050	1.6805														
	12	12	0.0007	0.0004	0.0000																					
612	7	10	0.599	6.21	-0.00	-0.1078	2.4174	0.1575	0.0526	0.0549	1.6697	1.7434														
	11	11	0.0049	-0.0001	0.0023	-2.1344	0.6416	0.1613	0.0544	0.0562	1.6861	1.7419														
	12	12	0.0021	0.0009	0.0002																					
612	8	10	0.599	9.30	-0.00	-1.4843	2.3904	0.2647	0.0754	0.0951	1.4253	1.7965														
	11	11	0.0032	-0.0009	0.0015	-2.2529	-1.0518	0.2639	0.0760	0.0951	1.4400	1.8027														
	12	12	0.0013	0.0005	-0.0002																					
612	9	10	0.600	12.44	-0.00	-0.9546	2.2378	0.3826	0.0805	0.1377	1.0529	1.8002														
	11	11	0.0043	-0.0008	0.0019	-2.1120	-2.4213	0.3832	0.0804	0.1393	1.0491	1.8181														
	12	12	0.0011	0.0004	-0.0005																					
612	10	10	0.599	-0.01	-0.00	1.0220	0.4121	-0.0070	-0.0023	-0.0007	1.6305	0.5086														
	11	11	0.0423	0.0086	0.0034	3.0384	0.9066	-0.0027	-0.0003	-0.0002	0.5779	0.4887														
	12	12	0.0015	0.0009	0.0002																					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

613	1	10	0.600	-3.05	-0.00	0.8642	1.9022	-0.0761	-0.0269	-0.0247	1.7710	1.6264
		11	0.0124	0.0021	0.0047	0.0556	1.6313	-0.0671	-0.0236	-0.0232	1.7623	1.7304
		12	0.0017	0.0010	0.0005							
613	2	10	0.600	-1.03	-0.00	0.8640	2.0079	-0.0315	-0.0109	-0.0091	1.7356	1.4533
		11	0.0111	0.0019	0.0044	5.2820	2.3584	-0.0252	-0.0083	-0.0084	1.6519	1.6674
		12	0.0008	0.0009	0.0004							
613	3	10	0.599	0.02	-0.00	0.6450	1.9499	-0.0187	-0.0062	-0.0037	1.6651	0.9979
		11	0.0093	0.0012	0.0036	3.0359	0.8045	-0.0127	-0.0038	-0.0031	1.5066	1.2427
		12	0.0017	0.0010	0.0002							
613	4	10	0.600	0.54	-0.00	0.8210	1.8520	-0.0094	-0.0031	-0.0005	1.6570	0.3070
		11	0.0109	0.0017	0.0040	3.0275	0.4500	-0.0062	-0.0016	-0.0000	1.2940	-0.0092
		12	0.0015	0.0009	0.0001							
613	5	10	0.599	1.04	-0.00	0.6176	2.0645	0.0004	0.0003	0.0031	3.9426	37.6449
		11	0.0088	0.0010	0.0036	3.0168	0.0005	0.0074	0.0031	0.0038	2.1314	2.6186
		12	0.0011	0.0007	0.0000							
613	6	10	0.599	3.16	-0.00	0.5923	1.9153	0.0647	0.0230	0.0234	1.7801	1.8081
		11	0.0091	0.0010	0.0034	3.0168	0.0005	0.0678	0.0246	0.0227	1.8158	1.6791
		12	0.0011	0.0007	0.0000							
613	7	10	0.598	6.23	-0.00	0.1677	1.8685	0.1579	0.0527	0.0553	1.6698	1.7526
		11	0.0071	0.0002	0.0026	3.0168	0.0005	0.1596	0.0540	0.0556	1.6919	1.7442
		12	0.0011	0.0007	0.0000							
613	8	10	0.599	9.33	-0.00	-1.9886	2.5895	0.2636	0.0753	0.0948	1.4295	1.7988
		11	0.0026	-0.0010	0.0013	-0.3223	10.1248	0.2642	0.0760	0.0951	1.4382	1.8006
		12	-0.0005	0.0000	-0.0011							
613	9	10	0.599	12.44	-0.00	-1.9207	1.9998	0.3863	0.0806	0.1395	1.0437	1.8061
		11	0.0031	-0.0012	0.0012	0.8592	4.8238	0.3842	0.0803	0.1401	1.0462	1.8234
		12	-0.0017	-0.0002	-0.0016							
613	10	10	0.598	-0.01	-0.00	0.8065	1.9440	-0.0175	-0.0061	-0.0038	1.7453	1.1045
		11	0.0104	0.0016	0.0040	2.6071	1.2540	-0.0142	-0.0043	-0.0036	1.5188	1.2674
		12	0.0022	0.0011	0.0005							
614	1	10	0.599	-3.04	-0.00	0.8947	1.7621	-0.0811	-0.0287	-0.0265	1.7736	1.6368
		11	0.0127	0.0022	0.0044							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	u.0003	u.0008	u.0002	u.7876	3.6392	-0.0748	-0.0263	-0.0256	1.7599	1.7138
614	2	10	0.599	-1.01	-0.00	0.8737	1.8587	-0.0344	-0.0119	-0.0101	1.7282	1.4810
		11	0.0116	0.0020	0.0043	6.7002	-0.0051	-0.0295	-0.0097	-0.0095	1.6491	1.6187
		12	0.0005	0.0007	-0.0000	0.7422	1.9429	-0.0220	-0.0075	-0.0050	1.6990	1.4378
614	3	10	0.599	-0.00	-0.00	8.3835	-3.8836	-0.0147	-0.0046	-0.0042	1.5769	1.4573
		11	0.0097	0.0014	0.0037	0.7870	1.9042	-0.0162	-0.0053	-0.0020	1.6318	0.6192
		12	0.0003	0.0006	-0.0002	3.0384	0.9066	-0.0129	-0.0037	-0.0023	1.4478	0.9031
614	4	10	0.599	0.55	-0.00	0.8742	1.8265	-0.0801	-0.0283	-0.0260	1.7684	1.6230
		11	0.0099	0.0015	0.0037	5.2331	1.5502	-0.0715	-0.0251	-0.0245	1.7547	1.7166
		12	0.0015	0.0009	0.0002	0.8081	2.0112	-0.0360	-0.0124	-0.0107	1.7321	1.4953
614	5	10	0.598	-3.05	-0.00	0.6716	2.0971	-0.0245	-0.0082	-0.0057	1.6712	1.1719
		11	0.0130	0.0022	0.0047	6.7002	-0.0051	-0.0167	-0.0051	-0.0047	1.5195	1.4046
		12	0.0009	0.0009	0.0002	0.6469	2.0251	-0.0194	-0.0064	-0.0031	1.6618	0.8129
614	6	10	0.599	-1.01	-0.00	0.7440	2.0150	-0.0189	-0.0061	-0.0027	1.6187	0.7235
		11	0.0104	0.0016	0.0042	78.5938	-36.3143	-0.0114	-0.0031	-0.0017	1.3990	0.7848
		12	0.0009	0.0009	0.0002	0.6716	2.0971	-0.0245	-0.0082	-0.0057	1.6712	1.4046
614	7	10	0.598	0.00	-0.00	0.6469	2.0251	-0.0194	-0.0064	-0.0031	1.6618	0.8129
		11	0.0090	0.0012	0.0037	2.0784	0.6823	-0.0141	-0.0040	-0.0027	1.4442	0.9736
		12	0.0005	0.0007	-0.0000	0.7440	2.0150	-0.0189	-0.0061	-0.0027	1.6187	0.7235
614	8	10	0.599	0.56	-0.00	0.6716	2.0971	-0.0245	-0.0082	-0.0057	1.6712	1.4046
		11	0.0093	0.0012	0.0037	0.6469	2.0251	-0.0194	-0.0064	-0.0031	1.6618	0.8129
		12	0.0030	0.0012	0.0004	78.5938	-36.3143	-0.0114	-0.0031	-0.0017	1.3990	0.7848
614	9	10	0.598	0.58	-0.00	0.6716	2.0971	-0.0245	-0.0082	-0.0057	1.6712	1.4046
		11	0.0097	0.0014	0.0039	0.6469	2.0251	-0.0194	-0.0064	-0.0031	1.6618	0.8129
		12	0.0000	0.0006	-0.0002	0.7440	2.0150	-0.0189	-0.0061	-0.0027	1.6187	0.7235
614	10	10	0.599	1.05	-0.00	0.6716	2.0971	-0.0245	-0.0082	-0.0057	1.6712	1.4046
		11	0.0090	0.0012	0.0037	0.6469	2.0251	-0.0194	-0.0064	-0.0031	1.6618	0.8129
		12	0.0010	0.0008	0.0001	78.5938	-36.3143	-0.0114	-0.0031	-0.0017	1.3990	0.7848
614	11	10	0.598	3.18	-0.00	0.6716	2.0971	-0.0245	-0.0082	-0.0057	1.6712	1.4046
		11	0.0098	0.0013	0.0035	0.6469	2.0251	-0.0194	-0.0064	-0.0031	1.6618	0.8129
		12	0.0013	0.0008	0.0002	0.7440	2.0150	-0.0189	-0.0061	-0.0027	1.6187	0.7235
614	12	10	0.598	6.24	-0.00	0.6716	2.0971	-0.0245	-0.0082	-0.0057	1.6712	1.4046

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
614	13	11	0.0077	0.0004	0.0052	0.5947	2.0891	0.1551	0.0519	0.0541	1.6754	1.7439						
		12	0.0008	-0.0004	-0.0004	2.9611	-2.5562	0.1571	0.0532	0.0545	1.6946	1.7373						
614	14	10	0.600	9.32	-0.00	-1.3286	2.9366	0.2599	0.0750	0.0930	1.4434	1.7906						
		11	0.0030	-0.0008	0.0018	2.9576	-2.7190	0.2608	0.0756	0.0940	1.4505	1.6017						
614	14	10	0.601	12.45	-0.00	-2.8271	3.3356	0.3880	0.0808	0.1400	1.0414	1.8047						
		11	0.0022	-0.0012	0.0015	2.6563	73.8024	0.3835	0.0802	0.1397	1.0463	1.8222						
614	15	10	0.601	0.05	-0.00	0.7939	2.1866	-0.0226	-0.0077	-0.0054	1.6978	1.1977						
		11	0.0099	0.0015	0.0043	6.7002	-0.0051	-0.0163	-0.0050	-0.0045	1.5502	1.3888						
615	1	10	0.600	-3.01	-0.00	0.8301	1.9327	-0.0803	-0.0285	-0.0264	1.7779	1.6472						
		11	0.0122	0.0020	0.0047	2.5622	1.0252	-0.0738	-0.0260	-0.0252	1.7611	1.7111						
615	2	10	0.601	-0.98	-0.00	0.9294	1.8440	-0.0395	-0.0136	-0.0115	1.7301	1.4639						
		11	0.0128	0.0023	0.0047	3.0457	1.2150	-0.0316	-0.0104	-0.0104	1.6561	1.6566						
615	3	10	0.601	0.05	-0.00	0.7827	1.9513	-0.0256	-0.0087	-0.0065	1.7024	1.2816						
		11	0.0107	0.0016	0.0041	3.0359	0.8045	-0.0196	-0.0063	-0.0057	1.6044	1.4698						
615	4	10	0.600	0.57	-0.00	0.8210	1.8520	-0.0206	-0.0070	-0.0040	1.7012	0.9711						
		11	0.0109	0.0017	0.0040	2.5568	0.6799	-0.0158	-0.0047	-0.0037	1.4978	1.1725						
615	5	10	0.601	1.09	-0.00	0.7690	2.0091	-0.0148	-0.0065	-0.0022	1.6727	0.5848						
		11	0.0093	0.0014	0.0037	3.0311	0.6014	-0.0148	-0.0043	-0.0017	1.4558	0.5963						
615	6	10	0.601	3.16	-0.00	0.6431	1.8747	0.0534	0.0183	0.0196	1.7173	1.8381						
		11	0.0092	0.0011	0.0034	3.0168	0.0005	0.0572	0.0203	0.0192	1.7796	1.6833						
615	7	10	0.600	6.22	-0.00	0.5963	2.0688	0.1506	0.0508	0.0527	1.6870	1.7493						
		11	0.0091	0.0010	0.0037	4.8263	-5.4882	0.1532	0.0520	0.0533	1.6994	1.7405						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
615	8	10	0.600	0.32	-0.00	-6.2726	6.1017	0.2658	0.0756	0.0958	1.4230	1.8017									
		11	0.0010	-0.0012	0.0012	1.8059	-0.8453	0.2626	0.0758	0.0945	1.4448	1.8004									
		12	0.0016	0.0005	-0.0002																
615	9	10	0.601	12.48	-0.00	17.3192	-5.1644	0.3894	0.0809	0.1404	1.0398	1.8026									
		11	-0.0005	-0.0018	0.0005	2.8480	-7.7537	0.3802	0.0802	0.1387	1.0556	1.8244									
		12	0.0004	0.0002	-0.0006																
615	10	10	0.601	0.02	-0.00	9.8065	1.9440	-0.0232	-0.0080	-0.0058	1.7319	1.2607									
		11	0.0104	0.0016	0.0040	9.4000	4.4639	-0.0188	-0.0059	-0.0053	1.5891	1.4270									
		12	0.0003	0.0005	0.0002																
616	1	10	0.600	-2.99	-0.00	9.8755	1.8804	-0.0840	-0.0296	-0.0269	1.7619	1.6013									
		11	0.0130	0.0022	0.0048	3.0607	1.8416	-0.0739	-0.0260	-0.0254	1.7611	1.7207									
		12	0.0015	0.0009	0.0005																
616	2	10	0.599	-0.97	-0.00	9.8766	1.9789	-0.0406	-0.0139	-0.0121	1.7150	1.4783									
		11	0.0116	0.0020	0.0046	3.0428	1.0913	-0.0319	-0.0106	-0.0109	1.6642	1.7134									
		12	0.0019	0.0011	0.0004																
616	3	10	0.601	0.02	-0.00	6.7827	1.9513	-0.0249	-0.0085	-0.0065	1.7046	1.3179									
		11	0.0107	0.0016	0.0041	6.7002	-0.0051	-0.0177	-0.0055	-0.0053	1.5559	1.5168									
		12	0.0005	0.0007	-0.0000																
616	4	10	0.601	0.58	-0.00	9.7811	1.8861	-0.0209	-0.0070	-0.0042	1.6751	1.0252									
		11	0.0107	0.0016	0.0040	6.9408	2.7443	-0.0144	-0.0042	-0.0034	1.4847	1.1905									
		12	0.0005	0.0007	0.0002																
616	5	10	0.601	1.05	-0.00	9.8210	1.8520	-0.0178	-0.0060	-0.0022	1.7075	0.6413									
		11	0.0109	0.0017	0.0040	6.9408	2.7443	-0.0132	-0.0037	-0.0019	1.4131	0.7224									
		12	0.0005	0.0007	0.0002																
616	6	10	0.601	3.15	-0.00	9.6937	1.9095	0.0517	0.0173	0.0194	1.6762	1.8795									
		11	0.0094	0.0013	0.0036	3.0311	0.6014	0.0547	0.0192	0.0187	1.7615	1.7178									
		12	0.0011	0.0007	0.0001																
616	7	10	0.601	6.21	-0.00	9.6239	1.9578	0.1520	0.0513	0.0532	1.6883	1.7498									
		11	0.0096	0.0011	0.0037	2.9914	-1.1632	0.1552	0.0527	0.0537	1.6985	1.7304									
		12	0.0011	0.0007	-0.0002																
616	8	10	0.601	9.31	-0.00	-1.2109	2.6621	0.2608	0.0750	0.0935	1.4385	1.7931									
		11	0.0033	-0.0008	0.0013																

← See Key →

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key →											
616	9	12	0.0006	0.0003	-0.0004	2.9436	-5.3609	0.2602	0.0757	0.0936	1.4546	1.7985	
		10	0.601	12.49	-0.00								
		11	0.0021	-0.0011	0.0012	-2.7318	2.8829	0.3830	0.0812	0.1381	1.0599	1.8033	
		12	-0.0004	0.0002	-0.0009	-2.7290	9.8966	0.3781	0.0811	0.1370	1.0731	1.8127	
616	10	10	0.601	0.05	-0.00								
		11	0.0098	0.0015	0.0041	0.7922	2.1161	-0.0234	-0.0081	-0.0057	1.7421	1.2194	
		12	0.0008	0.0009	0.0004	5.2820	2.3584	-0.0191	-0.0059	-0.0056	1.5616	1.4780	

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																																	
617	5	10	1.253	-3.18	0.0022	0.0042	0.0026	0.0002	0.0022	0.1143	2.2942	-0.0567	-0.0226	-0.0200	-0.0200	1.6948	1.7326	1.6680	1.7682																
		11	0.0092	0.0022	0.0022	0.0042	0.0026	0.0002	0.0022	1.4313	1.2140	-0.0567	-0.0226	-0.0200	-0.0200	1.6948	1.7326	1.6680	1.7682																
		12	0.0092	0.0026	0.0022	0.0042	0.0026	0.0002	0.0022	1.4313	1.2140	-0.0567	-0.0226	-0.0200	-0.0200	1.6948	1.7326	1.6680	1.7682																
617	6	10	1.252	-0.06	0.0025	0.0036	0.0023	0.0004	0.0025	0.2592	2.3694	0.0186	0.0076	0.0055	0.0055	1.6550	1.7926	1.5023	1.1669																
		11	0.0077	0.0004	0.0036	0.0036	0.0023	0.0004	0.0036	1.0562	1.1676	0.0214	0.0076	0.0049	0.0049	1.6550	1.7926	1.5023	1.1669																
		12	0.0110	0.0023	0.0025	0.0036	0.0023	0.0004	0.0025	1.0562	1.1676	0.0214	0.0076	0.0049	0.0049	1.6550	1.7926	1.5023	1.1669																
617	7	10	1.251	0.97	0.0004	0.0039	0.0024	0.0009	0.0024	0.2853	2.6886	0.0377	0.0136	0.0128	0.0128	1.8056	1.8927	1.7058	1.4914																
		11	0.0072	0.0004	0.0039	0.0039	0.0024	0.0009	0.0039	1.1103	1.1261	0.0409	0.0136	0.0122	0.0122	1.8056	1.8927	1.7058	1.4914																
		12	0.0109	0.0024	0.0024	0.0039	0.0024	0.0009	0.0024	1.1103	1.1261	0.0409	0.0136	0.0122	0.0122	1.8056	1.8927	1.7058	1.4914																
617	8	10	1.253	3.12	0.0034	0.0034	0.0016	0.0005	0.0034	0.4389	2.5394	0.0941	0.0323	0.0314	0.0314	1.6610	1.7553	1.6697	1.6179																
		11	0.0068	0.0005	0.0034	0.0034	0.0016	0.0005	0.0034	0.8188	1.2078	0.0921	0.0323	0.0298	0.0298	1.6610	1.7553	1.6697	1.6179																
		12	0.0102	0.0016	0.0024	0.0034	0.0016	0.0005	0.0024	0.8188	1.2078	0.0921	0.0323	0.0298	0.0298	1.6610	1.7553	1.6697	1.6179																
617	9	10	1.252	6.26	0.0019	0.0028	0.0025	0.0006	0.0019	-4.3326	13.2942	0.1939	0.0533	0.0676	0.0676	1.3762	1.4760	1.7448	1.7136																
		11	0.0007	-0.0006	0.0019	0.0019	0.0025	0.0006	0.0019	-1.0840	1.2086	0.1881	0.0533	0.0644	0.0644	1.3762	1.4760	1.7448	1.7136																
		12	0.0116	0.0025	0.0028	0.0019	0.0025	0.0006	0.0028	-1.0840	1.2086	0.1881	0.0533	0.0644	0.0644	1.3762	1.4760	1.7448	1.7136																
617	10	10	1.251	9.43	0.0005	0.0023	0.0031	0.0003	0.0005	1.2353	-0.6659	0.3121	0.0689	0.1105	0.1105	1.1046	1.1925	1.7712	1.7652																
		11	0.0043	-0.0010	0.0005	0.0023	0.0031	0.0003	0.0005	1.4414	-1.0923	0.2979	0.0710	0.1051	0.1051	1.1046	1.1925	1.7712	1.7652																
		12	0.0107	0.0031	0.0023	0.0005	0.0031	0.0003	0.0023	1.4414	-1.0923	0.2979	0.0710	0.1051	0.1051	1.1046	1.1925	1.7712	1.7652																
617	11	10	1.251	12.67	0.0000	0.0019	0.0039	0.0002	0.0000	0.9813	0.0659	0.4268	0.0820	0.1523	0.1523	0.9488	0.9927	1.7848	1.7800																
		11	0.0064	-0.0012	0.0000	0.0019	0.0039	0.0002	0.0000	1.9947	0.9762	0.4132	0.0820	0.1471	0.1471	0.9488	0.9927	1.7848	1.7800																
		12	0.0097	0.0039	0.0019	0.0000	0.0039	0.0002	0.0019	1.9947	0.9762	0.4132	0.0820	0.1471	0.1471	0.9488	0.9927	1.7848	1.7800																
617	12	10	1.253	-0.06	0.0023	0.0039	0.0020	0.0002	0.0023	0.1416	2.5321	0.0171	0.0075	0.0049	0.0049	1.6687	1.7317	1.5027	1.1302																
		11	0.0077	0.0002	0.0039	0.0039	0.0020	0.0002	0.0039	0.9953	1.1392	0.0217	0.0075	0.0049	0.0049	1.6687	1.7317	1.5027	1.1302																
		12	0.0104	0.0020	0.0023	0.0039	0.0020	0.0002	0.0023	0.9953	1.1392	0.0217	0.0075	0.0049	0.0049	1.6687	1.7317	1.5027	1.1302																
618	1	10	1.250	-3.14	0.0017	0.0039	0.0025	0.0000	0.0017	0.0233	2.7334	-0.0699	-0.0257	-0.0234	-0.0234	1.8439	1.7418	1.6736	1.7669																
		11	0.0072	0.0000	0.0039	0.0039	0.0025	0.0000	0.0039	1.6133	1.0942	-0.0662	-0.0257	-0.0234	-0.0234	1.8439	1.7418	1.6736	1.7669																
		12	0.0077	0.0025	0.0017	0.0039	0.0025	0.0000	0.0017	1.6133	1.0942	-0.0662	-0.0257	-0.0234	-0.0234	1.8439	1.7418	1.6736	1.7669																
618	2	10	1.252	-0.04	0.0004	0.0038	0.0017	0.0003	0.0004	0.2234	2.6697	0.0067	0.0024	0.0026	0.0026	1.4223	1.5770	1.9536	0.8108																
		11	0.0072	0.0003	0.0038	0.0038	0.0017	0.0003	0.0038	0.8291	1.2684	0.0076	0.0024	0.0012	0.0012	1.4223	1.5770	1.9536	0.8108																
		12	0.0107	0.0017	0.0027	0.0038	0.0017	0.0003	0.0027	0.8291	1.2684	0.0076	0.0024	0.0012	0.0012	1.4223	1.5770	1.9536	0.8108																
618	3	10	1.252	1.02	0.0007	0.0028	0.0017	0.0001	0.0007	0.2811	2.5355	0.0306	0.0110	0.0099	0.0099	1.8193	1.8068	1.7327	1.4945																
		11	0.0073	0.0004	0.0028	0.0028	0.0017	0.0001	0.0028	0.8283	1.5223	0.0306	0.0110	0.0099	0.0099	1.8193	1.8068	1.7327	1.4945																
		12	0.0107	0.0017	0.0028	0.0028	0.0017	0.0001	0.0028	0.8283	1.5223	0.0306	0.0110	0.0099	0.0099	1.8193	1.8068	1.7327	1.4945																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
618	4	10 11 12	1.252 0.0069 0.0114	3.15 0.0005 0.0020	-0.00 0.0033 0.0028	0.3607 0.8995	2.4230 1.2376	0.0847 0.0837	0.0284 0.0291	0.0286 0.0269	1.6759 1.7382	1.6889 1.6103						
618	5	10 11 12	1.250 0.0001 0.0118	6.32 -0.0005 0.0026	-0.00 0.0017 0.0027	23.0232 1.1102	73.8375 1.1440	0.1886 0.1816	0.0526 0.0543	0.0651 0.0620	1.3946 1.4969	1.7275 1.7083						
618	6	10 11 12	1.252 -0.0060 0.0111	9.47 -0.0011 0.0030	-0.00 0.0002 0.0024	0.9656 1.3508	-0.2077 1.1087	0.3086 0.2940	0.0687 0.0707	0.1088 0.1033	1.1132 1.2035	1.7632 1.7580						
618	7	10 11 12	1.251 -0.0071 0.0112	12.72 -0.0011 0.0041	-0.00 0.0001 0.0023	0.8288 1.8527	0.1372 1.0491	0.4258 0.4125	0.0808 0.0818	0.1516 0.1465	0.9488 0.9924	1.7805 1.7760						
618	8	10 11 12	1.252 0.0072 0.0100	-0.05 0.0002 0.0015	-0.00 0.0039 0.0025	0.1554 0.7838	2.7108 1.2834	0.0047 0.0070	0.0011 0.0020	0.0018 0.0009	1.2369 1.4829	1.9253 0.7058						
619	1	10 11 12	1.250 0.0081 0.0083	-3.14 0.0000 0.0025	-0.00 0.0043 0.0020	0.0214 1.5378	2.6654 1.2117	-0.0741 -0.0695	-0.0271 -0.0245	-0.0246 -0.0247	1.8302 1.7629	1.6603 1.7816						
619	2	10 11 12	1.252 0.0082 0.0106	-0.03 0.0005 0.0017	-0.00 0.0042 0.0028	0.3113 0.8283	2.5904 1.3223	0.0012 0.0034	0.0001 0.0011	0.0009 0.0001	0.6517 1.6371	3.5572 0.1642						
619	3	10 11 12	1.251 0.0075 0.0106	1.01 0.0002 0.0017	-0.00 0.0039 0.0029	0.1483 0.8276	2.6185 1.3763	0.0235 0.0251	0.0082 0.0086	0.0064 0.0073	1.7478 1.7253	1.8016 1.4656						
619	4	10 11 12	1.251 0.0064 0.0111	3.16 0.0003 0.0018	-0.00 0.0034 0.0027	0.2493 0.8400	2.7278 1.2209	0.0815 0.0813	0.0273 0.0279	0.0278 0.0258	1.6774 1.7177	1.7098 1.5907						
619	5	10 11 12	1.252 -0.0000 -0.0111	6.33 -0.0003 0.0018	-0.00 0.0017 0.0027	25.3650 0.8400	1.2209	0.1871 0.1796	0.0523 0.0535	0.0643 0.0612	1.3970 1.4917	1.7178 1.7036						
619	6	10 11 12	1.250 -0.0050 -0.0110	9.50 -0.0009 0.0032	-0.00 0.0003 0.0022	0.9898 1.4641	-0.3611 1.0246	0.3072 0.2940	0.0685 0.0707	0.1085 0.1033	1.1161 1.2027	1.7671 1.7575						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
619	7	10	1.250	12.72	-0.0003	0.9324	0.1953	0.4261	0.0807	0.1518	0.9476	1.7622									
	11		-0.0078	-0.0014	-0.0022	2.0358	1.0256	0.4122	0.0816	0.1463	0.9905	1.7748									
	12		0.0110	0.0044	0.0022																
619	8	10	1.251	-0.02	-0.00	0.2950	2.3143	0.0018	0.0001	0.0008	0.4478	2.2207									
	11		0.0084	0.0005	0.0039	1.0066	1.2146	0.0026	0.0006	-0.0003	1.2346	-0.6314									
	12		0.0116	0.0023	0.0028																
620	1	10	1.250	-3.11	-0.00	0.1351	2.6978	-0.0784	-0.0284	-0.0263	1.8150	1.6820									
	11		0.0085	0.0002	0.0046	1.4461	1.2061	-0.0741	-0.0260	-0.0262	1.7550	1.7720									
	12		0.0088	0.0025	0.0021																
620	2	10	1.251	-0.01	-0.00	0.0737	2.4215	-0.0075	-0.0028	-0.0016	1.8934	2.0586									
	11		0.0081	0.0001	0.0039	0.8291	1.2684	-0.0057	-0.0020	-0.0024	1.8166	2.1342									
	12		0.0106	0.0017	0.0027																
620	3	10	1.251	1.04	-0.00	0.2314	2.6876	0.0136	0.0043	0.0057	1.6173	2.0995									
	11		0.0068	0.0003	0.0037	0.8488	1.2768	0.0143	0.0049	0.0047	1.7345	1.6628									
	12		0.0114	0.0019	0.0029																
620	4	10	1.251	3.17	-0.00	0.4234	2.5267	0.0750	0.0253	0.0253	1.6913	1.6882									
	11		0.0071	0.0006	0.0035	0.8287	1.2978	0.0732	0.0253	0.0252	1.7270	1.5887									
	12		0.0117	0.0019	0.0030																
620	5	10	1.251	6.36	-0.00	1.8481	-4.8711	0.1832	0.0512	0.0632	1.3987	1.7256									
	11		-0.0014	-0.0005	0.0013	0.9134	1.2475	0.1766	0.0529	0.0597	1.4986	1.6905									
	12		0.0121	0.0022	0.0030																
620	6	10	1.251	9.52	-0.00	1.1134	-0.1070	0.3055	0.0683	0.1074	1.1191	1.7577									
	11		-0.0065	-0.0014	0.0001	1.3690	1.0629	0.2917	0.0703	0.1024	1.2051	1.7553									
	12		0.0126	0.0034	0.0026																
620	7	10	1.251	12.73	-0.00	0.9983	0.1335	0.4241	0.0805	0.1506	0.9492	1.7762									
	11		-0.0073	-0.0014	-0.0001	1.9428	0.9930	0.4110	0.0814	0.1459	0.9904	1.7752									
	12		0.0107	0.0041	0.0021																
620	8	10	1.251	0.01	-0.00	0.1906	2.5965	-0.0072	-0.0028	-0.0016	1.9390	2.1192									
	11		0.0085	0.0003	0.0044	0.8505	1.2997	-0.0045	-0.0018	-0.0022	2.0093	2.4666									
	12		0.0105	0.0017	0.0027																
621	1	10	1.251	-3.07	-0.00	0.0632	2.3842	-0.0833	-0.0296	-0.0278	1.7794	1.6783									
	11		0.0096	0.0001	0.0046	1.3080	1.0535	-0.0782	-0.0273	-0.0278	1.7487	1.7765									
	12		0.0091	0.0023	0.0019																

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
621	2	10	1.248	0.0007	-0.0000	0.3876	2.4774	-0.0187	-0.0069	-0.0052	1.8613	1.4147										
			0.0090	0.0025	0.0045	1.1368	1.1615	-0.0167	-0.0058	-0.0058	1.7331	1.7556										
			0.0111	0.0017	0.0026																	
621	3	10	1.251	1.07	-0.00	0.1467	2.4018	-0.0058	-0.0022	0.0013	1.9080	-1.1631										
			0.0072	0.0002	0.0034	0.6714	1.2190	-0.0103	-0.0031	-0.0013	1.5104	0.6383										
			0.0129	0.0017	0.0031																	
621	4	10	1.252	3.23	-0.00	0.4367	2.4577	0.0666	0.0222	0.0199	1.6679	1.6758										
			0.0068	0.0005	0.0033	0.6985	1.1457	0.0633	0.0207	0.0199	1.6405	1.5749										
			0.0138	0.0019	0.0031																	
621	5	10	1.251	6.41	-0.00	-5.8375	45.7406	0.1776	0.0501	0.0507	1.4121	1.7112										
			0.0001	-0.0003	0.0015	0.8579	1.0851	0.1714	0.0516	0.0580	1.5068	1.6914										
			0.0130	0.0022	0.0028																	
621	6	10	1.250	9.51	-0.00	0.9656	-0.2077	0.3007	0.0675	0.1059	1.1222	1.7620										
			0.0060	-0.0011	0.0002	1.2932	1.1215	0.2867	0.0698	0.1002	1.2189	1.7488										
			0.0130	0.0033	0.0029																	
621	7	10	1.250	12.77	-0.00	0.7290	0.1440	0.4237	0.0807	0.1504	0.9526	1.7753										
			0.0068	-0.0009	-0.0001	1.9586	1.0310	0.4096	0.0813	0.1453	0.9930	1.7744										
			0.0109	0.0042	0.0022																	
621	8	10	1.251	0.02	-0.00	0.1749	2.3852	-0.0193	-0.0070	-0.0053	1.8200	1.3960										
			0.0089	0.0003	0.0042	0.7814	1.2383	-0.0179	-0.0063	-0.0062	1.7745	1.7336										
			0.0118	0.0018	0.0029																	
622	1	10	1.250	-3.04	-0.00	0.2123	2.3354	-0.0878	-0.0309	-0.0297	1.7621	1.6943										
			0.0095	0.0004	0.0044	1.3542	1.0918	-0.0839	-0.0287	-0.0295	1.7121	1.7598										
			0.0097	0.0026	0.0021																	
622	2	10	1.250	0.05	-0.00	0.2935	2.5668	-0.0281	-0.0100	-0.0083	1.7876	1.4863										
			0.0087	0.0005	0.0044	0.8508	1.1271	-0.0255	-0.0089	-0.0089	1.7565	1.7567										
			0.0114	0.0019	0.0025																	
622	3	10	1.251	1.13	-0.00	0.3425	2.6318	-0.0287	-0.0102	-0.0059	1.7790	1.0344										
			0.0074	0.0005	0.0039	0.4109	1.2252	-0.0299	-0.0100	-0.0080	1.6823	1.3444										
			0.0119	0.0009	0.0029																	
622	4	10	1.250	3.24	-0.00	0.9859	2.8949	0.0554	0.0162	0.0189	1.4658	1.7091										
			0.0060	0.0011	0.0034	0.6979	1.1873	0.0515	0.0147	0.0167	1.4343	1.6265										
			0.0137	0.0019	0.0032																	

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
622	5	10	1.251	6.43	-0.0019	-6.9855	39.3779	0.1743	0.0492	0.0594	1.4126	1.7040						
		11	-0.0002	0.0003	0.0029	0.8754	1.1520	0.1652	0.0498	0.0557	1.5099	1.6884						
		12	-0.0127	0.0022	0.0029	0.8754	1.1520	0.1652	0.0498	0.0557	1.5099	1.6884						
622	6	10	1.250	9.58	-0.0005	0.7882	-0.5280	0.2997	0.0680	0.1054	1.1343	1.7591						
		11	-0.0056	-0.0008	0.0024	1.3650	1.0547	0.2847	0.0695	0.0995	1.2211	1.7475						
		12	-0.0117	0.0032	0.0024	1.3650	1.0547	0.2847	0.0695	0.0995	1.2211	1.7475						
622	7	10	1.251	12.80	-0.0001	1.0402	0.1305	0.4211	0.0803	0.1496	0.9542	1.7762						
		11	-0.0075	-0.0015	0.0018	1.8099	0.8773	0.4084	0.0813	0.1449	0.9961	1.7737						
		12	-0.0103	0.0037	0.0018	1.8099	0.8773	0.4084	0.0813	0.1449	0.9961	1.7737						
622	8	10	1.251	0.005	-0.000	0.1906	2.4038	-0.0282	-0.0100	-0.0083	1.7876	1.4863						
		11	0.0081	0.0003	0.0039	0.8501	1.1769	-0.0262	-0.0093	-0.0092	1.7864	1.7580						
		12	0.0115	0.0019	0.0027	0.8501	1.1769	-0.0262	-0.0093	-0.0092	1.7864	1.7580						
623	5	10	1.252	-2.99	-0.000	1.1027	2.1909	-0.0931	-0.0329	-0.0307	1.7673	1.6513						
		11	0.0092	0.0020	0.0040	1.6414	1.2716	-0.0900	-0.0300	-0.0311	1.6712	1.7321						
		12	0.0084	0.0027	0.0021	1.6414	1.2716	-0.0900	-0.0300	-0.0311	1.6712	1.7321						
623	6	10	1.252	0.11	-0.000	1.1770	2.6337	-0.0361	-0.0130	-0.0106	1.8032	1.4759						
		11	0.0079	0.0018	0.0041	1.3265	1.2286	-0.0379	-0.0116	-0.0126	1.5342	1.6674						
		12	0.0096	0.0025	0.0023	1.3265	1.2286	-0.0379	-0.0116	-0.0126	1.5342	1.6674						
623	7	10	1.250	1.19	-0.000	1.5759	2.5813	-0.0477	-0.0159	-0.0132	1.6723	1.3839						
		11	0.0074	0.0023	0.0038	1.1735	1.2780	-0.0470	-0.0137	-0.0149	1.4620	1.5885						
		12	0.0092	0.0021	0.0023	1.1735	1.2780	-0.0470	-0.0137	-0.0149	1.4620	1.5885						
623	8	10	1.251	3.30	-0.000	1.7643	2.6897	0.0380	0.0077	0.0156	1.0171	2.0563						
		11	0.0060	0.0021	0.0032	0.8481	1.3269	0.0284	0.0060	0.0112	1.0699	1.9710						
		12	0.0114	0.0019	0.0030	0.8481	1.3269	0.0284	0.0060	0.0112	1.0699	1.9710						
623	9	10	1.251	6.47	-0.000	-7.2597	-12.3564	0.1655	0.0478	0.0572	1.4442	1.7280						
		11	-0.0006	0.0010	0.0030	-1.5378	1.2117	0.1534	0.0486	0.0518	1.5850	1.6900						
		12	-0.0125	0.0038	0.0030	-1.5378	1.2117	0.1534	0.0486	0.0518	1.5850	1.6900						
623	10	10	1.253	9.61	-0.000	0.4466	0.3829	0.2924	0.0669	0.1035	1.1440	1.7708						
		11	-0.0069	-0.0006	-0.0005	1.7702	1.1005	0.2759	0.0691	0.0967	1.2533	1.7523						
		12	-0.0117	0.0041	0.0025	1.7702	1.1005	0.2759	0.0691	0.0967	1.2533	1.7523						
623	11	10	1.252	12.85	-0.000	0.8394	0.4611	0.4170	0.0802	0.1488	0.9621	1.7840						
		11	-0.0081	-0.0013	-0.0007	1.9269	1.0077	0.4022	0.0814	0.1428	1.0128	1.7760						
		12	-0.0105	0.0040	0.0021	1.9269	1.0077	0.4022	0.0814	0.1428	1.0128	1.7760						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
623	12	10	1.252	0.10	-0.00	0.9360	2.3472	-0.0368	-0.0131	-0.0112	1.7886	1.5217								
	11	10	0.0088	0.0016	0.0041	1.1740	1.2160	-0.0381	-0.0119	-0.0126	1.5689	1.6660								
	12	10	0.0092	0.0021	0.0022															
624	1	10	0.901	-2.96	-0.00	0.6995	1.9991	-0.0938	-0.0353	-0.0318	1.8832	1.7001								
	11	10	0.0122	0.0017	0.0048	2.2685	0.5441	-0.0877	-0.0328	-0.0300	1.8743	1.7132								
	12	10	0.0028	0.0012	0.0003															
624	2	10	0.900	0.11	-0.00	0.6750	2.0609	-0.0361	-0.0138	-0.0116	1.9138	1.6087								
	11	10	0.0107	0.0014	0.0044	2.6683	1.0668	-0.0316	-0.0117	-0.0104	1.8543	1.6559								
	12	10	0.0028	0.0015	0.0006															
624	3	10	0.902	1.10	-0.00	0.6507	2.1752	-0.0387	-0.0138	-0.0111	1.7939	1.4371								
	11	10	0.0102	0.0013	0.0044	2.6352	0.8607	-0.0342	-0.0120	-0.0104	1.7599	1.5233								
	12	10	0.0026	0.0014	0.0004															
624	4	10	0.900	3.22	-0.00	0.5063	2.1613	0.0241	0.0025	0.0123	0.5376	2.5556								
	11	10	0.0092	0.0009	0.0039	2.2715	0.8192	0.0213	0.0019	0.0106	0.4584	2.4853								
	12	10	0.0028	0.0012	0.0004															
624	5	10	0.900	6.31	-0.00	0.4281	2.1302	0.1531	0.0509	0.0524	1.6628	1.7136								
	11	10	0.0093	0.0008	0.0039	2.1326	0.4268	0.1493	0.0502	0.0507	1.6809	1.6994								
	12	10	0.0036	0.0015	0.0003															
624	6	10	0.900	9.39	-0.00	-4.7870	5.2197	0.2908	0.0879	0.1021	1.5124	1.7566								
	11	10	0.0016	-0.0015	0.0016	1.9417	0.7816	0.2849	0.0874	0.1012	1.5345	1.7757								
	12	10	0.0049	0.0019	0.0007															
624	7	10	0.898	12.56	0.00	1.7783	102.2556	0.4138	0.0707	0.1450	0.8547	1.7523								
	11	10	0.0000	-0.0020	0.0009			0.4127	0.0733	0.1461	0.8883	1.7703								
	12	10	0.0043	0.0015	0.0003															
624	8	10	0.899	0.07	-0.00	0.7223	2.0902	-0.0372	-0.0140	-0.0117	1.8894	1.5814								
	11	10	0.0110	0.0015	0.0046	2.3244	0.7611	-0.0323	-0.0119	-0.0106	1.8491	1.6400								
	12	10	0.0030	0.0014	0.0004															
625	9	10	0.901	-3.03	-0.00	0.6059	2.0355	-0.0890	-0.0334	-0.0302	1.8796	1.6964								
	11	10	0.0108	0.0013	0.0044	2.6352	0.8607	-0.0812	-0.0304	-0.0279	1.8723	1.7212								
	12	10	0.0026	0.0014	0.0004															
625	10	10	0.900	0.03	-0.00	0.6969	1.9579	-0.0307	-0.0116	-0.0090	1.8914	1.4768								
	11	10	0.0113	0.0015	0.0044															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																				
625	11	12	0.0026	0.0014	0.0006	2.6402	1.1529	-0.0247	-0.0090	-0.0078	1.8325	1.5869									
			0.900	1.08	-0.00																
			0.0115	0.0017	0.0045	0.7414	1.9877	-0.0304	-0.0109	-0.0065	1.8017	1.0790									
			0.0034	0.0016	0.0007	2.4164	1.1186	-0.0282	-0.0098	-0.0067	1.7472	1.2034									
625	12	10	0.899	3.19	-0.00																
			0.0105	0.0013	0.0042	0.6258	2.0305	0.0484	0.0147	0.0170	1.5236	1.7564									
			0.0043	0.0017	0.0009	2.0501	1.0625	0.0476	0.0144	0.0163	1.5188	1.7192									
625	13	10	0.900	6.30	-0.00																
			0.0071	-0.0001	0.0032	-0.0826	2.2536	0.1612	0.0540	0.0550	1.6747	1.7071									
			0.0032	0.0015	0.0004	2.3703	0.7107	0.1583	0.0536	0.0540	1.6927	1.7059									
625	14	10	0.901	9.39	-0.00																
			0.0010	-0.0016	0.0012	-8.0804	5.8689	0.2973	0.0893	0.1050	1.5021	1.7662									
			0.0054	0.0020	0.0010	1.8579	0.9854	0.2919	0.0890	0.1030	1.5252	1.7654									
625	15	10	0.900	12.56	0.00																
			0.0013	-0.0016	0.0009	-6.1532	3.3042	0.4173	0.0699	0.1464	0.8383	1.7549									
			0.0061	0.0020	0.0010	1.6413	0.8733	0.4167	0.0724	0.1470	0.8687	1.7645									
625	16	10	0.900	0.01	-0.00																
			0.0107	0.0014	0.0042	0.6732	1.9898	-0.0307	-0.0116	-0.0090	1.8914	1.4768									
			0.0026	0.0014	0.0006	2.6402	1.1529	-0.0249	-0.0091	-0.0078	1.8425	1.5733									
626	1	10	0.900	-3.05	-0.00																
			0.0124	0.0018	0.0050	0.7408	2.0260	-0.0834	-0.0314	-0.0289	1.8813	1.7321									
			0.0037	0.0016	0.0006	2.1861	0.8094	-0.0764	-0.0284	-0.0262	1.8565	1.7179									
626	2	10	0.900	-0.00	-0.00																
			0.0102	0.0013	0.0044	0.6507	2.1752	-0.0232	-0.0087	-0.0064	1.8828	1.3857									
			0.0032	0.0015	0.0006	2.3733	0.9510	-0.0173	-0.0062	-0.0049	1.8015	1.4428									
626	3	10	0.901	1.06	-0.00																
			0.0100	0.0011	0.0042	0.5982	2.1455	-0.0100	-0.0043	0.0001	2.1521	-0.0732									
			0.0037	0.0016	0.0009	2.1899	1.2218	-0.0089	-0.0034	0.0000	1.9349	-0.0087									
626	4	10	0.900	3.15	-0.00																
			0.0093	0.0008	0.0039	0.4281	2.1302	0.0590	0.0185	0.0200	1.5749	1.6964									
			0.0038	0.0016	0.0006	2.1861	0.8094	0.0602	0.0192	0.0199	1.6006	1.6553									
626	5	10	0.901	6.28	-0.00																

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
626	6	10	0.0075	0.0001	0.0033	0.0956	2.2263	0.1651	0.0552	0.0554	1.6723	1.7076								
		11	0.0051	0.0020	0.0006	1.9858	0.5980	0.1628	0.0551	0.0556	1.6946	1.7065								
		12	0.900	9.38	-0.00	-6.1184	3.8543	0.3000	0.0899	0.1061	1.4988	1.7681								
		11	0.0013	-0.0016	0.0010	1.8926	0.8172	0.2945	0.0893	0.1048	1.5176	1.7808								
		12	0.0047	0.0017	0.0007	-1.2256	2.2520	0.4165	0.0692	0.1457	0.8312	1.7493								
626	7	10	0.900	12.56	-0.00	1.8376	0.5117	0.4179	0.0723	0.1477	0.8650	1.7671								
		11	0.0037	-0.0009	0.0016	0.7167	1.8647	-0.0228	-0.0084	-0.0052	1.8612	1.7469								
		12	0.0045	0.0016	0.0004	2.6683	1.0668	-0.0167	-0.0061	-0.0050	1.8246	1.4915								
626	8	10	0.900	0.00	-0.00	0.6095	2.1760	-0.0796	-0.0296	-0.0273	1.8600	1.7147								
		11	0.0119	0.0017	0.0044	2.1842	0.6054	-0.0717	-0.0265	-0.0248	1.8478	1.7336								
		12	0.0028	0.0015	0.0006	0.6507	2.1752	-0.0109	-0.0043	-0.0029	1.9635	1.3567								
627	1	10	0.900	-3.06	-0.00	2.3733	0.9510	-0.0055	-0.0018	-0.0015	1.6851	1.5656								
		11	0.0109	0.0013	0.0047	0.5744	1.9987	0.0103	0.0031	0.0046	1.5076	2.2651								
		12	0.0038	0.0016	0.0004	2.4164	1.1186	0.0156	0.0054	0.0056	1.7420	1.7995								
627	2	10	0.899	-0.02	-0.00	0.4259	2.0482	0.0713	0.0240	0.0241	1.6825	1.6950								
		11	0.0102	0.0013	0.0044	2.1861	0.8094	0.0724	0.0246	0.0238	1.6988	1.6448								
		12	0.0032	0.0015	0.0006	0.0076	2.1874	0.1742	0.0583	0.0591	1.6742	1.7123								
627	3	10	0.900	1.01	-0.00	-7.7466	5.2082	0.2991	0.0896	0.1060	1.4985	1.7727								
		11	0.0103	0.0011	0.0041	-2.1823	0.4028	0.2957	0.0895	0.1054	1.5141	1.7825								
		12	0.0034	0.0016	0.0007	-2.7177	3.2027	0.4167	0.0688	0.1461	0.8256	1.7534								
627	4	10	0.900	3.11	-0.00	1.8382	0.6835	0.4186	0.0721	0.0721	0.8615	1.7673								
		11	0.0093	0.0007	0.0038	0.0076	2.1874	0.1742	0.0583	0.0591	1.6742	1.7123								
		12	0.0037	0.0016	0.0006	2.0944	0.8415	0.1718	0.0582	0.0591	1.6944	1.7204								
627	5	10	0.901	6.25	-0.00	0.0076	2.1874	0.1742	0.0583	0.0591	1.6742	1.7123								
		11	0.0069	0.0000	0.0030	2.0944	0.8415	0.1718	0.0582	0.0591	1.6944	1.7204								
		12	0.0045	0.0019	0.0007	-7.7466	5.2082	0.2991	0.0896	0.1060	1.4985	1.7727								
627	6	10	0.899	9.35	-0.00	-2.1823	0.4028	0.2957	0.0895	0.1054	1.5141	1.7825								
		11	0.0011	-0.0018	0.0012	-2.7177	3.2027	0.4167	0.0688	0.1461	0.8256	1.7534								
		12	0.0038	0.0016	0.0003	-2.7177	3.2027	0.4186	0.0721	0.0721	0.8615	1.7673								
627	7	10	0.899	12.54	0.00	1.8382	0.6835	0.4186	0.0721	0.0721	0.8615	1.7673								
		11	0.0023	-0.0012	0.0015	-2.7177	3.2027	0.4167	0.0688	0.1461	0.8256	1.7534								
		12	0.0045	0.0016	0.0006	-2.7177	3.2027	0.4186	0.0721	0.0721	0.8615	1.7673								

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
627	8	10	0.901	-0.02	0.5674	2.2743	-0.0130	-0.0049	-0.0034	1.8886	1.3193												
		11	0.0094	0.0010	2.4164	1.1186	-0.0062	-0.0021	-0.0016	1.6789	1.3195												
		12	0.0034	0.0016																			
62A	1	10	0.899	-3.09	0.7215	2.0580	-0.0742	-0.0274	-0.0257	1.8478	1.7318												
		11	0.0119	0.0017	2.3703	0.7107	-0.0674	-0.0245	-0.0233	1.8220	1.7278												
		12	0.0032	0.0015																			
62A	2	10	0.898	-0.04	0.6258	2.0305	-0.0018	-0.0008	-0.0003	2.4413	0.8557												
		11	0.0105	0.0013	2.4164	1.1186	0.0038	0.0012	0.0009	1.6321	1.1957												
		12	0.0034	0.0016																			
62A	3	10	0.900	1.01	0.3291	2.2373	0.0213	0.0070	0.0074	1.6458	1.7535												
		11	0.0081	0.0005	2.0970	1.1842	0.0261	0.0090	0.0080	1.7315	1.5386												
		12	0.0045	0.0019																			
62A	4	10	0.900	3.10	0.3674	2.1806	0.0772	0.0267	0.0258	1.7330	1.6740												
		11	0.0091	0.0006	1.9417	0.7816	0.0799	0.0279	0.0265	1.7471	1.6580												
		12	0.0049	0.0019																			
62A	5	10	0.901	6.23	-0.1958	2.4624	0.1781	0.0597	0.0609	1.6768	1.7110												
		11	0.0061	-0.0002	-1.9985	0.9289	0.1773	0.0599	0.0612	1.6906	1.7281												
		12	0.0041	0.0016																			
62A	6	10	0.901	9.34	-2.5161	2.3962	0.3032	0.0904	0.1075	1.4915	1.7739												
		11	0.0028	-0.0014	-1.9867	0.7489	0.3011	0.0907	0.1070	1.5061	1.7776												
		12	0.0051	0.0020																			
62A	7	10	0.898	12.53	0.6750	2.7939	0.4166	0.0684	0.1455	0.8218	1.7465												
		11	0.0027	-0.0013	-2.3811	0.2841	0.4193	0.0716	0.1481	0.8544	1.7664												
		12	0.0054	0.0017																			
62A	8	10	0.901	-0.04	0.6750	2.0609	-0.0020	-0.0010	-0.0006	2.5157	1.5421												
		11	0.0107	0.0014	2.2325	0.5604	0.0045	0.0014	0.0009	1.6331	0.9937												
		12	0.0039	0.0017																			
62A	1	10	0.900	-3.10	0.6077	2.1058	-0.0738	-0.0268	-0.0251	1.3159	1.7033												
		11	0.0108	0.0013	2.6019	0.9357	-0.0647	-0.0233	-0.0224	1.8069	1.7379												
		12	0.0024	0.0012																			
62A	2	10	0.898	-0.06	0.5943	1.9921	0.0023	0.0003	0.0006	0.7611	1.3280												
		11	0.0099	0.0011																			

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
629	3	12	0.0043	0.0017	0.0009	2.0501	1.0625	0.0080	0.0027	0.0016	1.7057	1.0366								
			0.900	1.01	-0.00															
			0.0100	0.0010	0.0036	0.5170	1.8138	0.0258	0.0085	0.0087	1.6451	1.6835								
			0.0045	0.0019	0.0007	2.0944	0.8415	0.0321	0.0109	0.0101	1.7123	1.5796								
629	4	10	0.900	3.07	-0.00	0.3498	2.0190	0.0814	0.0287	0.0273	1.7645	1.6795								
			0.0094	0.0006	0.0038	2.1861	0.8094	0.0652	0.0301	0.0278	1.7671	1.6316								
			0.0037	0.0016	0.0006															
629	5	10	0.898	6.22	-0.00	-0.1884	2.3312	0.1779	0.0597	0.0605	1.6785	1.7030								
			0.0065	-0.0002	0.0030	-1.9867	0.7489	0.1785	0.0604	0.0615	1.6919	1.7229								
			0.0051	0.0020	0.0007															
629	6	10	0.897	9.35	-0.00	-3.3858	3.3171	0.3064	0.0913	0.1083	1.4898	1.7674								
			0.0022	-0.0015	0.0015	-1.9417	0.7816	0.3041	0.0914	0.1079	1.5031	1.7747								
			0.0049	0.0019	0.0007															
629	7	10	0.897	12.52	0.00	-2.2410	2.3734	0.4181	0.0695	0.1468	0.8319	1.7555								
			0.0032	-0.0014	0.0015	-1.7425	0.6591	0.4203	0.0718	0.1487	0.8542	1.7695								
			0.0058	0.0020	0.0007															
629	8	10	0.898	-0.05	-0.00	0.5982	2.1455	0.0017	0.0002	0.0004	0.6538	1.3034								
			0.0099	0.0011	0.0042	2.2345	1.1559	0.0088	0.0029	0.0018	1.6994	1.0329								
			0.0039	0.0017	0.0009															
630	1	10	0.898	-3.11	-0.00	0.6326	2.0018	-0.0617	-0.0216	-0.0218	1.7500	1.7707								
			0.0114	0.0014	0.0045	2.4518	1.0527	-0.0527	-0.0182	-0.0188	1.7301	1.7087								
			0.0036	0.0017	0.0007															
630	2	10	0.898	-0.07	-0.00	0.5764	2.0728	0.0135	0.0043	0.0035	1.6198	1.3215								
			0.0103	0.0011	0.0042	2.2745	1.0968	0.0204	0.0070	0.0049	1.7321	1.2214								
			0.0041	0.0019	0.0009															
630	3	10	0.897	0.99	-0.00	0.4281	2.1302	0.0330	0.0115	0.0104	1.7514	1.5795								
			0.0093	0.0007	0.0039	2.4547	1.2676	0.0398	0.0143	0.0122	1.8070	1.5410								
			0.0036	0.0017	0.0009															
630	4	10	0.898	3.05	-0.00	0.4045	1.8155	0.0876	0.0313	0.0290	1.7869	1.6587								
			0.0096	0.0007	0.0035	1.9425	0.9400	0.0921	0.0333	0.0302	1.8087	1.6426								
			0.0049	0.0019	0.0009															
630	5	10	0.899	6.17	-0.00															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
			0.0058	-0.0002	0.0027	-0.2118	2.3484	0.1855	0.0619	0.0634	1.6694	1.7101									
			0.0059	0.0022	0.0010	1.9424	0.9135	0.1889	0.0638	0.0650	1.6904	1.7226									
630	6	10	0.899	9.28	-0.00	-3.4620	3.4483	0.3115	0.0922	0.1097	1.4814	1.7633									
		11	0.0024	-0.0016	0.0016	1.8919	0.6524	0.3101	0.0924	0.1102	1.4903	1.7782									
		12	0.0047	0.0017	0.0006	-2.9384	3.1682	0.4193	0.0692	0.1475	0.8256	1.7591									
630	7	10	0.899	12.50	0.00	1.7423	0.5266	0.4219	0.0715	0.1492	0.8474	1.7680									
		11	0.0026	-0.0015	0.0016	0.4021	2.3616	0.0128	0.0041	0.0032	1.6181	1.2782									
		12	0.0058	0.0020	0.0006	2.4134	0.8917	0.0209	0.0071	0.0050	1.7024	1.2011									
630	8	10	0.899	-0.006	-0.00	0.2255	2.7479	-0.0664	-0.0258	-0.0221	1.9417	1.6655									
		11	0.0084	0.0006	0.0040	2.1299	1.3104	-0.0615	-0.0206	-0.0217	1.6759	1.7647									
		12	0.0034	0.0016	0.0006	0.3062	2.7263	-0.0065	-0.0041	-0.0032	3.1722	5.8502									
632	3	10	1.252	-3.16	-0.00	2.0291	1.2093	-0.0027	-0.0003	-0.0024	1.3967	1.5436									
		11	0.0071	0.0003	0.0039	-0.0476	2.7352	0.0166	0.0046	0.0051	2.1505	1.1327									
		12	0.0138	0.0058	0.0036	1.4541	1.1452	0.0186	0.0080	0.0042	2.0805	1.3563									
632	4	10	1.251	-1.11	-0.00	-0.0476	2.7352	0.0278	0.0091	0.0089	1.6365	1.6021									
		11	0.0068	0.0004	0.0037	0.0246	2.7753	0.0387	0.0134	0.0129	1.7342	1.6636									
		12	0.0139	0.0056	0.0033	1.5464	1.1523	0.0402	0.0164	0.0118	2.0466	1.4761									
632	5	10	1.255	-0.005	-0.00	0.1845	2.7294	0.0962	0.0315	0.0325	1.6407	1.6894									
		11	0.0067	-0.0000	0.0037	0.2992	1.1130	0.0929	0.0335	0.0300	1.8034	1.6196									
		12	0.0147	0.0044	0.0033	-1.3825	7.6256	0.1988	0.0537	0.0689	1.3507	1.7342									
632	6	10	1.255	0.47	-0.00	-1.6055	1.0732	0.1897	0.0551	0.0651	1.4532	1.7173									
		11	0.0067	-0.0000	0.0032	0.1845	2.7294	0.0962	0.0315	0.0325	1.6407	1.6894									
		12	0.0138	0.0040	0.0032	1.2992	1.1130	0.0929	0.0335	0.0300	1.8034	1.6196									
632	7	10	1.252	0.99	-0.00	0.1845	2.7294	0.0962	0.0315	0.0325	1.6407	1.6894									
		11	0.0066	0.0000	0.0037	0.2992	1.1130	0.0929	0.0335	0.0300	1.8034	1.6196									
		12	0.0136	0.0042	0.0031	-1.3825	7.6256	0.1988	0.0537	0.0689	1.3507	1.7342									
632	8	10	1.252	3.12	-0.00	-1.6055	1.0732	0.1897	0.0551	0.0651	1.4532	1.7173									
		11	0.0059	0.0002	0.0032	0.1845	2.7294	0.0962	0.0315	0.0325	1.6407	1.6894									
		12	0.0126	0.0032	0.0028	-1.3825	7.6256	0.1988	0.0537	0.0689	1.3507	1.7342									
632	9	10	1.252	6.24	-0.00	-1.6055	1.0732	0.1897	0.0551	0.0651	1.4532	1.7173									
		11	0.0015	-0.0004	0.0023	0.1845	2.7294	0.0962	0.0315	0.0325	1.6407	1.6894									
		12	0.0120	0.0038	0.0025	-1.3825	7.6256	0.1988	0.0537	0.0689	1.3507	1.7342									

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →													
632	10	10	1.253	9.39	-0.0011	1.9068	-1.6063	0.3139	0.0685	0.1115	1.0922	1.7767				
	11	11	-0.0035	-0.0013	0.0011	1.9944	0.9180	0.3016	0.0709	0.1063	1.1761	1.7628				
	12	12	0.0098	0.0039	0.0018											
632	11	10	1.253	12.61	-0.0000	1.4913	0.0468	0.4293	0.0812	0.1528	0.9465	1.7800				
	11	11	-0.0087	-0.0025	-0.0000	2.1516	0.9804	0.4157	0.0818	0.1478	0.9848	1.7779				
	12	12	0.0098	0.0042	0.0019											
632	12	10	1.251	-0.06	-0.0000	0.0989	2.8166	0.0157	0.0042	0.0045	1.3384	1.4607				
	11	11	0.0066	0.0001	0.0037	1.7775	1.1404	0.0186	0.0079	0.0036	2.1429	0.9900				
	12	12	0.0143	0.0051	0.0032											
633	1	10	1.251	-3.12	-0.0000	-0.1612	2.5980	-0.0709	-0.0272	-0.0237	1.9207	1.6767				
	11	11	0.0079	-0.0002	0.0041	1.8675	1.4323	-0.0652	-0.0223	-0.0232	1.7156	1.7789				
	12	12	0.0152	0.0057	0.0043											
633	2	10	1.252	-1.08	-0.0041	-0.0413	2.4992	-0.0138	-0.0066	-0.0047	2.4253	1.7369				
	11	11	0.0082	-0.0000	0.0041	1.5688	1.2822	-0.0099	-0.0028	-0.0050	1.4113	2.5566				
	12	12	0.0148	0.0046	0.0038											
633	3	10	1.255	-0.04	-0.0000	-0.2195	2.5665	0.0083	0.0015	0.0026	0.8957	1.5659				
	11	11	0.0080	-0.0003	0.0041	1.3439	1.2159	0.0125	0.0047	0.0023	1.9073	0.9305				
	12	12	0.0152	0.0040	0.0037											
633	4	10	1.254	0.48	-0.0042	-0.0980	2.6163	0.0207	0.0063	0.0066	1.5291	1.6025				
	11	11	0.0081	-0.0001	0.0042	1.3569	1.2460	0.0240	0.0092	0.0061	1.9269	1.2730				
	12	12	0.0144	0.0039	0.0036											
633	5	10	1.252	1.00	-0.0000	0.0206	2.6395	0.0331	0.0112	0.0111	1.6974	1.6744				
	11	11	0.0074	0.0000	0.0039	1.4003	1.2147	0.0349	0.0138	0.0100	1.9821	1.4346				
	12	12	0.0143	0.0040	0.0034											
633	6	10	1.250	3.13	-0.0000	0.2377	2.6227	0.0921	0.0304	0.0308	1.6497	1.6707				
	11	11	0.0066	0.0003	0.0029	1.2722	1.1352	0.0893	0.0320	0.0286	1.7940	1.6018				
	12	12	0.0129	0.0032	0.0029											
633	7	10	1.251	6.26	-0.0000	-2.4508	6.3779	0.1960	0.0531	0.0679	1.3546	1.7336				
	11	11	0.0016	-0.0008	0.0021	1.3607	1.1166	0.1874	0.0546	0.0641	1.4586	1.7102				
	12	12	0.0131	0.0035	0.0029											
633	8	10	1.251	9.42	-0.0000	2.1409	-1.0225	0.3139	0.0684	0.1111	1.0903	1.7701				
	11	11	-0.0045	-0.0019	0.0009	1.6757	-0.9420	0.3005	0.0710	0.1055	1.1823	1.7556				
	12	12	-0.0101	-0.0038	0.0019											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																				
633	9	10	1.253	12.64	-0.0000	1.5517	-0.0181	0.4294	0.0807	0.1530	0.9404	1.7820	0.0074	-0.0023	0.0000	1.8462	0.9591	0.4151	0.0817	0.1472	0.9845	1.7729	
		11	0.0105	0.0039	0.0020																		
		12																					
633	10	10	1.252	-0.006	-0.0000	-0.1015	2.6302	0.0080	0.0011	0.0025	0.6996	1.5664	0.0078	-0.0001	0.0041	1.4516	1.2147	0.0118	0.0045	0.0017	1.9058	0.7501	
		11	0.0148	0.0042	0.0035																		
		12																					
634	1	10	1.252	-3.13	-0.0000	-0.4341	2.7449	-0.0737	-0.0279	-0.0247	1.8987	1.6766	0.0073	-0.0006	0.0044	1.7934	1.4364	-0.0677	-0.0232	-0.0243	1.7187	1.7949	
		11	0.0156	0.0056	0.0044																		
		12																					
634	2	10	1.251	-1.05	-0.0000	-0.1745	2.7965	-0.0165	-0.0077	-0.0058	2.3377	1.7658	0.0072	-0.0002	0.0039	1.5740	1.2266	-0.0134	-0.0042	-0.0060	1.5960	2.2703	
		11	0.0160	0.0050	0.0040																		
		12																					
634	3	10	1.251	-0.003	-0.0000	-0.1095	2.4985	0.0063	0.0008	0.0021	0.6827	1.7238	0.0076	-0.0001	0.0038	1.4841	1.1895	0.0098	0.0038	0.0015	1.9859	0.7972	
		11	0.0151	0.0045	0.0036																		
		12																					
634	4	10	1.253	0.52	-0.0000	-0.3147	2.6638	0.0181	0.0055	0.0059	1.5246	1.6480	0.0147	-0.0004	0.0035	1.2725	1.1899	0.0210	0.0079	0.0052	1.8777	1.2458	
		11	0.0071	0.0037	0.0035																		
		12																					
634	5	10	1.253	1.00	-0.0000	-0.2597	2.7200	0.0305	0.0102	0.0098	1.6801	1.5878	0.0148	-0.0038	0.0035	1.2910	1.1773	0.0329	0.0124	0.0091	1.8928	1.5878	
		11	0.0068	0.0038	0.0035																		
		12																					
634	6	10	1.253	3.15	-0.0000	-0.0545	2.9299	0.0897	0.0295	0.0299	1.6450	1.6671	0.0057	-0.0000	0.0035	1.0679	1.2173	0.0879	0.0309	0.0279	1.7627	1.5925	
		11	0.0143	0.0030	0.0035																		
		12																					
634	7	10	1.251	6.27	-0.0000	-6.0462	12.6792	0.1936	0.0526	0.0671	1.3582	1.7324	0.0077	-0.0009	0.0031	1.5000	1.1440	0.1863	0.0546	0.0634	1.4665	1.7034	
		11	0.0077	0.0041	0.0031																		
		12																					
634	8	10	1.253	9.42	-0.0000	2.2435	-1.1227	0.3128	0.0683	0.1104	1.0930	1.7646	0.0041	-0.0018	0.0022	1.6219	1.0140	0.3013	0.0709	0.1056	1.1774	1.7535	
		11	0.0111	0.0036	0.0022																		
		12																					
634	9	10	1.254	12.64	-0.0000	1.4677	-0.0185	0.4284	0.0808	0.1520	0.9430	1.7744	0.0075	-0.0022	0.0023	1.8970	1.0736	0.4157	0.0817	0.1471	0.9837	1.7699	
		11	0.0110	0.0041	0.0023																		
		12																					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key \rightarrow

Run	Pt.	Cd																												
634	10	10	1.252	-0.005	-0.000	-0.1612	2.5980	0.0044	0.0002	0.0017	0.2389	1.9223																		
		11	0.0079	0.0042	0.0036	1.4426	1.1817	0.0087	0.0034	0.0011	0.2389	1.9223																		
		12	0.0152	0.0044	0.0036						1.9535	0.6550																		
635	8	10	1.250	-3.13	-0.00	0.3312	2.1434	-0.0753	-0.0282	-0.0248	1.8742	1.6503																		
		11	0.0089	0.0005	0.0038	1.7643	1.4377	-0.0711	-0.0236	-0.0249	1.6637	1.7505																		
		12	0.0141	0.0049	0.0040																									
635	9	10	1.251	-1.06	-0.00	0.0679	2.2803	-0.0194	-0.0083	-0.0059	2.1545	1.5341																		
		11	0.0083	0.0001	0.0038	1.2959	1.2111	-0.0172	-0.0050	-0.0064	1.4549	1.8675																		
		12	0.0144	0.0037	0.0034																									
635	10	10	1.250	-0.03	-0.00	0.1813	2.2641	0.0027	0.0001	0.0017	0.2522	3.0918																		
		11	0.0084	0.0003	0.0038	1.2619	1.2338	0.0033	0.0026	0.0006	3.9623	1.0078																		
		12	0.0137	0.0034	0.0033																									
635	11	10	1.251	0.51	-0.00	0.0166	2.4998	0.0151	0.0046	0.0058	1.5470	1.9308																		
		11	0.0071	0.0000	0.0035	1.0655	1.2071	0.0151	0.0065	0.0044	2.1564	1.4708																		
		12	0.0135	0.0028	0.0032																									
635	12	10	1.250	1.00	-0.00	0.0141	2.4138	0.0276	0.0092	0.0097	1.6615	1.7547																		
		11	0.0074	0.0000	0.0035	1.0855	1.2203	0.0281	0.0111	0.0085	1.9816	1.5205																		
		12	0.0124	0.0027	0.0030																									
635	13	10	1.251	3.14	-0.00	0.5821	2.2949	0.0875	0.0292	0.0299	1.6701	1.7088																		
		11	0.0075	0.0008	0.0034	0.8995	1.2376	0.0845	0.0304	0.0275	1.8003	1.6302																		
		12	0.0113	0.0020	0.0028																									
635	14	10	1.251	6.28	-0.00	1.1942	6.6305	0.1925	0.0529	0.0669	1.3758	1.7384																		
		11	0.0014	-0.0003	0.0019	-1.0001	1.0955	0.1832	0.0542	0.0653	1.4807	1.7283																		
		12	0.0107	0.0021	0.0023																									
635	15	10	1.251	2.43	-0.00	1.5471	-1.2548	0.3126	0.0709	0.1107	1.0998	1.7714																		
		11	0.0032	-0.0009	0.0008	1.3651	1.0182	0.2981	0.0709	0.1051	1.1888	1.7632																		
		12	0.0093	0.0025	0.0019																									
635	16	10	1.251	12.65	-0.00	1.1595	0.2646	0.4279	0.0812	0.1526	0.9490	1.7831																		
		11	0.0079	-0.0018	0.0004	2.0491	0.9188	0.4140	0.0817	0.1475	0.9877	1.7821																		
		12	0.0079	0.0032	0.0014																									
635	17	10	1.252	-0.03	-0.00	0.0759	2.4292	0.0012	-0.0023	0.0014	-1.2976	6.0197																		
		11	0.0078	0.0001	0.0038	1.1999	1.1911	0.0028	0.0023	0.0003	-1.2976	6.0197																		
		12	0.0132	0.0031	0.0031																									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																				
636	1	10	1.251	-3.11	-0.000	0.0040	-0.0436	2.3590	-0.0786	-0.0290	-0.0260	1.8436	1.6548	0.0085	-0.0000	0.0042	1.6414	1.4160	-0.0748	-0.0248	-0.0261	1.6589	1.7466
636	2	10	1.252	-1.03	0.0002	0.0034	0.1224	2.3643	-0.0237	-0.0099	-0.0076	2.0886	1.6138	0.0087	0.0033	0.0034	1.2412	1.2905	-0.0221	-0.0070	-0.0079	1.6011	1.7946
636	3	10	1.251	-0.01	0.0001	0.0039	0.0779	2.5005	-0.0039	-0.0020	-0.0002	2.6152	0.2917	0.0078	0.0031	0.0032	1.1759	1.2109	-0.0033	0.0001	-0.0014	-0.2620	2.1851
636	4	10	1.252	0.54	0.0000	0.0038	0.0160	2.4790	0.0058	0.0017	0.0037	1.4747	3.2278	0.0077	0.0029	0.0033	1.0467	1.1904	0.0071	0.0039	0.0024	2.7090	1.7077
636	5	10	1.251	1.03	0.0002	0.0038	0.1276	2.3074	0.0189	0.0058	0.0073	1.5556	1.9411	0.0082	0.0027	0.0032	1.0400	1.2604	0.0193	0.0078	0.0060	2.0212	1.5605
636	6	10	1.251	3.15	0.0020	0.0029	0.4592	2.3132	0.0839	0.0281	0.0258	1.6788	1.6878	0.0075	0.0020	0.0034	0.8583	1.2323	0.0800	0.0287	0.0258	1.7944	1.6165
636	7	10	1.249	6.31	-0.0000	0.0017	-0.3178	9.4188	0.1922	0.0532	0.0668	1.3853	1.7378	0.0009	-0.0000	0.0022	1.1921	1.0169	0.1821	0.0542	0.0625	1.4899	1.7159
636	8	10	1.252	9.43	-0.0009	0.0023	1.4337	-1.0000	0.3099	0.0684	0.1097	1.1045	1.7703	-0.0034	0.0028	0.0023	1.3696	1.1421	0.2959	0.0706	0.1044	1.1928	1.7651
636	9	10	1.249	12.66	-0.0020	-0.0014	1.2747	0.4746	0.4278	0.0813	0.1520	0.9503	1.7764	-0.0080	-0.0020	-0.0014	2.0571	0.8269	0.4140	0.0818	0.1474	0.9880	1.7807
636	10	10	1.250	-0.02	0.0004	0.0039	0.2349	2.2878	-0.0041	-0.0023	-0.0004	2.8305	0.5531	0.0085	0.0004	0.0031	1.2459	1.2001	-0.0051	-0.0004	-0.0018	0.4557	1.8371
637	1	10	1.251	-3.08	0.0000	0.0039	0.0114	2.3201	-0.0814	-0.0296	-0.0272	1.8193	1.6507	0.0084	0.0000	0.0047	1.6121	1.4851	-0.0784	-0.0259	-0.0272	1.6551	1.7393

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
637	2	10	1.252	-1.003	-0.000	0.1258	2.3696	-0.0304	-0.0119	-0.0095	1.9566	1.5694						
		11	0.0085	0.0002	0.0040	1.3085	1.2799	-0.0293	-0.0092	-0.0103	1.5714	1.7630						
		12	0.0150	0.0039	0.0038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
637	3	10	1.251	0.000	-0.000	0.2438	2.3582	-0.0129	-0.0053	-0.0029	2.0582	1.5864						
		11	0.0083	0.0004	0.0039	1.1309	1.2074	-0.0132	-0.0034	-0.0043	1.3208	1.6394						
		12	0.0140	0.0031	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
637	4	10	1.251	0.056	-0.000	0.3135	2.1458	-0.0075	-0.0029	-0.0000	1.9679	0.0024						
		11	0.0094	0.0005	0.0040	1.0633	1.2890	-0.0076	-0.0015	-0.0016	0.9854	1.0853						
		12	0.0131	0.0027	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
637	5	10	1.249	1.08	-0.000	0.2474	2.2246	0.0064	0.0016	0.0048	1.2586	3.7531						
		11	0.0080	0.0004	0.0035	1.1104	1.1228	0.0058	0.0032	0.0029	2.7773	2.4993						
		12	0.0130	0.0029	0.0029	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
637	6	10	1.250	3.18	-0.000	0.4049	2.3628	0.0777	0.0261	0.0262	1.6815	1.6891						
		11	0.0073	0.0005	0.0034	0.8577	1.2806	0.0739	0.0265	0.0236	1.7965	1.6004						
		12	0.0119	0.0020	0.0030	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
637	7	10	1.252	6.32	-0.000	-0.6301	6.7801	0.1869	0.0522	0.0643	1.3971	1.7209						
		11	0.0012	-0.0001	0.0016	0.8010	1.1668	0.1803	0.0536	0.0614	1.4864	1.7044						
		12	0.0116	0.0018	0.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
637	8	10	1.249	9.44	-0.000	1.7308	-0.4173	0.3074	0.0682	0.1090	1.1103	1.7730						
		11	0.0042	-0.0014	0.0003	1.7142	1.0110	0.2947	0.0708	0.1038	1.2024	1.7623						
		12	0.0089	0.0030	0.0018	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
637	9	10	1.253	12.67	-0.000	1.0309	0.1491	0.4251	0.0806	0.1514	0.9489	1.7813						
		11	0.0065	-0.0013	0.0014	1.8431	0.8532	0.4124	0.0819	0.1463	0.9937	1.7744						
		12	0.0085	0.0031	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
637	10	10	1.250	0.001	-0.000	0.2331	2.2224	-0.0131	-0.0054	-0.0032	2.0821	1.2189						
		11	0.0085	0.0003	0.0038	1.1993	1.2778	-0.0124	-0.0032	-0.0043	1.2850	1.7353						
		12	0.0132	0.0031	0.0033	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
638	1	10	1.251	-3.07	-0.000	-0.0469	2.3699	-0.0852	-0.0307	-0.0284	1.8036	1.6673						
		11	0.0080	-0.0000	0.0038	1.6109	1.5449	-0.0829	-0.0273	-0.0286	1.6485	1.7277						
		12	0.0141	0.0045	0.0043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
638	2	10	1.252	-0.98	-0.000	-0.1066	2.2030	-0.0361	-0.0136	-0.0113	1.8938	1.5691						
		11	0.0083	-0.0001	0.0036	1.1497	1.3177	-0.0336	-0.0107	-0.0121	1.6045	1.8092						
		12	0.0144	0.0033	0.0038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
638	3	10	1.250	0.001	0.03	-0.00	0.0782	2.4373	-0.0196	-0.0076	-0.0051	1.9590	1.3134					
		11	0.0075	0.0001	0.0036	0.0034	1.1094	1.2258	-0.0194	-0.0057	-0.0067	1.4757	1.7366					
		12	0.0142	0.0031	0.0034	0.0034												
638	4	10	1.251	0.003	0.57	-0.00	0.1813	2.2641	-0.0147	-0.0056	-0.0028	1.9139	0.9707					
		11	0.0083	0.0003	0.0037	0.0034	1.1094	1.2258	-0.0148	-0.0037	-0.0043	1.2570	1.4468					
		12	0.0142	0.0031	0.0034	0.0034												
638	5	10	1.252	0.001	1.10	-0.00	0.0828	2.5223	-0.0092	-0.0035	0.0003	1.9024	-0.1817					
		11	0.0073	0.0001	0.0024	0.0035	0.8609	1.2499	-0.0104	-0.0024	-0.0013	1.1644	0.6274					
		12	0.0143	0.0024	0.0035	0.0035												
638	6	10	1.251	0.001	3.22	-0.00	0.0810	2.3763	0.0729	0.0245	0.0241	1.6863	1.6554					
		11	0.0070	0.0001	0.0033	0.0032	0.6989	1.2481	0.0677	0.0243	0.0217	1.7976	1.6015					
		12	0.0130	0.0018	0.0032	0.0032												
638	7	10	1.250	0.000	6.35	-0.00	-0.4106	-12.7461	0.1844	0.0518	0.0638	1.4044	1.7294					
		11	0.0007	0.0000	0.0020	0.0024	0.9231	1.1118	0.1775	0.0531	0.0601	1.4958	1.6948					
		12	0.0111	0.0020	0.0020	0.0024												
638	8	10	1.252	0.001	9.45	-0.00	1.4964	-0.1413	0.3070	0.0680	0.1087	1.1084	1.7714					
		11	0.0046	0.0013	0.0028	0.0020	1.3037	0.9306	0.2937	0.0705	0.1032	1.2013	1.7569					
		12	0.0108	0.0028	0.0020	0.0020												
638	9	10	1.252	0.001	12.68	-0.00	0.8158	0.3154	0.4265	0.0808	0.1517	0.9480	1.7784					
		11	0.0067	0.0010	0.0036	0.0018	1.8895	0.9386	0.4119	0.0817	0.1462	0.9928	1.7755					
		12	0.0096	0.0036	0.0036	0.0018												
638	10	10	1.250	0.003	0.03	-0.00	0.2438	2.3582	-0.0180	-0.0070	-0.0048	1.9515	1.3338					
		11	0.0083	0.0004	0.0039	0.0037	1.1896	1.2511	-0.0202	-0.0060	-0.0068	1.4920	1.7022					
		12	0.0148	0.0035	0.0037	0.0037												
639	1	10	1.251	0.000	-3.02	-0.00	-0.0455	2.2934	-0.0889	-0.0317	-0.0296	1.7848	1.6688					
		11	0.0085	0.0000	0.0042	0.0043	1.4772	1.5130	-0.0844	-0.0279	-0.0292	1.6533	1.7317					
		12	0.0144	0.0042	0.0042	0.0043												
639	2	10	1.250	0.004	-0.95	-0.00	0.2752	2.1823	-0.0369	-0.0141	-0.0118	1.9183	1.5987					
		11	0.0089	0.0004	0.0039	0.0039	1.3083	1.3183	-0.0370	-0.0120	-0.0132	1.6301	1.7933					
		12	0.0149	0.0039	0.0039	0.0039												
639	3	10	1.251	0.005	0.05	-0.00	0.0139	2.4062	-0.0216	-0.0081	-0.0064	1.8815	1.4832					
		11	0.0076	0.0000	0.0036	0.0036												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
			0.0144	0.0029	0.0036	1.0265	1.2486	-0.0219	-0.0066	-0.0077	1.5128	1.7652							
639	4	10	1.250	0.59	-0.00	0.1375	2.3877	-0.0181	-0.0069	-0.0042	1.9117	1.1672							
		11	0.0077	0.0031	0.0034	1.0694	1.1831	-0.0192	-0.0054	-0.0060	1.4194	1.5785							
		12	0.0147	0.0031	0.0034	1.0694	1.1831	-0.0192	-0.0054	-0.0060	1.4194	1.5785							
639	5	10	1.251	1.12	-0.00	0.3236	2.3269	-0.0167	-0.0059	-0.0024	1.7617	0.7180							
		11	0.0076	0.0019	0.0037	0.7215	1.3389	-0.0205	-0.0055	-0.0050	1.3605	1.2380							
		12	0.0138	0.0019	0.0037	0.7215	1.3389	-0.0205	-0.0055	-0.0050	1.3605	1.2380							
639	6	10	1.251	3.25	-0.00	0.4592	2.3132	0.0674	0.0218	0.0228	1.6228	1.6972							
		11	0.0074	0.0006	0.0034	0.6722	1.1747	0.0634	0.0217	0.0202	1.7113	1.5995							
		12	0.0129	0.0017	0.0030	0.6722	1.1747	0.0634	0.0217	0.0202	1.7113	1.5995							
639	7	10	1.250	6.37	-0.00	-3.3454	-16.8638	0.1832	0.0515	0.0631	1.4063	1.7221							
		11	-0.0005	0.0003	0.0017	0.9002	1.1872	0.1740	0.0522	0.0591	1.5005	1.7004							
		12	-0.0113	0.0020	0.0026	0.9002	1.1872	0.1740	0.0522	0.0591	1.5005	1.7004							
639	8	10	1.252	9.46	-0.00	1.5900	-0.2485	0.3055	0.0680	0.1081	1.1132	1.7688							
		11	-0.0049	-0.0015	0.0002	1.2783	0.9974	0.2922	0.0703	0.1027	1.2037	1.7585							
		12	-0.0106	0.0027	0.0021	1.2783	0.9974	0.2922	0.0703	0.1027	1.2037	1.7585							
639	9	10	1.252	12.69	-0.00	1.3403	0.8145	0.4262	0.0807	0.1516	0.9473	1.7793							
		11	-0.0115	-0.0030	-0.0018	2.0219	1.0934	0.4127	0.0818	0.1464	0.9913	1.7744							
		12	-0.0107	0.0043	0.0023	2.0219	1.0934	0.4127	0.0818	0.1464	0.9913	1.7744							
639	10	10	1.251	0.05	-0.00	-0.0482	2.5431	-0.0219	-0.0081	-0.0063	1.8584	1.4395							
		11	0.0072	-0.0000	0.0037	1.0261	1.2884	-0.0231	-0.0070	-0.0081	1.5186	1.7521							
		12	0.0144	0.0029	0.0037	1.0261	1.2884	-0.0231	-0.0070	-0.0081	1.5186	1.7521							
640	3	10	1.252	-3.01	-0.00	0.3346	2.2695	-0.0907	-0.0323	-0.0295	1.7795	1.6274							
		11	0.0089	0.0005	0.0040	1.3975	1.6062	-0.0867	-0.0283	-0.0297	1.6330	1.7148							
		12	0.0133	0.0037	0.0042	1.3975	1.6062	-0.0867	-0.0283	-0.0297	1.6330	1.7148							
640	4	10	1.252	-0.94	-0.00	0.4342	2.4446	-0.0373	-0.0140	-0.0114	1.8858	1.5369							
		11	0.0080	0.0006	0.0039	1.1874	1.2547	-0.0386	-0.0122	-0.0134	1.5859	1.7342							
		12	0.0152	0.0036	0.0038	1.1874	1.2547	-0.0386	-0.0122	-0.0134	1.5859	1.7342							
640	5	10	1.251	0.07	-0.00	0.4130	2.6667	-0.0228	-0.0082	-0.0059	1.8006	1.3053							
		11	0.0073	0.0006	0.0039	1.2345	1.1761	-0.0252	-0.0068	-0.0083	1.3663	1.6483							
		12	0.0143	0.0035	0.0033	1.2345	1.1761	-0.0252	-0.0068	-0.0083	1.3663	1.6483							
640	6	10	1.252	0.61	-0.00														

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd See Key

640	7	10 11 12	0.0077 0.0142	0.0007 0.0029	0.0040 0.0033	0.4520 1.0467	2.5969 1.1904	-0.0189 -0.0222	-0.0067 -0.0060	-0.0040 -0.0066	1.7856 1.3510	1.0625 1.4941
640	8	10 11 12	1.252 0.0067 0.0138	1.13 0.0005 0.0022	0.0038 0.0034	0.3854 0.8292	2.8495 1.2601	-0.0205 -0.0250	-0.0066 -0.0062	-0.0033 -0.0062	1.6129 1.2544	0.8100 1.2599
640	9	10 11 12	1.250 0.0066 0.0118	3.25 0.0012 0.0015	0.0037 0.0029	0.9585 0.6570	2.7726 1.2339	0.0631 0.0575	0.0192 0.0188	0.0222 0.0190	1.5224 1.6412	1.7644 1.6511
640	10	10 11 12	1.252 -0.0003 0.0111	6.37 0.0004 0.0014	0.0015 0.0028	-6.0592 0.6566	-22.4995 1.2566	0.1789 0.1709	0.0505 0.0518	0.0627 0.0586	1.4125 1.5154	1.7541 1.7150
640	11	10 11 12	1.254 -0.0142 0.0094	12.66 -0.0042 0.0037	0.0030 0.0020	1.4948 1.9611	1.0576 1.0689	0.4220 0.4089	0.0805 0.0818	0.1508 0.1456	0.9537 1.0009	1.7875 1.7810
640	12	10 11 12	1.252 0.0075 0.0137	0.06 0.0005 0.0032	0.0040 0.0035	0.3446 1.1965	2.7066 1.2811	-0.0248 -0.0260	-0.0072 -0.0085	-0.0065 -0.0085	1.7361 1.3819	1.3223 1.6460
641	1	10 11 12	1.250 -0.0045 0.0032	0.01 -0.0041 0.0005	0.0007 0.0005	4.5611 0.8344	-0.8821 0.8762	0.0073 0.0093	0.0012 0.0045	0.0029 0.0018	0.8281 2.4400	2.0092 1.0154
641	2	10 11 12	1.253 -0.0153 -0.0080	0.00 -0.0083 -0.0040	0.0022 0.0022	2.7232 2.5509	0.7230 1.4001	0.0064 0.0090	0.0009 0.0043	0.0027 0.0017	0.7393 2.4198	2.1343 0.9880
641	3	10 11 12	1.252 -0.0225 -0.0148	0.01 -0.0105 -0.0063	0.0044 0.0044	2.3406 2.1443	0.9876 1.5101	0.0076 0.0089	0.0012 0.0043	0.0027 0.0017	0.7980 2.4198	1.7901 0.9880
642	1	10 11 12	1.252 0.0132 -0.0023	-3.13 0.0026 -0.0033	0.0054 0.0021	0.9852 7.0731	2.0757 4.4825	-0.0660 -0.0749	-0.0231 -0.0270	-0.0217 -0.0263	1.7515 1.8021	1.6478 1.7569

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																
642	2	10	1.252	-0.004	0.00	1.7352	1.9886	0.0131	0.0064	0.0043	2.4519	1.6505							
		11	0.0155	0.0053	0.0061	1.7352	1.9886	0.0131	0.0064	0.0043	2.4519	1.6505							
		12	0.0050	-0.0022	0.0012	-2.2580	1.2317	-0.0005	-0.0021	-0.0005	21.2548	5.4170							
642	3	10	1.252	0.51	0.00	1.8675	1.9696	0.0235	0.0106	0.0078	2.2508	1.6703							
		11	0.0159	0.0059	0.0062	1.8675	1.9696	0.0235	0.0106	0.0078	2.2508	1.6703							
		12	0.0070	-0.0018	0.0015	-1.2854	1.1146	0.0070	0.0007	0.0024	0.5071	1.7249							
642	4	10	1.251	1.04	0.00	1.9803	1.8714	0.0360	0.0154	0.0119	2.1365	1.6601							
		11	0.0176	0.0070	0.0066	1.9803	1.8714	0.0360	0.0154	0.0119	2.1365	1.6601							
		12	0.0073	-0.0013	0.0016	-0.9170	1.1511	0.0200	0.0051	0.0064	1.2875	1.6062							
642	5	10	1.251	2.09	0.00	2.0397	2.0218	0.0635	0.0244	0.0213	1.9274	1.6779							
		11	0.0202	0.0082	0.0081	2.0397	2.0218	0.0635	0.0244	0.0213	1.9274	1.6779							
		12	0.0067	-0.0009	0.0014	-0.7104	1.0929	0.0479	0.0147	0.0149	1.5409	1.5630							
642	6	10	1.251	3.09	0.00	2.0269	2.0638	0.0940	0.0332	0.0316	1.7669	1.6851							
		11	0.0223	0.0090	0.0092	2.0269	2.0638	0.0940	0.0332	0.0316	1.7669	1.6851							
		12	0.0067	-0.0007	0.0013	-0.5598	0.9993	0.0781	0.0253	0.0251	1.6219	1.6111							
642	7	10	1.252	4.19	0.00	2.1220	2.1588	0.1292	0.0417	0.0441	1.6136	1.7073							
		11	0.0195	0.0082	0.0084	2.1220	2.1588	0.1292	0.0417	0.0441	1.6136	1.7073							
		12	0.0074	-0.0006	0.0013	-0.4481	0.9094	0.1084	0.0351	0.0357	1.6221	1.6478							
642	8	10	1.252	0.06	0.00	1.7597	1.9135	0.0122	0.0062	0.0041	2.5342	1.6879							
		11	0.0159	0.0056	0.0060	1.7597	1.9135	0.0122	0.0062	0.0041	2.5342	1.6879							
		12	0.0061	-0.0021	0.0013	-1.7126	1.1071	-0.0010	-0.0023	-0.0008	11.1696	4.2006							
643	4	10	1.252	3.12	0.00	9.5751	1.8921	-0.0737	-0.0260	-0.0236	1.7637	1.6063							
		11	0.0142	0.0016	0.0053	9.5751	1.8921	-0.0737	-0.0260	-0.0236	1.7637	1.6063							
		12	-0.0021	-0.0016	-0.0016	3.8182	3.8727	-0.0671	-0.0239	-0.0233	1.7812	1.7365							
643	5	10	1.251	0.05	0.00	1.1610	1.9199	0.0028	0.0020	0.0020	3.6524	1.6284							
		11	0.0178	0.0041	0.0068	1.1610	1.9199	0.0028	0.0020	0.0020	3.6524	1.6284							
		12	0.0031	-0.0006	0.0004	-0.9718	0.7204	0.0105	0.0025	0.0025	1.1843	1.2104							
643	6	10	1.251	0.49	0.00	1.3453	1.9180	0.0149	0.0067	0.0060	2.2710	2.0234							
		11	0.0193	0.0051	0.0074	1.3453	1.9180	0.0149	0.0067	0.0060	2.2710	2.0234							
		12	0.0040	-0.0000	0.0009	-0.0676	1.1138	0.0216	0.0064	0.0063	1.4816	1.4666							
643	7	10	1.252	1.03	0.00	1.3818	1.9447	0.0282	0.0120	0.0101	2.1364	1.7977							
		11	0.0201	0.0055	0.0078	1.3818	1.9447	0.0282	0.0120	0.0101	2.1364	1.7977							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
643	8	12	0.0046	-0.0001	0.0010	-0.1700	1.0900	0.0338	0.0107	0.0104	1.5861	1.5408								
		10	1.251	2.05	-0.00															
		11	0.0227	0.0071	0.0067	1.5656	1.9260	0.0550	0.0213	0.0188	1.9399	1.7092								
		12	0.0056	0.0001	0.0013	0.1006	1.2042	0.0587	0.0199	0.0187	1.6960	1.5978								
643	9	10	1.250	3.11	-0.00	1.7982	2.0462	0.0882	0.0314	0.0301	1.7801	1.7063								
		11	0.0219	0.007A	0.0089	0.3266	1.1110	0.0884	0.0292	0.0287	1.6543	1.6247								
		12	0.0060	0.0003	0.0013															
643	10	10	1.251	4.16	-0.00	1.9132	2.1693	0.1168	0.0387	0.0407	1.6568	1.7416								
		11	0.0186	0.0071	0.0080	0.3773	1.0402	0.1148	0.0377	0.0383	1.6411	1.6709								
		12	0.0064	0.0004	0.0013															
643	11	10	1.251	-0.05	-0.00	1.1440	1.8805	0.0021	0.0019	0.0015	4.5325	3.6493								
		11	0.0184	0.0042	0.0069	-1.2774	0.9538	0.0104	0.0021	0.0023	1.0160	1.1157								
		12	0.0023	-0.0006	0.0004															
644	1	10	1.252	-3.13	-0.00	2.2903	2.2903	-0.0730	-0.0276	-0.0238	1.8927	1.6286								
		11	0.0088	-0.0000	0.0040	-0.0440	1.4400	-0.0688	-0.0224	-0.0237	1.6304	1.7260								
		12	0.0184	0.0056	0.0053	1.8064	1.4400	-0.0688	-0.0224	-0.0237	1.6304	1.7260								
644	2	10	1.250	-0.06	-0.00	-0.5909	3.3798	0.0050	0.0002	0.0025	0.2892	2.4730								
		11	0.0053	-0.0006	0.0036	1.4584	1.2441	0.0069	0.0037	0.0012	2.6863	0.8828								
		12	0.0154	0.0044	0.0038															
644	3	10	1.253	0.51	-0.00	-0.3480	2.8958	0.0178	0.0052	0.0066	1.4641	1.8643								
		11	0.0064	-0.0004	0.0037	-1.2217	1.1975	0.0202	0.0083	0.0056	2.0672	1.4038								
		12	0.0160	0.0039	0.0038															
644	4	10	1.250	1.04	-0.00	0.8289	0.5327	0.0309	0.0104	0.0108	1.6808	1.7547								
		11	0.0316	0.0052	0.0033	1.2669	1.1859	0.0321	0.0132	0.0095	2.0599	1.4925								
		12	0.0133	0.0033	0.0031															
644	5	10	1.250	2.05	-0.00	-1.1816	4.2145	0.0576	0.0197	0.0199	1.7133	1.7281								
		11	0.0034	-0.0008	0.0029	1.1796	1.2902	0.0560	0.0218	0.0177	1.9488	1.5785								
		12	0.0126	0.0029	0.0032															
644	6	10	1.252	3.11	-0.00	-0.8949	3.9852	0.0879	0.0289	0.0279	1.6479	1.7163								
		11	0.0035	-0.0006	0.0028	0.8931	1.2679	0.0858	0.0309	0.0279	1.6003	1.6255								
		12	0.0124	0.0022	0.0031															
644	7	10	1.252	4.16	-0.00															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd \leftarrow See Key \rightarrow

644	8	11	12	0.0037	-0.0019	0.0027	-0.0801	3.6408	0.1206	0.0384	0.0412	1.5933	1.7088
				0.0109	0.0019	0.0028	0.8912	1.2843	0.1160	0.0395	0.0386	1.7058	1.6672
		10	11	1.252	-0.003	-0.00							
		11	12	0.0061	-0.0007	0.0037	-0.5920	2.9979	0.0058	0.0005	0.0026	0.4937	2.2646
				0.0154	0.0039	0.0038	1.2636	1.2373	0.0079	0.0038	0.0015	2.4398	0.9751
645	1	10	11	1.253	-3.15	-0.00							
		11	12	0.0079	-0.0007	0.0040	-0.4660	2.5348	-0.0755	-0.0284	-0.0244	1.8834	1.6213
				0.0179	0.0064	0.0052	1.7853	1.4651	-0.0671	-0.0221	-0.0235	1.6495	1.7518
645	2	10	11	1.253	-0.003	-0.00							
		11	12	0.0062	-0.0010	0.0038	-0.8184	3.0697	0.0042	0.0001	0.0020	0.1352	2.4010
				0.0149	0.0040	0.0037	1.3501	1.2498	0.0099	0.0046	0.0022	2.3228	1.1173
645	3	10	11	1.253	0.51	-0.00							
		11	12	0.0056	-0.0012	0.0034	-1.0757	3.0835	0.0156	0.0043	0.0064	1.3989	2.0498
				0.0137	0.0034	0.0032	1.2622	1.1919	0.0217	0.0089	0.0061	2.0584	1.4147
645	4	10	11	1.250	1.02	-0.00							
		11	12	0.0050	-0.0011	0.0034	-1.1019	3.4559	0.0285	0.0092	0.0102	1.6157	1.7894
				0.0130	0.0036	0.0030	1.4083	1.1691	0.0330	0.0136	0.0098	2.0617	1.4871
645	5	10	11	1.252	2.10	-0.00							
		11	12	0.0042	-0.0011	0.0028	-1.3157	3.2924	0.0564	0.0191	0.0195	1.6957	1.7283
				0.0128	0.0031	0.0030	1.2028	1.1849	0.0588	0.0227	0.0186	1.9308	1.5839
645	6	10	11	1.251	3.12	-0.00							
		11	12	0.0039	-0.0008	0.0025	-1.0531	3.2541	0.0869	0.0286	0.0298	1.6454	1.7151
				0.0119	0.0025	0.0028	1.0597	1.1825	0.0870	0.0314	0.0284	1.8035	1.6353
645	7	10	11	1.251	4.19	-0.00							
		11	12	0.0027	-0.0006	0.0025	-1.1387	4.6855	0.1188	0.0379	0.0410	1.5980	1.7283
				0.0115	0.0024	0.0027	1.0580	1.1753	0.1176	0.0400	0.0392	1.6995	1.6691
645	8	10	11	1.251	-0.02	-0.00							
		11	12	0.0059	-0.0007	0.0037	-0.6148	3.1272	0.0050	0.0002	0.0025	0.2892	2.4730
				0.0149	0.0045	0.0038	1.5103	1.2871	0.0097	0.0046	0.0020	2.3844	1.0304
646	1	10	11	1.251	-3.12	-0.00							
		11	12	0.0070	-0.0005	0.0039	-0.3867	2.8037	-0.0739	-0.0283	-0.0239	1.9186	1.6224
				0.0212	0.0079	0.0061	1.8654	1.4551	-0.0685	-0.0221	-0.0237	1.6147	1.7315

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key																															
646	2	10	1.251	-0.0015	-0.0029	-2.4612	4.5308	0.0070	0.0005	0.0029	0.3914	2.1044	11	0.0032	0.0041	0.0029	0.0014	0.0005	0.0029	0.0014	0.0029	0.3914	2.1044										
		12	0.0172	0.0048	0.0041	1.4033	1.2059	0.0084	0.0044	0.0014	2.6532	0.8588																					
646	3	10	1.252	0.0043	-0.0039	-1.6270	3.6524	0.0171	0.0045	0.0065	1.3196	1.8943	11	0.0042	0.0031	0.0039	0.0192	0.0082	0.0053	0.0065	1.3196	1.8943	12	0.0172	0.0043	0.0039	1.1406	0.0192	0.0082	0.0053	2.1431	1.3826	
646	4	10	1.251	1.002	-0.0026	-4.1343	6.2926	0.0318	0.0101	0.0108	1.5978	1.7019	11	0.0021	0.0039	0.0038	1.2191	1.1673	0.0131	0.0093	0.0108	1.5978	1.7019	12	0.0163	0.0039	0.0038	4.1343	0.0320	0.0131	0.0093	2.0599	1.4571
646	5	10	1.250	-0.0022	-0.0033	-19.3663	17.3788	0.0569	0.0190	0.0195	1.6721	1.7153	11	0.0005	-0.0022	0.0033	1.1946	1.2024	0.0221	0.0178	0.0195	1.6721	1.7153	12	0.0140	0.0033	0.0033	17.3788	0.0569	0.0221	0.0178	1.9605	1.5812
646	6	10	1.250	3.015	-0.0016	-10.4805	9.8795	0.0891	0.0290	0.0302	1.6258	1.6954	11	0.0008	-0.0017	0.0031	1.1557	1.2201	0.0314	0.0278	0.0302	1.6258	1.6954	12	0.0129	0.0029	0.0031	10.4805	0.0891	0.0314	0.0278	1.8079	1.6033
646	7	10	1.251	4.016	-0.0015	-13.3175	13.9930	0.1191	0.0377	0.0409	1.5838	1.7184	11	0.0005	-0.0014	0.0029	0.8672	1.1908	0.0395	0.0385	0.0409	1.5838	1.7184	12	0.0122	0.0021	0.0029	13.3175	0.1191	0.0377	0.0385	1.7136	1.6696
646	9	10	1.252	-0.0013	-0.0033	-1.4545	3.7725	0.0048	-0.0001	0.0024	-0.1915	2.4926	11	0.0044	0.0047	0.0040	1.4104	1.2015	0.0041	0.0014	0.0024	-0.1915	2.4926	12	0.0169	0.0047	0.0040	1.4545	0.0048	0.0041	0.0014	2.7147	0.9588
647	1	10	1.251	-3.013	-0.0035	-0.8273	2.6316	-0.0759	-0.0292	-0.0250	1.9264	1.6503	11	0.0068	0.0011	0.0035	-2.0020	1.4993	-0.0213	-0.0232	-0.0250	1.9264	1.6503	12	0.0210	0.0084	0.0063	0.8273	-0.0663	-0.0213	-0.0232	1.6108	1.7523
647	2	10	1.250	-0.0017	-0.0032	-2.0100	3.6672	0.0032	-0.0006	0.0019	-0.9768	2.9539	11	0.0044	0.0017	0.0032	1.6142	1.2703	0.0122	0.0024	0.0019	-0.9768	2.9539	12	0.0159	0.0051	0.0040	2.0100	0.0122	0.0024	0.0019	2.3883	1.0008
647	3	10	1.250	0.048	-0.0032	-2.3284	4.0429	0.0143	0.0032	0.0057	1.1322	2.0018	11	0.0040	-0.0018	0.0032	1.6704	1.2088	0.0219	0.0096	0.0057	1.1322	2.0018	12	0.0149	0.0049	0.0036	-2.3284	0.0219	0.0096	0.0057	2.2112	1.3996
647	4	10	1.250	1.04	-0.0031	-2.6708	3.8696	0.0265	0.0078	0.0096	1.4829	1.8108	11	0.0040	-0.0021	0.0031	-2.6708	3.8696	0.0265	0.0078	0.0096	1.4829	1.8108	12	0.0040	-0.0021	0.0031	-2.6708	0.0265	0.0078	0.0096	1.4829	1.8108

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd	0.0143	0.0043	0.0036	1.5053	1.2583	0.0358	0.0148	0.0104	2.0748	1.4596
647	5	10	1.251	2.08	-0.0022	-0.9538	7.5973	0.0553	0.0183	0.0185	1.6568	1.6754
		11	0.0014	-0.0026	0.0033	1.3128	1.2819	0.0600	0.0233	0.0189	1.9421	1.5767
		12	0.0131	0.0034	0.0033							
647	6	10	1.252	3.14	-0.0014	-21.2988	12.1034	0.0863	0.0281	0.0294	1.6302	1.7023
		11	0.0006	-0.0025	0.0032	1.0858	1.2701	0.0884	0.0321	0.0286	1.8174	1.6174
		12	0.0128	0.0027	0.0032							
647	7	10	1.251	4.17	-0.0016	-9.9364	8.8773	0.1156	0.0365	0.0397	1.5817	1.7173
		11	0.0009	-0.0018	0.0029	1.0613	1.1893	0.1178	0.0398	0.0395	1.6919	1.6764
		12	0.0123	0.0026	0.0029							
647	8	10	1.252	-0.05	-0.0035	-1.9949	4.0424	0.0025	-0.0011	0.0013	-2.1901	2.7063
		11	0.0044	-0.0017	0.0040	1.5784	1.1784	0.0106	0.0052	0.0021	-2.4399	0.9927
		12	0.0172	0.0054	0.0040							
64A	3	10	1.249	-3.14	-0.0033	-0.5154	3.2294	-0.0722	-0.0287	-0.0232	1.9861	1.6104
		11	0.0052	-0.0005	0.0079	2.1419	1.5168	-0.0694	-0.0215	-0.0239	1.5496	1.7225
		12	0.0260	0.0111	0.0079							
64B	4	10	1.252	-0.04	-0.0016	10.7349	-6.5193	0.0077	-0.0001	0.0033	-0.0880	2.1447
		11	0.0013	-0.0027	0.0050	1.5777	1.2422	0.0060	0.0051	0.0011	-0.3226	0.9316
		12	0.0204	0.0064	0.0050							
64B	5	10	1.252	0.00	-0.0014	6.9833	-3.1474	0.0189	0.0043	0.0072	1.1425	1.9065
		11	0.0023	-0.0032	0.0049	1.4830	1.2939	0.0173	0.0090	0.0050	2.6257	1.4489
		12	0.0191	0.0056	0.0049							
64B	6	10	1.251	0.99	-0.0011	5.7924	-1.8470	0.0312	0.0091	0.0110	1.4654	1.7778
		11	0.0030	-0.0035	0.0046	1.3898	1.2775	0.0297	0.0138	0.0089	2.3247	1.4970
		12	0.0180	0.0050	0.0046							
64A	7	10	1.252	2.08	-0.0011	4.6594	-0.1213	0.0583	0.0189	0.0197	1.6229	1.6949
		11	0.0047	-0.0044	0.0041	1.1662	1.3451	0.0552	0.0227	0.0177	2.0617	1.6096
		12	0.0154	0.0036	0.0041							
64B	8	10	1.251	3.13	-0.0011	3.6256	0.8610	0.0881	0.0281	0.0302	1.5988	1.7176
		11	0.0065	-0.0047	-0.0011	1.1084	1.3444	0.0850	0.0319	0.0275	1.8802	1.6212
		12	0.0134	0.0029	-0.0036							
64B	9	10	1.251	4.19	-0.0011							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
648	10	11	-0.0037	-0.0032	-0.0002	4.2666	0.2977	0.1199	0.0375	0.0412	1.5661	1.7180						
		12	0.0130	0.0030	0.0033	1.1774	1.2932	0.1156	0.0401	0.0384	1.7357	1.6622						
649	1	10	1.250	-0.07	-0.00	34.1624	30.7183	0.0073	-0.0002	0.0030	-0.1536	2.1057						
		11	0.0003	-0.0022	0.0020	1.6737	1.2893	0.0052	0.0047	0.0006	4.5046	0.6408						
649	1	12	0.0200	0.0067	0.0051	-1.6989	3.1295	-0.0784	-0.0307	-0.0256	1.9615	1.6347						
		10	1.252	-3.13	-0.00	2.2653	1.5126	-0.0625	-0.0191	-0.0218	1.5270	1.7486						
649	2	11	0.0055	-0.0018	0.0034	-1.6989	3.1295	-0.0784	-0.0307	-0.0256	1.9615	1.6347						
		12	0.0260	0.0118	0.0078	2.2653	1.5126	-0.0625	-0.0191	-0.0218	1.5270	1.7486						
649	3	10	1.251	-0.04	-0.00	52.5270	30.3815	-0.0000	-0.0028	0.0012	3.0258	1.0877						
		11	0.0003	-0.0040	0.0023	1.9255	1.2308	0.0128	0.0077	0.0027								
649	3	12	0.0183	0.0070	0.0045	-21.6289	-9.8788	0.0108	0.0016	0.0050	0.7548	2.3120						
		10	1.251	0.51	-0.00	1.8335	1.2321	0.0242	0.0120	0.0066	2.4834	1.3790						
649	4	11	-0.0010	-0.0046	0.0021	11.3745	-3.5339	0.0228	0.0055	0.0089	1.2026	1.9486						
		12	0.0169	0.0061	0.0041	1.7251	1.2337	0.0360	0.0164	0.0105	2.2750	1.4668						
649	5	10	1.251	1.01	-0.00	5.5968	0.0031	0.0516	0.0161	0.0180	1.5619	1.7473						
		11	-0.0022	-0.0050	0.0015	1.6561	1.2996	0.0616	0.0253	0.0195	2.0535	1.5896						
649	5	12	0.0155	0.0053	0.0038	4.0356	0.9456	0.0837	0.0264	0.0286	1.5781	1.7129						
		10	1.250	2.09	-0.00	4.7473	1.3236	0.0902	0.0339	0.0292	1.8777	1.6202						
649	6	11	-0.0051	-0.0048	-0.0000	4.7473	0.5676	0.1145	0.0359	0.0389	1.5696	1.7009						
		12	0.0147	0.0048	0.0038	1.6561	1.2996	0.0616	0.0253	0.0195	2.0535	1.5896						
649	7	10	1.250	3.13	-0.00	4.0356	0.9456	0.0837	0.0264	0.0286	1.5781	1.7129						
		11	-0.0077	-0.0062	-0.0014	4.7473	1.3236	0.0902	0.0339	0.0292	1.8777	1.6202						
649	7	12	0.0140	0.0038	0.0037	4.7473	1.3236	0.0902	0.0339	0.0292	1.8777	1.6202						
		10	1.251	4.18	-0.00	4.7473	1.3236	0.0902	0.0339	0.0292	1.8777	1.6202						
649	8	11	-0.0049	-0.0047	-0.0005	4.7473	1.3236	0.0902	0.0339	0.0292	1.8777	1.6202						
		12	0.0137	0.0038	0.0036	4.7473	1.3236	0.0902	0.0339	0.0292	1.8777	1.6202						
649	8	10	1.251	-0.04	-0.00	10.4759	10.1161	-0.0004	-0.0030	0.0010	32.8697	-10.9896						
		11	0.0012	-0.0036	0.0025	1.9531	1.2304	0.0123	0.0074	0.0027	3.0264	1.1290						
650	1	12	0.0187	0.0073	0.0046	-3.1595	3.9359	-0.0730	-0.0297	-0.0237	2.0397	1.6268						
		10	1.252	-3.13	-0.00	-2.1992	1.5708	-0.0683	-0.0199	-0.0238	1.4565	1.7431						
650	1	11	0.0030	-0.0018	0.0023	-3.1595	3.9359	-0.0730	-0.0297	-0.0237	2.0397	1.6268						
		12	0.0370	0.0163	0.0116	-2.1992	1.5708	-0.0683	-0.0199	-0.0238	1.4565	1.7431						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
650	2	10	1.252	-0.04	-0.00	3.3603	0.6715	0.0092	-0.0016	0.0035	-0.0752	1.9293								
		11	-0.0117	0.0078	-0.0015	1.6110	1.3426	0.0035	0.0062	0.0002	0.7084	0.5233								
		12	0.0286	0.0092	0.0076															
650	3	10	1.252	0.50	-0.00	3.1333	0.7265	0.0208	0.0029	0.0073	0.7068	1.7529								
		11	-0.0146	-0.0091	-0.0021	1.4467	1.3647	0.0155	0.0105	0.0043	0.3631	1.4053								
		12	0.0256	0.0074	0.0070															
650	4	10	1.253	1.02	-0.00	3.0755	0.9604	0.0322	0.0074	0.0115	1.1476	1.7952								
		11	-0.0169	-0.0104	-0.0032	1.3726	1.3978	0.0289	0.0155	0.0084	2.6807	1.4653								
		12	0.0226	0.0062	0.0063															
650	5	10	1.252	2.08	-0.00	2.7942	1.3312	0.0604	0.0173	0.0205	1.4330	1.6989								
		11	-0.0228	-0.0127	-0.0060	1.3580	1.3852	0.0550	0.0243	0.0173	2.2099	1.5711								
		12	0.0191	0.0052	0.0053															
650	6	10	1.251	3.14	-0.00	2.6122	1.5734	0.0915	0.0269	0.0308	1.4741	1.6856								
		11	-0.0258	-0.0134	-0.0081	1.3202	1.3437	0.0845	0.0329	0.0272	1.9517	1.6112								
		12	0.0155	0.0041	0.0041															
650	7	10	1.251	4.19	-0.00	2.9502	1.5559	0.1194	0.0357	0.0407	1.4943	1.7032								
		11	-0.0181	-0.0106	-0.0056	1.5534	1.3347	0.1179	0.0406	0.0391	1.7231	1.6596								
		12	0.0148	0.0045	0.0039															
650	8	10	1.250	-0.04	-0.00	3.3687	0.5907	0.0106	-0.0012	0.0036	-0.5871	1.7303								
		11	-0.0113	-0.0076	-0.0013	1.6716	1.3774	0.0041	0.0063	0.0003	7.7462	0.4145								
		12	0.0286	0.0095	0.0078															
651	1	10	1.250	-3.14	-0.00	7.2505	-0.0845	-0.0337	-0.0277	-0.0277	1.9947	1.6439								
		11	0.0014	-0.0046	0.0021	1.5633	-0.0519	-0.0136	-0.0165	-0.0165	1.3111	1.7833								
		12	0.0359	0.0178	0.0112															
651	2	10	1.250	-0.03	-0.00	6.4175	0.0801	-0.0060	-0.0079	-0.0011	6.5380	0.9429								
		11	-0.0077	-0.0100	-0.0001	2.4673	1.3163	0.0211	0.0137	0.0054	3.2501	1.2926								
		12	0.0230	0.0113	0.0060															
651	3	10	1.252	0.49	-0.00	5.6166	0.4877	0.0004	-0.0050	0.0014	-59.0945	17.4255								
		11	-0.0105	-0.0118	-0.0010	2.3471	1.3055	0.0301	0.0168	0.0084	2.7983	1.4009								
		12	0.0202	0.0094	0.0052															
651	4	10	1.252	1.02	-0.00	5.3163	0.7357	0.0075	-0.0023	0.0051	-1.5639	3.3890								
		11	-0.0115	-0.0122	-0.0017	2.3948	1.3046	0.0423	0.0211	0.0124	-2.4984	1.4712								
		12	0.0180	0.0086	0.0047															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key											
651	5	10	1.251	2.10	-0.0045	-0.00039	4.0097	1.2296	0.0378	0.0072	0.0141	0.9606	1.8709
		11	-0.0183	-0.0146	-0.0045	0.00039	2.3442	1.2530	0.0682	0.0291	0.0215	2.1333	1.5783
		12	0.0156	0.0073	0.00039	0.00039							
651	6	10	1.251	3.12	-0.0067	-0.0043	3.4025	1.4477	0.0717	0.0204	0.0244	1.4222	1.7016
		11	-0.0233	-0.0158	-0.0067	0.0043	2.1409	1.4060	0.0967	0.0365	0.0316	1.8919	1.6368
		12	0.0155	0.0066	0.0043	0.0043							
651	7	10	1.250	4.19	-0.0058	-0.0044	3.4416	1.5243	0.1056	0.0310	0.0359	1.4692	1.7015
		11	-0.0191	-0.0132	-0.0058	0.0044	2.2287	1.2987	0.1333	0.0443	0.0444	1.6637	1.6657
		12	0.0172	0.0077	0.0044	0.0044							
651	8	10	1.252	-0.05	-0.0065	-0.0065	6.6376	0.0816	-0.0075	-0.0083	-0.0013	5.5146	0.9032
		11	-0.0077	-0.0102	-0.0065	0.0065	2.3487	1.3156	0.0207	0.0135	0.0051	3.2522	1.2305
		12	0.0247	0.0116	0.0065	0.0065							
652	1	10	1.252	-3.21	45.00	45.00	1.9194	1.5347	-0.0306	-0.0120	-0.0109	1.9706	1.7814
		11	-0.0628	-0.0241	-0.0193	0.0193	1.0554	1.8763	-0.0515	-0.0202	-0.0189	1.9640	1.8410
		12	-0.0260	-0.0054	-0.0097	0.0097							
652	2	10	1.253	-0.03	44.99	44.99	0.1747	2.6172	0.0168	0.0058	0.0046	1.7327	1.3960
		11	0.0062	0.0002	0.0032	0.0032	0.0441	1.1481	0.0185	0.0049	0.0033	1.3439	0.8991
		12	0.0171	0.0104	0.0039	0.0039							
652	6	10	1.250	-3.24	45.00	45.00	1.9263	1.5319	-0.0321	-0.0120	-0.0110	1.8735	1.7147
		11	-0.0612	-0.0236	-0.0187	0.0187	0.9358	1.9311	-0.0499	-0.0208	-0.0181	2.0834	1.8145
		12	-0.0253	-0.0047	-0.0097	0.0097							
652	7	10	1.252	-0.11	45.00	45.00	0.5288	2.2683	0.0149	0.0059	0.0042	1.9909	1.4165
		11	0.0074	0.0007	0.0033	0.0033	0.5917	1.2063	0.0197	0.0044	0.0037	1.1331	0.9558
		12	0.0144	0.0103	0.0034	0.0034							
652	8	10	1.251	0.43	44.99	44.99	1.1665	2.1654	0.0212	0.0085	0.0066	2.0112	1.5607
		11	0.0145	0.0033	0.0062	0.0062	0.0888	1.4323	0.0252	0.0065	0.0064	1.2993	1.2785
		12	0.0207	0.0128	0.0059	0.0059							
652	9	10	1.252	0.93	44.99	44.99	1.3353	2.0068	0.0280	0.0113	0.0092	2.0148	1.6470
		11	0.0223	0.0059	0.0081	0.0081	2.8451	1.5517	0.0320	0.0089	0.0086	1.4036	1.5514
		12	0.0263	0.0150	0.0081	0.0081							
652	10	10	1.252	2.01	44.99	44.99	1.5258	1.9039	0.0476	0.0185	0.0157	1.9484	1.6493
		11	0.0364	0.0111	0.0138	0.0138							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key →

Run Pt.	Cd	0.0459	0.0222	0.0146	2.4217	1.5991	0.0458	0.0134	0.0136	1.4716	1.4091
652	11	1.253	3.04	44.99	1.5953	1.8425	0.0698	0.0260	0.0233	1.8614	1.6718
	11	0.0522	0.0166	0.0192	2.1451	1.6578	0.0601	0.0181	0.0184	1.5094	1.5295
	12	0.0689	0.0295	0.0228	1.6834	1.8308	0.0931	0.0335	0.0320	1.7985	1.7183
652	12	1.251	4.10	44.99	1.9539	1.7145	0.0724	0.0223	0.0229	1.5446	1.5826
	11	0.0654	0.0220	0.0239	0.3607	2.4230	0.0150	0.0057	0.0044	1.9012	1.4750
	12	0.0925	0.0361	0.0317	3.4133	1.2333	0.0185	0.0043	0.0035	1.1829	0.9556
652	13	1.252	-0.09	44.99	1.9234	1.5486	-0.0409	-0.0152	-0.0139	1.6559	1.6977
	11	0.0069	0.0004	0.0033	1.2068	1.7055	-0.0557	-0.0223	-0.0198	2.0012	1.7832
	12	0.0149	0.0102	0.0036	3.6908	-1.1738	0.0065	0.0026	0.0022	-0.1357	0.1779
653	1	1.252	-3.21	45.00	1.2000	2.5780	0.0240	0.0089	0.0083	1.2412	1.7160
	11	0.0645	-0.0248	-0.0199	2.8780	1.5548	0.0209	0.0051	0.0053	1.8714	1.2758
	12	-0.0372	-0.0089	-0.0127	1.6878	1.6726	0.0684	0.0252	0.0229	1.8446	1.6786
653	2	1.252	-0.05	44.99	1.8234	1.9525	0.1537	0.0463	0.0538	1.5060	1.7502
	11	0.0034	-0.0025	0.0008	1.5629	1.7762	0.0662	0.0218	0.0225	1.6460	1.6974
	12	-0.0048	0.0060	0.0012	1.4285	1.8325	0.1106	0.0288	0.0395	1.1675	1.8060
653	3	1.251	0.98	44.99	1.1917	1.8325	0.2518	0.0588	0.0909	1.3026	1.7856
	11	0.0122	0.0029	0.0063	1.2884	1.8572	0.3612	0.0657	0.1319	0.9106	1.8258
	12	0.0224	0.0129	0.0069	0.9522	1.8572	0.1457	0.0343	0.0546	1.1797	1.8761
653	4	1.252	3.06	44.99	1.2884	1.6726	0.0496	0.0149	0.0151	1.5092	1.5245
	11	0.0433	0.0146	0.0163	1.6878	1.8808	0.0684	0.0252	0.0229	1.8446	1.6786
	12	0.0662	0.0282	0.0221	2.1284	1.6726	0.0496	0.0149	0.0151	1.5092	1.5245
653	5	1.250	6.23	44.99	1.8234	1.9525	0.1537	0.0463	0.0538	1.5060	1.7502
	11	0.0700	0.0255	0.0273	1.5629	1.7762	0.0662	0.0218	0.0225	1.6460	1.6974
	12	0.1519	0.0475	0.0539	1.4285	1.8325	0.1106	0.0288	0.0395	1.1675	1.8060
653	6	1.250	9.40	44.99	1.1917	1.8325	0.2518	0.0588	0.0909	1.3026	1.7856
	11	0.1186	0.0338	0.0451	1.2884	1.8572	0.3612	0.0657	0.1319	0.9106	1.8258
	12	0.2486	0.0592	0.0911	0.9522	1.8572	0.1457	0.0343	0.0546	1.1797	1.8761
653	7	1.252	12.56	44.99	1.2884	1.8572	0.3612	0.0657	0.1319	0.9106	1.8258
	11	0.1585	0.0408	0.0609	0.9522	1.8572	0.1457	0.0343	0.0546	1.1797	1.8761
	12	0.3530	0.0672	0.1311	1.2884	1.8572	0.3612	0.0657	0.1319	0.9106	1.8258
653	8	1.250	-0.05	44.99	1.2884	1.8572	0.3612	0.0657	0.1319	0.9106	1.8258

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																						
654	1	11	12	-0.0025	-0.0023	0.0009	4.5063	-1.7611	0.0052	0.0022	0.0018	2.1457	1.7576	0.0050	0.0063	0.0012	6.3456	1.2271	0.0067	-0.0001	0.0003	-0.1319	0.2476
654	1	10	11	1.250	-3.24	45.00	1.9125	1.5333	-0.0317	-0.0122	-0.0108	1.9312	1.7924	-0.0511	-0.0233	-0.0187	1.0198	1.8657	-0.0509	-0.0201	-0.0186	1.9809	1.8315
654	2	10	11	1.250	-0.09	44.99	3.1988	2.2718	0.0162	0.0061	0.0045	1.8825	1.4074	0.0075	0.0003	0.0034	3.5417	1.2910	0.0189	0.0044	0.0034	1.1665	0.9129
654	3	10	11	1.251	0.93	44.99	1.3262	2.0080	0.0288	0.0111	0.0094	1.9307	1.6471	0.0218	0.0057	0.0087	2.7620	1.5377	0.0321	0.0092	0.0085	1.4309	1.3313
654	4	10	11	1.251	3.05	44.99	1.6235	1.8535	0.0708	0.0262	0.0235	1.8502	1.6643	0.0518	0.0168	0.0192	2.1700	1.6643	0.0612	0.0184	0.0185	1.5041	1.5162
654	5	10	11	1.250	6.19	44.99	1.6516	1.8809	0.1531	0.0465	0.0539	1.5212	1.7603	0.0816	0.0481	0.0541	1.5871	1.7860	0.0811	0.0241	0.0271	1.4865	1.6747
654	6	10	11	1.250	9.36	44.99	1.4077	1.8628	0.2515	0.0591	0.0907	1.1747	1.8034	0.1281	0.0360	0.0477	1.2039	1.8316	0.1234	0.0323	0.0439	1.3121	1.7803
654	7	10	11	1.251	12.57	44.99	1.2472	1.9165	0.3601	0.0661	0.1317	0.9184	1.8288	0.1652	0.0412	0.0633	0.9527	1.8556	0.1537	0.0352	0.0575	1.1461	1.8708
654	8	10	11	1.251	-0.10	44.99	3.3132	2.5764	0.0156	0.0059	0.0044	1.8913	1.4215	0.0065	0.0004	0.0033	3.4773	1.2290	0.0187	0.0044	0.0034	1.1984	0.9177
655	1	10	11	1.252	-3.18	45.00	1.9292	1.5497	-0.0439	-0.0162	-0.0147	1.8463	1.6746	-0.0656	-0.0253	-0.0203	1.2365	1.7420	-0.0568	-0.0224	-0.0205	1.9791	1.6096
655	2	10	11	1.254	-0.02	44.99	2.7471	-0.1099	0.0041	0.0015	0.0017	1.9127	2.0863	-0.0057	-0.0031	0.0001	7.1374	1.3741	0.0014	-0.0011	-0.0007	-3.8591	-2.6375
		11	12	0.0036	0.0052	0.0010																	

Run Pt. Cd

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
655	3	10 11 12	1.253 0.0083 0.0210	0.98 0.016 0.0120	0.0067	44.99 0.0050 0.0067	1.0086 2.8675	3.0260 1.6047	0.0210 0.0154	0.0076 0.0032	0.0074 0.0034	1.8208 1.0628	1.7642 1.1137					
655	4	10 11 12	1.251 0.0398 0.0655	3.09 0.0135 0.0277	0.0220	44.99 0.0153 0.0220	1.7056 2.1177	1.9210 1.6839	0.0682 0.0447	0.0251 0.0132	0.0227 0.0134	1.8390 1.4816	1.6693 1.5048					
655	5	10 11 12	1.250 0.0666 0.1523	6.25 0.0251 0.0472	0.0539	44.99 0.0262 0.0539	1.8893 1.5518	1.9695 1.7708	0.1547 0.0620	0.0461 0.0214	0.0541 0.0210	1.4916 1.7269	1.7489 1.6971					
655	6	10 11 12	1.251 0.1161 0.2513	9.43 0.0330 0.0590	0.0920	44.99 0.0441 0.0920	1.4213 1.1742	1.9005 1.8307	0.2545 0.1053	0.0585 0.0274	0.0917 0.0376	1.1504 1.3046	1.8023 1.7852					
655	7	10 11 12	1.250 0.1561 0.3531	12.61 0.0404 0.0672	0.1310	44.99 0.0605 0.1310	1.2965 0.9515	1.9399 1.8558	0.3610 0.1439	0.0658 0.0344	0.1321 0.0539	0.9122 1.1952	1.8295 1.8755					
655	8	10 11 12	1.251 -0.0061 -0.0027	-0.04 -0.0032 0.0051	0.0006	44.99 0.0001 0.0006	2.6392 9.3272	-0.1040 1.2116	0.0024 0.0020	-0.0014 -0.0014	-0.0012 -0.0008	-3.4384 -3.5204	2.5298 -2.1937					
656	1	10 11 12	1.251 -0.0662 -0.0478	3.14 -0.0255 -0.0120	0.0162	44.99 -0.0205 -0.0162	1.9323 1.2580	1.5544 1.6980	-0.0489 -0.0572	-0.0174 -0.0231	-0.0166 -0.0206	1.7810 2.0197	1.6971 1.8060					
656	2	10 11 12	1.252 -0.0131 -0.0045	-0.00 -0.0056 0.0025	0.0012	44.99 -0.0017 -0.0012	2.1395 -2.7697	0.6721 1.3366	-0.0033 -0.0064	-0.0009 -0.0040	-0.0003 -0.0031	1.3714 3.1681	0.5177 2.4216					
656	3	10 11 12	1.255 0.0000 0.0147	1.01 -0.0088 0.0088	0.0051	44.99 0.0028 0.0051	3.0051 ⁶ 1.7506	612.0855 0.0144	0.0036 -0.0036	-0.0001 -0.0001	0.0061 0.0005	-1.8140 -0.2076	2.1292 0.7662					
656	4	10 11 12	1.251 0.0328 0.0632	3.13 0.0111 0.0269	0.0209	44.99 0.0131 0.0209	1.7066 2.1320	2.0078 1.6575	0.0651 0.0382	0.0239 0.0109	0.0219 0.0114	1.8418 1.4390	1.6878 1.5016					
656	5	10 11 12	1.250 0.0652 0.1518	6.28 0.0262 0.0468	0.0538	44.99 0.0252 0.0538	2.0080 1.5415	1.9325 1.7732	0.1526 0.0550	0.0456 0.0207	0.0535 0.0186	1.4951 1.8877	1.7552 1.6886					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →										
			1	2	3	4	5	6	7	8	9	10	11
656	6	10	1.251	9.44	44.99	1.4311	1.9224	0.2583	0.0588	0.0925	1.1394	1.7908	
	11	11	0.1066	0.0305	0.0410	1.1622	1.8248	0.0955	0.0247	0.0342	1.2982	1.7938	
	12	12	0.2517	0.0585	0.0918								
656	7	10	1.251	12.61	44.99	1.3297	1.9240	0.3600	0.0657	0.1315	0.9133	1.8261	
	11	11	0.1550	0.0412	0.0596	0.9462	1.8518	0.1372	0.0336	0.0516	1.2261	1.8803	
	12	12	0.3544	0.0670	0.1312								
656	8	10	1.252	-0.03	44.99	2.2158	0.6188	-0.0049	-0.0012	-0.0009	1.2863	0.9269	
	11	11	-0.0125	-0.0055	-0.0015	-2.6756	1.5550	-0.0063	-0.0043	-0.0033	3.4168	2.6176	
	12	12	-0.0049	0.0026	-0.0013								
657	13	10	1.252	-3.11	44.99	1.9237	1.5353	-0.0570	-0.0166	-0.0191	1.6363	1.6763	
	11	11	-0.0696	-0.0267	-0.0213	1.2827	1.7291	-0.0602	-0.0250	-0.0216	2.0776	1.7998	
	12	12	-0.0563	-0.0144	-0.0194								
657	14	10	1.252	0.03	44.99	1.9237	1.5353	-0.0570	-0.0186	-0.0191	1.6363	1.6763	
	11	11	-0.0226	-0.0087	-0.0043	1.2827	1.7291	-0.0602	-0.0250	-0.0216	2.0776	1.7998	
	12	12	-0.0190	-0.0026	-0.0055								
657	15	10	1.252	1.09	44.99	1.9242	0.9626	-0.0138	-0.0043	-0.0033	1.5603	1.2021	
	11	11	-0.0151	-0.0052	-0.0006	0.6828	1.4463	-0.0126	-0.0077	-0.0051	3.0405	2.0183	
	12	12	0.0001	0.0040	0.0019	1.7280	0.2082	0.0029	0.0013	0.0030	2.3398	5.2228	
657	16	10	1.252	3.21	44.99	1.9121	2.2991	0.0596	0.0204	0.0201	1.7179	1.6890	
	11	11	0.0228	0.0087	0.0104	2.1151	1.6847	0.0246	0.0058	0.0071	1.1937	1.4470	
	12	12	0.0595	0.0251	0.0200								
657	17	10	1.250	6.36	44.99	2.1807	2.0076	0.1522	0.0458	0.0532	1.5060	1.7489	
	11	11	0.0584	0.0254	0.0234	1.5550	1.7768	0.0509	0.0203	0.0172	1.9933	1.6954	
	12	12	0.1506	0.0468	0.0535								
657	18	10	1.251	9.51	44.99	1.4792	2.0112	0.2566	0.0583	0.0921	1.1372	1.7948	
	11	11	0.0938	0.0277	0.0377	1.1549	1.8258	0.0793	0.0201	0.0282	1.2690	1.7797	
	12	12	0.2527	0.0583	0.0922								
657	19	10	1.252	12.69	44.99	1.3677	1.9715	0.3630	0.0660	0.1325	0.9092	1.8259	
	11	11	0.1453	0.0397	0.0573	0.9504	1.8553	0.1353	0.0344	0.0509	1.2711	1.8829	
	12	12	0.3529	0.0670	0.1309								

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
657	20	10 11 12	1.2550 -0.0331 -0.0167	0.06 -0.062 -0.0226	44.99 -0.038 -0.0050	1.8691 0.6946	0.9770 1.3440	-0.0142 -0.0126	-0.0044 -0.0076	-0.0036 -0.0052	1.5483 3.0412	1.2894 2.0636									
65A	1	10 11 12	1.253 -0.0700 -0.0659	-3.06 -0.0273 -0.0165	44.99 -0.0213 -0.0225	1.9526 1.2521	1.5261 1.7077	-0.0646 -0.0613	-0.0192 -0.0255	-0.0217 -0.0219	1.4860 2.0807	1.6832 1.7878									
65A	2	10 11 12	1.252 -0.0258 -0.0289	0.11 -0.0098 -0.0062	44.99 -0.0053 -0.0087	1.9097 1.0841	1.0401 1.5142	-0.0217 -0.0172	-0.0066 -0.0098	-0.0061 -0.0067	1.5212 2.8581	1.4002 1.9732									
65B	3	10 11 12	1.252 -0.0284 -0.0131	1.12 -0.0097 -0.0013	44.99 -0.0042 -0.0016	1.7068 0.4994	0.7420 0.6437	-0.0042 -0.0209	-0.0012 -0.0094	0.0005 -0.0077	1.5169 2.2566	-0.6658 -1.8544									
65B	4	10 11 12	1.252 0.0141 0.0537	3.24 0.0047 0.0206	44.99 0.0079 0.0181	1.6654 1.9243	2.8014 1.6902	0.0520 0.0118	0.0161 0.0006	0.0183 0.0035	1.5541 0.2688	1.7613 1.5012									
65A	5	10 11 12	1.252 0.0576 0.1479	6.38 0.0257 0.0457	44.99 0.0226 0.0526	2.2355 1.5475	1.9675 1.7806	0.1518 0.0508	0.0454 0.0197	0.0531 0.0168	1.4955 1.9436	1.7512 1.6563									
65B	6	10 11 12	1.251 0.0900 0.2538	9.53 0.0269 0.0577	44.99 0.0360 0.0929	1.4964 1.1370	2.0005 1.8310	0.2584 0.0695	0.0579 0.0174	0.0928 0.0245	1.1209 1.2316	1.7962 1.7620									
65A	7	10 11 12	1.249 0.1450 0.3521	12.71 0.0408 0.0672	44.99 0.0568 0.1308	1.4098 0.9544	1.9617 1.8580	0.3626 0.1318	0.0657 0.0337	0.1324 0.0494	0.9064 1.2813	1.8262 1.8738									
65B	8	10 11 12	1.251 -0.0251 -0.0297	0.08 -0.0096 -0.0064	44.99 -0.0050 -0.0089	1.9146 1.0847	0.9968 1.5105	-0.0222 -0.0162	-0.0066 -0.0097	-0.0063 -0.0065	1.4851 2.9925	1.4203 2.0150									
65A	1	10 11 12	1.251 -0.0669 -0.0827	-2.96 -0.0283 -0.0206	44.99 -0.0205 -0.0271	2.1176 1.2507	1.5310 1.6400	-0.0800 -0.0582	-0.0233 -0.0266	-0.0261 -0.0213	1.4569 2.2899	1.6331 1.8348									
65A	2	10 11 12	1.251 -0.0372 -0.0392	0.18 -0.0103 -0.0099	44.99 -0.0061 -0.0125	1.8894 1.2628	1.1246 1.6002	-0.0302 -0.0186	-0.0091 -0.0108	-0.0094 -0.0078	1.5139 2.9169	1.5530 2.1073									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →											
659	3	10	1.252	-0.1123	44.99	1.6332	1.1026	-0.0110	-0.0038	-0.0021	1.7532	0.9850		
		11	-0.0378	-0.0048	-0.0059	1.0312	1.2648	-0.0275	-0.0120	-0.0101	2.1910	1.8489		
		12	-0.0234	-0.0048	-0.0059	1.0312	1.2648	-0.0275	-0.0120	-0.0101	2.1910	1.8489		
659	4	10	1.252	3.27	44.99	2.4767	-2.2593	0.0343	0.0105	0.0158	1.5380	2.3053		
		11	-0.0060	-0.0029	0.0027	1.6868	1.9650	-0.0212	-0.0094	-0.0065	2.2276	1.5562		
		12	-0.0428	0.0144	0.0168	1.6868	1.9650	-0.0212	-0.0094	-0.0065	2.2276	1.5562		
659	5	10	1.250	6.42	44.99	2.2554	1.9985	0.1520	0.0451	0.0532	1.4836	1.7528		
		11	0.0528	0.0238	0.0211	1.5475	1.7767	0.0457	0.0179	0.0149	1.9631	1.6388		
		12	0.1473	0.0455	0.0523	1.5475	1.7767	0.0457	0.0179	0.0149	1.9631	1.6388		
659	6	10	1.251	9.55	44.99	1.5883	2.1217	0.2595	0.0567	0.0927	1.0931	1.7868		
		11	0.0659	0.0209	0.0279	1.1076	1.8241	0.0464	0.0120	0.0157	1.2921	1.6984		
		12	0.2577	0.0570	0.0940	1.1076	1.8241	0.0464	0.0120	0.0157	1.2921	1.6984		
659	7	10	1.252	12.71	44.99	1.4036	1.9954	0.3610	0.0650	0.1315	0.9005	1.8222		
		11	0.1344	0.0377	0.0536	0.9373	1.8528	0.1212	0.0312	0.0457	1.2880	1.8869		
		12	0.3553	0.0666	0.1316	0.9373	1.8528	0.1212	0.0312	0.0457	1.2880	1.8869		
659	8	10	1.251	0.14	44.99	1.8715	1.1140	-0.0310	-0.0094	-0.0078	1.5157	1.5056		
		11	-0.0277	-0.0103	-0.0061	1.2431	1.6072	-0.0184	-0.0105	-0.0078	2.8721	2.1190		
		12	-0.0386	-0.0095	-0.0124	1.2431	1.6072	-0.0184	-0.0105	-0.0078	2.8721	2.1190		
660	1	10	1.050	-3.13	0.00	0.7052	2.1198	-0.0760	-0.0237	-0.0253	1.5577	1.6659		
		11	0.0119	0.0016	0.0050	1.7438	1.3308	-0.0639	-0.0188	-0.0222	1.4778	1.7441		
		12	0.0098	0.0034	0.0026	1.7438	1.3308	-0.0639	-0.0188	-0.0222	1.4778	1.7441		
660	2	10	1.050	-1.08	-0.00	0.7216	2.0623	-0.0101	-0.0036	-0.0038	1.7949	1.9015		
		11	0.0116	0.0016	0.0048	1.7247	0.9393	-0.0027	-0.0009	-0.0018	1.6528	-3.2700		
		12	0.0090	0.0031	0.0017	1.7247	0.9393	-0.0027	-0.0009	-0.0018	1.6528	-3.2700		
660	3	10	1.051	-0.06	-0.00	0.7223	2.0902	0.0122	0.0038	0.0041	1.5630	1.6768		
		11	0.0109	0.0015	0.0045	1.7748	0.9028	0.0225	0.0078	0.0054	1.7429	1.2042		
		12	0.0094	0.0033	0.0017	1.7748	0.9028	0.0225	0.0078	0.0054	1.7429	1.2042		
660	4	10	1.051	0.48	-0.00	0.7908	1.9994	0.0210	0.0068	0.0071	1.6214	1.7014		
		11	0.0120	0.0019	0.0048	1.8976	0.8888	0.0310	0.0106	0.0085	1.7197	1.5724		
		12	0.0088	0.0033	0.0015	1.8976	0.8888	0.0310	0.0106	0.0085	1.7197	1.5724		
660	5	10	1.048	1.00	-0.00	0.6416	2.1012	0.0348	0.0115	0.0121	1.6601	1.7379		
		11	0.0105	0.0013	0.0044	1.8225	0.6291	0.0431	0.0149	0.0129	1.7293	1.5003		
		12	0.0083	0.0030	0.0010	1.8225	0.6291	0.0431	0.0149	0.0129	1.7293	1.5003		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
660	6	10 11 12	1.050 0.0091 0.0076	3.08 0.0012 0.0028	-0.00 0.0043 0.0010	0.6821 1.8382	2.3451 0.6835	0.0918 0.0992	0.0299 0.0325	0.0317 0.0324	1.6318 1.6401	1.7258 1.6325								
660	7	10 11 12	1.043 0.0057 0.0060	6.17 -0.0003 0.0021	-0.00 0.0030 0.0003	-0.2736 1.6083	2.6270 0.3274	0.1957 0.1983	0.0600 0.0663	0.0681 0.0678	1.5332 1.5221	1.7422 1.7117								
660	8	10 11 12	1.052 0.0056 0.0064	9.30 -0.0014 0.0020	-0.00 0.0029 0.0002	-1.2672 1.6023	2.6507 0.2050	0.3314 0.3281	0.0836 0.0842	0.1183 0.1165	1.2611 1.2630	1.7854 1.7756								
660	9	10 11 12	1.050 -0.0002 -0.0054	12.52 -0.0024 0.0016	-0.00 0.0015 0.0000	4.0 1.116-30 1.5026	3.282 0.0028	0.4672 0.4606	0.0988 0.1002	0.1690 0.1656	1.0576 1.0884	1.8988 1.7979								
660	10	10 11 12	1.050 0.0097 0.0084	-0.06 0.0010 0.0029	-0.00 0.0045 0.0013	0.5310 1.7309	2.3522 0.7771	0.0121 0.0217	0.0039 0.0075	0.0041 0.0051	1.6245 1.7357	1.6925 1.1903								
661	1	10 11 12	1.051 0.0108 0.0095	-3.12 0.0015 0.0034	-0.00 0.0045 0.0024	0.7223 1.7996	2.0902 1.3025	-0.0795 -0.0682	-0.0254 -0.0208	-0.0263 -0.0241	1.6026 1.5279	1.6567 1.7706								
661	2	10 11 12	1.050 0.0120 0.0090	-1.07 0.0019 0.0031	-0.00 0.0048 0.0016	0.7908 1.7247	1.9994 0.9393	-0.0204 -0.0095	-0.0066 -0.0025	-0.0067 -0.0047	1.6191 1.3384	1.6611 2.5046								
661	3	10 11 12	1.049 0.0112 0.0087	-0.06 0.0015 0.0031	-0.00 0.0046 0.0014	0.7033 1.7846	2.0928 0.8201	0.0037 0.0131	0.0008 0.0043	0.0017 0.0029	1.1124 1.6514	2.3092 1.1293								
661	4	10 11 12	1.050 0.0117 0.0086	0.48 0.0012 0.0032	-0.00 0.0049 0.0015	0.8133 1.8739	2.1056 0.9076	0.0168 0.0260	0.0052 0.0085	0.0062 0.0070	1.5425 1.6409	1.8460 1.3637								
661	5	10 11 12	1.049 0.0106 0.0069	1.00 0.0015 0.0025	-0.00 0.0046 0.0010	0.7453 1.8570	2.2102 0.7483	0.0296 0.0387	0.0093 0.0128	0.0103 0.0114	1.5780 1.6565	1.7421 1.4811								
661	9	10 11 12	1.050 0.0088 0.0070	3.09 0.0012 0.0026	-0.00 0.0044 0.0006	0.7084 1.8559	2.4968 0.4663	0.0897 0.0950	0.0285 0.0304	0.0309 0.0311	1.5924 1.6012	1.7245 1.6394								

← See Key →

TABLE VILA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																			
661	10	1.050	6.19	-0.3344	3.1733	0.1932	0.0587	0.0676	1.5201	1.7502										
	11	0.0045	-0.0003	0.0028	0.0003	0.0028	0.0003	0.0672	1.5022	1.7240										
	12	0.0061	0.0022	0.0003	0.0003	0.0022	0.0003	0.0585												
661	11	1.052	9.33	-1.4762	2.6081	0.3295	0.0832	0.1183	1.2623	1.7952										
	11	0.0059	-0.0017	0.0030	0.0005	0.0030	0.0005	0.1158	1.2869	1.7610										
	12	0.0070	0.0022	0.0005	0.0005	0.0022	0.0005	0.1158												
661	12	1.047	12.54	4.8816	-0.9105	0.4650	0.0987	0.1682	1.0620	1.8091										
	11	-0.0028	-0.0028	0.0005	0.0005	0.0028	0.0005	0.1656	1.0891	1.8011										
	12	-0.0056	0.0017	-0.0003	-0.0003	0.0017	-0.0003	0.1656												
661	13	1.049	-0.05	0.7058	2.2491	0.0022	0.0005	0.0015	1.1170	3.4513										
	11	0.0103	0.0014	0.0046	0.0015	0.0022	0.0005	0.0029	1.7128	1.1997										
	12	0.0093	0.0033	0.0015	0.0015	0.0033	0.0015	0.0029												
662	1	1.048	-3.10	0.5750	2.2426	-0.0822	-0.0265	-0.0268	1.6159	1.6351										
	11	0.0098	0.0011	0.0044	0.0011	0.0022	-0.0213	-0.0241	1.5406	1.7398										
	12	0.0102	0.0035	0.0026	0.0011	0.0026	-0.0213	-0.0241												
662	2	1.052	-1.05	0.8559	1.9403	-0.0250	-0.0081	-0.0076	1.6323	1.5326										
	11	0.0123	0.0021	0.0047	0.0019	0.0021	-0.0038	-0.0055	1.5925	1.6326										
	12	0.0097	0.0035	0.0019	0.0019	0.0035	-0.0038	-0.0055												
662	3	1.051	-0.03	0.7252	2.2096	-0.0004	-0.0002	0.0009	2.7285	-1.1943										
	11	0.0108	0.0015	0.0047	0.0014	0.0004	0.0002	0.0023	1.7574	1.1658										
	12	0.0093	0.0033	0.0014	0.0014	0.0004	0.0002	0.0023												
662	4	1.050	0.47	0.6428	2.4021	0.0113	0.0034	0.0047	1.5387	2.0974										
	11	0.0097	0.0012	0.0046	0.0013	0.0113	0.0034	0.0061	1.6546	1.4748										
	12	0.0084	0.0031	0.0015	0.0013	0.0209	0.0069	0.0061												
662	5	1.051	0.99	0.6387	2.5375	0.0241	0.0075	0.0092	1.5542	1.9117										
	11	0.0089	0.0011	0.0045	0.0011	0.0241	0.0109	0.0102	1.6088	1.5053										
	12	0.0079	0.0030	0.0011	0.0011	0.0341	0.0109	0.0102												
662	6	1.050	3.10	0.7496	2.3190	0.0873	0.0275	0.0299	1.5767	1.7145										
	11	0.0097	0.0014	0.0045	0.0014	0.0925	0.0291	0.0302	1.5764	1.6372										
	12	0.0066	0.0025	0.0007	0.0014	0.0925	0.0291	0.0302												
662	7	1.053	6.20	-0.0850	2.9355	0.1914	0.0582	0.0670	1.5206	1.7500										
	11	0.0048	-0.0000	0.0028	0.0006	0.1914	0.0578	0.0665	1.4999	1.7271										
	12	0.0066	0.0025	0.0006	0.0006	0.1927	0.0578	0.0665												

See Key →

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																								
662	8	10	1.051	9.34	-0.000	-2.3494	2.8873	0.3261	0.0826	0.1169	1.2670	1.7925														
		11	0.0051	-0.0024	0.0029	1.6413	0.2982	0.3241	0.0836	0.1153	1.2906	1.7797														
		12	0.0065	0.0021	0.0003																					
662	9	10	1.051	12.55	-0.000	5.6221	-1.3596	0.4646	0.0985	0.1683	1.0607	1.8117														
		11	-0.0024	-0.0027	0.0006	1.4443	0.2073	0.4594	0.1000	0.1656	1.0891	1.8026														
		12	0.0063	0.001A	0.0002																					
662	10	10	1.053	-0.01	-0.000	0.8490	2.3786	-0.0002	-0.0001	0.0007	2.5685	17.6463														
		11	0.0105	0.0017	0.0050	1.9203	0.8708	0.0098	0.0034	0.0021	1.7576	1.1001														
		12	0.0089	0.0034	0.0015																					
663	1	10	1.052	-3.09	0.000	0.8755	1.8804	-0.08	-0.0282	-0.0281	1.6522	1.6423														
		11	0.0120	0.0021	0.0045	1.8109	1.1962	-0.0725	-0.0229	-0.0252	1.5792	1.7396														
		12	0.0102	0.0037	0.0024																					
663	2	10	1.050	-1.04	-0.000	0.7416	2.1163	-0.0270	-0.0090	-0.0083	1.6700	1.5413														
		11	0.0112	0.0016	0.0047	1.7502	0.9207	-0.0178	-0.0052	-0.0063	1.4773	1.7902														
		12	0.0091	0.0032	0.0016																					
663	3	10	1.051	-0.03	-0.000	0.7642	2.2318	-0.0050	-0.0015	-0.0002	1.5784	0.2642														
		11	0.0110	0.0016	0.0049	1.8099	0.8773	0.0038	0.0018	0.0010	2.3346	1.3236														
		12	0.0088	0.0032	0.0015																					
663	4	10	1.051	0.47	-0.000	0.5978	2.4480	0.0071	0.0022	0.0039	1.5505	2.7762														
		11	0.0095	0.0011	0.0046	1.8490	0.8490	0.0152	0.0053	0.0047	1.7436	1.5479														
		12	0.0083	0.0031	0.0014																					
663	5	10	1.050	1.02	-0.000	0.7484	2.3329	0.0222	0.0067	0.0086	1.5133	1.9502														
		11	0.0105	0.0015	0.0049	1.8667	0.9211	0.0298	0.0094	0.0092	1.5890	1.5460														
		12	0.0077	0.0028	0.0014																					
663	6	10	1.053	3.15	-0.000	0.8434	2.4202	0.0857	0.0266	0.0298	1.5556	1.7398														
		11	0.0093	0.0015	0.0045	2.1120	0.7534	0.0903	0.0279	0.0295	1.5480	1.6336														
		12	0.0068	0.0029	0.0010																					
663	7	10	1.049	6.26	-0.000	-0.3216	2.8433	0.1931	0.0584	0.0678	1.5139	1.7569														
		11	0.0047	-0.0003	0.0027	1.7575	0.4044	0.1935	0.0578	0.0666	1.4952	1.7219														
		12	0.0064	0.0022	0.0005																					
663	8	10	1.051	9.35	-0.000	-3.1535	3.0835	0.3261	0.0825	0.1172	1.2660	1.7976														
		11	0.0041	-0.0026	0.0025	1.6058	0.4633	0.3224	0.0833	0.1147	1.2917	1.7800														
		12	0.0070	0.0022	0.0006																					

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	←		→ See Key													
663	9	10	-1.053	12.55	-0.000	4.0011	-0.0052	0.4609	0.0980	0.1666	1.0638	1.8081						
		11	0.036	-0.0029	0.0000	1.5610	0.2109	0.4571	0.0999	0.1646	1.0928	1.8009						
		12	0.0062	0.0019	0.0002													
663	10	10	1.051	-0.04	-0.00	0.6845	2.2924	-0.0040	-0.0011	-0.0002	1.4430	0.3303						
		11	0.099	0.0013	0.0045	1.8095	0.7297	0.0046	0.0019	0.0007	2.0591	0.8259						
		12	0.0089	0.0032	0.0013													
664	1	10	1.050	3.08	0.00	0.7554	1.9754	-0.0902	-0.0305	-0.0297	1.6909	1.6469						
		11	0.0118	0.0017	0.0046	1.7593	1.2877	-0.0770	-0.0248	-0.0265	1.6142	1.7222						
		12	0.0106	0.0037	0.0027													
664	2	10	1.049	-1.03	-0.00	0.6207	2.2664	-0.0316	-0.0110	-0.0094	1.7451	1.4949						
		11	0.0100	0.0012	0.0045	1.7505	1.0646	-0.0217	-0.0072	-0.0079	1.6644	1.8365						
		12	0.0092	0.0032	0.0019													
664	3	10	1.047	-0.03	-0.00	0.6411	2.3355	-0.0124	-0.0044	-0.0026	1.7792	1.0772						
		11	0.0097	0.0012	0.0045	1.8099	0.8773	-0.0040	-0.0010	-0.0012	1.2649	1.5722						
		12	0.0089	0.0032	0.0015													
664	4	10	1.049	0.52	-0.00	0.7642	2.2318	-0.0020	-0.0004	0.0015	2.0841	3.9718						
		11	0.0110	0.0016	0.0049	1.7846	0.8201	0.0061	0.0026	0.0025	2.1565	2.1048						
		12	0.0087	0.0031	0.0014													
664	5	10	1.052	1.04	-0.00	0.8548	2.0429	0.0108	0.0033	0.0055	1.5611	2.5643						
		11	0.0111	0.0019	0.0045	1.9417	0.7816	0.0175	0.0059	0.0057	1.7007	1.6477						
		12	0.0075	0.0029	0.0011													
664	6	10	1.049	3.19	-0.00	0.7682	2.2740	0.0815	0.0247	0.0285	1.5193	1.7497						
		11	0.0103	0.0015	0.0046	1.9106	0.6011	0.0861	0.0260	0.0280	1.5112	1.5266						
		12	0.0065	0.0024	0.0007													
664	7	10	1.050	6.27	-0.00	0.0139	2.4062	0.1876	0.0567	0.0650	1.5131	1.7335						
		11	0.0059	0.0000	0.0028	1.9718	0.3236	0.1885	0.0562	0.0648	1.4921	1.7208						
		12	0.0060	0.0023	0.0003													
664	8	10	1.047	9.37	-0.00	-3.9365	3.3886	0.3213	0.0815	0.1154	1.2694	1.7957						
		11	0.0030	-0.0024	0.0020	1.6870	0.1213	0.3202	0.0827	0.1136	1.2924	1.7749						
		12	0.0054	0.0018	0.0001													
664	9	10	-1.052	12.56	-0.00	3.8430	0.4406	0.4618	0.0982	0.1669	1.0632	1.8076						
		11	-0.0044	-0.0033	-0.0003													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
			12	0.0062	0.0019	0.0003	1.5609	0.3156	0.4503	0.0999	0.1650	1.0090	1.0002							
664	10		10	1.050	0.01	-0.00														
			11	0.0108	0.0015	0.0045	0.7223	2.0902	-0.0110	-0.0039	-0.0010	1.7929	0.8410							
			12	0.0087	0.0031	0.0014	1.7846	0.8201	-0.0032	-0.0007	-0.0010	1.0962	1.5744							
665	1		10	1.050	-3.09	-0.00	0.7048	2.1509	-0.0913	-0.0314	-0.0300	1.7204	1.6449							
			11	0.0111	0.0015	0.0048	1.8663	1.3641	-0.0800	-0.0266	-0.0279	1.6614	1.7483							
			12	0.0100	0.0037	0.0027														
665	2		10	1.053	-1.02	-0.00	0.8605	2.2762	-0.0368	-0.0136	-0.0111	1.8594	1.5124							
			11	0.0111	0.0019	0.0050	1.8351	1.1512	-0.0230	-0.0101	-0.0099	1.8164	1.7830							
			12	0.0090	0.0033	0.0020														
665	3		10	1.051	0.00	-0.00	0.7836	2.1727	-0.0203	-0.0078	-0.0049	1.9210	1.2040							
			11	0.0107	0.0016	0.0046	1.7746	0.8326	-0.0138	-0.0051	-0.0042	1.8644	1.5234							
			12	0.0093	0.0033	0.0015														
665	4		10	1.049	0.52	-0.00	0.7469	2.2716	-0.0155	-0.0055	-0.0022	1.7943	0.7201							
			11	0.0105	0.0015	0.0048	1.7745	0.7625	-0.0090	-0.0029	-0.0016	1.6341	0.9137							
			12	0.0094	0.0033	0.0014														
665	5		10	1.050	1.06	-0.00	0.8055	2.1723	-0.0030	-0.0012	0.0022	2.0054	3.7373							
			11	0.0104	0.0016	0.0045	1.7850	0.9713	-0.0007	-0.0004	0.0020	3.2071	13.5223							
			12	0.0087	0.0031	0.0016														
665	6		10	1.049	3.16	-0.00	0.7657	2.2904	0.0734	0.0212	0.0256	1.4445	1.7449							
			11	0.0110	0.0016	0.0050	1.8092	0.6121	0.0750	0.0210	0.0249	1.4432	1.6441							
			12	0.0074	0.0026	0.0009														
665	7		10	1.050	6.25	-0.00	0.1141	2.5644	0.1815	0.0548	0.0633	1.5120	1.7457							
			11	0.0058	0.0001	0.0029	1.8443	0.4237	0.1838	0.0547	0.0631	1.4892	1.7182							
			12	0.0061	0.0022	0.0005														
665	8		10	1.050	9.37	-0.00	7.9463	0.3223	0.3223	0.0816	0.1158	1.2658	1.7917							
			11	0.0010	-0.0027	0.0016	12.9589	0.3974	0.3200	0.0826	0.1138	1.2912	1.7787							
			12	0.0065	0.0021	0.0005	1.6413													
665	9		10	1.050	12.56	-0.00	3.3191	0.3152	0.4605	0.0979	0.1664	1.0638	1.8070							
			11	0.0060	-0.0040	-0.0003	1.5609	0.3156	0.4578	0.1001	0.1646	1.0936	1.7984							
			12	0.0062	0.0019	0.0003														
665	10		10	1.050	0.00	-0.00														

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
666	1	10	0.0101	0.0014	0.0048	0.7295	2.3793	-0.0206	-0.0077	-0.0046	1.8818	1.1328											
		12	0.0090	0.0031	0.0015	1.7245	0.8661	-0.0132	-0.0049	-0.0042	1.8756	1.5996											
666	1	10	1.050	-3.05	-0.00	0.7431	2.1734	-0.0947	-0.0336	-0.0313	1.7761	1.6510											
		12	0.0113	0.0016	0.0049	1.9445	1.3129	-0.0844	-0.0286	-0.0292	1.6984	1.7285											
666	2	10	1.049	-1.02	-0.00	0.7787	2.1390	-0.0417	-0.0159	-0.0129	1.9073	1.5478											
		12	0.0115	0.0018	0.0049	1.7191	1.0117	-0.0339	-0.0126	-0.0118	1.8655	1.7421											
666	3	10	1.050	0.02	-0.00	0.7252	2.2096	-0.0242	-0.0098	-0.0065	2.0235	1.3457											
		12	0.0108	0.0015	0.0048	1.7245	0.8661	-0.0194	-0.0076	-0.0062	1.9648	1.6211											
666	4	10	1.052	0.53	-0.00	0.8806	2.0956	-0.0214	-0.0082	-0.0042	1.9280	0.9913											
		12	0.0120	0.0021	0.0050	1.8099	0.8773	-0.0166	-0.0061	-0.0044	1.8411	1.5441											
666	5	10	1.051	1.09	-0.00	0.8683	2.0703	-0.0197	-0.0072	-0.0022	1.8217	0.5737											
		12	0.0116	0.0028	0.0013	1.8388	0.8563	-0.0159	-0.0053	-0.0025	1.6659	0.7991											
666	6	10	1.048	3.18	-0.00	0.6867	2.1519	0.0678	0.0188	0.0238	1.3865	1.7590											
		12	0.0114	0.0015	0.0049	1.7927	0.6900	0.0696	0.0196	0.0229	1.4114	1.6495											
666	7	10	1.050	6.31	-0.00	0.3674	2.1806	0.1814	0.0548	0.0634	1.5115	1.7484											
		12	0.0077	0.0005	0.0033	1.9397	0.3893	0.1841	0.0547	0.0630	1.4863	1.7108											
666	8	10	1.051	9.37	-0.00	-3.9047	3.2689	0.3210	0.0811	0.1149	1.2637	1.7907											
		12	0.0029	-0.0018	0.0002	1.5978	0.2283	0.3194	0.0824	0.1134	1.2902	1.7763											
666	9	10	1.050	12.58	-0.00	3.3965	0.2643	0.4637	0.0984	0.1676	1.0618	1.8078											
		12	-0.0048	-0.0032	-0.0002	1.3955	-0.3792	0.4577	0.0999	0.1648	1.0913	1.8005											
666	10	10	1.052	0.03	-0.00	0.8696	2.1263	-0.0243	-0.0098	-0.0065	2.0308	1.3356											
		12	0.0116	0.0020	0.0049	1.7750	0.9733	-0.0193	-0.0076	-0.0062	1.9648	1.6211											

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd

See Key

667	1	10	1.052	-3.01	-0.00	0.8147	2.1610	-0.0940	-0.0338	-0.0294	-0.0308	1.8005	1.6427
		11	0.0117	0.0019	0.0050	2.0709	1.3255	-0.0849	-0.0294	-0.0293	-0.0308	1.7328	1.7265
		12	0.0093	0.0038	0.0024								
667	2	10	1.051	-0.97	-0.00	0.8723	2.2381	-0.0418	-0.0163	-0.0129	-0.0122	1.9592	1.5522
		11	0.0115	0.0020	0.0051	1.7434	1.1277	-0.0349	-0.0134	-0.0122	-0.0122	1.9290	1.7598
		12	0.0098	0.0034	0.0022								
667	3	10	1.050	0.04	-0.00	0.8131	2.4819	-0.0264	-0.0109	-0.0070	-0.0071	2.0757	1.3308
		11	0.0104	0.0017	0.0052	1.7501	0.8490	-0.0214	-0.0086	-0.0071	-0.0071	2.0256	1.6763
		12	0.0092	0.0032	0.0015								
667	4	10	1.049	0.57	-0.00	0.7295	2.3793	-0.0233	-0.0094	-0.0055	-0.0055	2.0241	1.1929
		11	0.0101	0.0014	0.0048	1.7500	0.7775	-0.0190	-0.0074	-0.0056	-0.0056	1.9448	1.4790
		12	0.0092	0.0032	0.0014								
667	5	10	1.053	1.10	-0.00	0.9798	2.2642	-0.0261	-0.0095	-0.0049	-0.0049	1.8167	0.9366
		11	0.0108	0.0021	0.0049	1.9425	0.9400	-0.0214	-0.0072	-0.0053	-0.0053	1.6903	1.2473
		12	0.0082	0.0032	0.0015								
667	6	10	1.052	3.21	-0.00	0.7939	2.4064	0.0610	0.0168	0.0218	0.0207	1.3760	1.7922
		11	0.0099	0.0015	0.0047	1.9703	0.7608	0.0631	0.0173	0.0207	0.0207	1.3711	1.6436
		12	0.0068	0.0026	0.0010								
667	7	10	1.048	6.28	-0.00	0.3316	2.3305	0.1760	0.0537	0.0619	0.0612	1.5271	1.7584
		11	0.0069	0.0004	0.0032	1.8673	0.1196	0.1781	0.0534	0.0612	0.0612	1.5006	1.7194
		12	0.0055	0.0020	0.0001								
667	8	10	1.052	9.39	-0.00	-2.4724	2.5248	0.3213	0.0809	0.1153	0.1153	1.2603	1.7947
		11	0.0035	-0.0017	0.0018	-1.6413	0.0026	0.3174	0.0820	0.1125	0.1125	1.2914	1.7724
		12	0.0059	0.0019	0.0000								
667	9	10	1.050	12.80	-0.00	4.7145	-0.2489	0.4624	0.0984	0.1668	0.1668	1.0640	1.8039
		11	-0.0026	-0.0025	0.0001	1.5868	-0.8573	0.4545	0.0994	0.1633	0.1633	1.0936	1.7970
		12	0.0045	0.0014	-0.0007								
667	10	10	1.050	0.06	-0.00	0.8591	2.2179	-0.0267	-0.0109	-0.0071	-0.0071	2.0524	1.3412
		11	0.0111	0.0019	0.0049	1.7502	0.9207	-0.0222	-0.0067	-0.0070	-0.0070	1.9785	1.5880
		12	0.0092	0.0032	0.0016								
666	1	10	1.050	-3.00	-0.00	0.7880	2.3535	-0.0968	-0.0349	-0.0317	-0.0317	1.8042	1.6417
		11	0.0107	0.0017	0.0050	2.1400	1.2956	-0.0873	-0.0302	-0.0303	-0.0303	1.7332	1.7367
		12	0.0080	0.0034	0.0020								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
66A	2	10	1.050	-0.93	-0.00	0.8219	2.1957	-0.0427	-0.0167	-0.0129	1.9538	1.5125						
		11	0.0109	0.0018	0.0048	1.7504	0.9925	-0.0366	-0.0143	-0.0128	1.9506	1.7564						
		12	0.0092	0.0032	0.0018													
66A	3	10	1.049	0.09	-0.00	0.8605	2.2762	-0.0255	-0.0109	-0.0068	2.1432	1.3337						
		11	0.0111	0.0019	0.0050	1.7247	0.9393	-0.0214	-0.0088	-0.0070	2.0626	1.6542						
		12	0.0090	0.0031	0.0017													
66A	4	10	1.050	0.57	-0.00	0.8591	2.2179	-0.0215	-0.0094	-0.0051	2.1876	1.2075						
		11	0.0111	0.0019	0.0049	1.7501	0.8490	-0.0192	-0.0078	-0.0057	2.0464	1.5027						
		12	0.0092	0.0032	0.0015													
66A	5	10	1.047	1.11	-0.00	0.9084	2.2812	-0.0229	-0.0089	-0.0041	1.9531	0.9020						
		11	0.0105	0.0019	0.0048	1.7309	0.7771	-0.0208	-0.0075	-0.0055	1.8123	1.3284						
		12	0.0084	0.0029	0.0013													
66A	6	10	1.051	3.20	-0.00	0.8234	2.2550	0.0555	0.0149	0.0205	1.3481	1.8501						
		11	0.0109	0.0018	0.0049	1.7579	0.6074	0.0585	0.0161	0.0194	1.3828	1.6636						
		12	0.0064	0.0022	0.0007													
66A	7	10	1.050	6.31	-0.00	0.3208	2.4139	0.1777	0.0541	0.0623	1.5242	1.7529						
		11	0.0072	0.0004	0.0035	1.7135	0.4709	0.1797	0.0536	0.0613	1.4924	1.7074						
		12	0.0069	0.0023	0.0006													
66A	8	10	1.048	9.39	-0.00	-4.4100	3.2220	0.3198	0.0808	0.1144	1.2636	1.7897						
		11	0.0030	-0.0026	0.0019	1.6416	-0.2754	0.3169	0.0820	0.1122	1.2945	1.7706						
		12	0.0046	0.0015	-0.0002													
66A	9	10	1.049	12.60	-0.00	2.4220	1.3197	0.4620	0.0979	0.1668	1.0593	1.8057						
		11	-0.0088	-0.0043	-0.0023	1.5177	0.0028	0.4525	0.0991	0.1627	1.0959	1.7983						
		12	0.0061	0.0018	0.0000													
66A	10	10	1.051	0.05	-0.00	0.8370	2.2171	-0.0278	-0.0116	-0.0075	2.0908	1.3612						
		11	0.0114	0.0019	0.0050	1.7502	0.9207	-0.0228	-0.0093	-0.0075	2.0458	1.6609						
		12	0.0092	0.0032	0.0016													
669	5	10	1.048	-3.11	-0.00	0.9847	2.2282	-0.0738	-0.0222	-0.0246	1.5044	1.6668						
		11	-0.0131	0.0025	0.0058	1.5061	2.2145	-0.0770	-0.0265	-0.0273	1.7241	1.7767						
		12	-0.0135	-0.0040	-0.0059													
669	6	10	1.045	-0.02	-0.00	1.1653	2.1147	0.0112	0.0037	0.0033	1.6655	1.4760						
		11	0.0154	0.0035	0.0065													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
			12	-0.0022	-0.0008	-0.0016	1.8596	3.8114	-0.0011	-0.0010	-0.0011	4.6670	5.0754							
669	7		10	1.048	0.51	-0.00														
			11	0.0165	0.0041	0.0068	1.2474	2.0777	0.0223	0.0074	0.0072	1.6670	1.6261							
			12	-0.00004	-0.00002	-0.0010	3.2551	11.2902	0.0072	0.0020	0.0025	1.4241	1.7701							
669	8		10	1.043	-0.01	-0.00														
			11	0.0149	0.0034	0.0063	1.1659	2.1393	0.0112	0.0037	0.0034	1.6661	1.5360							
			12	-0.00025	-0.0010	-0.0019	2.0248	3.8089	-0.0013	-0.0011	-0.0012	4.4574	4.9002							
669	9		10	1.043	1.01	-0.00														
			11	0.0167	0.0040	0.0070	1.2062	2.1024	0.0333	0.0114	0.0114	1.7131	1.7078							
			12	0.0006	0.0000	-0.0009	0.1595	-6.7400	0.0180	0.0055	0.0059	1.5334	1.6427							
669	10		10	1.050	2.07	-0.00														
			11	0.0210	0.0054	0.0084	1.2926	1.9972	0.0634	0.0211	0.0213	1.6648	1.6831							
			12	0.0022	0.0004	-0.0003	0.9756	-0.8590	0.0502	0.0139	0.0158	1.3885	1.5823							
669	11		10	1.050	3.11	-0.00														
			11	0.0228	0.0056	0.0093	1.2382	2.0342	0.0958	0.0318	0.0326	1.6635	1.7024							
			12	0.0024	0.0007	-0.0002	1.5413	-0.5176	0.0842	0.0243	0.0272	1.4480	1.6181							
669	12		10	1.048	4.15	-0.00														
			11	0.0211	0.0056	0.0089	1.3433	2.1131	0.1273	0.0419	0.0436	1.6493	1.7131							
			12	0.0037	0.0009	-0.0001	1.3067	-0.1701	0.1145	0.0348	0.0379	1.5218	1.6559							
669	13		10	1.049	-0.04	-0.00														
			11	0.0145	0.0034	0.0066	1.1924	2.2717	0.0095	0.0030	0.0026	1.6160	1.3842							
			12	-0.00020	-0.0007	-0.0012	1.7557	3.1448	-0.0029	-0.0017	-0.0017	3.0565	3.0471							
670	3		10	1.047	-3.10	-0.00														
			11	0.0124	0.0029	0.0054	1.1669	2.1862	-0.0632	-0.0268	-0.0277	1.6108	1.6680							
			12	-0.0136	-0.0047	-0.0058	1.7271	2.1344	-0.0693	-0.0220	-0.0246	1.5873	1.7775							
670	4		10	1.047	-0.04	-0.00														
			11	0.0183	0.0046	0.0071	1.2737	1.9442	-0.0015	-0.0007	-0.0000	2.4251	0.0018							
			12	-0.00047	-0.0014	-0.0018	1.5319	1.8974	0.0111	0.0037	0.0023	1.6551	1.0359							
670	5		10	1.049	0.47	-0.00														
			11	0.0198	0.0053	0.0074	1.3511	1.8728	0.0103	0.0028	0.0045	1.3816	2.1884							
			12	-0.00018	-0.0006	-0.0013	1.6344	3.4485	0.0221	0.0072	0.0062	1.6424	1.3992							
670	6		10	1.047	1.00	-0.00														

← See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
670	7	10	11	12	0.0198	-0.0006	0.0051	-0.0010	0.0078	1.3017	1.9783	0.0254	0.0076	0.0113	0.0090	1.5073	1.7778	
	11	12	3.1858	0.0002	-0.0002	0.0085	0.0002	-0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
670	8	10	11	12	1.049	0.0230	2.07	0.0062	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
	11	12	0.0015	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
670	9	10	11	12	1.048	0.0233	3.12	0.0062	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
	11	12	0.0037	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
670	10	10	11	12	1.048	0.0207	4.18	0.0053	0.0010	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	11	12	0.0053	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
671	1	10	11	12	1.045	0.0182	-0.0014	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	11	12	0.0044	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014
671	2	10	11	12	1.051	0.0079	-3.10	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	11	12	0.0096	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
671	3	10	11	12	1.050	0.0061	-0.0001	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	11	12	0.0092	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034
671	4	10	11	12	1.047	0.0050	0.49	0.0000	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	11	12	0.0092	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034
671	5	10	11	12	1.049	0.0045	-2.06	0.0006	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	11	12	0.0084	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033
671	6	10	11	12	1.044	0.0021	3.12	0.0015	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	11	12	0.0074	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
671	7	10	1.048	4.14	-0.0019	-1.8156	2.9259	0.1183	0.0375	0.0406	1.5862	1.7184	0.0033	-0.0012	0.0013	1.8487	0.7710	0.1244	0.0397	0.0414	1.5960	1.6668
671	8	10	1.049	-0.002	-0.0037	-0.1476	3.0521	-0.0006	-0.0005	0.0003	4.3666	-3.1359	0.0062	-0.0001	0.0018	1.8214	0.9369	0.0102	0.0033	0.0019	1.6089	0.9473
672	1	10	1.048	-3.09	-0.00	0.2138	2.5775	-0.0637	-0.0279	-0.0282	1.6681	1.6862	0.0066	0.0003	0.0026	1.6667	1.3153	-0.0674	-0.0279	-0.0259	1.5409	1.7741
672	2	10	1.045	-0.002	-0.0034	-0.4864	3.1715	-0.0021	-0.0010	-0.0002	2.5879	0.6339	0.0053	-0.0005	0.0015	-1.8210	0.8015	0.0127	0.0040	-0.0022	1.5943	0.8671
672	3	10	1.050	0.47	-0.0033	-0.1570	2.7380	0.0104	0.0027	0.0041	1.3107	1.9696	0.0062	-0.0001	0.0018	-1.8802	0.9664	0.0247	0.0079	0.0067	1.6010	1.3603
672	4	10	1.049	1.03	-0.00	-0.1601	2.6330	0.0245	0.0071	0.0085	1.4505	1.7336	0.0061	-0.0001	0.0018	-1.8099	0.8773	0.0371	0.0120	0.0111	1.6172	1.4976
672	5	10	1.048	2.06	-0.0024	-1.5375	3.5091	0.0533	0.0159	0.0183	1.4945	1.7173	0.0035	-0.0010	0.0014	-1.8736	0.8310	0.0658	0.0205	0.0208	1.5620	1.5803
672	6	10	1.048	3.13	-0.0018	-2.3141	3.1908	0.0664	0.0264	0.0295	1.5287	1.7071	0.0028	-0.0013	0.0013	-1.8230	0.7879	0.0955	0.0304	0.0312	1.5934	1.6374
672	7	10	1.049	4.15	-0.0014	-1.9286	2.6409	0.1190	0.0372	0.0407	1.5651	1.7105	0.0034	-0.0013	0.0014	-1.8232	0.8677	0.1275	0.0408	0.0425	1.5025	1.6701
672	8	10	1.048	-0.003	-0.0037	-0.1397	2.7854	-0.0024	-0.0013	-0.0002	2.6496	0.5405	0.0067	-0.0001	0.0018	-1.8346	1.0051	0.0129	0.0040	-0.0025	1.5559	0.9988
673	1	10	1.046	-3.11	-0.00	-0.2702	2.7408	-0.0823	-0.0271	-0.0278	1.6471	1.6905	0.0075	-0.0004	0.0037	-1.7113	1.3182	-0.0687	-0.0217	-0.0247	1.5831	1.7993

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
673	2	10	1.044	-0.003	-0.000	3.9316	-0.0004	-0.0006	0.0000	6.6715	-0.0040									
		11	0.0036	-0.0011	0.0028	0.9568	0.0104	0.0032	0.0019	1.5623	-0.9207									
		12	0.0115	0.0043	0.0022	1.8577	0.0004	-0.0032	0.0019	6.6715	-0.9207									
673	3	10	1.049	0.47	-0.00	6.8053	0.0116	0.0031	0.0046	1.3479	1.9787									
		11	0.0019	-0.0014	0.0025	0.9664	0.0223	0.0068	0.0060	1.5427	1.3486									
		12	0.0114	0.0043	0.0022	1.9255	0.0000	0.0079	0.0104	1.4834	1.6373									
673	4	10	1.045	1.02	-0.00	12.5301	0.0266	0.0079	0.0088	1.5623	1.6373									
		11	0.0008	-0.0019	0.0023	0.9682	0.0361	0.0112	0.0104	1.4834	1.6373									
		12	0.0120	0.0046	0.0023	1.9102	0.0000	0.0079	0.0104	1.5623	1.6373									
673	5	10	1.047	2.05	-0.00	11.7036	0.0551	0.0165	0.0187	1.5047	1.6990									
		11	0.0006	-0.0022	0.0014	1.9810	0.0646	0.0200	0.0200	1.5461	1.5473									
		12	0.0102	0.0040	0.0020	1.0092	0.0000	0.0200	0.0200	1.5461	1.5473									
673	6	10	1.045	3.09	-0.00	12.8915	0.0879	0.0271	0.0298	1.5427	1.6990									
		11	-0.0011	-0.0030	0.0005	1.9046	0.0944	0.0297	0.0304	1.5749	1.6132									
		12	-0.0104	0.0039	0.0018	1.9046	0.0000	0.0297	0.0304	1.5749	1.6132									
673	7	10	1.048	4.15	-0.00	75.0492	0.1192	0.0376	0.0406	1.5780	1.7043									
		11	0.0000	-0.0026	0.0006	0.8964	0.1256	0.0398	0.0415	1.5844	1.6531									
		12	0.0094	0.0035	0.0016	1.8799	0.0000	0.0376	0.0415	1.5844	1.6531									
673	8	10	1.050	-0.003	-0.00	3.5111	-0.0013	-0.0009	-0.0002	3.7183	1.0016									
		11	0.0039	-0.0008	0.0027	1.9425	0.0095	0.0028	0.0015	1.5029	0.8135									
		12	0.0125	0.0048	0.0023	1.9425	0.0000	0.0028	0.0015	1.5029	0.8135									
674	1	10	1.048	-3.09	-0.00	2.4554	-0.0851	-0.0288	-0.0296	1.6943	1.6855									
		11	0.0082	0.0001	0.0040	1.3822	-0.0664	-0.0206	-0.0237	1.5511	1.7849									
		12	0.0142	0.0048	0.0039	1.6945	0.0000	-0.0206	-0.0237	1.5511	1.7849									
674	2	10	1.050	-0.002	-0.00	3.4222	-0.0045	-0.0020	-0.0011	2.2425	1.3069									
		11	0.0043	-0.0007	0.0029	1.0650	0.0136	0.0041	0.0025	1.5058	0.9425									
		12	0.0116	0.0045	0.0024	1.9432	0.0000	0.0041	0.0025	1.5058	0.9425									
674	3	10	1.047	0.47	-0.00	3.5776	0.0059	0.0012	0.0026	1.0533	2.2508									
		11	0.0036	-0.0011	0.0026	0.9820	0.0260	0.0083	0.0068	1.6027	1.5165									
		12	0.0113	0.0043	0.0022	1.9079	0.0000	0.0083	0.0068	1.6027	1.5165									
674	4	10	1.049	1.02	-0.00	9.2206	0.0204	0.0053	0.0072	1.3141	1.7839									
		11	0.0010	-0.0018	0.0019	-8.7288	0.0000	0.0053	0.0072	1.3141	1.7839									
		12	0.0101	0.0018	0.0019	-8.7288	0.0000	0.0053	0.0072	1.3141	1.7839									

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
			←															→
				See Key														
674	5	12	0.0101	0.0039	0.0020	1.9624	1.0273	0.0390	0.0126	0.0112	1.6182	1.4387						
			1.048	2.05	-0.0010													
			-0.0004	-0.0026	0.0010	28.8300	-1.5028	0.0535	0.0157	0.0181	1.4668	1.6974						
			0.0100	0.0038	0.0019	1.9428	0.9797	0.0682	0.0215	0.0211	1.5756	1.5509						
674	6	10	1.046	3.10	-0.001													
			-0.0019	-0.0031	0.0001	8.0664	-0.3182	0.0853	0.0255	0.0288	1.4975	1.6907						
			0.0112	0.0038	0.0020	1.7311	0.9346	0.0978	0.0314	0.0314	1.6072	1.6068						
674	7	10	1.049	4.15	-0.003													
			0.0000	-0.0028	0.0003													
			0.0112	0.0041	0.0019	1.8197	0.8702	0.1160	0.0359	0.0393	1.5499	1.6976						
674	8	10	1.047	-0.002	-0.000													
			0.0041	-0.0010	0.0028	-1.3090	3.4753	-0.0039	-0.0018	-0.0009	2.3402	1.1838						
			0.0117	0.0044	0.0024	1.8762	1.0546	0.0143	0.0043	0.0029	1.5110	1.0361						
675	6	10	1.051	-3.09	0.000													
			0.0043	-0.0016	0.0033	-1.8476	3.8501	-0.0798	-0.0266	-0.0272	1.6660	1.7033						
			0.0199	0.0073	0.0060	1.8283	1.5217	-0.0680	-0.0221	-0.0239	1.6266	1.7629						
675	7	10	1.050	-0.003	-0.000													
			-0.0025	-0.0033	0.0014	6.4781	-2.7905	0.0022	0.0002	0.0010	0.6528	2.3417						
			0.0138	0.0057	0.0031	2.0569	1.1271	0.0099	0.0029	0.0020	1.4826	1.0366						
675	8	10	1.053	0.47	-0.000													
			-0.0038	-0.0035	0.0010	4.6478	-1.3718	0.0136	0.0037	0.0047	1.3889	1.7421						
			0.0122	0.0054	0.0027	2.2301	1.1079	0.0219	0.0066	0.0060	1.5185	1.3708						
675	9	10	1.051	1.03	-0.000													
			-0.0057	-0.0039	0.0002	3.4856	-0.2362	0.0236	0.0068	0.0081	1.4451	1.7249						
			0.0109	0.0050	0.0023	2.3003	1.1808	0.0328	0.0102	0.0096	1.5554	1.4636						
675	10	10	1.050	2.06	-0.000													
			-0.0103	-0.0055	-0.0014	2.6787	0.6821	0.0555	0.0168	0.0189	1.5195	1.7065						
			0.0091	0.0043	0.0019	2.3487	1.0603	0.0638	0.0198	0.0201	1.5566	1.5761						
675	11	10	1.052	3.14	-0.000													
			-0.0119	-0.0063	-0.0028	2.6558	1.1910	0.0895	0.0275	0.0298	1.5364	1.6662						
			0.0079	0.0040	0.0016	2.5843	1.0614	0.0935	0.0297	0.0304	1.5878	1.6272						
675	12	10	1.053	4.16	-0.000													

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																							
	11		-0.0075	-0.0054	-0.0019	5.6290	1.2914	0.1180	0.0369	0.0399	1.5672	1.6909													
	12		0.0078	0.0038	0.0012	2.4618	0.6202	0.1227	0.0390	0.0407	1.5917	1.6592													
675	13																								
	10		1.054	-0.01	-0.00	6.4555	-3.3690	-0.0003	-0.0007	-0.0001	10.3157	1.7556													
	11		-0.0023	-0.0030	0.0015	2.1863	1.2272	0.0095	0.0027	0.0016	1.4263	0.8716													
	12		0.0137	0.0060	0.0033																				
676	1																								
	10		1.052	-3.11	-0.00	-1.3900	3.6408	-0.0890	-0.0313	-0.0305	1.7572	1.7126													
	11		0.0046	-0.0012	0.0033	1.7667	1.5102	-0.0638	-0.0199	-0.0230	1.5636	1.8052													
	12		0.0220	0.0077	0.0066																				
676	2																								
	10		1.051	-0.01	-0.00	9.2868	-4.5822	-0.0070	-0.0033	-0.0017	2.3884	1.2296													
	11		-0.0015	-0.0029	0.0014	2.1155	1.1848	0.0173	0.0054	0.0037	1.5755	1.0725													
	12		0.0137	0.0058	0.0032																				
676	3																								
	10		1.052	0.48	-0.00	5.0383	-1.2969	0.0046	0.0004	0.0019	0.5147	2.1384													
	11		-0.0035	-0.0035	0.0009	2.1263	1.1595	0.0287	0.0093	0.0076	1.6228	1.3393													
	12		0.0128	0.0054	0.0029																				
676	4																								
	10		1.053	1.00	-0.00	3.6571	-0.0070	0.0163	0.0038	0.0114	1.1736	1.8102													
	11		-0.0056	-0.0041	0.0000	2.1263	1.1595	0.0401	0.0133	0.0114	1.6681	1.4196													
	12		0.0128	0.0054	0.0029																				
676	5																								
	10		1.053	2.07	-0.00	2.5352	0.8223	0.0481	0.0131	0.0160	1.3602	1.6664													
	11		-0.0109	-0.0055	-0.0017	2.3526	1.1088	0.0687	0.0221	0.0215	1.6124	1.5631													
	12		0.0105	0.0049	0.0023																				
676	6																								
	10		1.051	3.13	-0.00	2.4482	1.2128	0.0839	0.0244	0.0276	1.4546	1.6463													
	11		-0.0138	-0.0067	-0.0033	2.1221	1.1180	0.1011	0.0326	0.0323	1.6155	1.6007													
	12		0.0098	0.0041	0.0022																				
676	7																								
	10		1.053	4.16	-0.00	3.5541	1.2795	0.1150	0.0349	0.0386	1.5195	1.6788													
	11		-0.0085	-0.0061	-0.0022	2.0589	1.0854	0.1310	0.0422	0.0433	1.6130	1.6537													
	12		0.0101	0.0041	0.0021																				
676	8																								
	10		1.050	-0.03	-0.00	8.6570	-4.8840	-0.0101	-0.0047	-0.0030	2.3319	1.6286													
	11		-0.0017	-0.0029	0.0016	2.0339	1.2326	0.0166	0.0050	0.0030	1.5144	0.9236													
	12		0.0152	0.0061	0.0037																				
677	1																								
	10		1.054	-3.10	-0.00	-3.4096	3.7051	-0.0827	-0.0282	-0.0240	1.7085	1.7650													
	11		0.0040	-0.0027	0.0029	1.9298	1.6060	-0.0643	-0.0216	-0.0240	1.6801	1.8637													
	12		0.0364	0.0140	0.0117																				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																			
677	2	10	1.054	-0.003	-0.0020	2.8990	0.7313	-0.0004	-0.0012	-0.0009	12.8985	9.8310									
		11	-0.0142	-0.0082	-0.0020	2.2903	1.3847	0.0106	0.0026	0.0014	1.2361	0.6669									
		12	0.0217	0.0099	0.0060																
677	3	10	1.049	0.48	-0.00	2.6812	0.9264	0.0116	0.0026	0.0030	1.1387	1.3271									
		11	-0.0183	-0.0098	-0.0034	2.2626	1.2847	0.0247	0.0069	0.0059	1.4086	1.2083									
		12	0.0200	0.0090	0.0051																
677	4	10	1.049	1.01	-0.00	2.4635	1.1063	0.0229	0.0062	0.0068	1.3546	1.4941									
		11	-0.0226	-0.0111	-0.0050	2.3423	1.3172	0.0366	0.0108	0.0098	1.4797	1.3383									
		12	0.0170	0.0079	0.0044																
677	5	10	1.051	2.06	0.00	2.2012	1.3754	0.0532	0.0162	0.0175	1.4681	1.5896									
		11	-0.0298	-0.0131	-0.0082	2.5948	1.2918	0.0658	0.0201	0.0202	1.5053	1.5122									
		12	0.0123	0.0064	0.0031																
677	6	10	1.051	3.12	0.00	2.1278	1.6175	0.0896	0.0271	0.0289	1.5147	1.6143									
		11	-0.0340	-0.0144	-0.0110	2.6412	1.2117	0.0988	0.0308	0.0308	1.5619	1.5621									
		12	0.0113	0.0060	0.0027																
677	7	10	1.050	4.15	0.00	2.2560	1.6204	0.1148	0.0353	0.0373	1.5394	1.6240									
		11	-0.0289	-0.0130	-0.0093	2.5510	1.2993	0.1291	0.0394	0.0415	1.5277	1.6100									
		12	0.0110	0.0056	0.0028																
677	8	10	1.049	-0.02	-0.00	3.0277	0.8167	0.0006	-0.0009	-0.0006	-6.9866	-5.1333									
		11	-0.0143	-0.0086	-0.0023	2.2152	1.4310	0.0125	0.0030	0.0018	1.2160	0.7213									
		12	0.0219	0.0097	0.0062																
678	1	10	1.051	-3.10	-0.00	12.4199	7.3111	-0.0916	-0.0337	-0.0320	1.8411	1.7488									
		11	0.0013	-0.0032	0.0019	1.8448	1.5858	-0.0460	-0.0130	-0.0183	1.4189	1.9887									
		12	0.0368	0.0136	0.0116																
678	2	10	1.053	-0.02	-0.00	2.9572	0.7496	-0.0162	-0.0083	-0.0060	2.5510	1.8683									
		11	-0.0128	-0.0076	-0.0019	2.2218	1.4192	0.0286	0.0098	0.0060	1.7106	1.8908									
		12	0.0219	0.0097	0.0062																
678	3	10	1.052	0.50	-0.00	2.7556	0.9426	-0.0099	-0.0058	-0.0029	2.9509	1.4668									
		11	-0.0164	-0.0090	-0.0030	2.3096	1.3962	0.0391	0.0136	0.0101	1.7455	1.2929									
		12	0.0171	0.0079	0.0047																
678	4	10	1.047	1.00	-0.00	2.6264	1.1321	-0.0020	-0.0028	0.0005	6.9083	-1.2747									
		11	-0.0200	-0.0105	-0.0045	2.4112	1.3179	-0.0503	-0.0175	0.0137	1.7401	1.5689									
		12	-0.0143	0.0069	0.0037																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
678	5	10	1.050	2.09	-0.00	2.1821	1.4392	0.0312	0.0069	0.0104	1.1099	1.6644									
	11	11	-0.0273	-0.0119	-0.0078	2.2869	1.3597	0.0786	0.0264	0.0238	1.6842	1.5171									
	12	12	0.0143	0.0065	0.0036																
67A	6	10	1.047	3.12	-0.00	2.0892	1.5701	0.0685	0.0172	0.0216	1.2608	1.5795									
	11	11	-0.0313	-0.0130	-0.0098	2.0913	1.2667	0.1090	0.0363	0.0344	1.6644	1.5776									
	12	12	0.0133	0.0055	0.0033																
67A	7	10	1.050	4.16	-0.00	2.4168	1.6236	0.0991	0.0280	0.0324	1.4156	1.6332									
	11	11	-0.0274	-0.0132	-0.0089	2.0323	1.3546	0.1452	0.0459	0.0471	1.5824	1.6226									
	12	12	0.0133	0.0054	0.0036																
678	8	10	1.049	-0.01	-0.00	3.2448	0.8315	-0.0157	-0.0079	-0.0056	2.5328	1.8045									
	11	11	-0.0124	-0.0080	-0.0020	2.1940	1.4052	0.0292	0.0100	0.0064	1.7087	1.0939									
	12	12	0.0212	0.0093	0.0059																
679	3	10	1.051	-3.15	0.00	0.1754	2.8590	-0.0785	-0.0251	-0.0262	1.5992	1.6744									
	11	11	0.0075	0.0002	0.0042	1.5503	1.0660	-0.0644	-0.0200	-0.0224	1.5531	1.7423									
	12	12	0.0055	0.0017	0.0011																
679	4	10	1.050	-0.07	0.00	-0.0576	3.2680	0.0085	0.0024	0.0026	1.4366	1.5624									
	11	11	0.0058	-0.0000	0.0037	-0.6413	0.9077	0.0200	0.0069	0.0049	1.7192	1.2246									
	12	12	0.0072	0.0023	0.0013																
679	5	10	1.052	0.00	-0.00	0.1185	3.0329	0.0096	0.0029	0.0035	1.5426	1.8560									
	11	11	0.0064	0.0001	0.0039	1.7581	0.7095	0.0221	0.0076	0.0056	1.7219	1.2832									
	12	12	0.0064	0.0022	0.0009																
679	6	10	1.050	0.98	-0.00	0.0256	2.8112	0.0327	0.0110	0.0115	1.6844	1.7666									
	11	11	0.0062	0.0000	0.0035	1.8262	0.8655	0.0422	0.0145	0.0130	1.7251	1.5458									
	12	12	0.0068	0.0024	0.0011																
679	7	10	1.048	-2.03	-0.00	-0.3175	2.9780	0.0618	0.0203	0.0210	1.6453	1.7003									
	11	11	0.0048	-0.0003	0.0028	-1.7139	0.7556	0.0702	0.0235	0.0224	1.6766	1.5961									
	12	12	0.0069	0.0023	0.0010																
679	8	10	1.047	3.09	0.00	-0.4120	2.4952	0.0910	0.0297	0.0312	1.6344	1.7176									
	11	11	0.0052	-0.0004	0.0026	-1.7216	0.8356	0.0990	0.0328	0.0326	1.6603	1.6478									
	12	12	0.0062	0.0021	0.0010																
679	9	10	1.047	4.12	-0.00	-0.1664	2.4227	0.1204	0.0393	0.0416	1.6330	1.7269									
	11	11	0.0061	-0.0002	0.0029	-1.7384	0.7584	0.1278	0.0419	0.0431	1.6395	1.6888									
	12	12	0.0077	0.0027	0.0011																

See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
679	10	10	1.049	-0.005	-0.0039	0.1039	2.7775	0.0096	0.0029	0.0034	1.5419	1.7060								
		11	0.0070	0.0001	0.0039	1.7141	0.9469	0.0213	0.0073	0.0050	1.7141	1.1798								
		12	0.0069	0.0023	0.0013															
680	1	10	1.050	-3.11	-0.00	0.1754	2.8590	-0.0828	-0.0271	-0.0276	1.6408	1.6682								
		11	0.0075	0.0002	0.0042	1.6413	1.1127	-0.0691	-0.0219	-0.0240	1.5871	1.7370								
		12	0.0058	0.0019	0.0013															
680	2	10	1.050	-0.003	-0.00	-0.0574	2.9645	0.0027	0.0003	0.0014	0.7313	2.6794								
		11	0.0063	-0.0000	0.0037	1.7794	0.8084	0.0134	0.0042	0.0032	1.5584	1.9919								
		12	0.0072	0.0025	0.0011															
680	3	10	1.049	0.002	-0.00	-0.1587	2.9858	0.0033	0.0006	0.0015	0.9069	2.3573								
		11	0.0058	-0.0001	0.0035	1.7140	0.8511	0.0135	0.0042	0.0030	1.5587	1.1435								
		12	0.0068	0.0023	0.0011															
680	4	10	1.048	1.00	-0.00	0.0276	2.8818	0.0268	0.0083	0.0092	1.5615	1.7242								
		11	0.0065	0.0000	0.0037	1.8377	1.0066	0.0368	0.0120	0.0111	1.6373	1.5201								
		12	0.0071	0.0026	0.0014															
680	5	10	1.050	2.05	-0.00	-0.4167	3.1723	0.0552	0.0174	0.0190	1.5778	1.7370								
		11	0.0048	-0.0004	0.0031	1.8573	0.8429	0.0655	0.0209	0.0206	1.5963	1.5727								
		12	0.0069	0.0025	0.0011															
680	6	10	1.049	3.09	-0.00	-0.6562	3.0847	0.0859	0.0274	0.0296	1.5991	1.7223								
		11	0.0048	-0.0006	0.0029	1.6981	1.0335	0.0935	0.0300	0.0305	1.6062	1.6349								
		12	0.0087	0.0029	0.0018															
680	7	10	1.045	4.15	-0.00	-0.6693	2.6839	0.1173	0.0380	0.0402	1.6220	1.7138								
		11	0.0048	-0.0006	0.0025	1.6752	0.7066	0.1244	0.0401	0.0414	1.6120	1.6650								
		12	0.0073	0.0024	0.0010															
680	8	10	1.050	-2.12	-0.00	-0.1312	3.0718	-0.0514	-0.0169	-0.0175	1.6442	1.7936								
		11	0.0067	-0.0001	0.0041	1.7798	0.9906	-0.0396	-0.0126	-0.0145	1.5925	1.8321								
		12	0.0071	0.0025	0.0014															
680	9	10	1.048	-0.003	-0.00	-0.2635	3.4885	0.0002	-0.0005	0.0003	11.2969	7.9182								
		11	0.0054	-0.0002	0.0037	1.8099	0.8773	0.0139	0.0041	0.0026	1.4726	0.9693								
		12	0.0074	0.0026	0.0013															
681	1	10	1.047	-3.12	-0.00	-0.1369	2.8810	-0.0830	-0.0276	-0.0277	1.6651	1.6706								
		11	0.0068	-0.0001	0.0039															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
661	2	10	12	0.0072	0.0023	0.0015	1.6415	1.0922	-0.0704	-0.0227	-0.0248	1.6160	1.7645							
		11		1.048	-0.003	-0.0036	-0.2377	2.8945	-0.0009	-0.0007	0.0001	3.9171	-0.6742							
		12		0.0066	0.0030	0.0015	1.7585	0.9147	0.0098	0.0028	0.0019	1.4547	0.9889							
661	3	10	11	1.048	0.002	-0.0039	0.0916	2.5615	-0.0011	-0.0008	-0.0002	3.8313	1.1694							
		11	12	0.0076	0.0028	0.0014	1.7682	0.9076	0.0102	0.0029	0.0020	1.4384	1.0067							
661	4	10	11	1.048	1.01	-0.0035	-0.1539	2.8428	0.0239	0.0071	0.0081	1.4875	1.6917							
		11	12	0.0062	-0.0001	0.0014	1.8102	0.9663	0.0340	0.0105	0.0100	1.5427	1.4806							
661	5	10	11	1.050	2.05	-0.0031	-0.3784	2.8318	0.0558	0.0172	0.0189	1.5461	1.7014							
		11	12	0.0055	-0.0004	0.0013	1.7386	0.8436	0.0646	0.0200	0.0204	1.5492	1.5791							
661	6	10	11	1.048	3.11	-0.0029	-0.3656	2.5756	0.0865	0.0272	0.0290	1.5723	1.6818							
		11	12	0.0058	-0.0004	0.0014	1.7387	0.9291	0.0922	0.0291	0.0303	1.5812	1.6470							
661	7	10	11	1.047	4.14	-0.0029	-0.4979	2.8074	0.1184	0.0381	0.0409	1.6091	1.6991							
		11	12	0.0053	-0.0005	0.0023	1.6702	0.7506	0.1226	0.0391	0.0409	1.5952	1.6703							
661	8	10	11	1.050	-0.003	-0.0039	-0.0546	2.8053	-0.0033	-0.0015	-0.0006	2.2263	0.9784							
		11	12	0.0069	-0.0000	0.0015	1.7966	0.9690	0.0089	0.0025	0.0016	1.4108	0.9356							
662	1	10	11	1.050	3.10	-0.0041	0.0908	2.6294	-0.0867	-0.0293	-0.0295	1.6933	1.7016							
		11	12	0.0079	0.0001	0.0015	1.7389	1.0148	-0.0730	-0.0241	-0.0259	1.6541	1.7747							
662	2	10	11	1.048	-0.002	-0.0037	0.0177	2.5372	-0.0055	-0.0022	-0.0014	2.0488	1.3248							
		11	12	0.0077	0.0026	0.0016	1.7390	1.1007	0.0044	0.0010	0.0005	1.1853	0.5815							
662	3	10	11	1.048	0.01	-0.0038	0.0861	2.4654	-0.0033	-0.0019	-0.0006	2.2263	0.9784							
		11	12	0.0079	0.0001	0.0016	1.7313	1.0136	-0.0068	-0.0019	-0.0014	1.4520	1.0295							
662	4	10		1.050	1.03	-0.00														

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
682	5	11	0.0057	-0.0004	0.0033	-0.3552	2.9103	0.0190	0.0052	0.0068	1.3831	1.8053									
		12	0.0072	0.0025	0.0014	1.7798	0.9906	0.0299	0.0089	0.0088	1.4980	1.4813									
682	6	10	1.049	2.08	-0.00	-0.7552	3.0144	0.0510	0.0153	0.0173	1.5030	1.6953									
		11	0.0049	-0.0007	0.0029	1.7024	0.7944	0.0592	0.0179	0.0185	1.5129	1.5625									
682	6	12	0.0081	0.0027	0.0013	-1.7386	0.8436	0.0902	0.0279	0.0295	1.5595	1.7014									
		10	1.050	3.14	-0.00	-0.3474	2.5567	0.0845	0.0263	0.0287	1.5503	1.6349									
682	7	11	0.0060	-0.0004	0.0031	-1.6086	0.9372	0.1143	0.0361	0.0392	1.5819	1.7158									
		12	0.0077	0.0026	0.0013	-0.6261	2.7813	0.1210	0.0381	0.0403	1.5765	1.6674									
682	8	10	1.048	4.17	-0.00	-0.2296	2.7644	-0.0055	-0.0022	-0.0013	2.0470	1.2032									
		11	0.0051	-0.0006	0.0028	1.7025	0.8748	0.0049	0.0013	0.0007	1.3829	0.7799									
683	10	12	0.0076	0.0024	0.0014	0.3997	2.2708	-0.0720	-0.0258	-0.0247	1.7963	1.7332									
		10	1.047	-0.0003	-0.00	1.9825	1.2664	-0.0611	-0.0211	-0.0211	1.7313	1.7332									
683	11	11	0.0065	0.0006	0.0038	2.6176	2.0645	-0.0104	-0.0040	-0.0045	1.9318	2.1688									
		12	0.0081	0.0027	0.0014	2.0501	1.0625	0.0007	0.0001	-0.0019	1.2863	14.0022									
683	12	10	0.898	-3.11	-0.00	0.2604	2.0020	0.0124	0.0041	0.0035	1.6665	1.4408									
		11	0.0084	0.0006	0.0030	1.9985	0.9289	0.0194	0.0071	0.0051	1.8275	1.3265									
683	13	12	0.0060	0.0024	0.0015	2.0983	2.0068	0.0213	0.0074	0.0071	1.7422	1.6833									
		10	0.897	0.47	-0.00	2.0300	1.0105	0.0294	0.0108	0.0088	1.8400	1.4959									
683	14	11	0.0068	0.0001	0.0027	2.1896	2.0539	0.0296	0.0105	0.0099	1.7847	1.6832									
		12	0.0053	0.0021	0.0010	2.2725	0.9114	0.0399	0.0146	0.0119	1.8360	1.4992									
683	15	10	0.898	0.96	-0.00	-0.0074	1.6643	0.0864	0.0311	0.0291	1.7989	1.6853									
		11	0.0070	0.0002	0.0029	-2.0930	0.6716	0.0953	0.0341	0.0310	1.8278	1.6662									
683	15	12	0.0042	0.0019	0.0007	-0.0024	0.0006	0.0024	0.0006	0.0006											
		10	0.898	3.07	-0.00	0.0000	0.0019														

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																														
683	16	10	0.697	-0.0000	6.17	-0.0022	-0.0057	1.7250	0.1900	0.0636	0.0661	1.6752	1.7398	0.0066	0.0645	0.1131	1.4768	1.7706	0.0033	0.0014	0.0004	2.0784	0.6823	0.1910	0.0645	0.0666	1.6894	1.7434					
	11	10	0.898	-0.0010	9.27	-0.0018	-1.0756	1.8636	0.3195	0.0943	0.1131	1.4768	1.7706	0.0048	0.0009	0.0003	-2.9950	-0.9997	0.3165	0.0934	0.1133	1.4765	1.7909	0.0015	0.0009	-0.0003	-2.9950	-0.9997	0.3165	0.0934	0.1133	1.4765	1.7909
	12	10	0.897	-0.0002	12.46	0.0016	-0.2963	1.8834	0.4239	0.0686	0.1494	0.8098	1.7625	0.0044	0.0014	0.0003	-1.7134	0.3766	0.4269	0.0722	0.1517	0.8098	1.7770	0.0040	0.0014	0.0003	-1.7134	0.3766	0.4269	0.0722	0.1517	0.8098	1.7770
683	19	10	0.899	-0.0006	0.06	-0.0027	0.1866	1.9455	0.0124	0.0041	0.0037	1.6671	1.5044	0.0070	0.0017	0.0006	2.2306	0.7661	0.0194	0.0070	0.0051	1.6671	1.5044	0.0040	0.0017	0.0006	2.2306	0.7661	0.0194	0.0070	0.0051	1.6671	1.5044
	11	10	0.896	-0.0009	3.10	-0.0038	0.4650	1.9310	-0.0747	-0.0273	-0.0255	1.8297	1.7051	0.0098	0.0020	0.0013	1.9904	1.3603	-0.0652	-0.0232	-0.0225	1.8297	1.7251	0.0050	0.0020	0.0013	1.9904	1.3603	-0.0652	-0.0232	-0.0225	1.8297	1.7251
	12	10	0.899	-0.0018	1.08	-0.0038	0.5041	2.0781	-0.0194	-0.0071	-0.0043	1.8425	1.8446	0.0091	0.0018	0.0010	2.0970	1.1842	-0.0091	-0.0030	-0.0043	1.8425	1.8446	0.0045	0.0018	0.0010	2.0970	1.1842	-0.0091	-0.0030	-0.0043	1.8425	1.8446
684	3	10	0.897	-0.0005	0.05	-0.0033	0.3408	2.1421	0.0053	0.0013	0.0017	1.2608	1.5893	0.0078	0.0005	0.0010	1.9017	0.9481	0.0124	0.0043	0.0031	1.7494	1.2790	0.0056	0.0021	0.0010	1.9017	0.9481	0.0124	0.0043	0.0031	1.7494	1.2790
	11	10	0.899	0.0050	0.50	-0.0028	0.1896	2.0539	0.0173	0.0058	0.0060	1.6967	1.7474	0.0070	0.0017	0.0009	2.0501	1.0625	0.0244	0.0086	0.0072	1.7743	1.4861	0.0043	0.0017	0.0009	2.0501	1.0625	0.0244	0.0086	0.0072	1.7743	1.4861
	12	10	0.896	0.0000	0.99	-0.0026	0.0041	2.0656	0.0280	0.0095	0.0092	1.7081	1.6445	0.0063	0.0017	0.0007	2.0488	0.8830	0.0357	0.0129	0.0111	1.8113	1.5529	0.0043	0.0017	0.0007	2.0488	0.8830	0.0357	0.0129	0.0111	1.8113	1.5529
684	6	10	0.901	0.0002	3.09	-0.0025	0.1622	1.6706	0.0863	0.0309	0.0287	1.7926	1.6660	0.0077	0.0017	0.0007	2.0488	0.8830	0.0901	0.0325	0.0299	1.8059	1.6614	0.0043	0.0017	0.0007	2.0488	0.8830	0.0901	0.0325	0.0299	1.8059	1.6614
	11	10	0.898	0.0002	6.18	-0.0024	0.1695	1.6462	0.1862	0.0623	0.0648	1.6745	1.7415	0.0074	0.0002	0.0024	0.1695	1.6462	0.1862	0.0623	0.0648	1.6745	1.7415	0.0074	0.0002	0.0024	0.1695	1.6462	0.1862	0.0623	0.0648	1.6745	1.7415
	11	10	0.898	0.0002	6.18	-0.0024	0.1695	1.6462	0.1862	0.0623	0.0648	1.6745	1.7415	0.0074	0.0002	0.0024	0.1695	1.6462	0.1862	0.0623	0.0648	1.6745	1.7415	0.0074	0.0002	0.0024	0.1695	1.6462	0.1862	0.0623	0.0648	1.6745	1.7415

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
684	8	10	12	0.0049	0.0019	0.0007	1.9417	0.7816	0.1874	0.0631	0.0651	1.6848	1.7365							
				0.898	9.28	-0.00														
				0.0035	-0.0014	0.0016	-2.0199	2.3552	0.3205	0.0942	0.1137	1.4695	1.7740							
				0.0043	0.0015	0.0004	1.7787	0.5373	0.3178	0.0938	0.1132	1.4769	1.7813							
684	9	10	10	0.900	12.46	0.00	-0.2693	2.0651	0.4258	0.0690	0.1498	0.8109	1.7597							
				0.0048	-0.0002	0.0019	1.3297	0.6094	0.4292	0.0724	0.1520	0.8440	1.7714							
				0.0038	0.0010	0.0004														
684	10	10	10	0.900	-0.04	-0.00	0.4574	1.9481	0.0067	0.0017	0.0020	1.2915	1.5087							
				0.0086	0.0007	0.0033	2.1386	1.1307	0.0130	0.0044	0.0031	1.7221	1.2239							
				0.0047	0.0020	0.0010														
685	1	10	10	0.900	-3.10	-0.00	0.4670	2.0084	-0.0773	-0.0284	-0.0263	1.8393	1.7034							
				0.0099	0.0009	0.0039	1.9904	1.3603	-0.0678	-0.0243	-0.0233	1.7952	1.7210							
				0.0050	0.0020	0.0013														
685	2	10	10	0.898	-1.07	-0.00	0.5352	1.8004	-0.0215	-0.0079	-0.0072	1.8500	1.6749							
				0.0097	0.0010	0.0035	1.9894	1.2063	-0.0124	-0.0041	-0.0053	1.6758	2.1291							
				0.0051	0.0020	0.0012														
685	3	10	10	0.898	-0.03	-0.00	0.3900	1.9069	0.0008	-0.0001	0.0004	-0.9144	2.9076							
				0.0084	0.0006	0.0032	1.9885	1.0530	0.0090	0.0031	0.0021	1.7299	1.1792							
				0.0051	0.0020	0.0010														
685	4	10	10	0.898	0.52	-0.00	0.3924	1.9981	0.0132	0.0040	0.0045	1.5113	1.7096							
				0.0084	0.0006	0.0033	2.2725	0.9114	0.0220	0.0075	0.0065	1.7243	1.4868							
				0.0042	0.0019	0.0007														
685	5	10	10	0.900	1.00	-0.00	0.3355	1.9469	0.0264	0.0088	0.0087	1.6673	1.6562							
				0.0078	0.0005	0.0030	1.9424	0.9135	0.0329	0.0116	0.0103	1.7730	1.5686							
				0.0058	0.0022	0.0010														
685	6	10	10	0.897	3.09	-0.00	0.0878	1.8024	0.0828	0.0294	0.0277	1.7775	1.6717							
				0.0072	0.0001	0.0026	2.3673	0.4724	0.0866	0.0312	0.0287	1.8032	1.6614							
				0.0032	0.0015	0.0003														
685	7	10	10	0.897	6.18	-0.00	-0.2069	2.0927	0.1831	0.0614	0.0631	1.6779	1.7248							
				0.0062	-0.0002	0.0028	1.9962	0.5546	0.1864	0.0628	0.0643	1.6864	1.7261							
				0.0041	0.0016	0.0004														
685	8	10	10	0.898	9.30	-0.00														

See Key →

TABLE VIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
685	9	10	0.0052	-0.0010	0.0019	-1.0034	1.0852	0.3149	0.0931	0.1116	1.4794	1.7724						
	11	12	0.0039	0.0015	0.0006	1.9417	0.7816	0.3149	0.0934	0.1123	1.4837	1.7842						
685	10	10	0.896	12.45	-0.00	-0.3508	1.8949	0.4228	0.0698	0.1481	0.8260	1.7515						
	11	12	0.0056	-0.0003	0.0021	1.9367	-0.2524	0.4260	0.0720	0.1506	0.8458	1.7602						
685	10	10	0.897	-0.04	-0.00	0.2604	2.0020	0.0018	0.0002	0.0004	0.6538	1.3034						
	11	12	0.0076	0.0003	0.0030	2.0476	0.7047	0.0098	0.0033	0.0022	1.7223	1.1647						
686	1	10	0.897	-3.06	-0.00	0.3906	1.8285	-0.0774	-0.0287	-0.0268	1.8548	1.7325						
	11	12	0.0100	0.0007	0.0036	1.9438	1.1792	-0.0589	-0.0250	-0.0236	1.8141	1.7167						
686	2	10	0.899	-1.04	-0.00	0.5904	1.8384	-0.0253	-0.0094	-0.0087	1.8656	1.7267						
	11	12	0.0099	0.0011	0.0036	1.9425	0.9400	-0.0155	-0.0054	-0.0062	1.7424	1.9942						
686	3	10	0.896	-6.01	-0.00	0.4376	1.8720	-0.0014	-0.0008	-0.0006	3.0588	2.1322						
	11	12	0.0089	0.0007	0.0033	1.9017	0.9481	0.0067	0.0023	0.0013	1.7635	1.0135						
686	4	10	0.898	0.52	-0.00	0.4309	1.6153	0.0082	0.0024	0.0032	1.5053	1.9760						
	11	12	0.0089	0.0007	0.0028	1.8707	0.9543	0.0149	0.0052	0.0045	1.7486	1.5277						
686	5	10	0.896	1.03	-0.00	0.3014	1.6971	0.0221	0.0072	0.0078	1.6459	1.7638						
	11	12	0.0085	0.0005	0.0029	2.2306	0.7661	0.0299	0.0103	0.0094	1.7186	1.5727						
686	6	10	0.898	3.09	-0.00	0.1529	1.5980	0.0822	0.0289	0.0275	1.7601	1.6777						
	11	12	0.0080	0.0002	0.0025	1.9017	0.9481	0.0851	0.0302	0.0280	1.7745	1.6474						
686	7	10	0.899	6.20	-0.00	0.1705	1.9672	0.1842	0.0616	0.0635	1.6744	1.7242						
	11	12	0.0077	0.0002	0.0030	2.1344	0.6416	0.1855	0.0625	0.0642	1.6864	1.7303						
686	8	10	0.899	9.30	-0.00	-1.0810	1.7067	0.3176	0.0935	0.1122	1.4722	1.7672						
	11	12	0.0048	-0.0010	0.0016	-2.1308	0.2135	0.3150	0.0933	0.1122	1.4807	1.7808						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																	
686	9	10	0.0899	-12.466	0.0012	-1.1462	1.4916	0.4243	0.0696	0.1489	0.6201	1.7545								
		11	0.0040	-0.0009	0.0012	1.8771	0.2062	0.4274	0.0721	0.1515	0.6443	1.7727								
		12	0.0037	0.0014	0.0001															
686	10	10	0.9000	-0.0003	-0.0000	0.3190	1.8636	-0.0010	-0.0006	-0.0003	3.0428	1.4638								
		11	0.0081	0.0005	0.0030	1.9876	0.9006	0.0061	0.0022	0.0013	1.8224	1.1055								
		12	0.0051	0.0020	0.0009															
686	11	10	0.6998	-3.068	-0.0000	0.5038	1.9730	-0.0807	-0.0304	-0.0279	1.8819	1.7321								
		11	0.0104	0.0010	0.0041	1.9087	1.1584	-0.0731	-0.0270	-0.0250	1.8467	1.7129								
		12	0.0066	0.0025	0.0015															
686	12	10	0.6977	-1.003	-0.0000	0.5503	1.7893	-0.0295	-0.0111	-0.0098	1.8841	1.6712								
		11	0.0106	0.0011	0.0038	1.9017	0.9481	-0.0208	-0.0075	-0.0077	1.8130	1.6525								
		12	0.0056	0.0021	0.0010															
687	1	10	0.6999	0.0000	-0.0000	0.4976	1.8280	-0.0082	-0.0035	-0.0021	2.1366	1.3167								
		11	0.0091	0.0009	0.0033	1.8307	0.8622	-0.0030	-0.0009	-0.0007	1.6327	1.2388								
		12	0.0062	0.0022	0.0010															
687	2	10	0.6999	0.52	-0.0000	0.3062	1.8768	-0.0013	-0.0007	0.0007	2.9333	-2.9390								
		11	0.0085	0.0005	0.0031	1.8307	0.8622	0.0060	0.0022	0.0024	1.8205	-1.9086								
		12	0.0062	0.0022	0.0010															
687	3	10	0.6999	1.04	-0.0000	0.4775	1.7608	0.0122	0.0038	0.0049	1.5763	2.0299								
		11	0.0094	0.0009	0.0033	1.8702	0.8336	0.0189	0.0066	0.0063	1.7529	1.6710								
		12	0.0064	0.0024	0.0010															
687	4	10	0.6977	3.11	-0.0000	0.1582	1.7876	0.0792	0.0273	0.0266	1.7270	1.6794								
		11	0.0080	0.0002	0.0028	1.8557	0.4196	0.0814	0.0284	0.0269	1.7450	1.6551								
		12	0.0055	0.0020	0.0004															
687	5	10	0.6999	6.19	-0.0000	0.1705	1.9672	0.1828	0.0611	0.0628	1.6730	1.7192								
		11	0.0077	0.0002	0.0030	1.8919	0.6524	0.1830	0.0615	0.0631	1.6825	1.7244								
		12	0.0047	0.0017	0.0006															
687	6	10	0.9011	9.31	-0.0000	-0.8076	1.4362	0.3111	0.0922	0.1097	1.4829	1.7628								
		11	0.0058	-0.0009	0.0016	-1.8905	0.3255	0.3115	0.0925	0.1109	1.4858	1.7809								
		12	0.0047	0.0017	0.0003															
687	7	10	0.6999	12.46	0.0000	-5.0132	1.2016	0.4239	0.0698	0.1485	0.8234	1.7514								
		11	0.0018	-0.0018	0.0004	-1.5923	0.1299	0.4270	0.0717	0.1510	0.8403	1.7684								
		12	0.0060	0.0019	0.0001															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
687	8	10	0.899	-0.01	-0.00	0.3851	1.7245	-0.0079	-0.0033	-0.0023	2.0911	1.4883								
		11	0.0004	0.0006	0.0029	1.7311	0.9346	-0.0033	-0.0009	-0.0010	1.4570	1.5696								
		12	0.0066	0.0022	0.0012															
688	1	10	0.898	-3.07	-0.00	0.6338	1.7914	-0.0872	-0.0329	-0.0300	1.8862	1.7235								
		11	0.0124	0.0015	0.0047	1.9130	1.1097	-0.0784	-0.0292	-0.0269	1.8638	1.7165								
		12	0.0076	0.0029	0.0016															
689	2	10	0.899	-1.00	-0.00	0.4193	1.8016	-0.0355	-0.0137	-0.0121	1.9277	1.7014								
		11	0.0093	0.0007	0.0033	1.8099	0.6773	-0.0279	-0.0103	-0.0100	1.8518	1.7961								
		12	0.0070	0.0025	0.0012															
690	3	10	0.899	-0.01	-0.00	0.4376	1.8720	-0.0169	-0.0068	-0.0051	2.0272	1.5302								
		11	0.0090	0.0007	0.0033	1.8711	1.0755	-0.0131	-0.0047	-0.0039	1.8113	1.5052								
		12	0.0064	0.0024	0.0013															
691	4	10	0.899	0.56	-0.00	0.3190	1.8636	-0.0109	-0.0044	-0.0022	2.0440	1.0092								
		11	0.0082	0.0005	0.0030	1.7308	0.6987	-0.0069	-0.0022	-0.0007	1.6358	0.5400								
		12	0.0066	0.0022	0.0009															
692	5	10	0.899	1.02	-0.00	0.3724	1.8306	-0.0017	-0.0014	0.0017	4.1117	-4.9049								
		11	0.0087	0.0006	0.0032	1.9076	0.9235	0.0040	0.0011	0.0030	1.4733	-3.7877								
		12	0.0066	0.0025	0.0012															
693	6	10	0.899	3.12	-0.00	0.4803	1.6959	0.0708	0.0234	0.0239	1.6536	1.6899								
		11	0.0108	0.0010	0.0036	1.8299	0.6139	0.0750	0.0254	0.0245	1.6968	1.6352								
		12	0.0062	0.0023	0.0007															
694	7	10	0.899	6.24	-0.00	-0.0014	1.8739	0.1811	0.0604	0.0623	1.6684	1.7285								
		11	0.0073	-0.0000	0.0027	-0.0014	0.6357	0.1799	0.0606	0.0622	1.6851	1.7282								
		12	0.0060	0.0021	0.0007	1.7878														
695	8	10	0.899	9.30	-0.00	-3.1282	1.0776	0.3147	0.0928	0.1111	1.4745	1.7665								
		11	0.0027	-0.0017	0.0005	-1.7306	0.5815	0.3115	0.0926	0.1108	1.4868	1.7797								
		12	0.0066	0.0022	0.0007															
696	9	10	0.898	12.46	0.00	-2.5506	1.5895	0.4236	0.0688	0.1489	0.8123	1.7575								
		11	0.0028	-0.0014	0.0009	-1.5606	0.5261	0.4272	0.0721	0.1508	0.8439	1.7682								
		12	0.0073	0.0022	0.0007															
697	10	10	0.899	-0.00	-0.00	0.4775	1.7608	-0.0172	-0.0068	-0.0050	1.9841	1.4534								
		11	0.0095	0.0009	0.0033															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
689	1	12	0.0075	0.0026	0.0012	1.7583	0.8119	-0.0128	-0.0046	-0.0039	1.7913	1.5305								
		10	0.697	-3.02	-0.00															
		11	0.0108	0.0010	0.0038	0.4822	1.7670	-0.0878	-0.0333	-0.0306	1.8976	1.7430								
		12	0.0065	0.0026	0.0016	2.0518	1.3034	-0.0820	-0.0304	-0.0279	1.8530	1.7015								
689	2	10	0.899	-0.99	-0.00															
		11	0.0168	0.0013	0.0038	0.5988	1.7538	-0.0377	-0.0144	-0.0128	1.9105	1.7018								
		12	0.0070	0.0025	0.0013	1.8103	0.9886	-0.0305	-0.0113	-0.0107	1.8516	1.7610								
689	3	10	0.897	0.00	-0.00															
		11	0.0106	0.0011	0.0035	0.5466	1.6454	-0.0206	-0.0082	-0.0064	2.0016	1.5603								
		12	0.0066	0.0022	0.0009	1.7308	0.6987	-0.0152	-0.0056	-0.0048	1.8437	1.5936								
689	4	10	0.900	0.58	-0.00															
		11	0.0103	0.0011	0.0036	0.5687	1.7759	-0.0141	-0.0055	-0.0028	1.9700	0.9962								
		12	0.0073	0.0025	0.0013	1.7218	0.9414	-0.0124	-0.0041	-0.0027	1.6570	1.0927								
689	5	10	0.901	1.07	-0.00															
		11	0.0096	0.0007	0.0031	0.4002	1.6567	-0.0089	-0.0036	-0.0006	2.0573	0.3512								
		12	0.0068	0.0024	0.0010	1.7715	0.7907	-0.0077	-0.0025	-0.0000	1.6384	-0.0089								
689	6	10	0.899	3.14	-0.00															
		11	0.0110	0.0011	0.0036	0.5295	1.6626	0.0660	0.0211	0.0223	1.6049	1.6896								
		12	0.0052	0.0019	0.0007	1.8095	0.7297	0.0699	0.0230	0.0229	1.6510	1.6384								
689	7	10	0.897	6.24	-0.00															
		11	0.0095	0.0005	0.0028	0.2626	1.5102	0.1795	0.0599	0.0617	1.6686	1.7197								
		12	0.0045	0.0016	0.0004	1.8376	0.5117	0.1771	0.0596	0.0611	1.6827	1.7253								
689	8	10	0.897	9.33	-0.00															
		11	0.0046	-0.0012	0.0010	-1.2922	1.1267	0.3127	0.0923	0.1104	1.4764	1.7658								
		12	0.0064	0.0021	0.0004	-1.6872	0.3602	0.3104	0.0924	0.1100	1.4893	1.7724								
689	9	10	0.899	12.48	0.00															
		11	0.0045	-0.0010	0.0010	-1.1827	1.1610	0.4253	0.0697	0.1490	0.8201	1.7526								
		12	0.0058	0.0017	0.0001	-1.5396	0.1346	0.4274	0.0723	0.1512	0.8466	1.7697								
689	10	10	0.897	0.02	-0.00															
		11	0.0093	0.0007	0.0033	0.4193	1.8016	-0.0198	-0.0079	-0.0062	2.0158	1.5814								
		12	0.0068	0.0024	0.0010	1.7715	0.7907	-0.0149	-0.0054	-0.0048	1.8270	1.6166								
690	3	10	0.899	-3.00	-0.00															

← See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																	
690	4	11	0.0090	0.0010	0.0039	0.5868	2.1933	-0.0890	-0.0332	-0.0294	1.8660	1.6533						
		12	0.0045	0.0019	0.0012	2.0984	1.3570	-0.0839	-0.0309	-0.0284	1.8441	1.6955						
		10	0.900	-0.98	-0.00	0.4378	2.3773	-0.0377	-0.0140	-0.0115	1.8530	1.5314						
		11	0.0077	0.0006	0.0036	1.8933	0.9030	-0.0313	-0.0111	-0.0105	1.7804	1.6893						
		12	0.0046	0.0017	0.0009	0.4581	2.3863	-0.0204	-0.0077	-0.0053	1.8850	1.3012						
690	5	10	0.899	0.03	-0.00	1.8788	0.6184	-0.0158	-0.0053	-0.0046	1.6872	1.4821						
		11	0.0073	0.0006	0.0035	0.5353	2.5198	-0.0140	-0.0050	-0.0023	1.8028	0.8388						
		12	0.0037	0.0014	0.0004	1.8382	0.5835	-0.0111	-0.0033	-0.0024	1.5019	1.0610						
690	6	10	0.898	0.55	-0.00	0.5275	2.2179	-0.0125	-0.0041	-0.0012	1.6539	0.5000						
		11	0.0076	0.0008	0.0038	1.9974	0.7411	-0.0101	-0.0027	-0.0011	1.3473	0.5884						
		12	0.0045	0.0016	0.0006	0.4837	2.2153	0.0630	0.0205	0.0225	1.6274	1.7899						
690	7	10	0.899	1.06	-0.00	2.2627	0.0017	0.0659	0.0217	0.0227	1.6518	1.7227						
		11	0.0075	0.0007	0.0033	0.2174	2.6257	0.1735	0.0586	0.0606	1.6883	1.7458						
		12	0.0041	0.0016	0.0006	2.4925	-0.3657	0.1744	0.0592	0.0601	1.6968	1.7245						
690	8	10	0.899	3.16	-0.00	-4.8133	4.7523	0.3065	0.0915	0.1095	1.4931	1.7870						
		11	0.0082	0.0008	0.0036	-2.9739	-1.9674	0.3070	0.0921	0.1095	1.4997	1.7844						
		12	0.0028	0.0012	0.0000	-8.5100	6.7189	0.4195	0.0688	0.1479	0.8208	1.7631						
690	9	10	0.898	6.23	-0.00	1.6413	0.4970	0.4221	0.0723	0.1499	0.8575	1.7767						
		11	0.0055	-0.0002	0.0029	0.5353	2.5198	-0.0222	-0.0083	-0.0057	1.8791	1.3042						
		12	0.0020	0.0010	-0.0001	2.0501	1.0625	-0.0173	-0.0058	-0.0052	1.6822	1.5280						
690	10	10	0.898	9.30	-0.00	0.6257	2.3820	-0.0921	-0.0343	-0.0304	1.8639	1.6503						
		11	0.0016	-0.0015	0.0015	2.4890	1.4009	-0.0632	-0.0308	-0.0284	1.8519	1.7120						
		12	0.0015	0.0009	-0.0006	-8.5100	6.7189	0.4195	0.0688	0.1479	0.8208	1.7631						
690	11	10	0.898	12.45	0.00	0.5353	2.5198	-0.0222	-0.0083	-0.0057	1.8791	1.3042						
		11	0.0009	-0.0015	0.0012	2.0501	1.0625	-0.0173	-0.0058	-0.0052	1.6822	1.5280						
		12	0.0046	0.0015	0.0004	0.6257	2.3820	-0.0921	-0.0343	-0.0304	1.8639	1.6503						
690	12	10	0.896	0.03	-0.00	2.4890	1.4009	-0.0632	-0.0308	-0.0284	1.8519	1.7120						
		11	0.0076	0.0008	0.0038	0.5353	2.5198	-0.0222	-0.0083	-0.0057	1.8791	1.3042						
		12	0.0043	0.0017	0.0009	2.0501	1.0625	-0.0173	-0.0058	-0.0052	1.6822	1.5280						
691	1	10	0.898	-2.99	-0.00	0.6257	2.3820	-0.0921	-0.0343	-0.0304	1.8639	1.6503						
		11	0.0096	0.0012	0.0045	2.4890	1.4009	-0.0632	-0.0308	-0.0284	1.8519	1.7120						
		12	0.0038	0.0019	0.0010	0.6257	2.3820	-0.0921	-0.0343	-0.0304	1.8639	1.6503						

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
691	2	10	0.897	-0.98	-0.00	0.4909	2.4918	-0.0400	-0.0147	-0.0124	1.6414	1.5612								
		11	0.0082	0.0008	0.0041	0.1899	1.2218	-0.0339	-0.0121	-0.0114	1.7859	1.6892								
		12	0.0037	0.0016	0.0009															
691	3	10	0.898	0.04	-0.00	0.6468	2.3071	-0.0209	-0.0078	-0.0054	1.8645	1.3041								
		11	0.0092	0.0011	0.0042	0.1363	0.8579	-0.0164	-0.0055	-0.0052	1.6842	1.6001								
		12	0.0035	0.0015	0.0006															
691	4	10	0.899	0.56	-0.00	0.3010	2.5343	-0.0140	-0.0052	-0.0028	1.8880	1.0018								
		11	0.0069	0.0004	0.0035	0.0801	0.9127	-0.0119	-0.0038	-0.0031	1.6077	1.3260								
		12	0.0033	0.0013	0.0006															
691	5	10	0.899	1.05	-0.00	0.6427	2.1424	-0.0109	-0.0037	-0.0009	1.7360	0.4328								
		11	0.0092	0.0011	0.0039	1.9974	0.7411	-0.0094	-0.0027	-0.0016	1.4480	0.6759								
		12	0.0041	0.0016	0.0006															
691	6	10	0.899	3.16	-0.00	0.4621	2.1256	0.0593	0.0190	0.0217	1.6066	1.8292								
		11	0.0086	0.0007	0.0036	1.8933	0.9830	0.0590	0.0192	0.0205	1.6295	1.7372								
		12	0.0046	0.0017	0.0009															
691	7	10	0.897	6.23	-0.00	0.2659	2.2026	0.1777	0.0596	0.0616	1.6790	1.7329								
		11	0.0076	0.0004	0.0033	1.9407	0.5848	0.1741	0.0590	0.0602	1.6954	1.7298								
		12	0.0039	0.0015	0.0004															
691	8	10	0.899	9.32	-0.00	1.7787 ¹	115.1038	0.3063	0.0912	0.1089	1.4889	1.7946								
		11	0.0000	-0.0020	0.0012															
		12	0.0042	0.0015	0.0004															
691	9	10	0.898	12.49	0.00	-3.1856	3.3771	0.4206	0.0688	0.1484	0.8186	1.7649								
		11	0.0020	-0.0012	0.0013	1.9357	-0.5049	0.4236	0.0717	0.1502	0.8469	1.7735								
		12	0.0030	0.0011	-0.0003															
691	10	10	0.896	0.04	-0.00	0.5868	2.1933	-0.0207	-0.0078	-0.0056	1.8977	1.3643								
		11	0.0090	0.0010	0.0039	1.9997	1.1178	-0.0160	-0.0054	-0.0051	1.7044	1.6079								
		12	0.0041	0.0016	0.0009															
692	1	10	0.899	-3.07	-0.00	1.0425	2.0755	-0.0698	-0.0246	-0.0234	1.7619	1.6734								
		11	0.0132	0.0027	0.0054	1.5887	2.0299	-0.0737	-0.0272	-0.0254	1.8445	1.7264								
		12	-0.0124	-0.0039	-0.0050															
692	2	10	0.898	-0.03	-0.00	1.3091	1.9872	0.0092	0.0035	0.0032	1.9000	1.7596								
		11	0.0165	0.0043	0.0065	1.7098	2.3126	-0.0008	-0.0005	-0.0004	1.9000	1.7596								
		12	-0.0039	-0.0013	-0.0018															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																			
692	3	10	0.899	0.51	-0.00	1.2802	1.9007	0.0198	0.0074	0.0071	1.8689	1.8009									
		11	0.0168	0.0043	0.0064	1.8559	2.2908	0.0073	0.0025	0.0028	1.7473	1.9461									
		12	-0.0026	-0.0009	-0.0012																
692	4	10	0.899	1.02	-0.00	1.3472	2.0052	0.0315	0.0115	0.0111	1.8329	1.7742									
		11	0.0175	0.0047	0.0070	3.1377	5.8713	0.0180	0.0062	0.0060	1.7432	1.6763									
		12	-0.0007	-0.0004	-0.0009																
692	5	10	0.899	2.06	-0.00	1.3229	1.8535	0.0623	0.0228	0.0214	1.8345	1.7200									
		11	0.0222	0.0058	0.0082	3.2372	10.4623	0.0483	0.0159	0.0160	1.6541	1.6579									
		12	-0.0003	-0.0002	-0.0007																
692	6	10	0.899	3.09	-0.00	1.3555	1.8014	0.0884	0.0324	0.0303	1.8318	1.7120									
		11	0.0245	0.0066	0.0088	1.1455	-2.5777	0.0769	0.0267	0.0252	1.7402	1.6412									
		12	0.0005	0.0001	-0.0003																
692	7	10	0.899	4.10	-0.00	1.3418	1.9718	0.1226	0.0436	0.0422	1.7800	1.7227									
		11	0.0224	0.0060	0.0088	1.7061	-60.2049	0.1098	0.0384	0.0365	1.7523	1.6657									
		12	0.0000	0.0000	-0.0007																
692	8	10	0.900	-0.03	-0.00	1.3081	1.9410	0.0104	0.0040	0.0039	1.8290	1.8605									
		11	0.0166	0.0043	0.0064	1.7272	2.6288	-0.0015	-0.0007	-0.0006	2.3692	1.9073									
		12	-0.0032	-0.0011	-0.0016																
693	1	10	0.896	-3.10	-0.00	0.8895	2.0098	-0.0782	-0.0284	-0.0264	1.8190	1.6929									
		11	0.0134	0.0023	0.0053	1.5679	2.0630	-0.0680	-0.0248	-0.0239	1.8257	1.7569									
		12	-0.0130	-0.0041	-0.0053																
693	2	10	0.900	-0.03	-0.00	1.1785	1.7430	-0.0007	-0.0002	-0.0000	1.6248	0.0029									
		11	0.0189	0.0044	0.0065	1.2546	1.5607	0.0104	0.0033	0.0022	1.6046	1.0874									
		12	-0.0054	-0.0013	-0.0016																
693	3	10	0.900	0.51	-0.00	1.2379	1.7522	0.0132	0.0046	0.0051	1.7595	1.9461									
		11	0.0201	0.0049	0.0070	1.3195	1.8523	0.0225	0.0077	0.0066	1.7090	1.4842									
		12	-0.0037	-0.0009	-0.0013																
693	4	10	0.902	1.01	-0.00	1.1756	0.6510	0.0263	0.0094	0.0095	1.7921	1.8049									
		11	0.0563	0.0132	0.0073	0.8918	2.3199	0.0341	0.0120	0.0106	1.7590	1.5527									
		12	-0.0019	-0.0003	-0.0009																
693	5	10	0.899	2.06	-0.00	1.2974	1.7802	0.0515	0.0183	0.0179	1.7782	1.7465									
		11	0.0232	0.0060	0.0082																
		12	-0.0003	-0.0002	-0.0007																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key																	
695	1	11	12	0.0065	0.0001	0.0029	0.0012	0.1098	2.2325	0.0009	-0.0000	0.0009	-0.0000	0.0009	-0.1107	4.7083			
				0.0073	0.0029	0.0012	0.0012	2.0055	0.8420	0.0084	0.0030	0.0019	1.7709	1.1662					
695	1	10	11	0.897	-3.10	-0.00	0.0041	0.5038	1.9730	-0.0774	-0.0287	-0.0260	1.8541	1.7432					
				0.0104	0.0010	0.0023	0.0023	2.0015	1.4035	-0.0656	-0.0234	-0.0228	1.7871	1.6811					
695	2	10	11	0.898	-0.003	-0.00	0.0032	0.3381	2.0446	-0.0009	-0.0007	0.0001	4.1237	-0.8274					
				0.0078	0.0005	0.0009	0.0009	2.2419	0.8517	0.0109	0.0038	0.0027	1.7659	1.2483					
695	3	10	11	0.897	0.50	-0.0027	0.0012	-0.2216	2.4973	0.0118	0.0036	0.0048	1.5240	2.0360					
				0.0055	-0.0028	0.0012	0.0012	2.0801	0.9127	0.0235	0.0083	0.0068	1.7679	1.4498					
695	4	10	11	0.898	0.99	-0.0027	0.0007	0.0076	2.1874	0.0244	0.0080	0.0087	1.6462	1.7908					
				0.0062	0.0000	0.0007	0.0007	2.3713	0.7906	0.0354	0.0128	0.0110	1.8041	1.5622					
695	5	10	11	0.897	2.02	-0.0021	0.0007	-0.5129	2.1066	0.0533	0.0183	0.0181	1.7229	1.6974					
				0.0050	-0.0023	0.0007	0.0007	2.3713	0.7906	0.0611	0.0219	0.0197	1.7982	1.6152					
695	6	10	11	0.898	3.09	-0.0018	0.0006	-1.0366	2.0685	0.0818	0.0287	0.0277	1.7536	1.6962					
				0.0047	-0.0020	0.0006	0.0006	2.1344	0.6416	0.0884	0.0320	0.0291	1.8090	1.6467					
695	7	10	11	0.898	4.13	-0.0021	0.0006	-0.4582	1.8505	0.1122	0.0394	0.0386	1.7566	1.7230					
				0.0057	-0.0021	0.0006	0.0006	2.1723	0.6141	0.1198	0.0426	0.0402	1.7797	1.6776					
695	8	10	11	0.898	-0.02	-0.0030	0.0010	0.2054	2.2747	-0.0010	-0.0006	0.0004	2.9533	-2.1350					
				0.0067	0.0025	0.0010	0.0010	2.1366	0.9014	0.0113	0.0038	0.0024	1.7105	1.0735					
696	1	10	11	0.899	-3.11	-0.0038	0.0033	0.2599	2.3933	-0.0759	-0.0282	-0.0257	1.8585	1.6945					
				0.0080	0.0046	0.0033	0.0033	1.9070	1.3804	-0.0674	-0.0241	-0.0233	1.7875	1.7320					
696	2	10	11	0.897	-0.003	-0.0023	0.0016	-0.3872	2.3189	0.0028	0.0004	0.0014	0.8285	2.4453					
				0.0049	-0.0033	0.0016	0.0016	-1.9991	1.0232	0.0102	0.0036	0.0024	1.7761	1.1916					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
696	3	10	0.898	0.0051	-0.0023	-0.5793	2.6179	0.0152	0.0047	0.0053	1.5676	1.7479						
		11	0.0043	-0.0005	0.0015	2.1381	1.0759	0.0234	0.0082	0.0067	1.7566	1.4299						
		12	0.0071	0.0030	0.0015													
696	4	10	0.900	1.02	-0.00	-2.2331	3.2303	0.0271	0.0090	0.0093	1.6673	1.7250						
		11	0.0026	-0.0011	0.0016	1.9991	1.0232	0.0347	0.0125	0.0106	1.8080	1.5301						
		12	0.0082	0.0033	0.0016													
696	5	10	0.900	2.04	-0.00	13.8324	0.0531	0.0182	0.0181	1.7177	1.7042							
		11	0.0001	-0.0022	0.0004	-68.2435	0.0593	0.0213	0.0191	1.7982	1.6109							
		12	0.0062	0.0026	0.0006	2.1638	0.4948											
696	6	10	0.900	3.10	-0.00	-30.8377	-2.1195	0.0859	0.0303	0.0288	1.7655	1.6784						
		11	0.0004	-0.0025	-0.0001	2.1358	0.8037	0.0869	0.0315	0.0289	1.8121	1.6671						
		12	0.0047	0.0020	0.0007													
696	7	10	0.897	4.14	-0.00	-3.7032	1.3977	0.1155	0.0405	0.0389	1.7556	1.6871						
		11	0.0026	-0.0019	0.0007	1.9787	0.6274	0.1183	0.0421	0.0397	1.7816	1.6799						
		12	0.0061	0.0024	0.0007													
696	8	10	0.898	-0.003	-0.00	-0.7517	3.1186	0.0015	-0.0001	0.0004	-0.5222	1.5527						
		11	0.0041	-0.0006	0.0026	1.8873	0.9139	0.0107	0.0037	0.0024	1.7416	1.1295						
		12	0.0084	0.0031	0.0015													
697	1	10	0.897	-3.11	-0.00	0.1661	2.0712	-0.0812	-0.0304	-0.0276	1.8701	1.6998						
		11	0.0081	0.0002	0.0033	1.9459	1.5823	-0.0666	-0.0236	-0.0230	1.7718	1.7310						
		12	0.0116	0.0045	0.0036													
697	2	10	0.898	-0.002	-0.00	-0.5081	2.2576	-0.0017	-0.0010	-0.0000	3.0063	0.0010						
		11	0.0050	-0.0005	0.0022	2.1628	0.9386	0.0136	0.0048	0.0033	1.7824	1.2231						
		12	0.0073	0.0031	0.0013													
697	3	10	0.898	0.50	-0.00	-0.9750	2.7102	0.0104	0.0029	0.0042	1.4227	2.0078						
		11	0.0039	-0.0007	0.0021	2.2486	0.9021	0.0248	0.0090	0.0071	1.8319	1.4374						
		12	0.0068	0.0030	0.0012													
697	4	10	0.897	1.02	-0.00	-4.8133	4.7523	0.0217	0.0070	0.0078	1.6190	1.7987						
		11	0.0016	-0.0015	0.0009	2.2989	0.7891	0.0365	0.0134	0.0112	1.8393	1.5378						
		12	0.0058	0.0026	0.0009													
697	5	10	0.897	-2.02	-0.00	-14.2832	5.1828	0.0492	0.0167	0.0164	1.6990	1.6640						
		11	0.0007	-0.0020	0.0007													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
697	6	12	0.0066	0.0029	0.0012	2.2236	0.9314	0.0610	0.0221	0.0193	1.0131	1.500C										
		10	0.898	3.09	-0.0000																	
		11	0.0001	-0.0026	-0.0000	-66.7808	-0.4345	0.0811	0.0280	0.0269	1.7287	1.6624										
		12	0.0054	0.0024	0.0007	2.2405	0.7083	0.0891	0.0323	0.0294	1.0176	1.6522										
697	7	10	0.899	4.14	-0.0000																	
		11	0.0024	-0.0021	0.0005	-4.3055	1.2075	0.1134	0.0396	0.0385	1.7469	1.6974										
		12	0.0055	0.0022	0.0007	2.0663	0.6911	0.1215	0.0433	0.0406	1.7843	1.6730										
697	8	10	0.897	-0.003	-0.0000																	
		11	0.0045	-0.0006	0.0024	-0.7042	2.7095	-0.0021	-0.0012	-0.0006	3.0428	1.4238										
		12	0.0081	0.0034	0.0015	2.1136	0.9444	0.0114	0.0041	0.0025	1.0128	1.1337										
698	1	10	0.898	-3.07	-0.0000																	
		11	0.0081	0.0002	0.0035	0.1687	2.1655	-0.0773	-0.0289	-0.0261	1.0693	1.6886										
		12	0.0181	0.0067	0.0055	1.8690	1.5211	-0.0666	-0.0236	-0.0232	1.7757	1.7480										
698	2	10	0.899	-0.002	-0.0000																	
		11	0.0003	-0.0022	0.0010	37.2791	-17.4001	0.0039	0.0007	0.0014	0.9059	1.7570										
		12	0.0115	0.0046	0.0024	2.0230	1.0583	0.0105	0.0038	0.0024	1.0257	1.1437										
698	3	10	0.899	0.49	-0.0000																	
		11	0.0010	-0.0025	0.0006	11.7498	-2.8011	0.0152	0.0046	0.0057	1.5117	1.8886										
		12	0.0106	0.0043	0.0021	2.0300	1.0105	0.0218	0.0079	0.0065	1.0183	1.4905										
698	4	10	0.895	1.01	-0.0000																	
		11	0.0018	-0.0028	0.0001	7.5500	-0.3994	0.0259	0.0082	0.0089	1.5997	1.7195										
		12	0.0102	0.0040	0.0021	1.9885	1.0530	0.0319	0.0117	0.0097	1.0329	1.5227										
698	5	10	0.899	2.05	-0.0000																	
		11	0.0088	-0.0051	-0.0019	2.9116	1.1200	0.0546	0.0185	0.0185	1.6992	1.6952										
		12	0.0084	0.0034	0.0018	2.0255	1.0894	0.0594	0.0214	0.0190	1.0025	1.6051										
698	6	10	0.898	3.13	-0.0000																	
		11	0.0109	-0.0062	-0.0035	2.8432	1.6082	0.0843	0.0293	0.0281	1.7430	1.6706										
		12	0.0054	0.0024	0.0007	2.2405	0.7083	0.0877	0.0318	0.0292	1.0134	1.6660										
698	7	10	0.898	4.12	-0.0000																	
		11	0.0045	-0.0046	-0.0021	5.1413	2.3692	0.1146	0.0399	0.0384	1.7429	1.6776										
		12	0.0053	0.0021	0.0006	2.0271	0.5740	0.1188	0.0422	0.0397	1.7753	1.6706										
698	8	10	0.898	-0.002	-0.0000																	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key																								
699	1	10	11	12	0.0009	-0.0019	0.0012	-10.1540	6.3769	0.0014	-0.0001	0.0006	-0.5294	2.0906	11	12	0.0131	0.0051	0.0029	1.9787	1.1109	0.0090	0.0033	0.0021	1.8581	1.1690
699	1	10	11	12	0.898	-3.07	-0.00	0.1511	1.9934	-0.0809	-0.0305	-0.0276	1.8846	1.7079	11	12	0.0087	0.0002	0.0035	1.9199	1.5326	-0.0608	-0.0212	-0.0211	1.7459	1.7370
699	2	10	11	12	0.900	-0.01	-0.00	32.9565	-11.8000	-0.0024	-0.0016	-0.0000	3.4476	0.0004	11	12	-0.0003	-0.0025	0.0009	2.1221	1.1180	0.0162	0.0062	0.0039	1.9198	1.2103
699	3	10	11	12	0.899	0.49	-0.00	67.2534	-21.0166	0.0044	0.0008	0.0024	0.9328	2.7734	11	12	-0.0001	-0.0024	0.0007	2.2570	1.0400	0.0259	0.0098	0.0075	1.8897	1.4559
699	4	10	11	12	0.900	1.01	-0.00	6.7082	0.3438	0.0177	0.0052	0.0064	1.4794	1.8056	11	12	-0.0023	-0.0031	-0.0001	2.3733	0.9510	0.0394	0.0147	0.0118	1.8694	1.5060
699	5	10	11	12	0.898	2.06	-0.00	3.5332	1.6723	0.0479	0.0152	0.0158	1.5890	1.6508	11	12	-0.0064	-0.0045	-0.0021	2.2721	0.8745	0.0645	0.0237	0.0204	1.8406	1.5850
699	6	10	11	12	0.898	3.12	-0.00	3.3044	1.9962	0.0803	0.0274	0.0266	1.7078	1.6594	11	12	-0.0081	-0.0053	-0.0032	2.1619	0.8330	0.0941	0.0344	0.0309	1.8305	1.6458
699	7	10	11	12	0.899	4.12	-0.00	5.7050	2.3228	0.1099	0.0380	0.0372	1.7289	1.6948	11	12	-0.0040	-0.0028	-0.0018	2.1946	0.7195	0.1238	0.0441	0.0414	1.7845	1.6743
699	8	10	11	12	0.899	2.12	-0.00	-0.5360	2.5861	-0.0533	-0.0204	-0.0182	1.9169	1.8559	11	12	0.0059	-0.0067	0.0046	1.9312	1.3292	-0.0339	-0.0112	-0.0126	1.6559	1.7101
699	9	10	11	12	0.900	-0.02	-0.00	-4.1224	3.0966	-0.0041	-0.0023	-0.0009	2.7758	1.1305	11	12	0.0022	-0.0018	0.0013	2.1381	1.0759	0.0157	0.0059	0.0038	1.8753	1.2105
700	1	10	11	12	0.899	-3.09	-0.00	-0.2795	1.9531	-0.0762	-0.0286	-0.0260	1.8774	1.7089	11	12	0.0070	-0.0003	0.0027	1.9459	1.5823	-0.0652	-0.0229	-0.0227	1.7612	1.7449

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
700	2	10	0.899	-0.0079	-0.0054	-0.0013	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0037
		11	-0.0194	0.0077	0.0047	0.0047	0.0015	-0.0008	0.0032	-0.0008	0.0015	0.0008	-0.0008	0.0032	-0.0008	0.0015	0.0008	-0.0008	0.0032	-0.0008	0.0015	0.0008
		12	0.0194	-0.0077	-0.0047	-0.0047	0.0015	-0.0008	0.0032	-0.0008	0.0015	-0.0008	0.0032	-0.0008	0.0015	-0.0008	0.0032	-0.0008	0.0015	-0.0008	0.0032	0.0037
700	3	10	0.901	-0.0149	0.0077	0.0033	0.0033	0.0049	0.0063	0.0042	0.0157	0.0042	0.0063	0.0042	0.0157	0.0042	0.0063	0.0042	0.0157	0.0042	0.0063	1.5875
		11	-0.0162	0.0064	-0.0036	-0.0036	0.0049	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	1.4274
		12	0.0162	-0.0064	0.0036	0.0036	0.0049	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	0.0063	0.0042	1.4274
700	4	10	0.901	-0.0174	0.0086	0.0041	0.0041	0.0087	0.0097	0.0077	0.0256	0.0077	0.0097	0.0077	0.0256	0.0077	0.0097	0.0077	0.0256	0.0077	0.0097	1.6994
		11	-0.0153	0.0060	-0.0033	-0.0033	0.0087	0.0097	0.0077	0.0097	0.0087	0.0097	0.0077	0.0097	0.0087	0.0097	0.0077	0.0097	0.0087	0.0097	0.0077	1.5394
		12	0.0153	-0.0060	0.0033	0.0033	0.0087	0.0097	0.0077	0.0097	0.0087	0.0097	0.0077	0.0097	0.0087	0.0097	0.0077	0.0097	0.0087	0.0097	0.0077	1.5394
700	5	10	0.899	-0.0248	0.0114	0.0078	0.0078	0.0181	0.0193	0.0181	0.0546	0.0181	0.0193	0.0181	0.0546	0.0181	0.0193	0.0181	0.0546	0.0181	0.0193	1.6566
		11	-0.0114	0.0045	-0.0026	-0.0026	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	1.6102
		12	0.0114	-0.0045	0.0026	0.0026	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	0.0193	0.0181	1.6102
700	6	10	0.900	-0.0281	0.0126	0.0099	0.0099	0.0290	0.0296	0.0290	0.0846	0.0290	0.0296	0.0290	0.0846	0.0290	0.0296	0.0290	0.0846	0.0290	0.0296	1.6414
		11	-0.0087	0.0035	-0.0015	-0.0015	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	1.6442
		12	0.0087	-0.0035	0.0015	0.0015	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	0.0296	0.0290	1.6442
700	7	10	0.898	-0.0228	0.0111	0.0081	0.0081	0.0387	0.0408	0.0387	0.1125	0.0387	0.0408	0.0387	0.1125	0.0387	0.0408	0.0387	0.1125	0.0387	0.0408	1.6827
		11	-0.0079	0.0033	-0.0015	-0.0015	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	1.6800
		12	0.0079	-0.0033	0.0015	0.0015	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	0.0408	0.0387	1.6800
700	8	10	0.901	-0.0099	0.0078	0.0047	0.0047	0.0009	0.0021	0.0009	0.0045	0.0009	0.0021	0.0009	0.0045	0.0009	0.0021	0.0009	0.0045	0.0009	0.0021	1.0282
		11	-0.0099	0.0078	-0.0047	-0.0047	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	1.1589
		12	0.0099	-0.0078	0.0047	0.0047	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	0.0021	0.0009	1.1589
701	1	10	0.899	-0.0079	-0.0006	0.0025	0.0025	-0.0336	-0.0300	-0.0336	-0.0879	-0.0336	-0.0300	-0.0336	-0.0879	-0.0336	-0.0300	-0.0336	-0.0879	-0.0336	-0.0300	1.7101
		11	0.0079	0.0006	-0.0025	-0.0025	-0.0336	-0.0300	-0.0336	-0.0300	-0.0879	-0.0336	-0.0300	-0.0336	-0.0300	-0.0336	-0.0300	-0.0336	-0.0300	-0.0336	-0.0300	1.7930
		12	-0.0079	-0.0006	0.0025	0.0025	-0.0336	-0.0300	-0.0336	-0.0300	-0.0879	-0.0336	-0.0300	-0.0336	-0.0300	-0.0336	-0.0300	-0.0336	-0.0300	-0.0336	-0.0300	1.7930
701	2	10	0.900	-0.0072	0.0056	0.0042	0.0042	0.0063	0.0065	0.0063	0.0254	0.0063	0.0065	0.0063	0.0254	0.0063	0.0065	0.0063	0.0254	0.0063	0.0065	1.4340
		11	-0.0072	0.0056	-0.0042	-0.0042	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	1.2827
		12	0.0072	-0.0056	0.0042	0.0042	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	0.0065	0.0063	1.2827
701	3	10	0.898	-0.0098	0.0066	0.0036	0.0036	0.0033	0.0101	0.0033	0.0055	0.0033	0.0101	0.0033	0.0055	0.0033	0.0101	0.0033	0.0055	0.0033	0.0101	0.7086
		11	-0.0098	0.0066	-0.0036	-0.0036	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	1.4500
		12	0.0098	-0.0066	0.0036	0.0036	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	0.0101	0.0033	1.4500
701	4	10	0.896	-0.0143	0.0058	0.0029	0.0029	0.0002	0.0143	0.0002	0.0034	0.0002	0.0143	0.0002	0.0034	0.0002	0.0143	0.0002	0.0034	0.0002	0.0143	4.2887
		11	-0.0143	0.0058	-0.0029	-0.0029	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	1.9089
		12	0.0143	-0.0058	0.0029	0.0029	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	0.0143	0.0002	1.9089

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
701	5	10	0.897	2.05	-0.00	2.4052	1.5747	0.0331	0.0101	0.0114	1.5294	1.7195								
	11	12	-0.0219	-0.0105	-0.0069	2.4654	1.0703	0.0719	0.0270	0.0228	1.8793	1.5846								
	12	12	0.0093	0.0046	0.0019															
701	6	10	0.896	3.08	-0.00	2.3090	1.7232	0.0650	0.0203	0.0217	1.5630	1.6707								
	11	12	-0.0262	-0.0121	-0.0090	2.2285	1.0698	0.0992	0.0365	0.0325	1.8432	1.6393								
	12	12	0.0105	0.0047	0.0023															
701	7	10	0.898	4.14	-0.00	2.5096	1.8067	0.0997	0.0334	0.0330	1.6745	1.6567								
	11	12	-0.0220	-0.0110	-0.0079	2.3294	1.1917	0.1342	0.0476	0.0449	1.7762	1.6726								
	12	12	0.0090	0.0041	0.0021															
701	8	10	0.899	-0.003	-0.00	4.1736	0.8283	-0.0140	-0.0066	-0.0040	2.3554	1.4468								
	11	12	-0.0064	-0.0054	-0.0010	2.1296	1.2686	0.0256	0.0100	0.0065	1.9518	1.2720								
	12	12	0.0187	0.0079	0.0047															
702	3	10	0.899	-3.16	4.99	1.6146	1.5955	-0.0297	-0.0119	-0.0108	2.0036	1.8182								
	11	12	-0.0614	-0.0198	-0.0196	1.0477	1.6563	-0.0444	-0.0163	-0.0169	1.8412	1.9100								
	12	12	-0.0366	-0.0076	-0.0121															
702	4	10	0.897	-0.007	4.99	4.5618	3.1128	0.0129	0.0027	0.0035	1.0454	1.3933								
	11	12	0.0034	0.0031	0.0021	5.5385	1.2263	0.0236	0.0070	0.0053	1.4958	1.1250								
	12	12	0.0056	0.0062	0.0013															
702	5	10	0.899	0.95	45.00	2.3845	2.1423	0.0275	0.0082	0.0090	1.4946	1.6399								
	11	12	0.0179	0.0085	0.0076	2.9433	1.7099	0.0372	0.0121	0.0104	1.6311	1.4071								
	12	12	0.0188	0.0110	0.0064															
702	6	10	0.898	3.03	44.99	2.0480	1.7937	0.0665	0.0217	0.0227	1.6321	1.7125								
	11	12	0.0496	0.0203	0.0177	2.1436	1.7219	0.0615	0.0205	0.0192	1.6685	1.5661								
	12	12	0.0588	0.0252	0.0202															
702	7	10	0.898	6.14	44.99	1.9108	1.8292	0.1440	0.0475	0.0494	1.6516	1.7165								
	11	12	0.0850	0.0325	0.0311	1.8721	1.7925	0.0924	0.0305	0.0314	1.6551	1.6992								
	12	12	0.1331	0.0498	0.0477															
702	8	10	0.900	9.29	44.99	1.5807	1.7795	0.2319	0.0706	0.0831	1.5229	1.7917								
	11	12	0.1441	0.0455	0.0412	1.6281	1.8624	0.1451	0.0425	0.0506	1.4663	1.7454								
	12	12	0.2214	0.0721	0.0824															
702	9	10	0.899	12.42	44.99	1.4881	1.8822	0.3326	0.0898	0.1226	1.3506	1.8428								
	11	12	0.2011	0.0598	0.0734	1.0500	1.8260	0.1905	0.0580	0.1226	1.5232	1.8232								
	12	12	0.3263	0.0685	0.1228															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
702	10	10	0.899	-0.06	44.99	4.4749	3.7527	0.0139	0.0029	0.0037	1.0502	1.3360									
	11	11	0.0036	0.0033	0.0027	5.3755	1.3991	0.0233	0.0069	0.0052	1.4819	1.1353									
	12	12	0.0059	0.0064	0.0016																
703	1	10	0.897	-3.13	44.99	1.6488	1.5792	-0.0413	-0.0166	-0.0145	2.0151	1.7546									
	11	11	-0.0642	-0.0211	-0.0202	1.3056	1.6884	-0.0494	-0.0188	-0.0181	1.9021	1.8301									
	12	12	-0.0479	-0.0125	-0.0161																
703	2	10	0.897	-0.01	44.99	0.0655	0.1003	0.0058	0.0001	0.0018	0.1405	1.5075									
	11	11	-0.0060	-0.0000	-0.0001	0.9188	0.8802	0.0099	0.0022	0.0013	1.1064	0.6827									
	12	12	-0.0043	0.0025	-0.0007																
703	3	10	0.899	0.98	44.99	2.5209	2.5587	0.0224	0.0057	0.0075	1.2911	1.6553									
	11	11	0.0101	0.0051	0.0052	3.2120	1.7073	0.0261	0.0075	0.0067	1.4532	1.2960									
	12	12	0.0138	0.0088	0.0047																
703	4	10	0.900	3.07	44.99	1.9974	1.7950	0.0643	0.0209	0.0221	1.6272	1.7224									
	11	11	0.0407	0.0162	0.0146	2.1639	1.7234	0.0541	0.0174	0.0165	1.6090	1.5313									
	12	12	0.0561	0.0243	0.0193																
703	5	10	0.900	6.18	44.99	1.9773	1.8828	0.1429	0.0472	0.0492	1.6517	1.7221									
	11	11	0.0727	0.0287	0.0274	1.8664	1.7994	0.0745	0.0260	0.0254	1.7469	1.7060									
	12	12	0.1342	0.0500	0.0482																
703	6	10	0.899	9.30	44.99	1.5419	1.7967	0.2313	0.0705	0.0835	1.5244	1.8057									
	11	11	0.1321	0.0407	0.0474	1.6334	1.8617	0.1316	0.0374	0.0461	1.4236	1.7518									
	12	12	0.2208	0.0721	0.0622																
703	7	10	0.897	12.43	44.99	1.4825	1.8313	0.3313	0.0896	0.1220	1.3535	1.8418									
	11	11	0.1918	0.0568	0.0702	1.0470	1.8792	0.1785	0.0545	0.0649	1.5262	1.8182									
	12	12	0.3294	0.0689	0.1238																
703	8	10	0.898	-0.02	44.99	0.3338	0.4097	0.0043	-0.0003	0.0010	-0.3808	1.2458									
	11	11	-0.0070	-0.0004	-0.0005	1.3483	1.3483	0.0083	0.0014	0.0007	-0.8684	0.4505									
	12	12	-0.0067	0.0016	-0.0018																
704	1	10	0.900	-3.12	44.99	1.6675	1.6055	-0.0448	-0.0181	-0.0156	2.0203	1.7458									
	11	11	-0.0653	-0.0217	-0.0209	1.3626	1.6612	-0.0510	-0.0195	-0.0189	1.9120	1.8556									
	12	12	-0.0516	-0.0140	-0.0171																
704	2	10	0.898	-0.01	44.99	0.7163	0.6968	0.0028	-0.0006	0.0007	-1.4697	1.3701									
	11	11	-0.0097	-0.0013	-0.0013																

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	←	→	See Key	→						
704	3	12	-0.0073	0.0015	-0.0023	-1.0544	1.5640	0.0052	0.0005	0.0004	0.5640	0.4367
		10	0.899	1.00	4499							
		11	0.0056	0.0038	0.0040	3.4241	3.5618	0.0189	0.0047	0.0067	1.2398	1.7722
		12	0.0101	0.0073	0.0038	3.5916	1.8876	0.0174	0.0048	0.0044	1.3768	1.2640
704	4	10	0.900	3.08	4499							
		11	0.0355	0.0143	0.0139	2.0178	1.9681	0.0631	0.0204	0.0214	1.6218	1.6951
		12	0.0548	0.0238	0.0190	2.1750	1.7360	0.0491	0.0153	0.0150	1.5567	1.5317
704	5	10	0.899	6.18	4499							
		11	0.0691	0.0274	0.0259	1.9876	1.8791	0.1433	0.0472	0.0490	1.6495	1.7118
		12	0.1325	0.0494	0.0475	1.8647	1.7922	0.0691	0.0243	0.0237	1.7571	1.7150
704	6	10	0.900	9.30	4499							
		11	0.1251	0.0381	0.0456	1.5246	1.8244	0.2314	0.0702	0.0832	1.5184	1.7978
		12	0.2199	0.0717	0.0815	1.6320	1.8546	0.1255	0.0351	0.0436	1.4003	1.7478
704	7	10	0.898	12.43	4499							
		11	0.1854	0.0592	0.0678	1.5976	1.8296	0.3371	0.0689	0.1233	1.0230	1.8286
		12	0.3280	0.0689	0.1232	1.0500	1.8782	0.1737	0.0530	0.0632	1.5257	1.8195
704	8	10	0.898	-0.01	4499							
		11	-0.0106	-0.0015	-0.0011	0.7104	0.5623	0.0011	-0.0014	0.0001	-6.5771	0.7043
		12	-0.0073	0.0015	-0.0019	-1.0449	1.3507	0.0054	-0.0007	0.0004	-0.6606	0.4195
705	1	10	0.899	-3.12	4499							
		11	-0.0664	-0.0220	-0.0211	1.6585	1.5896	-0.0504	-0.0204	-0.0174	2.0259	1.7258
		12	-0.0594	-0.0171	-0.0196	1.4381	1.6502	-0.0543	-0.0208	-0.0203	1.9218	1.8684
705	2	10	0.898	-0.00	4499							
		11	-0.0158	-0.0038	-0.0028	1.2144	0.9079	-0.0058	-0.0039	-0.0017	3.4093	1.4704
		12	-0.0180	-0.0017	-0.0044	0.4771	1.2314	-0.0021	-0.0021	-0.0016	5.0676	3.9225
705	3	10	0.897	1.01	4499							
		11	-0.0041	0.0007	0.0019	-0.8940	-2.1064	0.0114	0.0023	0.0051	1.0052	2.2470
		12	-0.0029	0.0050	0.0023	8.6890	-3.9667	0.0051	0.0005	0.0012	0.5493	1.1761
705	4	10	0.897	3.12	4499							
		11	0.0307	0.0118	0.0121	1.9279	1.9763	0.0606	0.0189	0.0204	1.5621	1.6885
		12	0.0521	0.0226	0.0178	2.1691	1.7097	0.0411	0.0119	0.0123	1.4520	1.4976
705	5	10	0.899	6.21	4499							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

↔ See Key ↔

Run	Pt.	Cd																					
705	6	11	0.0663	0.0267	0.0254	1.9606	1.8654	0.1418	0.0468	0.0487	1.6517	1.7168											
		12	0.1333	0.0497	0.0477	1.8652	1.7907	0.0658	0.0231	0.0224	1.7590	1.7068											
705	7	10	0.898	9.35	44.99	1.4898	1.8161	0.2319	0.0705	0.0832	1.5211	1.7945											
		12	0.2237	0.0728	0.0831	1.6269	1.8582	0.1118	0.0302	0.0391	1.3510	1.7527											
705	8	10	0.899	12.45	44.99	1.4800	1.8111	0.3328	0.0900	0.1225	1.3524	1.8406											
		12	0.3311	0.0688	0.1243	1.0396	1.8777	0.1696	0.0520	0.0616	1.5323	1.8166											
706	1	10	0.900	0.00	44.99	1.2598	0.9909	-0.0039	-0.0034	-0.0015	4.4112	1.9754											
		12	-0.0168	-0.0042	-0.0033	0.2088	1.1135	-0.0028	-0.0024	-0.0019	4.1689	3.4226											
706	2	10	0.900	-3.08	44.99	1.6759	1.5895	-0.0569	-0.0231	-0.0198	2.0332	1.7432											
		12	-0.0686	-0.0230	-0.0218	1.5022	1.6359	-0.0544	-0.0209	-0.0202	1.9261	1.8610											
706	3	10	0.900	0.02	44.99	1.3994	1.0677	-0.0149	-0.0073	-0.0046	2.4715	1.5682											
		12	-0.0234	-0.0065	-0.0049	1.0649	1.4099	-0.0108	-0.0055	-0.0043	2.5501	2.0267											
706	4	10	0.899	1.05	44.99	1.2839	0.7040	0.0019	-0.0013	0.0023	-2.5615	6.1326											
		12	-0.0213	-0.0008	-0.0001	-0.4709	0.0856	-0.0122	-0.0057	-0.0042	-2.3454	1.7200											
706	5	10	0.898	3.14	44.99	1.9545	2.2025	0.0574	0.0172	0.0196	1.5012	1.7115											
		12	0.0501	0.0210	0.0176	2.0945	1.7578	0.0283	0.0071	0.0083	1.2684	1.4726											
706	6	10	0.897	6.22	44.99	1.9074	1.8758	0.1397	0.0462	0.0479	1.6539	1.7143											
		12	0.0650	0.0248	0.0244	1.8738	1.8050	0.0647	0.0216	0.0218	1.6706	1.6897											
706	7	10	0.898	9.35	44.99	1.4430	1.8524	0.2328	0.0708	0.0833	1.5219	1.7893											
		12	0.2231	0.0726	0.0827	1.6269	1.8547	0.1019	0.0266	0.0353	1.3079	1.7306											
706		10	0.899	12.47	44.99	1.4900	1.8454	0.3322	0.0898	0.1221	1.3524	1.8383											
		12	0.3306	0.0685	0.1244	1.0371	1.8817	0.1641	0.0510	0.0597	1.5560	1.8186											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
706	0	10	0.0998	0.003	44.99	1.4063	1.0942	-0.0155	-0.0075	-0.0046	2.4218	1.5115									
		11	-0.0229	-0.0064	-0.0050	1.0498	1.4208	-0.0119	-0.0060	-0.0049	2.5097	2.0835									
		12	-0.0290	-0.0061	-0.0082																
707	1	10	0.0998	-3.04	44.99	1.6631	1.6033	-0.0650	-0.0262	-0.0225	2.0195	1.7323									
		11	-0.0662	-0.0220	-0.0212	1.5736	1.6633	-0.0577	-0.0222	-0.0214	1.9265	1.8596									
		12	-0.0755	-0.0237	-0.0251																
707	2	10	0.900	0.04	44.99	1.4218	1.1173	-0.0204	-0.0094	-0.0065	2.3095	1.6117									
		11	-0.0232	-0.0066	-0.0051	1.1929	1.4219	-0.0136	-0.0067	-0.0057	2.4938	2.1207									
		12	-0.0372	-0.0088	-0.0106																
707	3	10	0.0999	1.08	44.99	1.2907	0.8909	-0.0018	-0.0026	0.0006	6.9825	-1.6727									
		11	-0.0264	-0.0068	-0.0047	0.5941	0.8902	-0.0160	-0.0067	-0.0057	2.1070	1.7969									
		12	-0.0181	-0.0021	-0.0032																
707	4	10	0.900	3.15	44.99	2.0623	3.0167	0.0492	0.0147	0.0175	1.5014	1.7801									
		11	0.0097	0.0040	0.0058	2.0869	1.8158	0.0113	0.0006	0.0038	0.3048	1.6782									
		12	0.0432	0.0180	0.0156																
707	5	10	0.0999	6.24	44.99	1.8522	1.8559	0.1431	0.0472	0.0488	1.6516	1.7074									
		11	0.0622	0.0230	0.0230	1.8770	1.7946	0.0661	0.0211	0.0220	1.5927	1.6699									
		12	0.1296	0.0486	0.0465																
707	6	10	0.899	9.36	44.99	1.4215	1.8750	0.2326	0.0707	0.0635	1.5211	1.7945									
		11	0.0963	0.0274	0.0361	1.6320	1.8582	0.0862	0.0216	0.0297	1.2541	1.7214									
		12	0.2207	0.0720	0.0820																
707	7	10	0.899	12.48	44.99	1.4990	1.8355	0.3331	0.0900	0.1224	1.3517	1.8378									
		11	0.1733	0.0519	0.0636	1.0345	1.8778	0.1613	0.0503	0.0580	1.5617	1.7985									
		12	0.3312	0.0685	0.1244																
707	8	10	0.899	0.04	44.99	1.4508	1.1298	-0.0209	-0.0094	-0.0061	2.2675	1.4700									
		11	-0.0249	-0.0072	-0.0056	1.1843	1.4754	-0.0113	-0.0060	-0.0050	2.6672	2.2122									
		12	-0.0359	-0.0085	-0.0106																
708	1	10	0.901	-2.99	44.99	1.6846	1.5732	-0.0871	-0.0331	-0.0275	1.9004	1.5810									
		11	-0.0660	-0.0222	-0.0207	1.5441	1.5514	-0.0541	-0.0212	-0.0205	1.9600	1.8991									
		12	-0.0987	-0.0304	-0.0306																
708	2	10	0.900	0.06	44.99	1.4124	1.1576	-0.0254	-0.0111	-0.0081	3.2012	1.6019									
		11	-0.0210	-0.0059	-0.0048	1.3046	1.5285	-0.0086	-0.0052	-0.0044	3.0485	2.5351									
		12	-0.0426	-0.0111	-0.0130																

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Ft.	Cd	See Key →															
708	3	10	0.900	1.10	44.99	1.3394	1.0838	-0.0090	-0.0052	-0.0023	2.9192	1.3032						
		11	-0.0245	-0.0065	-0.0053	0.8916	1.2815	-0.0163	-0.0073	-0.0063	2.2584	1.9466						
		12	-0.0245	-0.0043	-0.0062	0.8916	1.2815	-0.0163	-0.0073	-0.0063	2.2584	1.9466						
70A	4	10	0.898	3.17	44.99	1.8650	0.4264	0.0364	0.0100	0.0146	1.3804	2.0131						
		11	-0.0174	-0.0065	-0.0014	2.4471	2.6063	-0.0234	-0.0118	-0.0078	2.5349	1.6835						
		12	-0.0238	0.0116	0.0124	2.4471	2.6063	-0.0234	-0.0118	-0.0078	2.5349	1.6835						
70B	5	10	0.901	6.27	44.99	1.7433	1.8267	0.1403	0.0462	0.0479	1.6475	1.7089						
		11	0.0615	0.0214	0.0225	1.8870	1.7937	0.0640	0.0187	0.0210	1.4609	1.6431						
		12	0.1273	0.0480	0.0456	1.8870	1.7937	0.0640	0.0187	0.0210	1.4609	1.6431						
70B	6	10	0.899	9.38	44.99	1.4462	1.8966	0.2361	0.0714	0.0844	1.5134	1.7872						
		11	0.0807	0.0233	0.0306	1.6204	1.8554	0.0641	0.0153	0.0218	1.1951	1.7034						
		12	0.2255	0.0730	0.0836	1.6204	1.8554	0.0641	0.0153	0.0218	1.1951	1.7034						
70B	7	10	0.900	12.50	44.99	1.4979	1.8360	0.3354	0.0904	0.1235	1.3479	1.8411						
		11	0.1601	0.0479	0.0587	1.0441	1.8778	0.1572	0.0489	0.0564	1.5565	1.7943						
		12	0.3283	0.0685	0.1233	1.0441	1.8778	0.1572	0.0489	0.0564	1.5565	1.7943						
70B	8	10	0.901	0.08	44.99	1.4449	1.1705	-0.0253	-0.0111	-0.0084	2.2022	1.6644						
		11	-0.0214	-0.0061	-0.0050	1.3022	1.5084	-0.0111	-0.0061	-0.0054	2.7608	2.4504						
		12	-0.0430	-0.0112	-0.0129	1.3022	1.5084	-0.0111	-0.0061	-0.0054	2.7608	2.4504						
709	3	10	0.898	-3.13	-90.00	1.4020	1.6085	0.0260	0.0031	0.0081	0.6049	1.5669						
		11	0.0904	0.0253	0.0291	1.5291	1.5540	0.0209	0.0019	0.0059	0.4734	1.4226						
		12	0.0980	0.0299	0.0304	1.5291	1.5540	0.0209	0.0019	0.0059	0.4734	1.4226						
709	4	10	0.899	-3.13	-78.80	1.4195	1.6288	0.0037	-0.0031	0.0014	-4.1872	1.9007						
		11	0.0904	0.0256	0.0284	1.5074	1.5542	0.0065	-0.0015	0.0013	-1.1785	1.0352						
		12	0.0907	0.0273	0.0282	1.5074	1.5542	0.0065	-0.0015	0.0013	-1.1785	1.0352						
709	5	10	0.900	-3.13	-67.50	1.4288	1.6227	-0.0159	-0.0091	-0.0053	2.8458	1.6648						
		11	0.0900	0.0247	0.0256	1.5082	1.5619	-0.0062	-0.0051	-0.0027	4.0582	2.1715						
		12	0.0822	0.0247	0.0256	1.5082	1.5619	-0.0062	-0.0051	-0.0027	4.0582	2.1715						
709	6	10	0.901	-3.14	-56.30	1.4195	1.6531	-0.0347	-0.0147	-0.0114	2.1199	1.6454						
		11	0.0841	0.0238	0.0278	1.5123	1.5727	-0.0201	-0.0090	-0.0069	2.2433	1.7303						
		12	0.0732	0.0221	0.0230	1.5123	1.5727	-0.0201	-0.0090	-0.0069	2.2433	1.7303						
709	7	10	0.900	-3.14	-45.00	1.4111	1.6523	-0.0497	-0.0193	-0.0170	1.9475	1.7169						
		11	0.0759	0.0214	0.0251	1.4111	1.6523	-0.0497	-0.0193	-0.0170	1.9475	1.7169						
		12	0.0759	0.0214	0.0251	1.4111	1.6523	-0.0497	-0.0193	-0.0170	1.9475	1.7169						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
709	8	12	0.0625	0.0188	0.0195	1.5042	1.5614	-0.0336	-0.0129	-0.0113	1.9277	1.6890								
		10	0.899	-3.14	-33.80															
		11	0.0610	0.0166	0.0205	1.3617	1.6817	-0.0646	-0.0241	-0.0217	1.8682	1.6851								
		12	0.0469	0.0140	0.0150	1.4966	1.6034	-0.0474	-0.0172	-0.0157	1.8229	1.6609								
709	9	10	0.898	-3.14	-22.50															
		11	0.0463	0.0121	0.0160	1.3144	1.7357	-0.0741	-0.0273	-0.0247	1.8435	1.6724								
		12	0.0329	0.0099	0.0101	1.5155	1.5420	-0.0560	-0.0201	-0.0184	1.7988	1.6505								
709	10	10	0.899	-3.14	-11.30															
		11	0.0289	0.0069	0.0108	1.2020	1.8788	-0.0787	-0.0289	-0.0263	1.8351	1.6699								
		12	0.0182	0.0057	0.0056	1.5764	1.5611	-0.0630	-0.0223	-0.0211	1.7703	1.6600								
709	11	10	0.900	-3.14	-0.00															
		11	0.0098	0.0013	0.0045	0.6774	2.3300	-0.0768	-0.0279	-0.0258	1.8205	1.6789								
		12	0.0045	0.0018	0.0013	2.0997	1.5309	-0.0654	-0.0234	-0.0226	1.7672	1.7313								
709	12	10	0.898	-3.14	11.29															
		11	-0.0104	-0.0044	-0.0024	2.1121	1.1730	-0.0722	-0.0264	-0.0243	1.8282	1.6821								
		12	-0.0077	-0.0010	-0.0027	0.6805	1.7885	-0.0677	-0.0243	-0.0234	1.7552	1.7325								
709	13	10	0.900	-3.14	22.50															
		11	-0.0292	-0.0101	-0.0083	1.7282	1.4335	-0.0659	-0.0243	-0.0226	1.8450	1.6596								
		12	-0.0222	-0.0047	-0.0071	1.0671	1.6178	-0.0654	-0.0236	-0.0226	1.8049	1.7292								
709	14	10	0.898	-3.14	33.79															
		11	-0.0484	-0.0160	-0.0148	1.6523	1.5306	-0.0549	-0.0208	-0.0183	1.8962	1.6656								
		12	-0.0369	-0.0092	-0.0120	1.2461	1.6361	-0.0586	-0.0215	-0.0207	1.8404	1.7671								
709	15	10	0.898	-3.14	44.99															
		11	-0.0647	-0.0212	-0.0203	1.6397	1.5706	-0.0422	-0.0169	-0.0147	2.0082	1.7412								
		12	-0.0484	-0.0125	-0.0160	1.2959	1.6599	-0.0524	-0.0197	-0.0184	1.8619	1.7587								
709	16	10	0.900	-3.14	56.29															
		11	-0.0795	-0.0259	-0.0250	1.6347	1.5735	-0.0269	-0.0121	-0.0098	2.2575	1.8235								
		12	-0.0624	-0.0170	-0.0203	1.3632	1.6293	-0.0386	-0.0156	-0.0146	2.0235	1.8946								
709	17	10	0.899	-3.14	67.49															
		11	-0.0851	-0.0277	-0.0268	1.6269	1.5779	-0.0151	-0.0088	-0.0059	2.9130	1.9592								
		12	-0.0707	-0.0197	-0.0234	1.3954	1.6534	-0.0235	-0.0111	-0.0098	2.3643	2.0908								
709	18	10	0.900	-3.14	78.79															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key \longleftrightarrow												
709	19	11	-0.0904	-0.0293	-0.0288	1.6170	1.5938	0.0041	-0.0030	0.0001	-3.7570	0.1937			
		12	-0.0781	-0.0223	-0.0262	1.4295	1.6821	-0.0044	-0.0054	-0.0037	6.2061	4.2996			
710	1	10	0.899	-3.14	89.99	1.6011	1.6158	0.0175	0.0003	0.0042	0.1081	1.2005			
		12	-0.0902	-0.0288	-0.0291	1.4462	1.6725	0.0150	0.0001	0.0022	0.0558	0.7542			
710	2	10	0.900	-0.04	89.99	0.2461	1.0171	0.0155	-0.0003	0.0035	-0.1215	1.1505			
		12	-0.0125	-0.0006	-0.0025	-2.6973	1.6601	0.0149	0.0001	0.0025	0.0531	0.8562			
710	3	10	0.899	-0.05	78.79	0.3808	1.0258	0.0126	-0.0002	0.0031	-0.0799	1.2200			
		12	-0.0132	-0.0010	-0.0027	-1.9042	1.7091	0.0130	0.0004	0.0021	0.1743	0.8115			
710	4	10	0.899	-0.05	67.49	0.3870	0.8754	0.0109	0.0002	0.0026	0.1009	1.2124			
		12	-0.0128	-0.0009	-0.0022	-1.9237	1.4823	0.0103	0.0005	0.0010	0.2483	0.5111			
710	5	10	0.896	-0.04	56.29	0.4108	0.7802	0.0077	0.0000	0.0020	0.0042	1.3068			
		12	-0.0105	-0.0008	-0.0016	-1.6529	1.6149	0.0094	0.0010	0.0012	0.5508	0.6398			
710	6	10	0.899	-0.05	44.99	0.4853	0.4153	0.0053	0.0000	0.0017	0.0401	1.6061			
		12	-0.0087	-0.0008	-0.0007	-1.4925	1.1940	0.0106	0.0024	0.0019	1.1413	0.9190			
710	7	10	0.898	-0.05	33.79	0.6637	-1.4316	0.0029	0.0000	0.0010	0.1387	1.5571			
		12	-0.0043	-0.0000	0.0012	-6.5124	1.1268	0.0089	0.0024	0.0018	1.3724	1.0111			
710	8	10	0.898	-0.05	22.49	0.2895	-7.0815	0.0017	0.0002	0.0012	0.6517	3.5572			
		12	-0.0012	-0.0000	0.0017	-7.2592	0.5557	0.0093	0.0031	0.0022	1.6634	1.2179			
710	9	10	0.896	-0.05	11.29	0.8458	2.8714	0.0002	-0.0000	0.0009	-0.2084	15.7421			
		12	0.0048	0.0008	0.0027	5.4463	0.8552	0.0090	0.0033	0.0025	1.8577	1.4243			
710	10	10	0.899	-0.05	0.00	0.2229	2.5191	-0.0002	-0.0001	0.0006	2.6943	-12.5735			
		12	0.0037	0.0016	0.0009	2.1899	1.2218	0.0082	0.0031	0.0022	1.8785	1.3707			

TABLE VIIA
TAIL FIN FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																								
710	10	10	0.899	-0.05	-11.30	0.3058	2.0407	-0.0006	-0.0003	0.0004	2.9193	-3.9045														
		11	0.8108	0.0006	0.0044	1.1108	1.0741	0.0088	0.0032	0.0025	1.6298	1.4586														
		12	0.0049	0.0011	0.0010																					
710	11	10	0.898	-0.05	-22.50	0.1475	1.7198	0.0009	-0.0002	0.0010	-1.5809	6.0337														
		11	0.0128	0.0003	0.0044	0.6850	1.1247	0.0077	0.0025	0.0024	1.6681	1.5591														
		12	0.0095	0.0013	0.0021																					
710	12	10	0.899	-0.05	-33.80	-0.0553	1.6639	0.0032	0.0000	0.0017	0.1102	2.6358														
		11	0.0136	-0.0001	0.0045	0.5313	1.2203	0.0093	0.0026	0.0028	1.4424	1.5405														
		12	0.0119	0.0012	0.0029																					
710	13	10	0.898	-0.06	-45.00	0.0291	1.5588	0.0076	0.0010	0.0031	0.6050	2.0314														
		11	0.0165	0.0000	0.0051	0.5602	1.2346	0.0107	0.0025	0.0034	1.1699	1.6100														
		12	0.0155	0.0017	0.0038																					
710	14	10	0.899	-0.05	-56.30	-0.4650	1.4590	0.0104	0.0012	0.0041	0.6051	2.0084														
		11	0.0144	-0.0013	0.0042	0.4270	1.0695	0.0126	0.0023	0.0040	0.9350	1.6172														
		12	0.0171	0.0014	0.0036																					
710	15	10	0.898	-0.05	-67.50	-0.7298	1.3690	0.0139	0.0014	0.0051	0.5272	1.8391														
		11	0.0137	-0.0020	0.0037	0.2454	1.0008	0.0151	0.0021	0.0048	0.7213	1.5994														
		12	0.0168	0.0008	0.0033																					
710	16	10	0.898	-0.06	-78.80	-0.8125	1.2878	0.0178	0.0016	0.0057	0.4701	1.6150														
		11	0.0140	-0.0022	0.0036	0.3401	0.9468	0.0170	0.0018	0.0051	0.5530	1.5029														
		12	0.0194	0.0013	0.0036																					
710	17	10	0.898	-0.05	-90.00	-0.7551	1.2682	0.0213	0.0021	0.0059	0.5007	1.6367														
		11	0.0142	-0.0021	0.0036	0.1221	0.9580	0.0203	0.0019	0.0058	0.4824	1.4468														
		12	0.0176	0.0004	0.0033																					
711	1	10	0.898	3.07	-90.00	2.3684	1.8055	0.0215	0.0015	0.0062	0.3745	1.4397														
		11	-0.0647	-0.0306	-0.0233	2.1943	1.9081	0.0190	0.0015	0.0054	0.4196	1.4264														
		12	-0.0635	-0.0279	-0.0242																					
711	2	10	0.899	3.06	-78.80	2.4029	1.7575	0.0299	0.0056	0.0094	0.9468	1.5808														
		11	-0.0599	-0.0287	-0.0210	2.2052	1.8828	0.0368	0.0087	0.0113	1.1946	1.5372														
		12	-0.0643	-0.0283	-0.0242																					
711	3	10	-0.898	3.05	-67.50	2.4643	1.7574	0.0364	0.0089	0.0119	1.2326	1.6416														
		11	-0.0534	-0.0263	-0.0187																					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																				
711	4	12	-0.0620	-0.0271	-0.0233	2.1895	1.8822	0.0502	0.0146	0.0164	1.4558	1.6373									
		10	0.899	3.05	-56.30																
		11	-0.0462	-0.0228	-0.0157	2.4660	1.6995	0.0434	0.0123	0.0144	1.4281	1.6625									
		12	-0.0571	-0.0246	-0.0211	2.1539	1.8535	0.0621	0.0197	0.0205	1.5877	1.6523									
711	5	10	0.897	3.05	-45.00	2.6375	1.7107	0.0544	0.0173	0.0181	1.5905	1.6640									
		11	-0.0318	-0.0168	-0.0109	2.1336	1.9159	0.0741	0.0252	0.0247	1.7011	1.6605									
		12	-0.0455	-0.0194	-0.0174																
711	6	10	0.898	3.05	-33.80	2.7923	1.6647	0.0619	0.0206	0.0212	1.6645	1.7146									
		11	-0.0217	-0.0121	-0.0072	2.1222	1.9718	0.0811	0.0288	0.0273	1.7747	1.6869									
		12	-0.0358	-0.0151	-0.0141																
711	7	10	0.897	3.06	-22.50	3.5585	1.8032	0.0694	0.0240	0.0235	1.7308	1.6940									
		11	-0.0102	-0.0073	-0.0037	2.0410	1.9558	0.0848	0.0307	0.0289	1.8138	1.7079									
		12	-0.0255	-0.0104	-0.0100																
711	8	10	0.898	3.05	-11.30	42.4252	-2.0115	0.0759	0.0267	0.0261	1.7626	1.7200									
		11	-0.0003	-0.0029	0.0001	1.9220	-2.3011	0.0872	0.0318	0.0293	1.8253	1.6834									
		12	-0.0113	-0.0043	-0.0052																
711	9	10	0.897	3.06	-0.00	0.2549	1.8009	0.0792	0.0283	0.0274	1.7879	1.7293									
		11	0.0076	0.0003	0.0027	2.0984	1.3570	0.0838	0.0303	0.0283	1.8125	1.6909									
		12	0.0045	0.0019	0.0012																
711	10	10	0.897	3.06	11.29	1.3344	2.0874	0.0812	0.0291	0.0277	1.7916	1.7065									
		11	0.0143	0.0038	0.0060	2.0714	1.6963	0.0811	0.0291	0.0268	1.7970	1.6540									
		12	0.0186	0.0077	0.0063																
711	11	10	0.898	3.06	22.49	1.7207	2.0073	0.0803	0.0284	0.0272	1.7669	1.6922									
		11	0.0218	0.0075	0.0087	2.1435	1.7149	0.0735	0.0263	0.0243	1.7810	1.6454									
		12	0.0318	0.0136	0.0109																
711	12	10	0.898	3.06	33.79	1.9354	1.9625	0.0739	0.0253	0.0248	1.7132	1.6808									
		11	0.0309	0.0119	0.0121	2.1397	1.7479	0.0640	0.0218	0.0206	1.7035	1.6144									
		12	0.0457	0.0195	0.0159																
711	13	10	0.897	3.06	44.99	2.0350	1.8725	0.0664	0.0216	0.0225	1.6274	1.6940									
		11	0.0394	0.0160	0.0147	2.1930	1.7837	0.0563	0.0181	0.0181	1.6145	1.6075									
		12	0.0547	0.0240	0.0195																
711	14	10	0.896	3.06	56.29																

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																								
711	15	10	0.0467	0.0196	0.0169	2.0978	1.8123	0.0530	0.0158	0.0175	1.4882	1.6521														
		12	0.0616	0.0273	0.0218	2.2186	1.7737	0.0418	0.0123	0.0124	1.4758	1.4932														
		10	0.898	3.06	67.49																					
		11	0.0557	0.0233	0.0202	2.0976	1.8202	0.0424	0.0110	0.0132	1.3022	1.5643														
		12	0.0675	0.0301	0.0236	2.2287	1.7531	0.0345	0.0088	0.0095	1.2741	1.3854														
711	16	10	0.899	3.05	78.79																					
		11	0.0663	0.0272	0.0236	2.0556	1.7813	0.0285	0.0049	0.0082	0.8658	1.4490														
		12	0.0701	0.0313	0.0245	2.2308	1.7494	0.0226	0.0035	0.0054	0.7785	1.2033														
711	17	10	0.899	3.06	89.99																					
		11	0.0676	0.0280	0.0242	2.0745	1.7926	0.0135	-0.0010	0.0032	-0.3727	1.2137														
		12	0.0682	0.0303	0.0234	2.2219	1.7214	0.0150	0.0001	0.0024	0.0545	0.8052														
712	1	10	0.899	6.17	89.99																					
		11	0.1743	0.0620	0.0621	1.7800	1.7834	0.0116	-0.0015	0.0026	-0.6457	1.1405														
		12	0.1677	0.0628	0.0599	1.8738	1.7881	0.0188	0.0010	0.0033	-0.2681	0.8814														
712	2	10	0.898	6.16	78.79																					
		11	0.1568	0.0573	0.0550	1.8284	1.7536	0.0452	0.0101	0.0145	1.1277	1.6046														
		12	0.1749	0.0644	0.0634	1.8424	1.8122	0.0279	0.0059	0.0074	1.0552	1.3275														
712	3	10	0.898	6.17	67.49																					
		11	0.1293	0.0499	0.0457	1.9317	1.7681	0.0811	0.0233	0.0273	1.4373	1.6633														
		12	0.1704	0.0620	0.0619	1.8219	1.8167	0.0356	0.0103	0.0100	1.4501	1.4050														
712	4	10	0.898	6.16	56.29																					
		11	0.1012	0.0401	0.0373	1.9839	1.8426	0.1144	0.0363	0.0390	1.5885	1.7048														
		12	0.1566	0.0573	0.0568	1.8301	1.8141	0.0469	0.0159	0.0154	1.6987	1.6484														
712	5	10	0.899	6.15	44.99																					
		11	0.0724	0.0292	0.0277	2.0223	1.9186	0.1442	0.0477	0.0494	1.6536	1.7140														
		12	0.1336	0.0499	0.0483	1.8690	1.8086	0.0719	0.0249	0.0251	1.7355	1.7510														
712	6	10	0.896	6.15	33.79																					
		11	0.0457	0.0188	0.0183	2.0585	2.0009	0.1674	0.0551	0.0583	1.6457	1.7420														
		12	0.1038	0.0389	0.0374	1.8754	1.8014	0.1084	0.0383	0.0378	1.7678	1.7472														
712	7	10	0.898	6.17	22.49																					
		11	0.0252	0.0100	0.0107	1.9846	2.1317	0.1878	0.0616	0.0655	1.6410	1.7450														
		12	0.0733	0.0268	0.0262	1.8268	1.7906	0.1411	0.0492	0.0484	1.7461	1.7169														

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
712	8	10	0.900	6.16	11.29	1.5328	2.2959	0.1915	0.0636	0.0672	1.6612	1.7552								
		11	0.0133	0.0040	0.0061	1.7956	1.7628	0.1679	0.0578	0.0578	1.7220	1.7220								
		12	0.0382	0.0137	0.0134															
712	9	10	0.898	6.17	-0.00	-0.4017	2.8270	0.1871	0.0629	0.0649	1.6820	1.7340								
		11	0.0046	-0.0003	0.0026	2.3244	0.7611	0.1872	0.0634	0.0651	1.6954	1.7392								
		12	0.0030	0.0014	0.0004															
712	10	10	0.898	6.17	-11.30	5.3397	1.1756	0.1724	0.0595	0.0597	1.7278	1.7312								
		11	-0.0046	-0.0049	-0.0010	1.7463	1.9109	0.1967	0.0656	0.0694	1.6696	1.7657								
		12	-0.0320	-0.0111	-0.0122															
712	11	10	0.897	6.16	-22.50	4.2005	1.9615	0.1433	0.0512	0.0496	1.7860	1.7319								
		11	-0.0110	-0.0092	-0.0043	1.7390	1.8151	0.1934	0.0636	0.0686	1.6445	1.7747								
		12	-0.0688	-0.0239	-0.0249															
712	12	10	0.898	6.16	-33.80	3.2699	2.0427	0.1130	0.0407	0.0396	1.8001	1.7521								
		11	-0.0233	-0.0152	-0.0095	1.8160	1.8075	0.1773	0.0583	0.0629	1.6459	1.7752								
		12	-0.0983	-0.0357	-0.0355															
712	13	10	0.897	6.16	-45.00	2.4559	1.9669	0.0829	0.0292	0.0297	1.7603	1.7960								
		11	-0.0526	-0.0258	-0.0207	1.8372	1.8024	0.1533	0.0507	0.0538	1.6562	1.7569								
		12	-0.1274	-0.0468	-0.0459															
712	14	10	0.897	6.15	-56.30	2.1957	1.8512	0.0558	0.0184	0.0199	1.6514	1.7874								
		11	-0.0907	-0.0398	-0.0336	1.7923	1.8198	0.1233	0.0401	0.0428	1.6295	1.7364								
		12	-0.1528	-0.0548	-0.0556															
712	15	10	0.895	6.16	-67.50	2.0689	1.8118	0.0385	0.0108	0.0134	1.4074	1.7437								
		11	-0.1208	-0.0499	-0.0437	1.7782	1.8288	0.0932	0.0280	0.0316	1.5036	1.6968								
		12	-0.1682	-0.0598	-0.0615															
712	16	10	0.896	6.16	-76.80	1.9993	1.7947	0.0282	0.0058	0.0090	1.0374	1.6014								
		11	-0.1473	-0.0589	-0.0529	1.7904	1.8151	0.0572	0.0147	0.0186	1.2862	1.6322								
		12	-0.1739	-0.0622	-0.0631															
712	17	10	0.898	6.17	-90.00	1.9180	1.7922	0.0182	0.0006	0.0053	0.1707	1.4519								
		11	-0.1639	-0.0628	-0.0587	1.8302	1.8099	0.0223	0.0024	0.0059	0.5542	1.3240								
		12	-0.1652	-0.0604	-0.0598															
713	1	10	0.899	9.31	-90.00	1.5938	1.8246	0.0175	-0.0002	0.0048	-0.0813	1.3829								
		11	-0.2928	-0.0933	-0.1068															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																				
713	2	12	-0.2956	-0.0916	-0.1072	1.5506	1.8130	0.0225	0.0026	0.0056	0.5788	1.2430									
		10	0.898	9.30	-78.79																
		11	-0.2584	-0.0870	-0.0930	1.6829	1.8006	0.0108	-0.0013	0.0028	-0.6301	1.3010									
		12	-0.3095	-0.0930	-0.1135	1.5033	1.8344	0.0805	0.0215	0.0272	1.3368	1.6948									
713	3	10	0.898	9.30	-78.79																
		11	-0.2578	-0.0869	-0.0930	1.6864	1.8041	0.0099	-0.0014	0.0023	-0.7446	1.1813									
		12	-0.3085	-0.0929	-0.1129	1.5065	1.8305	0.0794	0.0210	0.0265	1.3253	1.6714									
713	4	10	0.898	9.29	-67.49																
		11	-0.2145	-0.0745	-0.0768	1.7375	1.7912	0.0116	-0.0021	0.0029	-0.9335	1.2794									
		12	-0.2982	-0.0892	-0.1100	1.4971	1.8445	0.1325	0.0400	0.0467	1.5114	1.7618									
713	5	10	0.900	9.28	-56.29																
		11	-0.1690	-0.0572	-0.0602	1.6931	1.7827	0.0726	0.0181	0.0267	1.2461	1.8439									
		12	-0.2676	-0.0822	-0.0990	1.5368	1.8499	0.1862	0.0588	0.0665	1.5803	1.7882									
713	6	10	0.899	9.28	-45.00																
		11	-0.1107	-0.0373	-0.0414	1.6882	1.8702	0.1380	0.0394	0.0490	1.4285	1.7779									
		12	-0.2193	-0.0701	-0.0808	1.5998	1.8420	0.2436	0.0736	0.0886	1.5105	1.8188									
713	7	10	0.898	9.29	-33.80																
		11	-0.0360	-0.0142	-0.0146	1.9742	2.0317	0.1944	0.0593	0.0671	1.5262	1.7267									
		12	-0.1604	-0.0546	-0.0591	1.7045	1.8439	0.2907	0.0846	0.1068	1.4555	1.8376									
713	8	10	0.899	9.30	-22.50																
		11	0.0126	0.0016	0.0038	0.6681	1.5163	0.2377	0.0744	0.0835	1.5659	1.7569									
		12	-0.1081	-0.0362	-0.0401	1.6745	1.8572	0.3245	0.0922	0.1186	1.4211	1.8273									
713	9	10	0.898	9.30	-11.30																
		11	0.0100	-0.0002	0.0039	-0.1293	1.9763	0.2841	0.0872	0.1000	1.5350	1.7604									
		12	-0.0522	-0.0165	-0.0201	1.5851	1.9315	0.3315	0.0949	0.1198	1.4318	1.8079									
713	10	10	0.898	9.31	-0.00																
		11	0.0032	-0.0014	0.0018	-2.2213	2.8493	0.3161	0.0934	0.1125	1.4778	1.7806									
		12	0.0034	0.0014	0.0003	-2.0766	0.4537	0.3136	0.0932	0.1121	1.4864	1.7870									
713	11	10	0.897	9.29	-11.30																
		11	-0.0033	-0.0024	-0.0001	3.6588	0.2248	0.3265	0.0941	0.1176	1.4413	1.8022									
		12	-0.0594	0.0196	0.0206	1.6564	1.7412	0.2799	0.0868	0.0987	1.5504	1.7637									
713	12	10	0.899	9.30	22.50																

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. C_d See Key

714	5	10	0.899	12.41	44.99	1.4859	1.8272	0.3316	0.0896	0.1220	1.3511	1.8397
		11	0.1935	0.0575	0.0707	1.0457	1.8805	0.1783	0.0542	0.0653	1.5203	1.8327
		12	0.3313	0.0693	0.1246							
714	6	10	0.897	12.42	33.80	1.8383	2.0374	0.4037	0.0689	0.1471	0.8538	1.8217
		11	0.0933	0.0343	0.0380	1.5937	1.8866	0.2725	0.0780	0.0960	1.4318	1.7621
		12	0.2359	0.0751	0.0890							
714	7	10	0.898	10.39	22.51	4.1973	3.5896	0.4163	0.0651	0.1504	0.7821	1.8068
		11	0.0101	0.0085	0.0072	1.5907	1.8637	0.3444	0.0981	0.1212	1.4246	1.7593
		12	0.1634	0.0520	0.0609							
714	8	10	0.898	12.42	11.31	-0.5092	0.3987	0.4113	0.0629	0.1463	0.7652	1.7787
		11	-0.0054	0.0005	-0.0004	1.5292	1.8306	0.4008	0.0864	0.1416	1.0780	1.7668
		12	0.0844	0.0258	0.0309							
714	9	10	0.899	12.42	0.00	-6.3593	4.7664	0.4220	0.0686	0.1487	0.8138	1.7622
		11	0.0011	-0.0014	0.0010	1.6413	0.9998	0.4267	0.0724	0.1514	0.8488	1.7741
		12	0.0046	0.0015	0.0009							
714	10	10	0.897	12.42	-11.31	-1.1425	1.7523	0.4077	0.0834	0.1429	1.0228	1.7531
		11	0.0104	-0.0023	0.0036	1.4690	1.9408	0.4216	0.0660	0.1512	0.7901	1.7938
		12	-0.0795	-0.0233	-0.0308							
714	11	10	0.899	12.42	-22.51	-6.4569	0.8852	0.3422	0.0848	0.1191	1.2392	1.7408
		11	0.0050	-0.0064	0.0000	1.5536	1.8794	0.4224	0.0674	0.1534	0.7979	1.8164
		12	-0.1606	-0.0499	-0.0603							
714	12	10	0.900	12.42	-33.80	2.2706	2.1484	0.2758	0.0797	0.0971	1.4445	1.7600
		11	0.0646	-0.0293	-0.0277	1.5403	1.8641	0.4136	0.0703	0.1520	0.8497	1.8372
		12	-0.2364	-0.0728	-0.0881							
714	13	10	0.898	12.41	-45.00	1.7207	1.8766	0.1946	0.0591	0.0699	1.5200	1.7973
		11	0.1630	-0.0561	-0.0611	1.0571	1.8446	0.3521	0.0696	0.1303	0.9886	1.8498
		12	-0.3299	-0.0697	-0.1217							
714	14	10	0.897	12.42	-56.23	1.5541	1.7967	0.0972	0.0325	0.0381	1.6753	1.9620
		11	0.2570	-0.0798	-0.0923	0.8820	1.8436	0.2555	0.0753	0.0943	1.4737	1.8450
		12	-0.3949	-0.0696	-0.1456							
714	15	10	0.899	12.42	-67.49	1.3359	1.7783	0.0208	0.0067	0.0085	1.6204	2.0561
		11	0.3217	-0.0859	-0.1144	0.8224	1.8312	0.1835	0.0530	0.0663	1.4438	1.8066
		12	-0.4072	-0.0669	-0.1491							

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TABLE VIII
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
714	16	10	0.857	12.43	-78.79	1.1090	1.7884	0.0101	0.0014	0.0028	0.7038	1.3933						
		11	-0.3831	-0.0849	-0.1370	0.8093	1.8014	0.1017	0.0263	0.0351	1.2973	1.7262						
		12	-0.3988	-0.0645	-0.1437													
714	17	10	0.897	12.42	-90.00	0.8781	1.7946	0.0189	0.0003	0.0051	0.0933	1.3628						
		11	-0.4000	-0.0702	-0.1436	0.8688	1.7911	0.0216	0.0022	0.0051	0.5189	1.1926						
		12	-0.4030	-0.0700	-0.1443													
715	1	10	0.898	12.43	-90.00	0.8597	1.7899	0.0334	0.0040	0.0107	0.6082	1.6126						
		11	-0.4072	-0.0700	-0.1457	0.8828	1.7909	0.0243	0.0032	0.0057	0.6671	1.1847						
		12	-0.4020	-0.0709	-0.1439													
715	2	10	0.899	12.43	-78.79	1.0802	1.7858	0.0232	0.0047	0.0076	1.0220	1.6426						
		11	-0.3912	-0.0845	-0.1397	0.8256	1.8044	0.1055	0.0279	0.0366	1.3239	1.7391						
		12	-0.3993	-0.0659	-0.1441													
715	3	10	0.898	12.43	-67.49	1.3176	1.7757	0.0249	0.0084	0.0096	1.6831	1.9355						
		11	-0.3281	-0.0864	-0.1165	0.8469	1.8294	0.1851	0.0537	0.0670	1.4517	1.8117						
		12	-0.4063	-0.0688	-0.1486													
715	4	10	0.897	12.43	-56.29	1.4393	1.7841	0.0880	0.0284	0.0345	1.6175	1.9612						
		11	-0.3624	-0.0755	-0.0936	0.8953	1.8471	0.2606	0.0763	0.0562	1.4644	1.8456						
		12	-0.3906	-0.0699	-0.1443													
715	5	10	0.896	12.42	-44.99	1.7293	1.8836	0.1774	0.0535	0.0648	1.5096	1.8283						
		11	-0.1707	-0.0590	-0.0643	1.0723	1.8561	0.3578	0.0697	0.1322	0.9742	1.8479						
		12	-0.3224	-0.0691	-0.1196													
715	6	10	0.899	12.43	-33.80	2.2094	2.1325	0.2664	0.0770	0.0940	1.4454	1.7652						
		11	-0.0725	-0.0320	-0.0309	1.5407	1.8676	0.4151	0.0700	0.1524	0.8439	1.8364						
		12	-0.2341	-0.0721	-0.0874													
715	7	10	0.899	12.43	-22.51	-32.4634	7.1705	0.3434	0.0849	0.1196	1.2373	1.7421						
		11	-0.0012	-0.0079	-0.0017	1.5563	1.8971	0.4191	0.0656	0.1517	0.7828	1.8102						
		12	-0.1584	-0.0493	-0.0601													
715	8	10	0.898	12.43	-11.31	-1.7206	1.7402	0.4023	0.0835	0.1413	1.0382	1.7561						
		11	-0.0095	-0.0032	0.0033	1.4793	1.9979	0.4228	0.0666	0.1513	0.7874	1.7891						
		12	-0.0770	-0.0227	-0.0307													
715	9	10	-0.898	12.43	0.00	7.9123	0.0153	0.4227	0.0697	0.1489	0.8245	1.7613						
		11	-0.0019	-0.0030	-0.0000													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																		
715	10	12	0.0054	0.0017	0.0004	1.6413	0.4258	0.4287	0.0725	0.1518	0.8457	1.7713							
		10	0.897	12.43	11.31														
		11	-0.0083	-0.0016	-0.0016	0.9957	0.9951	0.4125	0.0631	0.1463	0.7659	1.7737							
		12	0.0878	0.0266	0.0314	1.5170	1.7913	0.4014	0.0864	0.1413	1.0772	1.7603							
715	11	10	0.900	12.42	22.51	3.4286	3.5167	0.4151	0.0645	0.1496	0.7769	1.8027							
		11	0.0083	0.0057	0.0058	1.5805	1.8477	0.3459	0.0872	0.1207	1.2617	1.7449							
		12	0.1644	0.0519	0.0607														
715	12	10	0.899	12.42	33.80	1.8554	2.0439	0.4056	0.0688	0.1476	0.8482	1.8199							
		11	0.0888	0.0329	0.0363	1.5834	1.8790	0.2732	0.0782	0.0960	1.4323	1.7570							
		12	0.2389	0.0756	0.0898														
715	13	10	0.898	12.42	44.99	1.6149	1.8372	0.3416	0.0681	0.1245	0.9971	1.8227							
		11	0.1837	0.0593	0.0675	1.0482	1.8804	0.1787	0.0541	0.0651	1.5160	1.8234							
		12	0.3308	0.0693	0.1244														
715	14	10	0.899	12.41	56.29	1.5006	1.7688	0.2483	0.0731	0.0901	1.4730	1.8140							
		11	0.2685	0.0805	0.0949	1.5006	1.7688	0.2483	0.0731	0.0901	1.4730	1.8140							
		12	0.3921	0.0699	0.1460	0.8913	1.8621	0.0813	0.0277	0.0310	1.7079	1.9064							
715	15	10	0.899	12.41	67.48	1.2732	1.7492	0.1719	0.0489	0.0611	1.4230	1.7783							
		11	0.3340	0.0850	0.1168	0.8457	1.8424	0.0132	0.0059	0.0034	2.2284	1.3161							
		12	0.4059	0.0686	0.1495														
715	16	10	0.898	12.42	78.78	1.0565	1.7643	0.0903	0.0221	0.0309	1.2274	1.7146							
		11	0.3964	0.0837	0.1398	0.8517	1.8138	0.0135	0.0026	0.0019	0.9866	0.7256							
		12	0.3998	0.0665	0.1450														
715	17	10	0.897	12.42	89.99	0.8445	1.7718	0.0090	-0.0022	0.0012	-1.2428	0.6926							
		11	0.4058	0.0685	0.1438	0.8915	1.7976	0.0226	0.0016	0.0040	-0.3539	0.9012							
		12	0.4035	0.0719	0.1450														
716	1	10	0.897	9.31	89.99	1.2286	1.7801	0.0096	-0.0022	0.0017	-1.1638	0.8857							
		11	0.3082	0.0757	0.1097	1.2286	1.7801	0.0096	-0.0022	0.0017	-1.1638	0.8857							
		12	0.2939	0.0762	0.1063	1.2964	1.8089	0.0207	0.0017	0.0039	-0.4227	0.9453							
716	2	10	0.898	9.30	78.79	1.5803	1.7758	0.0663	0.0165	0.0219	1.2449	1.6531							
		11	0.2753	0.0870	0.0977	1.5803	1.7758	0.0663	0.0165	0.0219	1.2449	1.6531							
		12	0.3107	0.0736	0.1138	1.1851	1.8321	0.0137	0.0038	0.0013	1.4019	0.4944							
716	3	10	0.898	9.30	67.49														

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
			0.2327	0.0756	0.0820	1.6241	1.7618	0.1216	0.0359	0.0421	1.4784	1.7326								
			0.3041	0.0716	0.1121	1.1774	1.8432	0.0115	0.0023	0.0015	1.0019	0.6543								
716	4	10	0.898	9.30	56.29	1.6035	1.7704	0.1773	0.0554	0.0623	1.5627	1.7590								
		11	0.1820	0.0583	0.0644	1.5637	1.8647	0.0572	0.0139	0.0193	1.2211	1.6906								
		12	0.2693	0.0842	0.1004															
716	5	10	0.898	9.30	44.95	1.5159	1.8188	0.2305	0.0698	0.0826	1.5146	1.7933								
		11	0.1287	0.0390	0.0468	1.6414	1.8598	0.1285	0.0361	0.0450	1.4044	1.7525								
		12	0.2204	0.0723	0.0819															
716	6	10	0.900	9.30	33.79	1.3574	1.9773	0.2853	0.0833	0.1029	1.4607	1.8031								
		11	0.0578	0.0156	0.0228	1.7354	1.8277	0.1884	0.0564	0.0649	1.4980	1.7221								
		12	0.1688	0.0585	0.0617															
716	7	10	0.897	9.31	22.50	2.7733	1.5118	0.3164	0.0904	0.1149	1.4284	1.8165								
		11	0.0121	-0.0067	-0.0036	1.7129	1.8305	0.2365	0.0742	0.0821	1.5702	1.7370								
		12	0.1154	0.0395	0.0422															
716	8	10	0.898	9.32	11.30	2.2063	1.3383	0.3294	0.0944	0.1186	1.4342	1.8009								
		11	0.0102	-0.0045	-0.0027	1.6560	1.7615	0.2847	0.0881	0.1002	1.5473	1.7613								
		12	0.0603	0.0200	0.0212															
716	9	10	0.898	9.32	-0.00	-3.5381	1.8740	0.3130	0.0926	0.1114	1.4795	1.7880								
		11	0.0024	-0.0017	0.0009	2.3244	0.7611	0.3152	0.0933	0.1127	1.4810	1.7887								
		12	0.0030	0.0014	0.0004															
716	10	10	0.896	9.31	-11.30	-0.1246	1.8472	0.2763	0.0852	0.0971	1.5429	1.7572								
		11	0.0107	-0.0002	0.0039	1.5836	1.9130	0.3317	0.0949	0.1198	1.4307	1.8064								
		12	-0.0505	-0.0160	-0.0193															
716	11	10	0.900	9.31	-22.50	0.7892	1.7324	0.2296	0.0720	0.0802	1.5697	1.7483								
		11	0.0132	0.0020	0.0045	1.6585	1.8562	0.3263	0.0924	0.1189	1.4158	1.8228								
		12	-0.1057	-0.0350	-0.0392															
716	12	10	0.899	9.30	-33.80	1.8445	1.9908	0.1806	0.0541	0.0624	1.4990	1.7288								
		11	0.0464	-0.0171	-0.0185	1.7010	1.8390	0.2942	0.0854	0.1076	1.4526	1.8285								
		12	-0.1600	-0.0544	-0.0588															
716	13	10	0.899	9.30	-44.95	1.6954	1.8616	0.1232	0.0340	0.0444	1.3818	1.8048								
		11	0.1143	-0.0367	-0.0425	1.6055	1.8441	0.2488	0.0748	0.0905	1.5040	1.8182								
		12	-0.2132	-0.0684	-0.0786															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
716	14	10	0.898	9.30	-56.29	1.7011	1.7993	0.0564	0.0128	0.0207	1.1397	1.8366											
		11	-0.1762	-0.0599	-0.0634	1.5314	1.8519	0.1917	0.0605	0.0686	1.5784	1.7903											
		12	-0.2662	-0.0815	-0.0986																		
716	15	10	0.898	9.31	-67.49	1.7156	1.7912	0.0175	-0.0002	0.0050	-0.0817	1.4282											
		11	-0.2284	-0.0783	-0.0818	1.5064	1.8475	0.1370	0.0414	0.0481	1.5157	1.7572											
		12	-0.2929	-0.0882	-0.1082																		
716	16	10	0.899	9.31	-78.79	1.6635	1.8214	0.0160	-0.0007	0.0035	-0.2438	1.1216											
		11	-0.2688	-0.0894	-0.0979	1.5167	1.8319	0.0819	0.0219	0.0274	1.5365	1.6746											
		12	-0.3028	-0.0918	-0.1109																		
716	17	10	0.900	9.31	-90.00	1.5769	1.8358	0.0230	0.0005	0.0060	0.1190	1.3173											
		11	-0.3003	-0.0947	-0.1102	1.5638	1.8184	0.0258	0.0035	0.0068	0.6923	1.3160											
		12	-0.2882	-0.0901	-0.1048																		
717	3	10	0.898	6.22	-89.99	1.8937	1.7970	0.0097	-0.0029	0.0015	-1.5055	0.8071											
		11	-0.1719	-0.0651	-0.0617	1.8209	1.8001	0.0233	0.0031	0.0065	0.6640	1.3950											
		12	-0.1643	-0.0598	-0.0591																		
717	4	10	0.899	6.22	-78.79	1.9787	1.7924	0.0156	0.0005	0.0045	0.1707	1.4447											
		11	-0.1533	-0.0606	-0.0549	1.8036	1.8152	0.0591	0.0157	0.0189	1.3279	1.6018											
		12	-0.1669	-0.0602	-0.0606																		
717	5	10	0.898	6.22	-67.49	2.0221	1.8082	0.0276	0.0063	0.0096	1.1545	1.7468											
		11	-0.1275	-0.0515	-0.0461	1.7744	1.8156	0.0961	0.0294	0.0326	1.5322	1.6958											
		12	-0.1682	-0.0597	-0.0610																		
717	6	10	0.897	6.21	-56.29	2.1582	1.8420	0.0470	0.0147	0.0170	1.5709	1.8084											
		11	-0.0953	-0.0411	-0.0351	1.7964	1.8142	0.1269	0.0417	0.0438	1.6458	1.7271											
		12	-0.1507	-0.0541	-0.0546																		
717	7	10	0.897	6.21	-44.99	2.3465	1.9380	0.0720	0.0242	0.0262	1.6834	1.8200											
		11	-0.0582	-0.0273	-0.0225	1.8324	1.8165	0.1564	0.0522	0.0546	1.6689	1.7476											
		12	-0.1261	-0.0462	-0.0458																		
717	8	10	0.898	6.22	-33.80	3.0023	1.9075	0.1021	0.0360	0.0367	1.7647	1.7901											
		11	-0.0277	-0.0166	-0.0105	1.8200	1.8260	0.1807	0.0595	0.0640	1.6456	1.7716											
		12	-0.0975	-0.0354	-0.0356																		
717	9	10	0.897	6.23	-22.50	3.9014	1.8717	0.1368	0.0483	0.0475	1.7667	1.7382											
		11	-0.0123	-0.0096	-0.0046																		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd	-0.0674	-0.0235	-0.0248	1.7453	1.8397	0.1964	0.0646	0.0699	1.6458	1.7804
717	10	10	0.898	6.22	-11.29	4.6206	1.2797	0.1621	0.0559	0.0557	1.7238	1.7197
		11	-0.0060	-0.0055	-0.0015	1.7080	1.9179	0.1975	0.0660	0.0697	1.6709	1.7648
		12	-0.0327	-0.0111	-0.0125							
717	11	10	0.899	6.23	-0.00	-1.3123	3.3858	0.1836	0.0615	0.0641	1.6764	1.7455
		11	0.0034	-0.0008	0.0023	2.5568	0.6799	0.1896	0.0642	0.0663	1.6931	1.7486
		12	0.0022	0.0011	0.0003							
717	12	10	0.900	6.23	11.29	1.4857	2.3839	0.1878	0.0624	0.0665	1.6618	1.7723
		11	0.0116	0.0034	0.0055	1.7986	1.7364	0.1682	0.0578	0.0580	1.7191	1.7250
		12	0.0378	0.0136	0.0131							
717	13	10	0.899	6.21	22.49	1.9754	2.1265	0.1831	0.0602	0.0647	1.6443	1.7676
		11	0.0263	0.0104	0.0112	1.8215	1.7550	0.1410	0.0496	0.0486	1.7583	1.7252
		12	0.0732	0.0266	0.0257							
717	14	10	0.899	6.22	33.79	2.0887	2.0184	0.1684	0.0555	0.0588	1.6475	1.7451
		11	0.0446	0.0186	0.0180	1.8764	1.8017	0.1104	0.0388	0.0381	1.7571	1.7269
		12	0.1040	0.0390	0.0374							
717	15	10	0.898	6.19	44.99	2.0036	1.8997	0.1436	0.0476	0.0494	1.6581	1.7222
		11	0.0725	0.0290	0.0275	1.8838	1.8290	0.0747	0.0258	0.0260	1.7296	1.7404
		12	0.1305	0.0491	0.0477							
717	16	10	0.897	6.20	56.29	1.9744	1.8241	0.1134	0.0361	0.0390	1.5957	1.7233
		11	0.1049	0.0414	0.0382	1.8259	1.8151	0.0477	0.0163	0.0151	1.7107	1.5844
		12	0.1578	0.0576	0.0573							
717	17	10	0.898	6.20	67.49	1.9001	1.7437	0.0810	0.0233	0.0274	1.4396	1.6950
		11	0.1348	0.0512	0.0470	1.8204	1.8194	0.0339	0.0099	0.0096	1.4574	1.4152
		12	0.1693	0.0616	0.0616							
717	18	10	0.898	6.20	78.79	1.8316	1.7540	0.0442	0.0097	0.0147	1.1006	1.6666
		11	0.1563	0.0572	0.0548	1.8400	1.8082	0.0276	0.0058	0.0070	1.0550	1.2702
		12	0.1720	0.0632	0.0622							
717	19	10	0.897	6.20	89.99	1.7771	1.7609	0.0134	-0.0008	0.0031	-0.3258	1.1668
		11	0.1768	0.0628	0.0622	1.8654	1.7830	0.0170	0.0006	0.0025	0.1959	0.7603
		12	0.1658	0.0618	0.0591							
718	1	10	0.899	3.08	89.99							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →													
71A	2	11	0.0707	0.0290	0.0250	2.0536	1.7729	0.0102	-0.0021	0.0023	-1.0456	1.1445				
		12	0.0664	0.0296	0.0232	2.2302	1.7494	0.0153	0.0002	0.0024	0.0959	0.7939				
71A	3	10	0.899	3.09	78.79											
		11	0.0616	0.0256	0.0221	2.0815	1.7989	0.0234	0.0033	0.0072	0.7075	1.5356				
71A	3	12	0.0657	0.0298	0.0233	2.2720	1.7780	0.0241	0.0039	0.0053	0.6146	1.1043				
		10	0.901	3.09	67.49											
71A	4	11	0.0597	0.0245	0.0213	2.0538	1.7867	0.0362	0.0083	0.0120	1.1550	1.6587				
		12	0.0675	0.0303	0.0239	2.2458	1.7745	0.0348	0.0088	0.0094	1.2611	1.3494				
71A	5	10	0.897	3.09	56.29											
		11	0.0480	0.0201	0.0178	2.1002	1.8625	0.0504	0.0144	0.0170	1.4273	1.6937				
71A	5	12	0.0610	0.0274	0.0219	2.2447	1.7943	0.0443	0.0129	0.0129	1.4645	1.4627				
		10	0.896	3.09	44.99											
71A	6	11	0.0397	0.0162	0.0146	2.0399	1.8429	0.0603	0.0191	0.0205	1.5862	1.7020				
		12	0.0526	0.0233	0.0188	2.2170	1.7881	0.0543	0.0173	0.0169	1.5978	1.5578				
71A	7	10	0.897	3.10	33.79											
		11	0.0323	0.0123	0.0121	1.9141	1.8804	0.0700	0.0235	0.0239	1.6835	1.7099				
71A	7	12	0.0424	0.0186	0.0149	2.1936	1.7608	0.0665	0.0228	0.0213	1.7187	1.6027				
		10	0.898	3.10	22.49											
71A	8	11	0.0226	0.0077	0.0090	1.7192	2.0056	0.0742	0.0257	0.0242	1.7335	1.7304				
		12	0.0317	0.0137	0.0110	2.1740	1.7473	0.0753	0.0267	0.0258	1.7746	1.6059				
71A	9	10	0.896	3.10	11.29											
		11	0.0152	0.0039	0.0061	1.2960	2.0121	0.0734	0.0256	0.0255	1.7467	1.7383				
71A	9	12	0.0164	0.0072	0.0057	2.2021	1.7382	0.0811	0.0291	0.0263	1.7971	1.6252				
		10	0.898	3.10	-0.00											
71A	10	11	0.0082	0.0005	0.0033	0.3240	2.0506	0.0753	0.0262	0.0287	1.7401	1.7422				
		12	0.0026	0.0014	0.0007	2.6452	1.4480	0.0877	0.0317	0.0287	1.6076	1.6386				
71A	10	10	0.899	3.10	-11.30											
		11	0.0006	-0.0027	0.0005	4.3426	0.0696	0.0240	0.0245	1.7266	1.7602					
71A	11	12	-0.0116	-0.0043	-0.0050	1.8627	2.1636	0.0901	0.0328	0.0299	1.6188	1.6600				
		10	0.898	3.09	-22.50											
71A	11	11	-0.0089	-0.0071	-0.0030	3.9869	1.7180	0.0581	0.0193	0.0203	1.6661	1.7472				
		12	-0.0262	-0.0104	-0.0098	1.9849	1.8729	0.0874	0.0315	0.0293	1.8046	1.6782				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE


Run	Pt.	Cd	See Key 																								
718	12	10	0.095	3.10	-33.80	2.8931	1.7935	0.0493	0.0154	0.0172	1.5675	1.7467															
		11	-0.0219	-0.0126	-0.0078	2.0805	1.9336	0.0827	0.0292	0.0272	1.7689	1.6501															
		12	-0.0366	-0.0152	-0.0141																						
718	13	10	0.895	3.10	-44.99	2.6826	1.8022	0.0407	0.0115	0.0139	1.4121	1.7115															
		11	-0.0329	-0.0176	-0.0118	2.0942	1.8906	0.0770	0.0252	0.0254	1.7027	1.6538															
		12	-0.0484	-0.0202	-0.0183																						
71A	14	10	0.899	3.09	-56.29	2.5818	1.7891	0.0284	0.0062	0.0102	1.0961	1.8075															
		11	-0.0441	-0.0228	-0.0158	2.1271	1.8539	0.0646	0.0207	0.0210	1.6028	1.6324															
		12	-0.0557	-0.0237	-0.0206																						
71A	15	10	0.897	3.09	-67.49	2.5184	1.8071	0.0159	0.0009	0.0053	0.2891	1.6665															
		11	-0.0531	-0.0267	-0.0192	2.1404	1.8509	0.0534	0.0156	0.0171	1.4597	1.6070															
		12	-0.0626	-0.0268	-0.0231																						
71A	16	10	0.898	3.09	-78.79	2.4859	1.8166	-0.0014	-0.0056	-0.0015	19.4580	5.3829															
		11	-0.0597	-0.0296	-0.0216	2.1520	1.8786	0.0391	0.0094	0.0117	1.2105	1.4959															
		12	-0.0658	-0.0283	-0.0247																						
71A	17	10	0.898	3.10	-89.99	2.4134	1.7936	-0.0034	-0.0070	-0.0029	10.4089	4.3814															
		11	-0.0650	-0.0313	-0.0233	2.1781	1.9213	0.0230	0.0026	0.0056	0.5693	1.2241															
		12	-0.0617	-0.0269	-0.0237																						
719	1	10	0.897	-0.000	-90.00	-0.8726	1.1802	0.0079	-0.0025	0.0034	-1.8535	2.1879															
		11	0.0147	-0.0025	0.0034	-0.2352	0.9169	0.0206	-0.0019	0.0056	0.4839	1.5711															
		12	0.0177	0.0008	0.0032																						
719	2	10	0.898	-0.000	-78.80	-0.7590	1.2483	0.0070	-0.0021	0.0036	-1.4979	2.5505															
		11	0.0151	-0.0023	0.0037	-0.3225	1.0354	0.0210	0.0031	0.0059	0.7497	1.4102															
		12	0.0187	0.0012	0.0038																						
719	3	10	0.898	-0.000	-67.50	-0.6173	1.2243	0.0017	-0.0029	0.0048	-8.2270	5.6673															
		11	0.0154	-0.0019	0.0035	-0.2502	1.0691	0.0173	0.0028	0.0048	0.8163	1.4042															
		12	0.0166	0.0008	0.0035																						
719	4	10	0.896	-0.000	-56.30	-0.4418	1.5428	0.0006	-0.0024	0.0012	-19.9351	10.3970															
		11	0.0153	-0.0013	0.0047	-0.3885	1.1204	0.0159	0.0032	0.0044	1.0213	1.3858															
		12	0.0159	0.0012	0.0035																						
719	5	10	0.899	-0.000	-45.00	-0.2704	1.6134	-0.0031	-0.0029	0.0000	4.6961	-0.0013															
		11	0.0151	-0.0008	0.0048	-0.4004	1.0980	-0.0135	0.0032	0.0038	1.2178	1.4063															
		12	0.0126	0.0010	0.0027																						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																				
719	6	10	0.899	-0.000	-33.80	-0.0059	1.7167	-0.0062	-0.0033	-0.0004	2.6714	0.3775									
		11	0.0146	0.0009	0.0050	0.4269	1.2694	0.0118	0.0033	0.0031	1.4075	1.3511									
		12	0.0103	0.0009	0.0026																
719	7	10	0.899	-0.000	-22.50	0.1880	1.8280	-0.0072	-0.0033	-0.0012	2.2871	0.8652									
		11	0.0138	0.0005	0.0050	0.9402	1.3483	0.0112	0.0036	0.0031	1.6048	1.4254									
		12	0.0097	0.0018	0.0026																
719	8	10	0.899	-0.000	-11.30	0.1886	1.9046	-0.0104	-0.0039	-0.0020	1.8924	0.9025									
		11	0.0104	0.0003	0.0039	1.0166	0.9041	0.0105	0.0036	0.0028	1.7150	1.3724									
		12	0.0042	0.0008	0.0007																
719	9	10	0.899	-0.000	-0.00	0.4167	2.2745	-0.0094	-0.0035	-0.0017	1.8068	0.5178									
		11	0.0081	0.0006	0.0036	3.0566	1.6694	0.0102	0.0036	0.0027	1.7756	1.3433									
		12	0.0023	0.0014	0.0007																
719	10	10	0.900	-0.000	11.29	0.5924	3.2428	-0.0098	-0.0038	-0.0020	1.9379	1.0387									
		11	0.0047	0.0005	0.0030	13.6154	3.1979	0.0107	0.0037	0.0025	1.7413	1.2012									
		12	0.0007	0.0019	0.0004																
719	11	10	0.899	-0.000	22.49	1.5940	8.2960	-0.0098	-0.0040	-0.0021	2.0561	1.1101									
		11	0.0013	0.0004	0.0023	-6.7676	-0.0072	0.0110	0.0034	0.0024	1.5793	1.1019									
		12	-0.0016	0.0022	0.0000																
719	12	10	0.900	-0.000	33.79	0.2915	-1.1222	-0.0079	-0.0039	-0.0018	2.4946	1.1630									
		11	-0.0035	-0.0002	0.0007	-2.0187	1.1441	0.0099	0.0025	0.0018	1.3079	0.9184									
		12	-0.0046	0.0018	-0.0010																
719	13	10	0.901	-0.000	44.99	0.4874	0.4882	-0.0047	-0.0037	-0.0014	3.9483	1.4842									
		11	-0.0075	-0.0007	-0.0007	-1.9799	1.0567	0.0118	0.0026	0.0022	1.1373	0.9618									
		12	-0.0057	0.0022	-0.0012																
719	14	10	0.898	-0.001	56.29	0.5567	0.6667	-0.0024	-0.0036	-0.0010	7.4454	2.2309									
		11	-0.0112	-0.0012	-0.0014	-1.2494	1.2022	-0.0113	0.0015	0.0013	0.6793	0.6004									
		12	-0.0082	0.0020	-0.0019																
719	15	10	0.898	-0.001	67.49	0.2798	0.7594	-0.0008	-0.0042	-0.0010	23.7403	3.5134									
		11	-0.0108	-0.0006	-0.0016	-1.4121	1.0548	-0.0113	0.0006	0.0010	0.2821	0.4690									
		12	-0.0087	0.0024	-0.0018																
719	16	10	0.898	-0.001	78.79	0.3521	0.8537	0.0035	-0.0035	0.0006	-5.0505	0.8757									
		11	-0.0123	-0.0008	-0.0021	-2.0951	1.5057	0.0153	0.0009	0.0021	-0.3121	0.6926									
		12	-0.0071	0.0029	-0.0021																

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
719	17	10	0.898	-0.01	89.99	0.1039	0.8952	0.0060	-0.0040	0.0004	-3.3269	0.3886								
		11	-0.0109	-0.0002	-0.0019	-2.7529	1.7511	0.0169	0.0004	0.0022	0.1217	0.6730								
		12	-0.0061	0.0033	-0.0021															
720	1	10	0.898	-3.11	90.00	1.6199	1.5954	-0.0018	-0.0065	-0.0026	17.7246	7.1052								
		11	-0.0902	-0.0292	-0.0287	1.4142	1.6678	0.0171	0.0007	0.0024	0.2321	0.7062								
		12	-0.0823	-0.0232	-0.0274															
720	2	10	0.899	-3.11	78.79	1.5309	1.6071	-0.0105	-0.0086	-0.0051	4.0790	2.4346								
		11	-0.0923	-0.0301	-0.0296	1.4081	1.6184	-0.0032	-0.0052	-0.0039	7.9628	6.0211								
		12	-0.0800	-0.0225	-0.0258															
720	3	10	0.898	-3.10	67.50	1.6454	1.5949	-0.0242	-0.0126	-0.0092	2.6102	1.9058								
		11	-0.0888	-0.0292	-0.0283	1.3883	1.6452	-0.0210	-0.0102	-0.0094	2.4374	2.2326								
		12	-0.0713	-0.0198	-0.0234															
720	4	10	0.898	-3.10	56.30	1.6532	1.5717	-0.0377	-0.0165	-0.0133	2.1945	1.7677								
		11	-0.0808	-0.0267	-0.0254	1.3388	1.6367	-0.0363	-0.0150	-0.0144	2.0738	1.9606								
		12	-0.0604	-0.0161	-0.0197															
720	5	10	0.898	-3.10	45.00	1.6580	1.5666	-0.0519	-0.0211	-0.0180	2.0369	1.7320								
		11	-0.0664	-0.0220	-0.0208	1.2926	1.6740	-0.0498	-0.0190	-0.0184	1.9068	1.8536								
		12	-0.0471	-0.0121	-0.0157															
720	6	10	0.899	-3.10	33.80	1.6871	1.4985	-0.0620	-0.0243	-0.0213	1.9587	1.7165								
		11	-0.0505	-0.0170	-0.0151	1.1966	1.6494	-0.0575	-0.0213	-0.0205	1.8546	1.7683								
		12	-0.0348	-0.0083	-0.0114															
720	7	10	0.897	-3.10	22.50	1.7723	1.4714	-0.0731	-0.0276	-0.0247	1.8869	1.6944								
		11	-0.0312	-0.0110	-0.0091	1.0467	1.6401	-0.0650	-0.0237	-0.0231	1.8247	1.7838								
		12	-0.0215	-0.0045	-0.0070															
720	8	10	0.898	-3.09	11.29	2.2372	1.2134	-0.0773	-0.0266	-0.0257	1.8530	1.6606								
		11	-0.0107	-0.0047	-0.0021	0.4211	1.6376	-0.0637	-0.0232	-0.0225	1.8191	1.7687								
		12	-0.0065	-0.0005	-0.0021															
720	9	10	0.900	-3.10	-0.00	0.4324	2.2941	-0.0841	-0.0311	-0.0281	1.8507	1.6723								
		11	0.0093	0.0008	0.0042	2.0340	1.6028	-0.0649	-0.0235	-0.0229	1.8108	1.7681								
		12	0.0052	0.0021	0.0016															
720	10	10	0.897	-3.10	-11.30	1.1294	1.7354	-0.0857	-0.0318	-0.0290	1.8579	1.6910								
		11	0.0295	0.0066	0.0102	1.5912	1.5220	-0.0622	-0.0224	-0.0213	1.8051	1.7150								
		12	0.0176	0.0056	0.0053															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
720	11	10	0.897	-3.10	-22.50	1.2388	1.7252	-0.0781	-0.0291	-0.0260	1.8636	1.6673								
			0.0444	0.0110	0.0153	1.4989	1.6047	-0.0539	-0.0197	-0.0188	1.8320	1.7420								
			0.0311	0.0093	0.0100															
720	12	10	0.897	-3.10	-33.80	1.3679	1.6978	-0.0681	-0.0256	-0.0233	1.8828	1.7125								
			0.0631	0.0172	0.0214	1.4966	1.6034	-0.0448	-0.0167	-0.0154	1.8729	1.7228								
			0.0469	0.0140	0.0150															
720	13	10	0.898	-3.10	-45.00	1.3908	1.6588	-0.0534	-0.0207	-0.0180	1.9427	1.6859								
			0.0756	0.0210	0.0250	1.4954	1.5941	-0.0315	-0.0125	-0.0113	1.9928	1.7983								
			0.0607	0.0181	0.0193															
720	14	10	0.897	-3.10	-56.30	1.4013	1.6590	-0.0353	-0.0151	-0.0123	2.1382	1.7504								
			0.0839	0.0235	0.0278	1.5020	1.5882	-0.0203	-0.0091	-0.0074	2.2518	1.8272								
			0.0720	0.0216	0.0229															
720	15	10	0.899	-3.10	-67.50	1.4063	1.6302	-0.0161	-0.0092	-0.0059	2.8524	1.8393								
			0.0899	0.0252	0.0293	1.5043	1.5756	-0.0055	-0.0050	-0.0031	4.5850	2.8682								
			0.0817	0.0246	0.0257															
720	16	10	0.897	-3.11	-78.80	1.3969	1.6278	0.0047	-0.0031	0.0010	-3.2658	1.1499								
			0.0902	0.0252	0.0293	1.5063	1.5502	0.0075	-0.0014	0.0010	-0.9460	0.7047								
			0.0897	0.0270	0.0278															
720	17	10	0.897	-3.11	-90.80	1.3832	1.6037	0.0226	0.0020	0.0070	0.4418	1.5516								
			0.0901	0.0249	0.0289	1.5230	1.5627	0.0202	0.0016	0.0051	0.3968	1.2761								
			0.0949	0.0289	0.0296															
721	1	10	0.896	-3.10	-90.00	1.3990	1.6138	0.0212	0.0013	0.0067	0.3209	1.5807								
			0.0910	0.0254	0.0293	1.5036	1.5544	0.0185	0.0012	0.0047	0.3345	1.2670								
			0.0945	0.0284	0.0293															
721	2	10	0.897	-3.10	-78.80	1.4051	1.6129	0.0042	-0.0032	0.0007	-3.8328	0.9288								
			0.0919	0.0258	0.0288	1.5037	1.5646	0.0060	-0.0016	0.0007	-1.3685	0.6227								
			0.0923	0.0277	0.0288															
721	3	10	0.896	-3.10	-67.50	1.4057	1.6377	-0.0145	-0.0088	-0.0054	3.0528	1.8885								
			0.0888	0.0249	0.0291	1.4871	1.5758	-0.0067	-0.0053	-0.0030	3.9981	2.2666								
			0.0825	0.0245	0.0260															
721	4	10	0.899	-3.10	-56.30	1.3943	1.6512	-0.0362	-0.0154	-0.0125	2.1275	1.7348								
			0.0832	0.0232	0.0274															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
721	5	12	0.0734	0.0219	0.0232	1.4960	1.5851	-0.0191	-0.0086	-0.0071	2.2594	1.8611								
		10	0.899	-3.09	-45.00															
		11	0.0750	0.0207	0.0246	1.3827	1.6399	-0.0562	-0.0217	-0.0187	1.9344	1.6661								
		12	0.0622	0.0185	0.0197	1.4884	1.5904	-0.0328	-0.0129	-0.0117	1.9627	1.7840								
721	6	10	0.898	-3.09	-33.80															
		11	0.0634	0.0171	0.0215	1.3489	1.7000	-0.0706	-0.0264	-0.0238	1.8712	1.6036								
		12	0.0485	0.0145	0.0157	1.4944	1.6240	-0.0443	-0.0166	-0.0155	1.8771	1.7533								
721	7	10	0.898	-3.09	-22.50															
		11	0.0448	0.0111	0.0155	1.2477	1.7341	-0.0792	-0.0294	-0.0266	1.8617	1.6811								
		12	0.0340	0.0103	0.0109	1.5278	1.6130	-0.0535	-0.0194	-0.0185	1.8179	1.7338								
721	8	10	0.897	-3.12	-11.30															
		11	0.0278	0.0062	0.0103	1.1155	1.8559	-0.0849	-0.0314	-0.0282	1.8506	1.6629								
		12	0.0185	0.0059	0.0061	1.5931	1.6714	-0.0599	-0.0216	-0.0207	1.8031	1.7293								
721	9	10	0.899	-3.10	-0.00															
		11	0.0095	0.0006	0.0043	0.3563	2.2616	-0.0868	-0.0324	-0.0293	1.8666	1.6876								
		12	0.0055	0.0025	0.0016	2.2791	1.5183	-0.0638	-0.0229	-0.0222	1.7968	1.7401								
721	10	10	0.897	-3.11	11.29															
		11	-0.0123	-0.0053	-0.0026	2.1617	1.0583	-0.0852	-0.0318	-0.0285	1.8675	1.6759								
		12	-0.0054	-0.0000	-0.0018	0.0420	1.7139	-0.0661	-0.0238	-0.0233	1.8048	1.7648								
721	11	10	0.898	-3.09	22.49															
		11	-0.0323	-0.0114	-0.0089	1.7764	1.3783	-0.0772	-0.0294	-0.0263	1.9021	1.7032								
		12	-0.0215	-0.0042	-0.0064	0.9913	1.4993	-0.0630	-0.0228	-0.0220	1.8132	1.7530								
721	12	10	0.898	-3.09	33.80															
		11	-0.0502	-0.0170	-0.0150	1.6932	1.5002	-0.0699	-0.0275	-0.0239	1.9675	1.7126								
		12	-0.0331	-0.0076	-0.0106	1.1531	1.6059	-0.0593	-0.0217	-0.0213	1.8292	1.7964								
721	13	10	0.896	-3.10	45.00															
		11	-0.0693	-0.0232	-0.0212	1.6748	1.5339	-0.0589	-0.0242	-0.0202	2.0583	1.7122								
		12	-0.0455	-0.0112	-0.0148	1.2384	1.6287	-0.0486	-0.0183	-0.0178	1.8916	1.8356								
721	14	10	0.896	-3.11	56.30															
		11	-0.0817	-0.0273	-0.0256	1.6712	1.5661	-0.0469	-0.0206	-0.0168	2.1976	1.7993								
		12	-0.0592	-0.0155	-0.0191	1.3108	1.6155	-0.0356	-0.0148	-0.0143	2.0777	2.0141								
721	15	10	0.898	-3.12	67.50															

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																				
11		-0.0915	-0.0305	-0.0292	1.6686	1.5971	-0.0352	-0.0171	-0.0125	2.4378	1.7867										
12		-0.0688	-0.0186	-0.0226	1.3524	1.6448	-0.0203	-0.0100	-0.0096	2.4683	2.3573										
721	16	0.899	-0.0306	-0.0296	1.6529	1.6000	-0.0229	-0.0137	-0.0092	3.0090	2.0246										
11		-0.0927	-0.0208	-0.0247	1.3717	1.6297	-0.0003	-0.0041	-0.0032	55.7639	43.4878										
12		-0.0760	-0.0208	-0.0247	1.3717	1.6297	-0.0003	-0.0041	-0.0032	55.7639	43.4878										
721	17	0.899	-0.0298	-0.0291	1.6397	1.6035	-0.0164	-0.0124	-0.0075	3.7853	2.2970										
11		-0.0910	-0.0228	-0.0269	1.3914	1.6397	0.0184	0.0013	0.0028	0.3553	0.7854										
12		-0.0821	-0.0228	-0.0269	1.3914	1.6397	0.0184	0.0013	0.0028	0.3553	0.7854										
722	1	0.896	-0.0014	-0.0027	0.5155	1.0042	0.0090	-0.0065	-0.0012	0.1579	0.6646										
11		-0.0136	0.0027	-0.0024	-1.5953	1.4274	0.0000	0.0005	0.0022												
12		-0.0086	0.0027	-0.0024	-1.5953	1.4274	0.0000	0.0005	0.0022												
722	2	0.897	-0.0010	-0.0021	0.4097	0.8638	-0.0036	-0.0065	-0.0018	6.9873	2.5796										
11		-0.0122	0.0026	-0.0021	-1.4179	1.1681	0.0138	0.0004	0.0016	0.1671	0.6036										
12		-0.0092	0.0026	-0.0021	-1.4179	1.1681	0.0138	0.0004	0.0016	0.1671	0.6036										
722	3	0.896	-0.0017	-0.0022	0.6762	0.8613	-0.0071	-0.0065	-0.0026	4.5684	1.8765										
11		-0.0132	0.0024	-0.0018	-1.4803	1.2868	0.0130	0.0012	0.0015	0.4843	0.5824										
12		-0.0083	0.0024	-0.0018	-1.4803	1.2868	0.0130	0.0012	0.0015	0.4843	0.5824										
722	4	0.896	-0.0012	-0.0018	0.6162	0.6621	-0.0116	-0.0071	-0.0036	3.0445	1.5521										
11		-0.0102	0.0021	-0.0016	-1.6801	1.2593	0.0099	0.0010	0.0007	0.5342	0.3841										
12		-0.0073	0.0021	-0.0016	-1.6801	1.2593	0.0099	0.0010	0.0007	0.5342	0.3841										
722	5	0.897	-0.0006	-0.0016	0.6402	0.2077	-0.0135	-0.0069	-0.0040	2.5648	1.5130										
11		-0.0067	0.0021	-0.0016	-1.6337	1.2613	0.0116	0.0023	0.0018	1.0001	0.7867										
12		-0.0066	0.0021	-0.0016	-1.6337	1.2613	0.0116	0.0023	0.0018	1.0001	0.7867										
722	6	0.897	-0.0006	-0.0012	0.1357	-2.4001	-0.0158	-0.0070	-0.0042	2.2217	1.3424										
11		-0.0026	0.0029	-0.0004	-6.2999	0.9907	0.0107	0.0028	0.0018	1.5518	0.8519										
12		-0.0023	0.0029	-0.0004	-6.2999	0.9907	0.0107	0.0028	0.0018	1.5518	0.8519										
722	7	0.896	-0.0001	-0.0011	1.1915	3.2783	-0.0160	-0.0067	-0.0044	2.1017	1.3694										
11		0.8040	0.0009	0.0026	-28.7402	-4.8743	0.0097	0.0031	0.0021	1.6024	1.0948										
12		-0.0004	0.0027	0.0004	-28.7402	-4.8743	0.0097	0.0031	0.0021	1.6024	1.0948										
722	8	0.897	-0.0001	-0.0003	0.5634	2.4328	-0.0178	-0.0069	-0.0048	1.9555	1.3631										
11		0.8060	0.0006	0.0029	11.4818	1.4892	0.0110	0.0038	0.0025	1.7661	1.1778										
12		0.0010	0.0023	0.0003	11.4818	1.4892	0.0110	0.0038	0.0025	1.7661	1.1778										

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																				
722	9	0.898	-0.001	0.3794	2.0930	-0.0178	-0.0069	-0.0048	1.9555	1.3631											
	11	0.0087	0.0006	0.1389	2.1836	0.0104	0.0037	0.0025	1.8012	1.2414											
	12	0.0010	0.0012																		
722	10	0.898	-0.01	0.2241	1.8948	-0.0194	-0.0074	-0.0048	1.9290	1.2540											
	11	0.0117	0.0005	1.3518	0.9045	0.0105	0.0036	0.0025	1.7156	1.2255											
	12	0.0051	0.0013																		
722	11	0.896	-0.01	0.0852	1.6286	-0.0168	-0.0070	-0.0042	2.0789	1.2591											
	11	0.0140	0.0002	0.9185	1.3433	0.0102	0.0032	0.0025	1.5745	1.2606											
	12	0.0086	0.0015																		
722	12	0.897	-0.01	-0.0985	1.4955	-0.0137	-0.0063	-0.0033	2.3298	1.2023											
	11	0.0152	-0.0003	0.6816	1.0810	0.0118	0.0033	0.0030	1.4980	1.2856											
	12	0.0114	0.0015																		
722	13	0.897	-0.02	-0.0902	1.3737	-0.0102	-0.0057	-0.0021	2.8226	1.0724											
	11	0.0177	-0.0003	0.6248	1.1708	0.0133	0.0031	0.0033	1.1908	1.2544											
	12	0.0151	0.0018																		
722	14	0.896	-0.02	-0.3742	1.3772	-0.0062	-0.0050	-0.0004	4.0497	0.3763											
	11	0.0165	-0.0012	0.6586	1.1374	0.0146	0.0028	0.0041	0.9863	1.4066											
	12	0.0190	0.0025																		
722	15	0.897	-0.02	-0.7909	1.3629	-0.0031	-0.0050	-0.0001	8.2035	0.2459											
	11	0.0144	-0.0022	0.3953	1.0373	0.0173	0.0028	0.0045	0.8177	1.3148											
	12	0.0171	0.0013																		
722	16	0.897	-0.02	-0.5766	1.2244	-0.0009	-0.0052	0.0006	28.7567	-3.4480											
	11	0.0160	-0.0021	0.3366	1.0760	0.0210	0.0031	0.0056	0.7510	1.3365											
	12	0.0179	0.0012																		
722	17	0.897	-0.02	-0.7977	1.1865	0.0021	-0.0053	0.0012	-12.3501	2.9052											
	11	0.0152	-0.0024	0.2993	0.9814	0.0225	0.0026	0.0059	0.5775	1.3115											
	12	0.0180	0.0010																		
723	1	0.897	3.09	2.4275	1.7878	-0.0206	-0.0135	-0.0092	3.2695	2.2374											
	11	-0.0661	-0.0321	2.1600	1.9230	0.0245	0.0033	-0.0062	0.6858	1.2688											
	12	-0.0602	-0.0260																		
723	2	0.897	3.09	2.5189	1.7994	-0.0298	-0.0165	-0.0117	3.7669	1.9675											
	11	-0.0594	-0.0299	2.1255	1.8612	0.0390	0.0096	-0.0115	1.2319	1.4791											
	12	-0.0639	-0.0271																		

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key													
723	3	10	0.897	3.08	-67.49	2.5503	1.7622	-0.0117	-0.0089	-0.0040	3.7779	1.7265				
		11	-0.0545	-0.0278	-0.0192	2.0943	1.8619	0.0539	0.0158	0.0168	1.4722	1.5654				
		12	-0.0618	-0.0258	-0.0230											
723	4	10	0.897	3.08	-56.29	2.5833	1.7461	0.0123	0.0004	0.0046	0.1820	1.9015				
		11	-0.0444	-0.0229	-0.0155	2.0989	1.8834	0.0656	0.0211	0.0214	1.6077	1.6314				
		12	-0.0541	-0.0227	-0.0204											
723	5	10	0.897	3.08	-44.99	2.6381	1.7099	0.0261	0.0062	0.0093	1.2043	1.7934				
		11	-0.0346	-0.0182	-0.0118	2.0511	1.8929	0.0762	0.0260	0.0249	1.7071	1.6354				
		12	-0.0462	-0.0189	-0.0174											
723	6	10	0.895	3.09	-33.79	2.8951	1.7249	0.0413	0.0118	0.0142	1.4373	1.7234				
		11	-0.0223	-0.0129	-0.0077	2.0551	1.9350	0.0845	0.0299	0.0278	1.7727	1.6492				
		12	-0.0345	-0.0142	-0.0133											
723	7	10	0.897	3.10	-22.50	3.9433	1.6401	0.0514	0.0159	0.0176	1.5475	1.7166				
		11	-0.0094	-0.0074	-0.0030	1.9506	1.9505	0.0874	0.0315	0.0290	1.8046	1.6604				
		12	-0.0243	-0.0095	-0.0095											
723	8	10	0.896	3.09	-11.30	-6.7316	2.3153	0.0626	0.0206	0.0220	1.6459	1.7590				
		11	-0.0019	-0.0026	0.0009	1.7551	2.4095	0.0902	0.0328	0.0298	1.8188	1.6514				
		12	-0.0098	-0.0034	-0.0047											
723	9	10	0.895	3.09	-0.00	0.4796	1.8412	0.0705	0.0237	0.0241	1.6790	1.7076				
		11	0.0095	0.0009	0.0035	3.0233	0.2763	0.0895	0.0321	0.0292	1.7945	1.6338				
		12	0.0027	0.0016	0.0001											
723	10	10	0.896	3.10	11.29	1.2476	2.1225	0.0749	0.0255	0.0256	1.7046	1.7065				
		11	0.0148	0.0036	0.0062	2.2036	1.6630	0.0827	0.0295	0.0272	1.7862	1.6442				
		12	0.0189	0.0083	0.0062											
723	11	10	0.897	3.09	22.49	1.7179	2.0041	0.0682	0.0223	0.0235	1.6369	1.7263				
		11	0.0233	0.0080	0.0093	2.2272	1.7534	0.0745	0.0263	0.0238	1.7640	1.5989				
		12	0.0297	0.0132	0.0104											
723	12	10	0.898	3.08	33.79	1.9160	1.8931	0.0650	0.0208	0.0224	1.6001	1.7276				
		11	0.0332	0.0127	0.0125	2.1867	1.7445	0.0664	0.0224	0.0206	1.6879	1.5547				
		12	0.0444	0.0194	0.0155											
723	13	10	0.897	3.08	44.99	2.0369	1.8651	0.0546	0.0163	0.0183	1.4928	1.6779				
		11	0.0417	0.0169	0.0155	2.2354	1.7776	0.0551	0.0174	0.0169	1.5825	1.5320				
		12	0.0524	0.0234	0.0186											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →														
723	14	10	0.898	3.009	56.29	2.0509	1.8112	0.0441	0.0120	0.0156	1.3703	1.7737					
		11	0.0510	0.0277	0.0184	2.2395	1.7397	0.0448	0.0130	0.0129	1.4601	1.4444					
		12	0.0619	0.0277	0.0215												
723	15	10	0.897	3.07	67.49	2.0729	1.7863	0.0329	0.0073	0.0114	1.1226	1.7366					
		11	0.0577	0.0239	0.0206	2.2716	1.7419	0.0345	0.0085	0.0091	1.2398	1.3213					
		12	0.0658	0.0299	0.0229												
723	16	10	0.897	3.08	78.79	2.0517	1.7770	0.0241	0.0033	0.0072	0.6851	1.4912					
		11	0.0641	0.0263	0.0228	2.2457	1.7628	0.0229	0.0034	0.0045	0.7485	0.9939					
		12	0.0677	0.0304	0.0238												
723	17	10	0.897	3.07	89.99	2.0577	1.7947	0.0108	0.0020	0.0023	-0.9336	1.0849					
		11	0.0677	0.0278	0.0243	2.2192	1.7401	0.0156	0.0003	0.0019	0.0964	0.6291					
		12	0.0668	0.0296	0.0232												
724	1	10	0.899	6.19	89.99	1.7807	1.7684	0.0125	0.0013	0.0029	-0.5531	1.1837					
		11	0.1731	0.0616	0.0612	1.8876	1.7817	0.0176	0.0006	0.0022	-0.1883	0.6434					
		12	0.1683	0.0635	0.0599												
724	2	10	0.899	6.19	78.79	1.8163	1.7417	0.0448	0.0099	0.0143	1.1096	1.6023					
		11	0.1599	0.0581	0.0557	1.8518	1.8040	0.0284	0.0059	0.0062	1.0444	1.0939					
		12	0.1730	0.0640	0.0624												
724	3	10	0.898	6.19	67.49	1.8792	1.7382	0.0817	0.0229	0.0270	1.4054	1.6555					
		11	0.1365	0.0513	0.0474	1.8204	1.8241	0.0328	0.0092	0.0088	1.4076	1.3432					
		12	0.1687	0.0614	0.0615												
724	4	10	0.900	6.19	56.29	1.9481	1.7785	0.1129	0.0360	0.0386	1.5983	1.7129					
		11	0.1086	0.0423	0.0386	1.8395	1.8161	0.0475	0.0160	0.0150	1.6920	1.5800					
		12	0.1550	0.0570	0.0563												
724	5	10	0.900	6.19	44.99	1.9829	1.8787	0.1411	0.0466	0.0481	1.6537	1.7067					
		11	0.0767	0.0304	0.0288	1.8767	1.7988	0.0739	0.0253	0.0248	1.7131	1.6820					
		12	0.1318	0.0394	0.0474												
724	6	10	0.899	6.19	33.79	2.0232	1.9443	0.1657	0.0545	0.0575	1.6474	1.7369					
		11	0.0493	0.0199	0.0191	1.8866	1.8076	0.1083	0.0381	0.0371	1.7596	1.7163					
		12	0.1035	0.0390	0.0374												
724	7	10	0.899	6.20	22.49	1.9037	2.0882	0.1823	0.0600	0.0636	1.6457	1.7461					
		11	0.0290	0.0110	0.0121												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run Pt.	Cd	0.0720	0.0264	0.0256	1.8342	1.7802	0.1423	0.0500	0.0484	1.7575	1.7014
724	8	12	10	11	12	1.4940	2.2931	0.1847	0.0612	0.0647	1.6570
						1.8157	1.7134	0.1705	0.0585	1.7172	1.7087
724	9	10	11	12	-0.5034	2.4083	0.1757	0.0589	0.0608	1.6776	1.7322
					2.6636	0.7967	0.1884	0.0637	0.0651	1.6919	1.7289
724	10	10	11	12	5.3197	1.3606	0.1567	0.0535	0.0536	1.7096	1.7125
					1.6646	1.9306	0.1975	0.0658	0.0690	1.6681	1.7489
724	11	10	11	12	3.8732	1.9885	0.1318	0.0461	0.0454	1.7488	1.7231
					1.7450	1.8272	0.1964	0.0646	0.0689	1.6444	1.7547
724	12	10	11	12	3.1203	2.0359	0.0993	0.0338	0.0345	1.7051	1.7396
					1.8122	1.8145	0.1828	0.0598	0.0640	1.6375	1.7520
724	13	10	11	12	2.3874	1.9544	0.0674	0.0216	0.0239	1.6066	1.7601
					1.8302	1.8034	0.1604	0.0532	0.0554	1.6588	1.7292
724	14	10	11	12	2.1582	1.8428	0.0368	0.0100	0.0128	1.3649	1.7348
					1.7927	1.8258	0.1304	0.0428	0.0444	1.6409	1.7053
724	15	10	11	12	2.0014	1.7953	0.0162	0.0013	0.0049	0.4050	1.5384
					1.7734	1.8122	0.0984	0.0302	0.0332	1.5345	1.6874
724	16	10	11	12	1.9836	1.8082	0.0023	-0.0043	-0.0009	-9.2307	-1.9676
					1.8076	1.8260	0.0646	-0.0173	-0.0203	1.3400	1.5721
724	17	10	11	12	1.9063	1.8095	-0.0004	-0.0072	-0.0026	76.4609	28.0641
					1.8308	1.7882	-0.0261	-0.0039	-0.0066	0.7594	1.2719
725	1	10			9.32	-90.00					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
725	2	11	-0.3063	-0.0956	-0.1125	1.5615	1.8377	0.0307	0.0017	0.0078	0.2845	1.2700						
		12	-0.2780	-0.0882	-0.1005	1.5875	1.8085	0.0272	0.0042	0.0071	0.7725	1.3045						
725	3	10	0.897	9.33	-78.79	1.6580	1.8085	0.0201	-0.0001	0.0043	-0.0459	1.0838						
		12	-0.2727	-0.0904	-0.0986	1.5469	1.8302	0.0851	0.0231	0.0283	1.3610	1.6668						
725	4	10	0.899	9.33	-67.49	1.7044	1.7877	0.0213	0.0008	0.0063	0.1947	1.4930						
		12	-0.2853	-0.0867	-0.1049	1.5199	1.8386	0.1417	0.0431	0.0493	1.5242	1.7411						
725	5	10	0.900	9.32	-56.29	1.7061	1.7895	0.0455	0.0089	0.0160	0.9850	1.7606						
		12	-0.1830	-0.0624	-0.0655	1.5390	1.8604	0.1935	0.0611	0.0690	1.5794	1.7827						
725	6	10	0.898	9.32	-44.99	1.6960	1.8480	0.1139	0.0306	0.0412	1.3431	1.8118						
		12	-0.1233	-0.0418	-0.0455	1.6044	1.8442	0.2491	0.0750	0.0901	1.5069	1.8097						
725	7	10	0.898	9.31	-33.79	1.8612	2.0334	0.1736	0.0520	0.0604	1.4977	1.7406						
		12	-0.0485	-0.0180	-0.0197	1.7013	1.8481	0.2958	0.0858	0.1085	1.4508	1.8339						
725	8	10	0.898	9.32	-22.50	0.5150	1.7379	0.2315	0.0726	0.0803	1.5679	1.7350						
		12	-0.1031	-0.0342	-0.0388	1.6589	1.8831	0.5296	0.0930	0.1202	1.4115	1.8239						
725	9	10	0.897	9.32	-11.30	-0.5045	2.2142	0.2753	0.0851	0.0963	1.5460	1.7494						
		12	-0.0089	-0.0009	-0.0039	1.5835	1.9600	0.3344	0.0956	0.1207	1.4294	1.8046						
725	10	10	0.898	9.32	-0.00	21.8193	-1.1568	0.3103	0.0921	0.1099	1.4840	1.7718						
		12	-0.0006	-0.0017	0.0007	1.8926	0.8172	0.3173	0.0938	0.1128	1.4787	1.7787						
725	11	10	0.899	9.33	11.30	1.9428	1.3255	0.3259	0.0939	0.1169	1.4412	1.7949						
		12	-0.0127	-0.0049	-0.0033	1.6659	1.7587	0.2824	0.0873	0.0991	1.5471	1.7559						
725	12	10	0.899	9.31	-22.50	2.2476	1.5132	0.3168	0.0906	0.1140	1.4310	1.7998						
		12	-0.0162	-0.0072	-0.0049	1.7222	1.8217	0.2343	0.0736	0.0809	1.5706	1.7276						

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																																						
725	12	10	0.898	9.31	33.79																																			
			0.0549	0.0144	0.0220			1.3109	2.0031	0.2834	0.0830	0.1023	1.4650	1.6050																										
			0.1665	0.0578	0.0615			1.7376	1.8468	0.1846	0.0552	0.0634	1.4972	1.7170																										
725	13	10	0.899	9.30	44.99																																			
			0.1310	0.0393	0.0477			1.4997	1.8227	0.2318	0.0705	0.0826	1.5220	1.7817																										
			0.2203	0.0723	0.0822			1.6414	1.8659	0.1258	0.0352	0.0439	1.4003	1.7478																										
725	14	10	0.900	9.30	56.29																																			
			0.1329	0.0580	0.0646			1.5858	1.7664	0.1787	0.0559	0.0625	1.5661	1.7503																										
			0.2659	0.0834	0.0997			1.5690	1.8757	0.0560	0.0133	0.0184	1.1890	1.6426																										
725	15	10	0.901	9.30	67.49																																			
			0.2280	0.0739	0.0805			1.6216	1.7654	0.1245	0.0367	0.0431	1.4745	1.7303																										
			0.2958	0.0904	0.1102			1.5284	1.8632	0.0120	-0.0008	0.0010	-0.3375	0.4388																										
725	16	10	0.897	9.31	78.79																																			
			0.2797	0.0891	0.0988			1.5937	1.7676	0.0672	0.0164	0.0225	1.2257	1.6767																										
			0.3048	0.0928	0.1124			1.5226	1.8440	0.0141	0.0008	0.0015	0.3032	0.5369																										
725	17	10	0.898	9.31	89.99																																			
			0.3096	0.0944	0.1110			1.5254	1.7931	0.0107	-0.0018	0.0018	-0.6788	0.8772																										
			0.2921	0.0929	0.1065			1.5907	1.8236	0.0205	0.0017	0.0034	-0.4331	0.8490																										
726	1	10	0.899	12.43	89.99																																			
			0.4073	0.0688	0.1439			0.8455	1.7671	0.0115	-0.0013	0.0020	-0.5912	0.8602																										
			0.4026	0.0717	0.1449			0.8903	1.7999	0.0244	0.0019	0.0044	-0.4050	0.9020																										
726	2	10	0.901	12.43	78.78																																			
			0.4016	0.0848	0.1414			1.0565	1.7606	0.0915	0.0226	0.0312	1.2350	1.7047																										
			0.4012	0.0667	0.1460			0.8320	1.8192	0.0149	0.0024	0.0018	0.8082	0.6102																										
726	3	10	0.901	12.43	67.48																																			
			0.3398	0.0855	0.1191			1.2585	1.7528	0.1692	0.0484	0.0602	1.4312	1.7786																										
			0.4042	0.0680	0.1496			0.8419	1.8507	0.0147	0.0061	0.0034	2.0899	1.1849																										
726	4	10	0.900	12.43	56.29																																			
			0.2703	0.0811	0.0950			1.5009	1.7580	0.2450	0.0725	0.0867	1.4808	1.8100																										
			0.3887	0.0695	0.1458			0.8948	1.8756	0.0776	0.0265	0.0297	1.7081	1.9185																										
726	5	10	0.898	12.43	44.99																																			
			0.1963	0.0580	0.0714			1.4793	1.8185	0.3295	0.0892	0.1215	1.3542	1.8445																										
			0.3292	0.0689	0.1241			1.0465	1.8858	0.1742	0.0529	0.0633	1.5194	1.8167																										

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key

Run	Pt.	Cd																		
726	6	10	0.900	12.44	33.80	1.8409	2.0495	0.4052	0.0690	0.1472	0.0957	0.0514	1.8163							
		11	0.0861	0.0317	0.0353	1.5983	1.8947	0.2738	0.0782	0.1472	0.0957	0.0514	1.7490							
		12	0.2330	0.0745	0.0883															
726	7	10	0.901	12.44	22.51	2.8228	2.9601	0.4185	0.0661	0.1508	0.07899	1.8015								
		11	0.0096	0.0054	0.0056	1.5800	1.8717	0.3440	0.0874	0.1198	1.2711	1.7414								
		12	0.1633	0.0519	0.0611															
726	8	10	0.898	12.44	11.31	1.7962	1.0595	0.4086	0.0627	0.1457	0.07678	1.7834								
		11	0.0086	-0.0031	-0.0018	1.5330	1.8353	0.4020	0.0860	0.1413	1.0701	1.7581								
		12	0.0846	0.0259	0.0310															
726	9	10	0.098	12.45	0.00	26.3234	-1.1004	0.4194	0.0687	0.1477	0.08196	1.7607								
		11	0.0006	-0.0033	0.0001	2.0784	0.6823	0.4296	0.0721	0.1516	0.08400	1.7647								
		12	0.0333	0.0014	0.0004															
726	10	10	0.898	12.45	-11.31	1.8529	1.6693	0.3982	0.0834	0.1396	1.0475	1.7530								
		11	0.0099	-0.0036	0.0033	-1.4693	1.9361	0.4229	0.0663	0.1507	0.07849	1.7622								
		12	-0.0760	-0.0223	-0.0294															
726	11	10	0.899	12.45	-22.51	1.0371	-1.1883	0.3354	0.0842	0.1167	1.2551	1.7398								
		11	0.0035	-0.0078	-0.0008	1.5394	1.8765	0.4181	0.0653	0.1512	0.07816	1.8062								
		12	-0.1583	-0.0487	-0.0594															
726	12	10	0.898	12.45	-33.80	2.2050	2.1006	0.2646	0.0764	0.0926	1.4442	1.7515								
		11	0.0750	-0.0330	-0.0315	1.5463	1.8570	0.4161	0.0698	0.1524	0.8388	1.8311								
		12	-0.2330	-0.0720	-0.0865															
726	13	10	0.897	12.45	-44.99	1.7347	1.8802	0.1758	0.0495	0.0633	1.4085	1.8014								
		11	0.1748	-0.0606	-0.0657	1.4090	1.8728	0.3587	0.0697	0.1320	0.9723	1.8400								
		12	-0.3119	-0.0879	-0.1168															
726	14	10	0.897	12.45	-56.29	1.4686	1.7902	0.0790	0.0250	0.0303	1.5874	1.9190								
		11	0.2600	-0.0763	-0.0930	0.9068	1.8364	0.2702	0.0684	0.0993	1.2667	1.8374								
		12	-0.3864	-0.0700	-0.1419															
726	15	10	0.898	12.46	-67.49	1.2917	1.7728	0.0294	0.0104	0.0103	1.7764	1.7494								
		11	0.3346	-0.0864	-0.1186	0.8606	1.8297	0.1858	0.0543	0.0671	1.4617	1.8067								
		12	-0.4029	-0.0693	-0.1474															
726	16	10	0.899	12.46	-78.79	1.0564	1.7865	0.0426	0.0097	0.0141	1.1386	1.6651								
		11	0.3985	-0.0842	-0.1424	0.8399	1.8076	0.1099	0.0293	0.0377	1.3334	1.7184								
		12	-0.3996	-0.0671	-0.1445															

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																				
726	17	10	0.900	12.46	-90.00	0.8457	1.7903	0.0554	0.0096	0.0183	0.0671	1.6586									
		11	-0.4100	-0.0693	-0.1468	0.9128	1.7913	0.0283	0.0044	0.0071	0.7860	1.2530									
		12	-0.4027	-0.0735	-0.1442																
727	6	10	0.898	12.44	-90.01	0.8318	1.7873	0.0796	0.0163	0.0280	0.9438	1.7576									
		11	-0.4118	-0.0685	-0.1472	0.9406	1.7967	0.0316	0.0059	0.0088	0.7860	1.3927									
		12	-0.3987	-0.0750	-0.1432																
727	7	10	0.897	12.45	-78.79	1.0238	1.7826	0.0610	0.0133	0.0209	1.0967	1.7168									
		11	-0.4023	-0.0823	-0.1434	0.8610	1.8160	0.1121	0.0305	0.0389	1.3618	1.7376									
		12	-0.3973	-0.0684	-0.1443																
727	8	10	0.897	12.45	-67.49	1.2706	1.7726	0.0293	0.0099	0.0106	1.6969	1.8134									
		11	-0.3407	-0.0866	-0.1208	0.8682	1.8294	0.1917	0.0565	0.0693	1.4742	1.8097									
		12	-0.4044	-0.0702	-0.1479																
727	9	10	0.896	12.45	-56.29	1.4313	1.7815	0.0744	0.0237	0.0288	1.5957	1.9358									
		11	-0.2676	-0.0766	-0.0953	1.9253	1.8478	0.2681	0.0779	0.0988	1.4533	1.8434									
		12	-0.3817	-0.0706	-0.1410																
727	10	10	0.896	12.44	-44.99	1.7233	1.8751	0.1689	0.0513	0.0612	1.5200	1.8145									
		11	-0.1797	-0.0619	-0.0674	1.1001	1.8509	0.3618	0.0704	0.1334	0.9733	1.8444									
		12	-0.3171	-0.0697	-0.1174																
727	11	10	0.896	12.44	-33.80	2.2001	2.1294	0.2601	0.0754	0.0912	1.4499	1.7543									
		11	-0.0758	-0.0333	-0.0322	1.5487	1.8598	0.4171	0.0704	0.1533	0.8442	1.8376									
		12	-0.2326	-0.0720	-0.0865																
727	12	10	0.897	12.44	-22.51	11.6140	-2.2351	0.3370	0.0847	0.1178	1.2569	1.7483									
		11	0.0032	-0.0075	-0.0014	1.5544	1.8634	0.4194	0.0658	0.1523	0.7853	1.8160									
		12	-0.1550	-0.0481	-0.0577																
727	13	10	0.897	12.44	-11.30	2.1187	1.5616	0.3943	0.0838	0.1387	1.0626	1.7586									
		11	0.0096	-0.0040	0.0030	-1.4795	1.9364	0.4217	0.0664	0.1509	0.7880	1.7894									
		12	-0.0771	-0.0228	-0.0298																
727	14	10	0.898	12.44	0.00	8.3600	2.2250	0.4187	0.0700	0.1483	0.8364	1.7709									
		11	-0.0027	-0.0046	-0.0012	1.7582	0.7606	0.4272	0.0722	0.1518	0.8457	1.7774									
		12	-0.0050	0.0017	0.0007																
727	15	10	0.897	12.44	11.31	1.9821	1.4508	0.4115	0.0631	0.1468	0.7673	1.7845									
		11	-0.0121	-0.0048	-0.0035	1.5136	1.8219	0.4027	0.0862	0.1421	0.7071	1.7653									
		12	-0.0854	0.0258	0.0311																

← See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key \longleftrightarrow

Run Pt.	Cd																			
727	16	10	0.897	12.42	22.51	7.1399	7.5839	0.4171	0.0662	0.1509	0.7941	1.0093								
		11	0.0023	0.0033	0.0035	1.5831	1.8589	0.3412	0.0866	0.1195	1.2698	1.7511								
		12	0.1628	0.0515	0.0605															
727	17	10	0.899	12.43	33.80	1.8310	2.0729	0.4057	0.0696	0.1475	0.8581	1.6104								
		11	0.0868	0.0318	0.0360	1.5836	1.8946	0.2705	0.0775	0.0949	1.4328	1.7543								
		12	0.2367	0.0749	0.0696															
727	18	10	0.897	12.42	44.99	1.5962	1.8442	0.3387	0.0688	0.1232	1.0169	1.8188								
		11	0.1860	0.0593	0.0686	1.0571	1.8790	0.1753	0.0535	0.0638	1.5262	1.8204								
		12	0.3269	0.0691	0.1228															
727	19	10	0.898	12.42	56.29	1.5082	1.7692	0.2447	0.0728	0.0886	1.4869	1.6105								
		11	0.2711	0.0817	0.0959	0.8963	1.8713	0.0782	0.0272	0.0299	1.7382	1.9146								
		12	0.3878	0.0695	0.1451															
727	20	10	0.898	12.41	67.48	1.2539	1.7566	0.1699	0.0489	0.0614	1.4396	1.8072								
		11	0.3419	0.0857	0.1201	0.8423	1.8539	0.0141	0.0064	0.0039	2.2764	1.4008								
		12	0.4047	0.0681	0.1500															
727	21	10	0.897	12.42	78.78	1.0500	1.7680	0.0895	0.0222	0.0314	1.2434	1.7545								
		11	0.3946	0.0828	0.1395	0.8353	1.8230	0.0155	0.0025	0.0022	0.8169	0.7368								
		12	0.3969	0.0663	0.1447															
727	22	10	0.896	12.42	89.99	0.8443	1.7773	0.0082	-0.0021	0.0014	-1.2832	0.8582								
		11	0.4068	0.0687	0.1446	0.8882	1.8019	0.0257	0.0024	0.0052	0.4228	1.0102								
		12	0.4013	0.0713	0.1446															
728	1	10	0.898	9.30	89.99	1.2226	1.7938	0.0117	-0.0012	0.0026	-0.5292	1.1326								
		11	0.3097	0.0757	0.1111	1.2799	1.8189	0.0195	0.0015	0.0036	0.3929	0.9377								
		12	0.2960	0.0757	0.1077															
728	2	10	0.898	9.30	78.79	1.5916	1.7758	0.0683	0.0174	0.0231	1.2787	1.6920								
		11	0.2804	0.0892	0.0996	1.1686	1.8299	0.0130	0.0037	0.0010	1.4544	0.4110								
		12	0.3118	0.0728	0.1141															
728	3	10	0.897	9.30	67.49	1.6285	1.7833	0.1263	0.0371	0.0441	1.4714	1.7464								
		11	0.2295	0.0747	0.0818	1.5154	1.8690	0.0115	-0.0009	0.0015	-0.4151	0.6603								
		12	0.2997	0.0908	0.1120															
728	4	10	0.897	9.30	56.29	1.5617	1.7803	0.1764	0.0556	0.0626	1.5771	1.7741								
		11	0.1851	0.0578	0.0659	1.5647	1.8796	0.0534	0.0128	0.0181	1.2005	1.6933								
		12	0.2667	0.0834	0.1002															

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																					
728	5	10	0.898	9.30	44.99	1.4889	1.8206	0.2341	0.0712	0.0841	1.5219	1.7962	0.2214	0.0722	0.0829	1.6320	1.8731	0.1240	0.0347	0.0438	1.4015	1.7684
	11	11	0.1330	0.396	0.0484	1.6320	1.8731	0.1240	0.0347	0.0438	1.4015	1.7684	0.2214	0.0722	0.0829	1.6320	1.8731	0.1240	0.0347	0.0438	1.4015	1.7684
	12	12	0.2214	0.0722	0.0829	1.6320	1.8731	0.1240	0.0347	0.0438	1.4015	1.7684	0.2214	0.0722	0.0829	1.6320	1.8731	0.1240	0.0347	0.0438	1.4015	1.7684
728	6	10	0.897	9.30	33.79	1.2973	2.0713	0.2851	0.0835	0.1032	1.4655	1.8113	0.1640	0.0570	0.0607	1.7394	1.8531	0.1838	0.0554	0.0637	1.5090	1.7343
	11	11	0.0521	0.135	0.0216	1.7394	1.8531	0.1838	0.0554	0.0637	1.5090	1.7343	0.1640	0.0570	0.0607	1.7394	1.8531	0.1838	0.0554	0.0637	1.5090	1.7343
	12	12	0.1640	0.0570	0.0607	1.7394	1.8531	0.1838	0.0554	0.0637	1.5090	1.7343	0.1640	0.0570	0.0607	1.7394	1.8531	0.1838	0.0554	0.0637	1.5090	1.7343
728	7	10	0.897	9.30	22.50	2.0051	1.1566	0.3154	0.0906	0.1130	1.4372	1.8047	-0.0146	-0.0058	-0.0033	1.7223	1.8705	0.2304	0.0727	0.0799	1.5782	1.7350
	11	11	0.0146	-0.0058	-0.0033	1.7223	1.8705	0.2304	0.0727	0.0799	1.5782	1.7350	-0.0146	-0.0058	-0.0033	1.7223	1.8705	0.2304	0.0727	0.0799	1.5782	1.7350
	12	12	0.1143	0.0393	0.0427	1.7223	1.8705	0.2304	0.0727	0.0799	1.5782	1.7350	0.1143	0.0393	0.0427	1.7223	1.8705	0.2304	0.0727	0.0799	1.5782	1.7350
728	8	10	0.895	9.31	11.30	1.9168	1.3116	0.3228	0.0937	0.1157	1.4522	1.7931	-0.0105	-0.0040	-0.0027	1.9168	1.3116	0.3228	0.0937	0.1157	1.4522	1.7931
	11	11	0.0105	-0.0040	-0.0027	1.9168	1.3116	0.3228	0.0937	0.1157	1.4522	1.7931	-0.0105	-0.0040	-0.0027	1.9168	1.3116	0.3228	0.0937	0.1157	1.4522	1.7931
	12	12	0.0599	0.0199	0.0216	1.9168	1.3116	0.3228	0.0937	0.1157	1.4522	1.7931	0.0599	0.0199	0.0216	1.9168	1.3116	0.3228	0.0937	0.1157	1.4522	1.7931
728	9	10	0.896	9.32	-0.00	-9.7198	3.5107	0.3094	0.0923	0.1099	1.4923	1.7760	0.0010	-0.0021	0.0007	1.9997	1.1178	0.3147	0.0934	0.1128	1.4850	1.7931
	11	11	0.0010	-0.0021	0.0007	-9.7198	3.5107	0.3094	0.0923	0.1099	1.4923	1.7760	0.0010	-0.0021	0.0007	1.9997	1.1178	0.3147	0.0934	0.1128	1.4850	1.7931
	12	12	0.0041	0.0016	0.0009	-9.7198	3.5107	0.3094	0.0923	0.1099	1.4923	1.7760	0.0041	0.0016	0.0009	1.9997	1.1178	0.3147	0.0934	0.1128	1.4850	1.7931
728	10	10	0.897	9.32	-11.30	-0.0551	1.9076	0.2717	0.0845	0.0949	1.5563	1.7471	-0.0120	-0.0001	0.0045	-0.0551	1.8715	0.3344	0.0956	0.1208	1.4305	1.8060
	11	11	0.0120	-0.0001	0.0045	-0.0551	1.9076	0.2717	0.0845	0.0949	1.5563	1.7471	-0.0120	-0.0001	0.0045	-0.0551	1.8715	0.3344	0.0956	0.1208	1.4305	1.8060
	12	12	-0.0500	-0.0159	-0.0187	-0.0551	1.9076	0.2717	0.0845	0.0949	1.5563	1.7471	-0.0500	-0.0159	-0.0187	-0.0551	1.8715	0.3344	0.0956	0.1208	1.4305	1.8060
728	11	10	0.896	9.31	-22.50	0.9329	1.6155	0.2223	0.0698	0.0773	1.5709	1.8236	0.0146	0.0027	-0.0384	0.9329	1.6155	0.2223	0.0698	0.0773	1.5709	1.8236
	11	11	0.0146	0.0027	-0.0384	0.9329	1.6155	0.2223	0.0698	0.0773	1.5709	1.8236	0.0146	0.0027	-0.0384	0.9329	1.6155	0.2223	0.0698	0.0773	1.5709	1.8236
	12	12	-0.1060	-0.0351	-0.0384	0.9329	1.6155	0.2223	0.0698	0.0773	1.5709	1.8236	-0.1060	-0.0351	-0.0384	0.9329	1.6155	0.2223	0.0698	0.0773	1.5709	1.8236
728	12	10	0.897	9.31	-33.79	1.8394	1.9958	0.1701	0.0511	0.0591	1.5027	1.7385	-0.0497	-0.0182	-0.0198	1.8394	1.9958	0.1701	0.0511	0.0591	1.5027	1.7385
	11	11	0.0497	-0.0182	-0.0198	1.8394	1.9958	0.1701	0.0511	0.0591	1.5027	1.7385	-0.0497	-0.0182	-0.0198	1.8394	1.9958	0.1701	0.0511	0.0591	1.5027	1.7385
	12	12	-0.1588	-0.0540	-0.0576	1.8394	1.9958	0.1701	0.0511	0.0591	1.5027	1.7385	-0.1588	-0.0540	-0.0576	1.8394	1.9958	0.1701	0.0511	0.0591	1.5027	1.7385
728	13	10	0.896	9.31	-44.99	1.6069	1.8335	0.1067	0.0286	0.0386	1.3497	1.6104	-0.1244	-0.0421	-0.0456	1.6069	1.8335	0.1067	0.0286	0.0386	1.3497	1.6104
	11	11	0.1244	-0.0421	-0.0456	1.6069	1.8335	0.1067	0.0286	0.0386	1.3497	1.6104	-0.1244	-0.0421	-0.0456	1.6069	1.8335	0.1067	0.0286	0.0386	1.3497	1.6104
	12	12	-0.2119	-0.0681	-0.0771	1.6069	1.8335	0.1067	0.0286	0.0386	1.3497	1.6104	-0.2119	-0.0681	-0.0771	1.6069	1.8335	0.1067	0.0286	0.0386	1.3497	1.6104
728	14	10	0.898	9.32	-56.29	1.7110	1.7950	0.0420	0.0082	0.0146	0.9838	1.7454	-0.1835	-0.0628	-0.0658	1.7110	1.7950	0.0420	0.0082	0.0146	0.9838	1.7454
	11	11	0.1835	-0.0628	-0.0658	1.7110	1.7950	0.0420	0.0082	0.0146	0.9838	1.7454	-0.1835	-0.0628	-0.0658	1.7110	1.7950	0.0420	0.0082	0.0146	0.9838	1.7454
	12	12	-0.2564	-0.0793	-0.0942	1.7110	1.7950	0.0420	0.0082	0.0146	0.9838	1.7454	-0.2564	-0.0793	-0.0942	1.7110	1.7950	0.0420	0.0082	0.0146	0.9838	1.7454
728	15	10	0.897	9.32	-67.49	1.6982	1.7942	0.0164	-0.0005	0.0048	-0.1627	1.4779	-0.2367	-0.0804	-0.0849	1.6982	1.7942	0.0164	-0.0005	0.0048	-0.1627	1.4779
	11	11	0.2367	-0.0804	-0.0849	1.6982	1.7942	0.0164	-0.0005	0.0048	-0.1627	1.4779	-0.2367	-0.0804	-0.0849	1.6982	1.7942	0.0164	-0.0005	0.0048	-0.1627	1.4779
	12	12	-0.2792	-0.0856	-0.1023	1.6982	1.7942	0.0164	-0.0005	0.0048	-0.1627	1.4779	-0.2792	-0.0856	-0.1023	1.6982	1.7942	0.0164	-0.0005	0.0048	-0.1627	1.4779

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	Sec Key																				
728	16	10	0.898	9.32	-78.79	1.6380	1.8160	0.0192	-0.0009	0.0048	-0.2519	1.5854	1.2599	1.5500	1.8228	0.0876	-0.0242	0.0295	0.0048	-0.2519	1.5854	1.2599	
		11	-0.2815	-0.0923	-0.1022																		
		12	-0.2868	-0.0889	-0.1045																		
728	17	10	0.897	9.32	-89.99	1.1844	1.8100	0.0373	-0.0008	0.0112	-0.1178	1.5079	1.5079	1.6097	1.8080	0.0314	0.0054	0.0091	0.0091	-0.1178	1.5079	1.5079	
		11	-0.3146	-0.0745	-0.1139																		
		12	-0.2672	-0.0860	-0.0966																		
729	1	10	0.897	6.21	-89.99	1.9010	1.8187	-0.0126	-0.0116	-0.0062	4.5913	2.4669	2.4669	1.8433	1.7866	0.0272	0.0046	0.0075	0.0075	4.5913	2.4669	2.4669	
		11	-0.1759	-0.0669	-0.0640																		
		12	-0.1524	-0.0562	-0.0544																		
729	2	10	0.898	6.21	-78.79	1.9467	1.8137	-0.0116	-0.0097	-0.0050	4.1678	2.1532	2.1532	1.7995	1.8029	0.0653	0.0178	0.0211	0.0211	4.1678	2.1532	2.1532	
		11	-0.1572	-0.0612	-0.0570																		
		12	-0.1628	-0.0586	-0.0587																		
729	3	10	0.896	6.21	-67.49	2.0038	1.8179	-0.0004	-0.0039	-0.0004	42.5429	5.0139	5.0139	1.7811	1.8156	0.0978	0.0302	0.0331	0.0331	42.5429	5.0139	5.0139	
		11	-0.1301	-0.0521	-0.0473																		
		12	-0.1574	-0.0560	-0.0571																		
729	4	10	0.900	6.21	-56.29	2.1566	1.8627	0.0306	0.0071	0.0114	1.1640	1.8596	1.8596	1.8004	1.8157	0.1282	0.0424	0.0445	0.0445	1.1640	1.8596	1.8596	
		11	-0.0964	-0.0416	-0.0359																		
		12	-0.1419	-0.0511	-0.0515																		
729	5	10	0.897	6.21	-44.99	2.3761	2.0015	0.0604	0.0188	0.0222	1.5582	1.8395	1.8395	1.8302	1.7904	0.1584	0.0528	0.0553	0.0553	1.5582	1.8395	1.8395	
		11	-0.0577	-0.0274	-0.0231																		
		12	-0.1219	-0.0446	-0.0436																		
729	6	10	0.898	6.21	-33.79	3.1213	2.0113	0.0957	0.0323	0.0338	1.6924	1.7658	1.7658	1.8122	1.7901	0.1815	0.0596	0.0642	0.0642	1.6924	1.7658	1.7658	
		11	-0.0268	-0.0167	-0.0108																		
		12	-0.0939	-0.0340	-0.0336																		
729	7	10	0.897	6.22	-22.49	4.2890	2.1546	0.1261	0.0430	0.0440	1.7375	1.7443	1.7443	1.7378	1.8247	0.1965	0.0646	0.0694	0.0694	1.7375	1.7443	1.7443	
		11	-0.0111	-0.0095	-0.0048																		
		12	-0.0640	-0.0222	-0.0233																		
729	8	10	0.897	6.22	-11.30	6.4970	1.5554	0.1595	0.0544	0.0543	1.7068	1.7047	1.7047	1.7078	1.8634	0.1998	0.0666	0.0701	0.0701	1.7068	1.7047	1.7047	
		11	-0.0040	-0.0052	-0.0012																		
		12	-0.0289	-0.0098	-0.0107																		
729	9	10	0.898	6.22	-0.00	0.0972	1.9175	0.1747	0.0588	0.0608	1.6848	1.7423	1.7423	0.0067	-0.0001	0.0026	-0.0026	-0.0026	-0.0026	1.6848	1.7423	1.7423	
		11	0.0067	-0.0001	0.0026																		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																									
729	10	12	0.0035	0.0015	0.0007	2.1381	1.0759	0.1889	0.0641	0.0657	1.6981	1.7405															
	10	10	0.898	6.21	11.29																						
	11	11	0.0185	0.0055	0.0070	1.4886	1.9030	0.1842	0.0613	0.0649	1.6636	1.7613															
	12	12	0.0399	0.0143	0.0138	1.7896	1.7334	0.1683	0.0582	0.0576	1.7310	1.7130															
729	11	10	0.898	6.21	22.49																						
	11	11	0.0356	0.0131	0.0135	1.8425	1.8946	0.1762	0.0583	0.0620	1.6560	1.7607															
	12	12	0.0713	0.0262	0.0256	1.8364	1.7997	0.1377	0.0488	0.0473	1.7748	1.7170															
729	12	10	0.897	6.20	33.79																						
	11	11	0.0575	0.0227	0.0209	1.9779	1.8189	0.1644	0.0545	0.0569	1.6562	1.7319															
	12	12	0.1046	0.0392	0.0377	1.8737	1.8030	0.1076	0.0378	0.0374	1.7580	1.7394															
729	13	10	0.896	6.20	44.99																						
	11	11	0.0847	0.0328	0.0304	1.9396	1.7972	0.1395	0.0463	0.0476	1.6624	1.7058															
	12	12	0.1322	0.0494	0.0479	1.8679	1.8119	0.0712	0.0246	0.0246	1.7329	1.7316															
729	14	10	0.897	6.20	56.29																						
	11	11	0.1175	0.0449	0.0405	1.9096	1.7255	0.1127	0.0360	0.0378	1.6004	1.6791															
	12	12	0.1576	0.0574	0.0572	1.8218	1.8160	0.0453	0.0153	0.0144	1.6950	1.5925															
729	15	10	0.897	6.21	67.49																						
	11	11	0.1442	0.0534	0.0488	1.8513	1.6936	0.0756	0.0212	0.0258	1.4023	1.7059															
	12	12	0.1692	0.0617	0.0614	1.8235	1.8148	0.0316	0.0087	0.0088	1.3802	1.3943															
729	16	10	0.898	6.20	78.79																						
	11	11	0.1624	0.0589	0.0559	1.8156	1.7236	0.0453	0.0104	0.0148	1.1549	1.6368															
	12	12	0.1729	0.0630	0.0622	1.8209	1.7990	0.0237	0.0048	0.0056	1.0151	1.1805															
729	17	10	0.898	6.21	89.99																						
	11	11	0.1763	0.0625	0.0612	1.7731	1.7356	0.0124	-0.0012	0.0028	-0.5043	1.1328															
	12	12	0.1692	0.0637	0.0607	1.8825	1.7932	0.0156	0.0002	0.0021	0.0951	0.6781															
730	1	10	0.897	3.08	89.99																						
	11	11	0.0731	0.0296	0.0252	2.0279	1.7231	0.0102	-0.0021	0.0020	-1.0426	0.9906															
	12	12	0.0678	0.0301	0.0241	2.2173	1.7790	0.0134	-0.0001	0.0018	-0.0724	0.6773															
730	2	10	0.898	3.08	78.79																						
	11	11	0.0684	0.0276	0.0238	2.0221	1.7391	0.0239	0.0034	0.0070	0.7169	1.4664															
	12	12	0.0690	0.0305	0.0242	2.2159	1.7592	0.0216	0.0033	0.0048	0.7635	1.1229															
730	3	10	0.898	3.07	67.49																						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																		
730	15	10	0.897	3.11	-56.29	2.6707	1.8475	-0.0040	-0.0065	0.0001	8.0061	-0.1972								
		11	-0.0432	-0.0230	-0.0159	2.0726	1.8190	0.0679	0.0220	0.0219	1.6258	1.6194								
		12	-0.0559	-0.0232	-0.0203															
730	16	10	0.898	3.09	-67.49	2.5991	1.7900	-0.0321	-0.0168	-0.0112	2.6165	1.7480								
		11	-0.0531	-0.0276	-0.0190	2.0767	1.8283	0.0549	0.0163	0.0171	1.4863	1.5594								
		12	-0.0627	-0.0260	-0.0229															
730	17	10	0.898	3.10	-78.79	2.5417	1.8354	-0.0421	-0.0199	-0.0157	2.3665	1.8710								
		11	-0.0597	-0.0303	-0.0219	2.1314	1.8593	0.0399	0.0102	0.0121	1.2786	1.5171								
		12	-0.0629	-0.0268	-0.0234															
731	1	10	0.900	3.10	-89.99	2.4673	1.8286	-0.0293	-0.0166	-0.0114	2.8348	1.9455								
		11	-0.0650	-0.0320	-0.0237	2.1724	1.9111	0.0237	0.0033	0.0062	0.7073	1.3058								
		12	-0.0548	-0.0238	-0.0209															
731	2	10	0.898	-0.00	-90.00	-0.7185	1.0230	-0.0027	-0.0068	0.0000	12.3761	-0.0119								
		11	0.0162	-0.0023	0.0033	0.3003	0.9382	0.0223	0.0026	0.0061	0.5867	1.3668								
		12	0.0181	0.0010	0.0034															
731	3	10	0.900	-0.00	-78.80	-0.2954	1.0436	-0.0030	-0.0058	0.0000	9.8117	-0.0083								
		11	0.0195	-0.0011	0.0040	0.5376	1.0829	0.0214	0.0034	0.0063	0.7931	1.4907								
		12	0.0206	0.0022	0.0044															
731	4	10	0.900	0.00	-67.50	-0.3479	1.1171	-0.0067	-0.0052	-0.0010	4.6218	0.8125								
		11	0.0182	-0.0012	0.0040	0.3694	1.1201	0.0187	0.0034	0.0054	0.9231	1.4636								
		12	0.0165	0.0012	0.0037															
731	5	10	0.898	0.00	-56.30	-0.3266	1.2862	-0.0087	-0.0059	-0.0014	3.3951	0.8069								
		11	0.0171	-0.0011	0.0044	0.4996	1.1097	0.0154	0.0033	0.0047	1.0961	1.5298								
		12	0.0174	0.0017	0.0038															
731	6	10	0.899	0.00	-45.00	-0.1747	1.3753	-0.0123	-0.0064	-0.0029	2.5997	1.2095								
		11	0.0165	-0.0005	0.0045	0.5893	1.2403	0.0122	0.0029	0.0035	1.1972	1.4334								
		12	0.0149	0.0017	0.0037															
731	7	10	0.900	0.01	-33.80	0.0644	1.3848	-0.0140	-0.0063	-0.0028	2.2701	1.1725								
		11	0.0164	0.0002	0.0045	0.7383	1.3338	0.0103	0.0030	0.0028	1.4894	1.3935								
		12	0.0121	0.0017	0.0032															
731	8	10	0.900	0.01	-22.50	0.3167	1.5211	-0.0183	-0.0074	-0.0048	2.0431	1.3253								
		11	0.0160	0.0010	0.0048	1.0229	1.3675	0.0108	0.0036	0.0030	1.6582	1.3998								
		12	0.0095	0.0019	0.0026															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
731	8	10	0.901	0.02	-11.30	0.3545	1.6243	-0.0203	-0.0078	-0.0053	1.9303	1.3097								
			0.0126	0.0008	0.0041	1.4683	0.0103	0.0037	0.0028	1.8009	1.3902									
			0.0068	0.0020	0.0015															
731	9	10	0.899	0.02	-0.00	0.4215	1.8838	-0.0178	-0.0069	-0.0047	1.9548	1.3186								
			0.0093	0.0007	0.0035	4.4256	2.4062	0.0117	0.0043	0.0033	1.8556	1.4203								
			0.0015	0.0014	0.0007															
731	10	10	0.899	0.02	11.29	0.7608	2.1951	-0.0190	-0.0074	-0.0054	1.9680	1.4436								
			0.0069	0.0010	0.0030	17.9992	3.9561	0.0109	0.0038	0.0027	1.7659	1.2483								
			0.0005	0.0020	0.0004															
731	11	10	0.897	0.01	22.49	1.2645	2.7423	-0.0185	-0.0076	-0.0055	2.0569	1.4812								
			0.0047	0.0012	0.0026	-52.1660	-11.2647	0.0109	0.0036	0.0022	1.6598	1.0448								
			-0.0002	0.0028	0.0006															
731	12	10	0.898	0.01	33.79	-2.9930	-8.6441	-0.0166	-0.0075	-0.0050	2.2663	1.5121								
			0.0007	0.0004	0.0012	-3.8321	0.9276	0.0100	0.0028	0.0019	1.4274	0.9882								
			-0.0032	0.0025	-0.0006															
731	13	10	0.900	0.00	44.99	0.1145	0.3264	-0.0150	-0.0076	-0.0047	2.5456	1.5599								
			0.0043	-0.0001	-0.0002	4.3770	0.8398	0.0101	0.0020	0.0015	1.0255	0.7493								
			-0.0036	0.0031	-0.0006															
731	14	10	0.898	0.00	56.29	0.2649	0.8675	-0.0109	-0.0070	-0.0037	3.2458	1.7242								
			0.0069	-0.0003	-0.0012	-2.2138	0.8415	0.0119	0.0019	0.0018	0.8007	0.7601								
			-0.0063	0.0028	-0.0010															
731	15	10	0.899	-0.00	67.49	0.3760	0.9784	-0.0090	-0.0072	-0.0032	4.0017	1.8179								
			0.0100	-0.0007	-0.0019	-2.2252	1.1002	0.0114	0.0007	0.0012	0.3313	0.5277								
			-0.0069	0.0030	-0.0015															
731	16	10	0.899	-0.00	78.79	0.2993	1.0780	-0.0050	-0.0071	-0.0025	7.1328	2.4995								
			0.0105	-0.0006	-0.0022	-2.2817	1.1888	0.0144	0.0008	0.0021	0.2897	0.7363								
			-0.0070	0.0032	-0.0016															
731	17	10	0.899	-0.00	89.99	0.2384	1.2076	-0.0037	-0.0077	-0.0023	10.1703	3.0897								
			0.0106	-0.0005	-0.0025	-2.2960	1.4104	0.0176	0.0009	0.0028	0.2569	0.8158								
			-0.0070	0.0032	-0.0019															
732	1	10	0.899	-0.00	90.00	1.6633	1.6439	-0.0262	-0.0160	-0.0104	3.0554	1.9975								

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
732	2	12	-0.0791	-0.0217	-0.0260	1.3755	1.6474	0.0172	0.0010	0.0027	0.3047	0.7920							
		10	0.898	-3.11	78.80														
		11	-0.8903	-0.0301	-0.0295	1.6694	1.6364	-0.0326	-0.0175	-0.0122	2.6899	1.8744							
		12	-0.0736	-0.0199	-0.0239	1.3520	1.6251	0.0004	-0.0036	-0.0025	-40.0055	-28.8198							
732	3	10	0.900	-3.10	67.50														
		11	-0.8864	-0.0293	-0.0282	1.6963	1.6366	-0.0438	-0.0207	-0.0154	2.3652	1.7652							
		12	-0.0661	-0.0177	-0.0212	1.3428	1.6080	-0.0148	-0.0080	-0.0075	2.6916	2.5460							
732	4	10	0.899	-3.10	56.30														
		11	-0.8802	-0.0272	-0.0260	1.6978	1.6208	-0.0550	-0.0238	-0.0189	2.1708	1.7219							
		12	-0.0557	-0.0144	-0.0179	1.2930	1.6074	-0.0312	-0.0130	-0.0128	2.0890	2.0588							
732	5	10	0.899	-3.09	45.00														
		11	-0.8666	-0.0228	-0.0215	1.7118	1.6188	-0.0650	-0.0267	-0.0225	2.0583	1.7346							
		12	-0.0436	-0.0106	-0.0142	1.2245	1.6330	-0.0452	-0.0172	-0.0168	1.9091	1.8585							
732	6	10	0.899	-3.08	33.80														
		11	-0.8495	-0.0173	-0.0159	1.7487	1.6056	-0.0748	-0.0295	-0.0252	1.9719	1.6852							
		12	-0.0335	-0.0077	-0.0102	1.1529	1.5318	-0.0534	-0.0197	-0.0195	1.8442	1.8264							
732	7	10	0.900	-3.08	22.49														
		11	-0.8306	-0.0111	-0.0090	1.8216	1.4701	-0.0854	-0.0325	-0.0284	1.9062	1.6653							
		12	-0.0173	-0.0028	-0.0055	0.8241	1.5839	-0.0653	-0.0235	-0.0229	1.8009	1.7567							
732	8	10	0.898	-3.08	11.29														
		11	-0.8102	-0.0049	-0.0026	2.4085	1.2723	-0.0883	-0.0332	-0.0296	1.8814	1.6753							
		12	-0.0049	0.0002	-0.0013	-0.2017	1.3865	-0.0632	-0.0226	-0.0222	1.7927	1.7583							
732	9	10	0.900	-3.08	0.00														
		11	0.8109	0.0009	0.0036	0.4137	1.6749	-0.0899	-0.0338	-0.0305	1.8803	1.6954							
		12	0.0083	0.0033	0.0027	2.0292	1.6486	-0.0629	-0.0225	-0.0220	1.7886	1.7520							
732	10	10	0.899	-3.08	-11.30														
		11	0.8312	0.0068	0.0100	1.1023	1.6092	-0.0896	-0.0334	-0.0301	1.8645	1.6832							
		12	0.0216	0.0069	0.0069	1.5141	1.5959	-0.0599	-0.0215	-0.0208	1.7966	1.7390							
732	11	10	0.898	-3.07	-22.50														
		11	0.8492	0.0125	0.0160	1.2693	1.6264	-0.0831	-0.0309	-0.0276	1.8605	1.6662							
		12	0.0370	0.0114	0.0121	1.5457	1.6378	-0.0542	-0.0195	-0.0185	1.8033	1.7122							
732	12	10	0.899	-3.08	-33.80														

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
732	13	10	0.0650	0.0174	0.0209	1.3402	1.6055	-0.0730	-0.0273	-0.0243	1.8740	1.6696						
		11	0.0501	0.0154	0.0162	1.5355	1.6198	-0.0461	-0.0169	-0.0157	1.8400	1.7014						
		12	0.0785	-3.08	-45.00	1.3855	1.5944	-0.0558	-0.0216	-0.0189	1.9348	1.6945						
		12	0.0634	0.0217	0.0202	1.5297	1.5970	-0.0329	-0.0127	-0.0117	1.9415	1.7887						
732	14	10	0.898	-3.08	-56.30	1.4044	1.6103	-0.0366	-0.0154	-0.0126	2.1121	1.7299						
		11	0.0873	0.0245	0.0281	1.5351	1.5863	-0.0209	-0.0091	-0.0075	2.1757	1.8036						
		12	0.0750	0.0230	0.0238	1.4186	1.6128	-0.0176	-0.0097	-0.0064	2.7477	1.8130						
732	15	10	0.897	-3.09	-67.50	1.5362	1.5849	-0.0072	-0.0054	-0.0034	3.7833	2.4162						
		11	0.0934	0.0265	0.0301	1.4073	1.5763	0.0010	-0.0040	0.0001	-20.3687	0.7876						
		12	0.0843	0.0259	0.0267	1.5087	1.5865	0.0052	-0.0018	0.0004	-1.7942	0.4249						
732	16	10	0.899	-3.09	-78.80	1.4012	1.5685	0.0233	0.0022	0.0073	0.4810	1.5679						
		11	0.0938	0.0264	0.0295	1.5115	1.5759	0.0183	0.0013	0.0046	0.3728	1.2762						
		12	0.0889	0.0268	0.0282	1.3974	1.5721	0.0228	0.0021	0.0070	0.4659	1.5371						
732	17	10	0.898	-3.09	-90.00	1.5338	1.5875	0.0187	0.0013	0.0049	0.3631	1.3350						
		11	0.0929	0.0260	0.0291	1.4042	1.5736	0.0021	-0.0035	0.0006	-8.2222	1.4318						
		12	0.0954	0.0288	0.0300	1.5372	1.5732	0.0049	-0.0018	0.0006	-1.9246	0.6092						
733	1	10	0.899	-3.08	-90.00	1.4117	1.5955	-0.0182	-0.0100	-0.0063	2.7567	1.7496						
		11	0.0926	0.0259	0.0291	1.5003	1.5584	-0.0086	-0.0059	-0.0042	3.4131	2.4363						
		12	0.0931	0.0285	0.0295	1.3932	1.5796	-0.0375	-0.0160	-0.0125	2.1321	1.6693						
733	2	10	0.899	-3.08	-78.80	1.4688	1.5705	-0.0213	-0.0091	-0.0075	2.1395	1.7740						
		11	0.0949	0.0266	0.0298	1.3788	1.6153	-0.0577	-0.0222	-0.0191	1.9266	1.6626						
		12	0.0877	0.0269	0.0275	1.4873	1.5902	-0.0327	-0.0126	-0.0117	1.9275	1.7884						
733	3	10	0.899	-3.08	-67.50	1.3788	1.6153	-0.0577	-0.0222	-0.0191	1.9266	1.6626						
		11	0.0906	0.0256	0.0289	1.4688	1.5705	-0.0213	-0.0091	-0.0075	2.1395	1.7740						
		12	0.0834	0.0250	0.0260	1.3932	1.5796	-0.0375	-0.0160	-0.0125	2.1321	1.6693						
733	4	10	0.899	-3.06	-56.30	1.4688	1.5705	-0.0213	-0.0091	-0.0075	2.1395	1.7740						
		11	0.0862	0.0240	0.0272	1.3788	1.6153	-0.0577	-0.0222	-0.0191	1.9266	1.6626						
		12	0.0754	0.0221	0.0236	1.4873	1.5902	-0.0327	-0.0126	-0.0117	1.9275	1.7884						
733	5	10	0.900	-3.06	-45.00	1.3788	1.6153	-0.0577	-0.0222	-0.0191	1.9266	1.6626						
		11	0.0760	0.0209	0.0245	1.4873	1.5902	-0.0327	-0.0126	-0.0117	1.9275	1.7884						
		12	0.0654	0.0194	0.0208	1.3788	1.6153	-0.0577	-0.0222	-0.0191	1.9266	1.6626						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
733	6	10	0.900	-3.05	-33.60	1.3283	1.6289	-0.0731	-0.0275	-0.0242	1.8630	1.8373	1.6558						
		11	0.0631	0.0167	0.0205	1.5256	1.6467	-0.0427	-0.0157	-0.0148	1.8630	1.8373	1.7420						
		12	0.0487	0.0148	0.0160														
733	7	10	0.898	-3.05	-22.50	1.2231	1.6125	-0.0862	-0.0320	-0.0287	1.8575	1.7961	1.6632						
		11	0.0472	0.0115	0.0152	1.6075	1.7179	-0.0535	-0.0192	-0.0184	1.8575	1.7961	1.7218						
		12	0.0351	0.0112	0.0120														
733	8	10	0.899	-3.04	-11.30	1.0596	1.6803	-0.0949	-0.0354	-0.0314	1.8657	1.7729	1.6578						
		11	0.0297	0.0062	0.0099	1.7819	1.8245	-0.0600	-0.0213	-0.0205	1.8657	1.7729	1.7085						
		12	0.0211	0.0075	0.0077														
733	9	10	0.898	-3.04	-0.00	-0.0002	1.9131	-0.0981	-0.0367	-0.0327	1.8709	1.7821	1.6668						
		11	0.0584	-0.0000	0.0032	2.2465	1.7370	-0.0622	-0.0221	-0.0220	1.8709	1.7821	1.7736						
		12	0.0093	0.0041	0.0032														
733	10	10	0.898	-3.04	11.29	2.4453	1.2678	-0.0954	-0.0359	-0.0318	1.8834	1.7882	1.6656						
		11	0.0109	-0.0053	-0.0027	-0.3304	0.9583	-0.0616	-0.0220	-0.0217	1.8834	1.7882	1.7645						
		12	-0.0048	0.0003	-0.0009														
733	11	10	0.899	-3.05	22.49	1.8547	1.4789	-0.0929	-0.0357	-0.0313	1.9220	1.7925	1.6852						
		11	0.0316	-0.0117	-0.0093	0.7893	1.4228	-0.0618	-0.0221	-0.0217	1.9220	1.7925	1.7563						
		12	-0.0167	-0.0026	-0.0047														
733	12	10	0.899	-3.05	33.79	1.7573	1.5524	-0.0837	-0.0329	-0.0281	1.9665	1.8487	1.6811						
		11	0.0509	-0.0179	-0.0158	1.0331	1.6216	-0.0530	-0.0194	-0.0196	1.9665	1.8487	1.7611						
		12	-0.0289	-0.0059	-0.0093														
733	13	10	0.898	-3.06	45.00	1.7179	1.5608	-0.0739	-0.0301	-0.0250	2.0416	1.9067	1.6918						
		11	0.0688	-0.0236	-0.0215	1.1728	1.5765	-0.0414	-0.0158	-0.0159	2.0416	1.9067	1.8240						
		12	-0.0414	-0.0097	-0.0130														
733	14	10	0.900	-3.07	56.30	1.7035	1.5944	-0.0627	-0.0272	-0.0215	2.1735	2.0591	1.7147						
		11	0.0832	-0.0283	-0.0265	1.2734	1.5691	-0.0314	-0.0129	-0.0133	2.1735	2.0591	1.8249						
		12	-0.0553	-0.0140	-0.0173														
733	15	10	0.898	-3.08	67.50	1.6950	1.6138	-0.0498	-0.0233	-0.0176	2.3359	2.2610	1.7671						
		11	0.0900	-0.0305	-0.0290	1.3131	1.6318	-0.0136	-0.0072	-0.0074	2.3359	2.2610	1.8292						
		12	-0.0623	-0.0163	-0.0203														
733	16	10	0.896	-3.09	78.80	1.6782	1.6093	-0.0384	-0.0202	-0.0143	2.6302	2.5650	1.8672						
		11	0.0962	-0.0322	-0.0309	1.3397	1.6191	0.0018	-0.0029	-0.0024	2.6302	2.5650	1.9541						
		12	-0.0709	-0.0190	-0.0229														

← See Key →

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
733	17	10	0.898	-3.10	50.00	1.6659	1.6129	-0.0321	-0.0185	-0.0122	2.8854	1.9091						
		11	-0.0943	-0.0314	-0.0304	1.3596	1.6271	0.0211	0.0025	0.0038	0.6043	0.8903						
		12	-0.0780	-0.0212	-0.0253													
734	1	10	0.899	0.01	89.99	0.3836	1.1702	-0.0042	-0.0079	-0.0026	9.4749	3.1584						
		11	-0.0116	-0.0008	-0.0027	-2.7697	1.3366	0.0174	0.0009	0.0024	0.2663	0.6975						
		12	-0.0063	0.0034	-0.0016													
734	2	10	0.897	0.02	78.79	0.1372	1.2368	-0.0048	-0.0070	-0.0026	7.3274	2.7675						
		11	-0.0092	-0.0002	-0.0022	-2.5704	1.1725	0.0141	0.0008	0.0018	0.3007	0.6455						
		12	-0.0065	0.0033	-0.0015													
734	3	10	0.898	0.02	67.49	0.4073	1.0532	-0.0071	-0.0067	-0.0031	4.7145	2.1902						
		11	-0.0093	-0.0007	-0.0019	-2.8694	1.1807	0.0136	0.0016	0.0018	0.6009	0.6674						
		12	-0.0058	0.0033	-0.0013													
734	4	10	0.898	0.03	56.29	0.5200	0.8878	-0.0105	-0.0070	-0.0037	3.3556	1.7811						
		11	-0.0085	-0.0008	-0.0015	-2.9864	0.9978	0.0126	0.0023	0.0019	0.9122	0.7924						
		12	-0.0053	0.0032	-0.0010													
734	5	10	0.896	0.03	44.99	-0.0373	0.1957	-0.0143	-0.0074	-0.0045	2.5946	1.5690						
		11	-0.0034	0.0000	-0.0001	-6.0988	1.1254	0.0108	0.0024	0.0016	1.1430	0.7761						
		12	-0.0027	0.0033	-0.0006													
734	6	10	0.897	0.04	33.79	0.7725	0.9878	-0.0176	-0.0075	-0.0055	2.2492	1.5625						
		11	-0.0000	0.0004	0.0007	-53.7725	0.9878	0.0110	0.0032	0.0019	1.4731	0.8992						
		12	-0.0015	0.0031	-0.0003	-10.2890												
734	7	10	0.898	0.05	22.49	1.1685	2.2555	-0.0167	-0.0070	-0.0053	2.0841	1.5099						
		11	0.0051	0.0011	0.0023	19.3835	70.2820	0.0111	0.0037	0.0024	1.6855	1.0941						
		12	0.0000	0.0028	0.0009													
734	8	10	0.898	0.06	11.29	0.7769	1.9008	-0.0198	-0.0077	-0.0050	1.9557	1.4672						
		11	0.0064	0.0013	0.0032	6.4942	2.4320	0.0134	0.0047	0.0031	1.7630	1.1851						
		12	0.0018	0.0024	0.0009													
734	9	10	0.897	0.06	-0.00	0.5295	1.6626	-0.0186	-0.0072	-0.0053	1.9435	1.4341						
		11	0.0110	0.0011	0.0036	2.2791	1.5183	0.0116	0.0042	0.0027	1.8348	1.1793						
		12	0.0055	0.0025	0.0016													
734	10	10	0.898	0.06	-11.30	0.3234	1.4992	-0.0190	-0.0074	-0.0054	1.9680	1.4436						
		11	0.0137	0.0008	0.0041	1.4409	1.2513	0.0116	0.0042	0.0028	1.8343	1.2459						
		12	0.0073	0.0021	0.0018													

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
734	11	10	0.898	0.06	-22.50	0.3013	1.4570	-0.0166	-0.0071	-0.0047	2.1381	1.4119										
	11	11	0.0167	0.0010	0.0030	1.0727	1.3447	0.0112	0.0038	0.0031	1.7092	1.4154										
	12	12	0.0114	0.0024	0.0030																	
734	12	10	0.896	0.04	-33.80	0.0985	1.3998	-0.0143	-0.0067	-0.0040	2.3652	1.4251										
	11	11	0.0174	0.0003	0.0048	0.8053	1.3169	0.0134	0.0040	0.0036	1.5218	1.3600										
	12	12	0.0134	0.0021	0.0035																	
734	13	10	0.898	0.05	-45.00	-0.1713	1.2743	-0.0121	-0.0065	-0.0031	2.6848	1.2879										
	11	11	0.0172	-0.0005	0.0038	0.6410	1.2284	0.0158	0.0042	0.0045	1.3531	1.4372										
	12	12	0.0156	0.0020	0.0038																	
734	14	10	0.897	0.04	-56.30	-0.4096	1.1560	-0.0080	-0.0059	-0.0015	3.6993	0.9749										
	11	11	0.0169	-0.0013	0.0039	0.6016	1.1356	0.0173	0.0038	0.0047	1.1216	1.3618										
	12	12	0.0176	0.0021	0.0040																	
734	15	10	0.898	0.03	-67.50	-0.3866	1.1733	-0.0027	-0.0050	-0.0007	9.3493	1.4284										
	11	11	0.0180	-0.0013	0.0042	0.4967	1.1181	0.0189	0.0035	0.0051	0.9479	1.3651										
	12	12	0.0186	0.0018	0.0041																	
734	16	10	0.897	0.03	-78.80	-0.7878	0.9616	-0.0027	-0.0061	-0.0006	11.3934	1.1494										
	11	11	0.0155	-0.0024	0.0029	0.2502	1.0691	0.0206	0.0031	0.0056	0.7645	1.3590										
	12	12	0.0166	0.0008	0.0035																	
734	17	10	0.896	0.03	-90.00	-0.5636	1.0079	-0.0000	-0.0060	0.0000	35.4483	-0.5970										
	11	11	0.0171	-0.0019	0.0034	0.3815	1.0941	0.0234	0.0031	0.0063	0.6646	1.3627										
	12	12	0.0190	0.0014	0.0041																	
735	1	10	0.896	3.16	-89.99	2.4869	1.8790	-0.0360	-0.0196	-0.0130	2.7223	1.8068										
	11	11	-0.0655	-0.0326	-0.0246	2.2006	1.9430	0.0245	0.0037	0.0065	0.7667	1.3349										
	12	12	-0.0518	-0.0228	-0.0201																	
735	2	10	0.897	3.16	-78.79	2.5620	1.8521	-0.0433	-0.0204	-0.0159	2.3567	1.8466										
	11	11	-0.0602	-0.0308	-0.0223	2.1248	1.8686	0.0407	0.0106	0.0124	1.3056	1.5314										
	12	12	-0.0604	-0.0256	-0.0225																	
735	3	10	0.898	3.16	-67.49	2.7015	1.8805	-0.0497	-0.0217	-0.0180	2.1868	1.8122										
	11	11	-0.0502	-0.0271	-0.0189	2.0501	1.8151	0.0554	0.0166	0.0174	1.4979	1.5754										
	12	12	-0.0612	-0.0251	-0.0222																	
735	4	10	0.896	3.17	-56.29	2.8259	1.8772	-0.0393	-0.0187	-0.0127	2.3893	1.6169										
	11	11	-0.0398	-0.0225	-0.0149	2.8075	1.8140	0.0700	0.0229	0.0226	1.6343	1.6181										
	12	12	-0.0588	-0.0236	-0.0213																	

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
735	5	10	0.895	3.17	-44.99	2.9300	1.8858	-0.0097	-0.0084	-0.0010	4.3527	0.5654									
	11	11	-0.0290	-0.0170	-0.0109	1.9985	1.8367	0.0790	0.0272	0.0257	1.7233	1.6303									
	12	12	-0.0431	-0.0192	-0.0176																
735	6	10	0.896	3.17	-33.79	3.6868	2.1240	0.0141	0.0009	0.0072	0.3301	2.5490									
	11	11	-0.0149	-0.0110	-0.0063	1.9853	1.8586	0.0851	0.0303	0.0281	1.7820	1.6541									
	12	12	-0.0363	-0.0144	-0.0135																
735	7	10	0.897	3.17	-22.50	7.2169	2.8603	0.0328	0.0082	0.0126	1.2602	1.9244									
	11	11	-0.0043	-0.0062	-0.0024	1.8962	1.8232	0.0896	0.0327	0.0298	1.8232	1.6617									
	12	12	-0.0280	-0.0098	-0.0095																
735	8	10	0.897	3.17	-11.30	-1.1042	1.2427	0.0469	0.0145	0.0171	1.5457	1.8285									
	11	11	0.0066	-0.0014	0.0016	1.6128	1.9332	0.0905	0.0330	0.0300	1.8244	1.6607									
	12	12	-0.0126	-0.0040	-0.0049																
735	9	10	0.898	3.17	-0.00	0.6902	1.5677	0.0569	0.0180	0.0207	1.5641	1.8228									
	11	11	0.0131	0.0018	0.0041	6.5594	-1.7017	0.0902	0.0326	0.0297	1.8088	1.6489									
	12	12	0.0009	0.0011	-0.0003																
735	10	10	0.897	3.7	11.29	1.3459	1.7178	0.0595	0.0191	0.0217	1.6117	1.8226									
	11	11	0.0213	0.0077	0.0073	2.2078	1.6876	0.0830	0.0299	0.0272	1.8034	1.6304									
	12	12	0.0177	0.0013	0.0059																
735	11	10	0.896	3.16	22.49	1.6657	1.7664	0.0521	0.0161	0.0196	1.5506	1.9048									
	11	11	0.0295	0.0098	0.0104	2.2246	1.8125	0.0709	0.0251	0.0228	1.7712	1.6096									
	12	12	0.0310	0.0137	0.0112																
735	12	10	0.898	3.16	33.79	1.8609	1.7939	0.0499	0.0154	0.0191	1.5462	1.9140									
	11	11	0.0382	0.0142	0.0137	2.2437	1.8007	0.0635	0.0216	0.0204	1.7044	1.6097									
	12	12	0.0424	0.0190	0.0152																
735	13	10	0.898	3.15	44.99	1.9639	1.7477	0.0425	0.0124	0.0161	1.4584	1.8996									
	11	11	0.0490	0.0192	0.0171	2.2852	1.7913	0.0532	0.0168	0.0163	1.5862	1.5345									
	12	12	0.0517	0.0236	0.0185																
735	14	10	0.898	3.15	56.29	2.0267	1.7309	0.0437	0.0120	0.0147	1.3730	1.6869									
	11	11	0.0553	0.0224	0.0191	2.2634	1.7920	0.0432	0.0125	0.0123	1.4465	1.4315									
	12	12	0.0612	0.0277	0.0219																
735	15	10	0.898	3.14	67.49	2.0363	1.7253	0.0383	0.0093	0.0120	1.2168	1.5781									
	11	11	0.0644	0.0262	0.0222	2.2314	1.7592	0.0339	0.0086	0.0090	1.2666	1.5256									
	12	12	0.0680	0.0303	0.0239																

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key														
735	16	10	0.895	3.14	78.79	2.0323	1.7255	0.0270	0.0043	0.0077	0.8042	1.4264					
		11	0.0685	0.0278	0.0236	2.2674	1.7871	0.0223	0.0034	0.0045	0.7735	1.0251					
		12	0.0671	0.0304	0.0239												
735	17	10	0.897	3.14	89.99	2.0289	1.7363	0.0087	-0.0026	0.0014	-1.5108	0.8059					
		11	0.0724	0.0294	0.0251	2.2569	1.7340	0.0129	-0.0003	0.0012	-0.1172	0.4691					
		12	0.0659	0.0295	0.0228												
736	1	10	0.897	6.26	89.99	1.7674	1.7449	0.0130	-0.0011	0.0026	-0.4338	1.0230					
		11	0.1789	0.0632	0.0624	1.8744	1.7845	0.0151	-0.0000	0.0018	-0.0267	0.6049					
		12	0.1736	0.0650	0.0619												
736	2	10	0.896	6.26	78.79	1.8111	1.7103	0.0481	0.0111	0.0152	1.1609	1.5856					
		11	0.1621	0.0587	0.0554	1.8209	1.8081	0.0237	0.0047	0.0051	0.9984	1.0931					
		12	0.1742	0.0634	0.0629												
736	3	10	0.898	6.26	67.49	1.8506	1.7001	0.0800	0.0229	0.0268	1.4332	1.6762					
		11	0.1436	0.0531	0.0488	1.8256	1.8383	0.0318	0.0090	0.0086	1.4181	1.3664					
		12	0.1628	0.0594	0.0598												
736	4	10	0.898	6.26	56.29	1.9058	1.7172	0.1095	0.0331	0.0143	1.5148	1.6827					
		11	0.1184	0.0451	0.0406	1.8435	1.8222	0.0457	0.0151	0.0143	1.6561	1.5661					
		12	0.1528	0.0563	0.0557												
736	5	10	0.899	6.26	44.99	1.9208	1.7578	0.1410	0.0468	0.0485	1.6623	1.7209					
		11	0.0910	0.0349	0.0320	1.8666	1.8072	0.0710	0.0245	0.0242	1.7291	1.7039					
		12	0.1329	0.0496	0.0480												
736	6	10	0.896	6.26	33.79	1.9437	1.7947	0.1647	0.0545	0.0568	1.6546	1.7268					
		11	0.0628	0.0244	0.0225	1.8754	1.8014	0.1078	0.0380	0.0370	1.7639	1.7160					
		12	0.1043	0.0391	0.0375												
736	7	10	0.900	6.27	22.49	1.7841	1.8044	0.1807	0.0596	0.0482	1.6491	1.7601					
		11	0.0408	0.0145	0.0147	1.8232	1.7743	0.1404	0.0498	0.0462	1.7762	1.7166					
		12	0.0732	0.0267	0.0260												
736	8	10	0.897	6.27	11.29	1.4901	1.8110	0.1818	0.0605	0.0643	1.6640	1.7696					
		11	0.0221	0.0065	0.0060	1.7992	1.7182	0.1700	0.0591	0.0578	1.7391	1.7022					
		12	0.0395	0.0142	0.0135												
736	9	10	0.896	6.27	0.00	3.3845	1.5985	0.1764	0.0593	0.0612	1.6811	1.7357					
		11	0.0100	0.0007	0.0003	3.0359	0.8045	0.1922	0.0551	0.0669	1.6940	1.7406					
		12	0.0019	0.0011	0.0003												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
736	10	10	0.897	6.27	-11.30	34.8960	8.6645	0.1480	0.0506	0.0508	1.7117	1.7155						
	11	11	-0.0006	-0.0044	-0.0011	1.6548	1.8709	0.1986	0.0663	0.0695	1.6696	1.7509						
	12	12	-0.0316	-0.0104	-0.0118													
736	11	10	0.897	6.28	-22.50	5.2437	2.7461	0.1204	0.0416	0.0420	1.7272	1.7447						
	11	11	-0.0087	-0.0092	-0.0049	1.7217	1.8014	0.1986	0.0652	0.0697	1.6428	1.7546						
	12	12	-0.0658	-0.0228	-0.0237													
736	12	10	0.897	6.27	-33.79	3.4048	2.2495	0.0889	0.0295	0.0313	1.6592	1.7622						
	11	11	-0.0237	-0.0161	-0.0106	1.7998	1.7831	0.1851	0.0606	0.0648	1.6390	1.7510						
	12	12	-0.0941	-0.0338	-0.0335													
736	13	10	0.897	6.27	-44.99	2.4427	2.0420	0.0525	0.0148	0.0188	1.4146	1.7878						
	11	11	-0.0570	-0.0278	-0.0232	1.8210	1.7854	0.1591	0.0530	0.0551	1.6666	1.7341						
	12	12	-0.1184	-0.0431	-0.0423													
736	14	10	0.898	6.27	-56.29	2.1689	1.8848	0.0152	0.0015	0.0053	0.5211	1.7395						
	11	11	-0.0955	-0.0414	-0.0360	1.7836	1.8181	0.1304	0.0431	0.0449	1.6544	1.7207						
	12	12	-0.1402	-0.0500	-0.0510													
736	15	10	0.897	6.27	-67.49	1.9994	1.8155	-0.0261	-0.0135	-0.0102	2.6008	1.9542						
	11	11	-0.1335	-0.0533	-0.0484	1.7592	1.8127	0.1003	0.0312	0.0335	1.5565	1.6099						
	12	12	-0.1586	-0.0558	-0.0575													
736	16	10	0.897	6.27	-78.79	1.9287	1.8207	-0.0338	-0.0187	-0.0211	2.7695	2.0186						
	11	11	-0.1605	-0.0619	-0.0584	1.7993	1.7989	0.0668	0.0185	0.0211	1.3878	1.5850						
	12	12	-0.1577	-0.0567	-0.0567													
736	17	10	0.897	6.27	-89.99	1.8934	1.8236	-0.0274	-0.0176	-0.0122	3.2183	2.3325						
	11	11	-0.1826	-0.0691	-0.0636	1.8360	1.7772	0.0306	0.0057	0.0083	0.9386	1.3679						
	12	12	-0.1510	-0.0554	-0.0536													
737	1	10	0.896	9.41	-90.00	1.1279	1.8270	0.0517	0.0007	0.0160	0.0709	1.5455						
	11	11	-0.3230	-0.0730	-0.1183	1.6161	1.7978	0.0376	0.0074	0.0109	0.9888	1.4574						
	12	12	-0.2642	-0.0854	-0.0950													
737	2	10	0.897	9.42	-78.79	1.3186	1.8128	0.0168	-0.0067	0.0031	-1.9969	0.9290						
	11	11	-0.2932	-0.0773	-0.1063	1.5595	1.8179	0.0905	-0.0251	0.0302	-1.3061	1.6724						
	12	12	-0.2810	-0.0876	-0.1021													
737	3	10	0.897	9.42	-67.48	1.5537	1.8072	0.0046	-0.0056	-0.0003	-6.0988	-3.344						
	11	11	-0.2391	-0.0743	-0.0864	1.5367	1.8335	0.1460	-0.0449	-0.0512	-1.5388	-1.7567						
	12	12	-0.2731	-0.0839	-0.1001													

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
737	4	10	0.898	9.41	-56.29	1.7100	1.7958	0.0395	0.0077	0.0137	0.9859	1.7403									
		11	-0.1893	-0.0647	-0.0680	1.5489	1.8367	0.1978	0.0625	0.0706	1.5817	1.7643									
		12	-0.2537	-0.0786	-0.0932																
737	5	10	0.899	9.41	-44.99	1.7008	1.8741	0.1033	0.0274	0.0371	1.3281	1.7994									
		11	-0.1264	-0.0430	-0.0473	1.6053	1.8353	0.2538	0.0764	0.0923	1.5065	1.8195									
		12	-0.2097	-0.0673	-0.0769																
737	6	10	0.897	9.40	-33.79	1.8447	2.1237	0.1664	0.0497	0.0572	1.4940	1.7204									
		11	-0.0525	-0.0193	-0.0223	1.6998	1.8347	0.2958	0.0861	0.1062	1.4551	1.8286									
		12	-0.1578	-0.0536	-0.0579																
737	7	10	0.898	9.41	-22.50	0.8835	1.3409	0.2217	0.0695	0.0770	1.5681	1.7387									
		11	0.0153	0.0027	0.0041	1.6530	1.8413	0.3317	0.0934	0.1210	1.4084	1.8248									
		12	-0.1054	-0.0348	-0.0388																
737	8	10	0.898	9.42	-11.30	-0.4950	1.3368	0.2724	0.0847	0.0954	1.5545	1.7515									
		11	0.0096	-0.0009	0.0025	1.5962	1.9141	0.3407	0.0964	0.1230	1.4154	1.8058									
		12	-0.0516	-0.0164	-0.0197																
737	9	10	0.898	9.41	0.00	2.0501	1.0625	0.3056	0.0916	0.1081	1.4986	1.7697									
		11	0.0000	-0.0025	-0.0003																
		12	0.0043	0.0017	0.0009																
737	10	10	0.898	9.41	11.30	1.7868	1.6186	0.3227	0.0937	0.1159	1.4526	1.7661									
		11	-0.0127	-0.0045	-0.0041	1.6606	1.7587	0.2801	0.0670	0.0986	1.5539	1.7604									
		12	-0.0616	0.0204	0.0216																
737	11	10	0.897	9.40	22.50	1.7900	1.4737	0.3209	0.0918	0.1156	1.4303	1.8014									
		11	-0.0145	-0.0052	-0.0042	1.7182	1.8292	0.2357	0.0741	0.0814	1.5723	1.7279									
		12	0.1155	0.0397	0.0422																
737	12	10	0.898	9.39	33.79	1.3024	1.9564	0.2851	0.0835	0.1031	1.4646	1.8076									
		11	0.0497	0.0130	0.0194	1.7414	1.8412	0.1810	0.0541	0.0523	1.4950	1.7206									
		12	0.1657	0.0577	0.0610																
737	13	10	0.897	9.39	44.99	1.4703	1.7780	0.2344	0.0713	0.0841	1.5223	1.7936									
		11	0.1298	0.0381	0.0461	1.6334	1.8647	0.1194	0.0333	0.0419	1.3958	1.7559									
		12	0.2219	0.0725	0.0827																
737	14	10	0.898	9.39	56.29	1.5313	1.7456	0.1772	0.0558	0.0628	1.5759	1.7741									
		11	0.1851	0.0566	0.0646	1.5673	1.8711	0.0519	0.0119	0.0168	1.4196	1.6223									
		12	0.2672	0.0837	0.0999																

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
737	15	10	0.898	9.39	67.48	1.6368	1.7374	0.1235	0.0359	0.0432	1.4542	1.7498								
		11	0.2372	0.0776	0.0824	1.5145	1.8679	0.0110	-0.0011	0.0009	-0.5382	0.4089								
		12	0.2935	0.0889	0.1096															
737	16	10	0.897	9.39	78.79	1.5948	1.7557	0.0676	0.0165	0.0226	1.2248	1.6745								
		11	0.2800	0.0893	0.0983	1.5334	1.8445	0.0149	0.0007	0.0016	0.2384	0.5582								
		12	0.3068	0.0941	0.1132															
737	17	10	0.897	9.39	89.99	1.5228	1.7780	0.0118	-0.0013	0.0021	-0.5768	0.9207								
		11	0.3119	0.0949	0.1109	1.5870	1.8257	0.0203	0.0016	0.0036	0.4052	0.8957								
		12	0.2936	0.0932	0.1072															
738	1	10	0.897	12.50	89.99	0.8440	1.7623	0.0091	-0.0019	0.0015	-1.0912	0.8589								
		11	0.4115	0.0694	0.1450	0.8878	1.7991	0.0280	0.0033	0.0059	0.5952	1.0561								
		12	0.4033	0.0716	0.1451															
73A	2	10	0.897	12.50	78.78	1.0332	1.7556	0.0896	0.0222	0.0307	1.2424	1.7169								
		11	0.4052	0.0837	0.1422	0.8290	1.8184	0.0207	0.0036	0.0037	0.8689	0.9148								
		12	0.4000	0.0663	0.1454															
73A	3	10	0.897	12.49	67.48	1.2613	1.7414	0.1717	0.0492	0.0621	1.4343	1.8100								
		11	0.3421	0.0863	0.1191	0.8465	1.8536	0.0139	0.0065	0.0038	2.3452	1.3589								
		12	0.4042	0.0684	0.1498															
73A	4	10	0.899	12.49	56.29	1.3850	1.7430	0.2487	0.0735	0.0899	1.4794	1.8088								
		11	0.2743	0.0759	0.0956	0.8912	1.8675	0.0778	0.0261	0.0298	1.6816	1.9172								
		12	0.3902	0.0695	0.1457															
73A	5	10	0.899	12.49	44.99	1.4797	1.7963	0.3322	0.0900	0.1226	1.3547	1.8464								
		11	0.1958	0.0579	0.0703	1.0464	1.8842	0.1730	0.0528	0.0628	1.5271	1.8164								
		12	0.3287	0.0687	0.1238															
73A	6	10	0.899	12.50	33.79	1.8041	1.9859	0.4071	0.0688	0.1480	0.8459	1.8179								
		11	0.0898	0.0324	0.0357	1.5875	1.8961	0.2705	0.0772	0.0949	1.4283	1.7548								
		12	0.2363	0.0750	0.0896															
73A	7	10	0.899	12.50	22.51	5.7405	5.8610	0.4183	0.0659	0.1507	0.7882	1.8017								
		11	0.0019	0.0022	0.0023	1.5869	1.8686	0.3412	0.0869	0.1191	1.2733	1.7461								
		12	0.1632	0.0518	0.0610															
73A	8	10	0.899	12.51	11.31	2.1504	1.9260	0.4086	0.0631	0.1451	0.7728	1.7758								
		11	-0.0167	-0.0072	-0.0064															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key												
73A	9	12	0.0854	0.0262	0.0313	1.5340	1.8370	0.4003	0.0868	0.1406	1.0052	1.7565			
		10	0.899	12.52	0.00										
		11	-0.0056	-0.0060	-0.0030	5.2993	2.7255	0.4199	0.0695	0.1481	0.8278	1.7639			
		12	0.0044	0.0016	0.0010	1.8400	1.2050	0.4303	0.0724	0.1520	0.8414	1.7669			
73A	10	10	0.897	12.51	-11.30	-1.0231	1.3116	0.3992	0.0838	0.1400	1.0496	1.7536			
		11	0.0144	-0.0029	0.0037	1.4716	1.8781	0.4280	0.0670	0.1525	0.7829	1.7820			
		12	-0.0737	-0.0217	-0.0276										
73A	11	10	0.898	12.51	-22.51	-15.6006	-5.7743	0.3325	0.0844	0.1149	1.2702	1.7287			
		11	0.0027	-0.0085	-0.0031	1.5441	1.8516	0.4167	0.0645	0.1508	0.7740	1.8053			
		12	-0.1571	-0.0485	-0.0581										
73A	12	10	0.901	12.52	-33.79	2.2415	2.2057	0.2643	0.0764	0.0923	1.4455	1.7470			
		11	-0.0755	-0.0338	-0.0333	1.5538	1.8513	0.4202	0.0698	0.1539	0.8311	1.8318			
		12	-0.2287	-0.0710	-0.0847										
73A	13	10	0.897	12.52	-44.99	1.7487	1.8949	0.1719	0.0488	0.0619	1.4202	1.8025			
		11	-0.1784	-0.0624	-0.0676	1.4145	1.8730	0.3631	0.0699	0.1339	0.9635	1.8442			
		12	-0.3092	-0.0875	-0.1158										
73A	14	10	0.898	12.52	-56.28	1.4442	1.8019	0.0689	0.0213	0.0258	1.5438	1.8698			
		11	-0.2740	-0.0791	-0.1404	0.9357	1.8449	0.2739	0.0683	0.1006	1.2480	1.8374			
		12	-0.3805	-0.0712	-0.1404										
73A	15	10	0.901	12.53	-67.48	1.2426	1.7924	0.0233	0.0046	0.0076	0.9876	1.6335			
		11	-0.3487	-0.0866	-0.1250	0.8830	1.8274	0.1963	0.0581	0.0710	1.4800	1.8093			
		12	-0.4040	-0.0713	-0.1476										
73A	16	10	0.898	12.54	-78.80	0.9717	1.7903	0.0934	0.0190	0.0336	1.0185	1.7983			
		11	-0.4082	-0.0793	-0.1461	0.8867	1.8168	0.1150	0.0317	0.0399	1.3793	1.7369			
		12	-0.3971	-0.0704	-0.1443										
73A	17	10	0.898	12.53	-90.01	0.8125	1.7876	0.1305	0.0330	0.0454	1.2668	1.7415			
		11	-0.4161	-0.0676	-0.1487	0.9628	1.7956	0.0358	0.0074	0.0101	1.0408	1.4200			
		12	-0.3914	-0.0753	-0.1405										
739	3	10	0.799	-3.12	-0.00	0.3628	2.5036	-0.0671	-0.0242	-0.0225	1.8042	1.6796			
		11	0.0078	0.0005	0.0039	4.8726	1.9323	-0.0569	-0.0201	-0.0200	1.7709	1.7573			
		12	0.0009	0.0009	0.0003										
739	4	10	0.800	-1.08	-0.00										

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
739	5	11	0.0094	0.0012	0.0043	0.6394	2.2688	-0.0146	-0.0052	-0.0051	1.7783	1.7672								
		12	0.0030	0.0014	0.0005	2.4488	0.8394	-0.0025	-0.0005	-0.0026	1.0532	5.0855								
739	6	10	0.800	-0.003	-0.00	0.2544	2.5677	0.0073	0.0027	0.0025	1.8455	1.7551								
		12	0.0068	0.0015	0.0005	2.2705	0.7272	0.0171	0.0067	0.0045	1.9560	1.3141								
739	7	10	0.800	0.48	-0.00	0.3208	2.4139	0.0187	0.0068	0.0069	1.8288	1.8515								
		12	0.0070	0.0004	0.0034	2.4890	1.4009	0.0280	0.0107	0.0083	1.9067	1.4955								
739	8	10	0.799	0.97	-0.00	0.2544	2.5677	0.0274	0.0100	0.0098	1.8244	1.7662								
		12	0.0069	0.0003	0.0035	2.6971	1.2460	0.0376	0.0142	0.0118	1.8683	1.5682								
739	9	10	0.800	3.10	-0.00	-0.4291	2.7778	0.0872	0.0313	0.0302	1.7938	1.7336								
		12	0.0047	-0.0004	0.0026	2.5916	0.3094	0.0914	0.0334	0.0304	1.8258	1.6643								
739	10	10	0.798	6.20	-0.00	0.1014	2.4286	0.1804	0.0588	0.0636	1.6310	1.7636								
		12	0.0062	0.0001	0.0030	2.3244	0.7611	0.1821	0.0600	0.0635	1.6495	1.7446								
739	11	10	0.797	9.30	-0.00	-1.0376	2.9541	0.3026	0.0766	0.1083	1.2670	1.7909								
		12	0.0040	-0.0008	0.0024	2.1268	-0.3120	0.3007	0.0777	0.1075	1.2929	1.7879								
739	12	10	0.797	12.51	-0.00	-2.0401	4.437	0.4225	0.0727	0.1503	0.8606	1.7787								
		12	0.0025	-0.0010	0.0022	1.3687	0.2387	0.4193	0.0732	0.1497	0.8737	1.7856								
739	1	10	0.800	-0.007	-0.00	0.4367	2.4577	0.0066	0.0024	0.0024	1.8650	1.8252								
		12	0.0077	0.0006	0.0037	2.4832	0.9942	0.0172	0.0066	0.0043	1.9119	1.2688								
740	2	10	0.798	-3.13	-0.00	0.5171	2.4123	-0.0740	-0.0265	-0.0246	1.7919	1.6665								
		12	0.0096	0.0010	0.0046	2.6683	1.0668	-0.0619	-0.0221	-0.0217	1.7906	1.7530								
740	3	10	0.799	-1.06	-0.00	0.4213	2.4479	-0.0168	-0.0060	-0.0055	1.7880	1.6459								
		12	0.0079	0.0006	0.0039	2.6683	1.0668	-0.0081	-0.0025	-0.0037	1.5387	2.2595								

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
740	3	10	0.799	-0.02	-0.00	0.4792	2.4718	0.0031	0.0012	0.0019	1.9666	3.0471	1.3090	
	11		0.0081	0.0007	0.0040	2.3733	0.9510	0.0129	0.0048	0.0033	1.0751	1.9666		
	12		0.0026	0.0012	0.0005							1.0751		1.9666
740	4	10	0.797	0.49	-0.00	0.0328	3.0595	0.0167	0.0061	0.0064	1.8375	1.9271	1.5278	
	11		0.0057	0.0000	0.0035	3.0324	0.6567	0.0233	0.0087	0.0071	1.8608	1.8375		
	12		0.0019	0.0011	0.0002							1.8608		1.8375
740	5	10	0.797	0.98	-0.00	0.1924	2.7537	0.0280	0.0102	0.0101	1.8208	1.8163	1.5787	
	11		0.0064	0.0002	0.0035	2.6589	0.5291	0.0357	0.0132	0.0112	1.8540	1.8208		
	12		0.0023	0.0012	0.0002							1.8540		1.8208
740	6	10	0.793	3.09	-0.00	-0.1584	2.4119	0.0816	0.0291	0.0280	1.7856	1.7150	1.6655	
	11		0.0062	-0.0001	0.0030	-0.1584	0.3094	0.0863	0.0313	0.0287	1.8174	1.7856		
	12		0.0020	0.0010	0.0001	2.5916						1.8174		1.7856
740	7	10	0.798	6.22	-0.00	-0.8638	2.9786	0.1772	0.0579	0.0622	1.6348	1.7570	1.7437	
	11		0.0042	-0.0007	0.0025	-0.8638	0.0005	0.1787	0.0590	0.0623	1.6525	1.6348		
	12		0.0014	0.0008	0.0000	3.0168						1.6525		1.6348
740	8	10	0.798	9.32	-0.00	-1.0323	3.1088	0.3011	0.0766	0.1078	1.2726	1.7911	1.7918	
	11		0.0040	-0.0008	0.0025	-1.0323	0.7177	0.2965	0.0776	0.1062	1.3094	1.2726		
	12		0.0035	0.0012	0.0005	1.7792						1.3094		1.2726
740	9	10	0.797	12.50	-0.00	-2.6459	4.1335	0.4203	0.0737	0.1493	0.8769	1.7764	1.7837	
	11		0.0026	-0.0013	0.0021	-2.6459	-0.2946	0.4181	0.0738	0.1491	0.8826	0.8769		
	12		0.0021	0.0007	-0.0001	1.7564						0.8826		0.8769
740	10	10	0.797	-0.04	-0.00	0.3787	2.5992	0.0047	0.0045	0.0024	1.7576	2.5942	1.3444	
	11		0.0075	0.0005	0.0039	2.3703	0.7107	0.0121	0.0016	0.0032	1.8712	1.7576		
	12		0.0026	0.0012	0.0003							1.8712		1.7576
741	1	10	0.798	-3.10	-0.00	0.6696	2.1528	-0.0752	-0.0269	-0.0250	1.7936	1.6658	1.7461	
	11		0.0114	0.0015	0.0049	2.4046	1.2201	-0.0635	-0.0229	-0.0222	1.8026	1.7936		
	12		0.0041	0.0020	0.0010							1.8026		1.7936
741	2	10	0.797	-1.07	-0.00	0.4411	2.6210	-0.0208	-0.0073	-0.0063	1.7601	1.5306	1.9336	
	11		0.0077	0.0006	0.0040	2.4164	1.1106	-0.0123	-0.0039	-0.0047	1.6098	1.7601		
	12		0.0028	0.0013	0.0006							1.6098		1.7601
741	3	10	0.797	-0.01	-0.00	0.4150	2.2113	0.0019	0.0008	0.0016	2.1837	4.4046	1.3094	
	11		0.0060	0.0006	0.0035	2.4134	0.8917	0.0091	0.0034	0.0023	1.8713	2.1837		
	12		0.0028	0.0013	0.0005							1.8713		2.1837

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
741	4	10	0.797	0.49	0.4573	2.2386	0.0105	0.0037	0.0045	1.7901	2.1583											
		11	0.0065	0.0007	0.0038																	
		12	0.0023	0.0012	0.0005	2.6683	1.0668	0.0206	0.0075	1.8318	1.4686											
741	5	10	0.798	1.01	0.3585	2.3423	0.0240	0.0086	0.0103	1.7988	1.7977											
		11	0.0078	0.0005	0.0036																	
		12	0.0031	0.0013	0.0003	2.1842	0.6054	0.0328	0.0121	1.8525	1.5710											
741	6	10	0.797	3.10	0.0934	2.4082	0.0792	0.0284	0.0273	1.7941	1.7227											
		11	0.0068	0.0011	0.0033																	
		12	0.0025	0.0011	0.0003	2.3244	0.7611	0.0837	0.0303	1.8130	1.6692											
741	7	10	0.799	6.25	-0.0724	2.4551	0.1727	0.0568	0.0605	1.6444	1.7526											
		11	0.0061	-0.0000	0.0030																	
		12	0.0036	0.0014	0.0006	2.0488	0.8830	0.1776	0.0587	1.6541	1.7391											
741	8	10	0.798	9.35	-1.4300	3.0677	0.2980	0.0768	0.1066	1.2886	1.7888											
		11	0.0037	-0.0010	0.0022																	
		12	0.0015	0.0007	-0.0001	-2.4323	-0.4078	0.2975	0.0780	1.3108	1.7827											
741	9	10	0.797	12.49	-5.7650	4.6909	0.4189	0.0732	0.1487	0.8742	1.7752											
		11	0.0014	-0.0017	0.0013																	
		12	0.0016	0.0006	-0.0002	-1.9348	-0.7553	0.4164	0.0734	0.8622	1.7877											
741	10	10	0.797	-0.02	0.5908	2.1763	-0.0006	-0.0002	0.0001	1.6151	-0.9900											
		11	0.0093	0.0011	0.0040																	
		12	0.0030	0.0014	0.0006	2.4518	1.0527	0.0083	0.0020	1.8654	1.2075											
742	1	10	0.798	-3.10	0.6092	2.1643	-0.0782	-0.0283	-0.0261	1.8096	1.6741											
		11	0.0108	0.0013	0.0046																	
		12	0.0034	0.0015	0.0008	2.2765	1.2834	-0.0668	-0.0233	1.7977	1.7441											
742	2	10	0.798	-1.08	0.5534	2.0488	-0.0235	-0.0084	-0.0072	1.7983	1.5432											
		11	0.0098	0.0010	0.0040																	
		12	0.0026	0.0012	0.0005	2.3733	0.9510	-0.0153	-0.0057	1.7244	1.8705											
742	3	10	0.796	-0.03	0.4425	2.2369	-0.0019	-0.0006	0.0001	1.6215	-0.3304											
		11	0.0087	0.0007	0.0039																	
		12	0.0036	0.0014	0.0005	2.0476	0.7047	0.0058	0.0015	1.9667	1.3008											
742	4	10	0.796	0.51	0.3585	2.3423	0.0085	0.0031	0.0040	1.8229	2.3362											
		11	0.0078	0.0005	0.0036																	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
742	5	12	0.0028	0.0013	0.0005	2.4134	0.8917	0.0167	0.0062	0.0052	1.8769	1.5762								
		10	0.798	1.00	-0.00															
		11	0.0061	-0.0000	0.0030	-0.0724	2.4551	0.0199	0.0067	0.0074	1.7904	1.9799								
		12	0.0031	0.0013	0.0005	2.1861	0.8094	0.0268	0.0097	0.0084	1.8203	1.5680								
742	6	10	0.797	3.15	-0.00	0.0133	2.3863	0.0815	0.0291	0.0281	1.7869	1.7285								
		11	0.0063	0.0000	0.0030	2.0488	0.8830	0.0634	0.0300	0.0276	1.7989	1.6506								
		12	0.0036	0.0014	0.0006															
742	7	10	0.798	6.23	-0.00	-0.7088	2.8588	0.1768	0.0577	0.0622	1.6320	1.7594								
		11	0.0044	-0.0006	0.0025	1.8926	0.8172	0.1773	0.0585	0.0610	1.6514	1.7389								
		12	0.0038	0.0014	0.0006															
742	8	10	0.797	9.33	-0.00	-1.9211	2.8295	0.2975	0.0768	0.1062	1.2912	1.7856								
		11	0.0033	-0.0012	0.0018	-2.2578	-0.5297	0.2949	0.0778	0.1054	1.3195	1.7679								
		12	0.0023	0.0010	-0.0002															
742	9	10	0.797	12.50	-0.00	-3.5157	3.8607	0.4215	0.0727	0.1495	0.8631	1.7742								
		11	0.0021	-0.0014	0.0016	1.6428	-1.4294	0.4198	0.0735	0.1495	0.8756	1.7610								
		12	0.0013	0.0004	-0.0003															
742	10	10	0.800	-0.01	-0.00	0.4933	2.1923	-0.0013	-0.0004	0.0003	1.6104	-1.4785								
		11	0.0089	0.0008	0.0039	2.4803	0.7929	0.0057	0.0022	0.0016	1.9667	-1.4112								
		12	0.0031	0.0015	0.0005															
743	1	10	0.799	-3.08	-0.00	0.6077	2.1058	-0.0818	-0.0297	-0.0278	1.8180	1.7000								
		11	0.0108	0.0013	0.0045	2.4547	1.2676	-0.0718	-0.0259	-0.0248	1.8069	1.7319								
		12	0.0030	0.0014	0.0007															
743	2	10	0.799	-1.03	-0.00	0.5551	2.1129	-0.0272	-0.0098	-0.0085	1.8045	1.5724								
		11	0.0099	0.0011	0.0041	2.2325	0.9604	-0.0180	-0.0063	-0.0066	1.7650	1.8469								
		12	0.0033	0.0014	0.0006															
743	3	10	0.798	-0.02	-0.00	0.4425	2.2369	-0.0089	-0.0032	-0.0015	1.8276	0.8771								
		11	0.0088	0.0007	0.0039	2.1386	1.1307	-0.0021	-0.0003	-0.0005	0.9418	1.1840								
		12	0.0039	0.0016	0.0008															
743	4	10	0.799	0.50	-0.00	0.4573	2.2386	0.0042	0.0015	0.0032	1.8402	3.8273								
		11	0.0085	0.0007	0.0038	1.9424	0.9135	0.0093	0.0037	0.0035	1.9950	1.8952								
		12	0.0048	0.0018	0.0008															
743	5	10	0.799	1.04	-0.00															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																				
743	6	10	11	12	0.0076	0.0004	0.0035	0.2950	2.3143	0.0150	0.0053	0.0067	1.7645	2.2337								
					0.0025	0.0011	0.0002	2.3214	0.5057	0.0225	0.0082	0.0075	1.6239	1.6731								
					0.799	3.14	-0.00	0.1560	2.1672	0.0756	0.0267	0.0259	1.7687	1.7114								
					0.0073	0.0002	0.0031	2.3244	0.7611	0.0787	0.0262	0.0262	1.7907	1.6640								
					0.0025	0.0011	0.0003															
743	7	10	11	12	0.799	6.24	-0.00	0.0882	2.2230	0.1735	0.0569	0.0608	1.6416	1.7535								
					0.0068	0.0001	0.0030	2.0766	0.4537	0.1738	0.0575	0.0603	1.6548	1.7358								
					0.0028	0.0011	0.0002															
743	8	10	11	12	0.783	9.35	-0.00	-3.5301	3.5656	0.2934	0.0765	0.1048	1.3044	1.7873								
					0.0021	-0.0016	0.0015	2.1268	-0.3120	0.2939	0.0776	0.1050	1.3214	1.7876								
					0.0020	0.0008	-0.0001															
743	9	10	11	12	0.799	12.50	-0.00	-5.7133	4.7605	0.4210	0.0733	0.1492	0.8705	1.7722								
					0.0015	-0.0018	0.0015	1.5018	0.3648	0.4168	0.0731	0.1489	0.8769	1.7866								
					0.0035	0.0010	0.0002															
743	10	10	11	12	0.799	0.01	-0.00	0.6191	2.2017	-0.0093	-0.0033	-0.0018	1.7931	0.9734								
					0.0098	0.0012	0.0043	2.0476	0.7047	-0.0023	-0.0005	-0.0002	1.1069	0.5367								
					0.0036	0.0014	0.0005															
744	1	10	11	12	0.800	-3.05	-0.00	0.5907	2.0509	-0.0826	-0.0297	-0.0277	1.8008	1.6785								
					0.0111	0.0013	0.0045	2.1765	1.0818	-0.0731	-0.0264	-0.0254	1.8097	1.7370								
					0.0041	0.0017	0.0008															
744	3	10	11	12	0.799	-1.01	-0.00	0.7230	2.1181	-0.0327	-0.0119	-0.0103	1.8224	1.5866								
					0.0113	0.0016	0.0048	2.0970	1.1842	-0.0258	-0.0091	-0.0087	1.7720	1.7010								
					0.0037	0.0015	0.0008															
744	4	10	11	12	0.799	-0.00	-0.00	0.4592	2.3132	-0.0173	-0.0062	-0.0041	1.8075	1.1958								
					0.0085	0.0007	0.0039	2.1344	0.6416	-0.0105	-0.0036	-0.0028	1.7009	1.3578								
					0.0029	0.0012	0.0003															
744	5	10	11	12	0.799	0.50	-0.00	0.4933	2.1923	-0.0089	-0.0032	-0.0001	1.8169	0.0749								
					0.0089	0.0008	0.0039	1.9876	0.9006	-0.0036	-0.0009	-0.0006	1.3098	-0.8689								
					0.0042	0.0016	0.0007															
744	6	10	11	12	0.800	1.05	-0.00	0.4914	2.1216	0.0024	0.0006	0.0038	1.4079	7.2311								
					0.0089	0.0008	0.0037	2.1842	0.6054	0.0098	0.0035	0.0045	1.7987	2.2651								
					0.0031	0.0013	0.0003															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
744	7	10	0.799	3.13	-0.00	0.1503	2.1680	0.0693	0.0245	0.0239	1.7693	1.7251						
		11	0.0076	0.0022	0.0032	1.9810	1.0092	0.0707	0.0252	0.0234	1.7881	1.6549						
		12	0.0050	0.0020	0.0010													
744	8	10	0.799	6.26	-0.00	0.3857	2.5965	0.1739	0.0571	0.0605	1.6429	1.7414						
		11	0.0053	-0.0004	0.0027	-2.0131	0.4844	0.1711	0.0568	0.0594	1.6622	1.7368						
		12	0.0026	0.0010	0.0002													
744	9	10	0.799	9.34	-0.00	0.4180	3.0689	0.2948	0.0764	0.1053	1.2963	1.7865						
		11	0.0028	-0.0013	0.0017	-2.4180	0.0022	0.2938	0.0776	0.1046	1.3216	1.7799						
		12	0.0024	0.0009	0.0000	1.9377												
744	10	10	0.800	12.53	-0.00	0.3655	8.9987	0.4196	0.0729	0.1488	0.8687	1.7737						
		11	0.0008	-0.0019	0.0015	-11.9238	-3.6042	0.4170	0.0736	0.1485	0.8833	1.7813						
		12	0.0008	0.0003	-0.0006													
744	11	10	0.800	0.01	-0.00	0.2330	2.4539	-0.0167	-0.0060	-0.0038	1.8135	1.1634						
		11	0.0074	0.0003	0.0036	2.3703	0.7107	-0.0105	-0.0036	-0.0028	1.7009	1.3578						
		12	0.0026	0.0012	0.0003													
745	1	10	0.801	-3.04	-0.00	0.6883	2.1214	-0.0842	-0.0306	-0.0281	1.8175	1.6723						
		11	0.0119	0.0016	0.0050	2.0509	1.1827	-0.0760	-0.0275	-0.0263	1.8121	1.7338						
		12	0.0053	0.0021	0.0012													
745	2	10	0.800	-1.01	-0.00	0.5103	2.1518	-0.0361	-0.0131	-0.0112	1.8181	1.5575						
		11	0.0097	0.0009	0.0041	2.1344	0.6416	-0.0290	-0.0104	-0.0100	1.7973	1.7197						
		12	0.0029	0.0012	0.0003													
745	3	10	0.800	0.02	-0.00	0.5733	2.1767	-0.0191	-0.0070	-0.0046	1.8303	1.2193						
		11	0.0095	0.0011	0.0041	2.0291	0.8643	-0.0148	-0.0051	-0.0042	1.7298	1.4298						
		12	0.0044	0.0017	0.0007													
745	4	10	0.800	0.52	-0.00	0.4612	2.3877	-0.0127	-0.0047	-0.0022	1.8453	0.8640						
		11	0.0084	0.0007	0.0040	1.9802	0.8814	-0.0101	-0.0033	-0.0019	1.6338	0.9857						
		12	0.0050	0.0019	0.0008													
745	5	10	0.800	1.08	-0.00	0.4406	2.1647	-0.0067	-0.0024	0.0010	1.7991	-0.7647						
		11	0.0087	0.0007	0.0037	2.2286	0.5731	-0.0024	-0.0005	0.0020	1.1651	-4.0844						
		12	0.0033	0.0014	0.0003													
745	6	10	0.800	3.17	-0.00	0.0900	2.3993	0.0648	0.0225	0.0223	1.7399	1.7393						
		11	0.0071	0.0001	0.0034	2.0766	0.4537	0.0667	0.0236	0.0225	1.7715	1.6721						
		12	0.0028	0.0011	0.0002													

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
745	7	10	0.800	6.26	-0.0029	-0.0001	-0.2630	2.4268	0.1698	0.0559	0.0590	1.6471	1.7395							
		11	0.0058	-0.0003	0.0029	0.0001	2.1989	-0.2867	0.1701	0.0565	0.0589	1.6609	1.7338							
		12	0.0021	0.0009	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001							
745	8	10	0.801	9.36	-0.0015	-0.0002	-2.7946	2.8043	0.2996	0.0763	0.1074	1.2747	1.7924							
		11	0.0026	-0.0015	0.0015	0.0002	-2.1966	-0.5724	0.2976	0.0779	0.1062	1.3088	1.7841							
		12	0.0021	0.0009	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002							
745	9	10	0.800	12.54	-0.0011	-0.0010	-9.0182	5.6132	0.4170	0.0721	0.1482	0.8652	1.7772							
		11	0.0010	-0.0018	0.0011	0.0010	-2.7660	1.5163	0.4161	0.0735	0.1483	0.8839	1.7825							
		12	0.0004	0.0002	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010							
745	10	10	0.800	0.03	-0.0000	-0.0000	0.4089	2.5149	-0.0197	-0.0072	-0.0050	1.8249	1.2791							
		11	0.0083	0.0006	0.0041	0.0003	2.0463	0.5274	-0.0135	-0.0047	-0.0039	1.7387	1.4711							
		12	0.0036	0.0014	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003							
746	1	10	0.801	-3.01	-0.0000	-0.0000	0.6117	1.9679	-0.0894	-0.0323	-0.0295	1.8099	1.6539							
		11	0.0115	0.0014	0.0045	0.0010	2.1780	1.2394	-0.0794	-0.0287	-0.0274	1.8103	1.7287							
		12	0.0040	0.0017	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010							
746	2	10	0.800	-0.99	-0.0000	-0.0000	0.5834	2.1398	-0.0364	-0.0131	-0.0115	1.8037	1.5812							
		11	0.0103	0.0012	0.0044	0.0007	2.2345	1.1559	-0.0290	-0.0104	-0.0098	1.7973	1.6976							
		12	0.0032	0.0014	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007							
746	3	10	0.798	0.02	-0.0000	-0.0000	0.5518	1.9847	-0.0188	-0.0070	-0.0050	1.8607	1.3421							
		11	0.0098	0.0010	0.0039	0.0005	2.1861	0.8094	-0.0147	-0.0052	-0.0046	1.7795	1.5715							
		12	0.0031	0.0013	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005							
746	4	10	0.799	0.53	-0.0000	-0.0000	0.6211	1.9831	-0.0129	-0.0048	-0.0023	1.8611	0.8522							
		11	0.0105	0.0013	0.0041	0.0007	1.9425	0.9400	-0.0107	-0.0037	-0.0023	1.7232	1.0978							
		12	0.0040	0.0015	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007							
746	5	10	0.799	1.11	-0.0000	-0.0000	0.3439	2.2590	-0.0097	-0.0035	-0.0002	1.8267	0.1352							
		11	0.0081	0.0005	0.0036	0.0003	2.1344	0.6416	-0.0072	-0.0024	-0.0001	1.6716	0.0780							
		12	0.0029	0.0012	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003							
746	6	10	0.798	3.18	-0.0000	-0.0000	0.2685	2.0747	0.0593	0.0204	0.0210	1.7203	1.7747							
		11	0.0082	0.0004	0.0034	0.0001	2.1989	-0.2867	0.0632	0.0220	0.0211	1.7412	1.6680							
		12	0.0021	0.0009	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001							
746	7	10	0.800	6.26	-0.0000	-0.0000	0.2706	2.1516	0.1703	0.0560	0.0596	1.6458	1.7513							
		11	0.0082	0.0004	0.0035	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003							
		12	0.0021	0.0009	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt. Cd	See Key												
		0.0021	0.0009	0.0000	2.2015	0.0018	0.1695	0.0563	0.0506	1.6609	1.7300			
746	8	0.799	9.33	-0.0016	-3.1068	3.4007	0.2957	0.0766	0.1054	1.2961	1.7031			
	11	0.0024	-0.0014	0.0000	1.8762	0.0023	0.2913	0.0772	0.1041	1.5260	1.7860			
	12	0.0031	0.0011	0.0000										
746	9	0.800	12.54	-0.0016	-3.6603	3.4993	0.4167	0.0726	0.1477	0.8744	1.7733			
	11	0.0023	-0.0017	0.0000	1.2558	-0.2463	0.4150	0.0733	0.1480	0.8830	1.7633			
	12	0.0025	0.0006	-0.0001										
746	10	0.600	0.07	-0.000	0.5750	2.2426	-0.0194	-0.0071	-0.0049	1.8525	1.2643			
	11	0.0095	0.0011	0.0042	2.0944	0.8415	-0.0145	-0.0051	-0.0044	1.7647	1.5465			
	12	0.0037	0.0015	0.0006										
747	1	0.799	-2.98	-0.000	0.7056	2.0924	-0.0909	-0.0329	-0.0301	1.8100	1.6563			
	11	0.0123	0.0017	0.0051	2.1414	1.4614	-0.0792	-0.0287	-0.0274	1.8170	1.7350			
	12	0.0039	0.0016	0.0011										
747	2	0.800	-0.97	-0.000	0.3344	2.3317	-0.0369	-0.0133	-0.0116	1.8008	1.5716			
	11	0.0083	0.0005	0.0039	2.6636	0.7967	-0.0310	-0.0111	-0.0108	1.7940	1.7480			
	12	0.0023	0.0012	0.0003										
747	3	0.799	0.04	-0.000	0.0900	2.3993	-0.0189	-0.0070	-0.0053	1.8724	1.3986			
	11	0.0071	0.0001	0.0034	2.0944	0.8415	-0.0177	-0.0063	-0.0057	1.7951	1.6220			
	12	0.0037	0.0015	0.0006										
747	4	0.799	0.56	-0.000	0.3481	2.4146	-0.0101	-0.0038	-0.0018	1.8973	0.8253			
	11	0.0081	0.0005	0.0039	2.0944	0.8415	-0.0082	-0.0028	-0.0018	1.7506	1.1320			
	12	0.0037	0.0015	0.0006										
747	5	0.801	1.09	-0.000	0.4028	2.2867	-0.0067	-0.0026	0.0001	1.9503	-0.0932			
	11	0.0082	0.0006	0.0037	2.0683	0.9713	-0.0078	-0.0024	-0.0007	1.5750	-0.4660			
	12	0.0045	0.0018	0.0008										
747	6	0.799	3.18	-0.000	0.0186	2.5676	0.0635	0.0215	0.0224	1.6997	1.7648			
	11	0.0066	0.0000	0.0034	2.0766	0.4537	0.0658	0.0229	0.0220	1.7403	1.6767			
	12	0.0028	0.0011	0.0002										
747	7	0.800	6.27	-0.000	0.3344	2.3317	0.1700	0.0560	0.0596	1.6487	1.7543			
	11	0.0083	0.0005	0.0039	1.8771	0.2062	0.1678	0.0558	0.0583	1.6627	1.7365			
	12	0.0030	0.0011	0.0001										
747	8	0.799	9.37	-0.000										
	10													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key \longleftrightarrow																
			11	12	0:0014	-0:0019	0:0001	-0:0001	6:7761	5:7965	0:2932	0:0763	0:1044	1:3013	1:7817				
					0:0031	0:0011	-0:0001	-1:8757	-0:1997	0:2920	0:0770	0:1041	1:3198	1:7827					
747	9		10	11	12	0:798	12:54	0:0026	8:8952	-1:6971	0:4149	0:0731	0:1474	0:8810	1:7761				
						-0:0015	0:0005	-0:0005	1:8046	-1:6696	0:4134	0:0739	0:1474	0:8946	1:7826				
747	10		10	11	12	0:799	0:05	-0:00	0:5493	2:4266	-0:0181	-0:0067	-0:0049	1:8686	1:3534				
						0:0091	0:0010	0:0044	2:0281	0:7188	-0:0148	-0:0053	-0:0048	1:7940	1:6392				
						0:0044	0:0017	0:0006	0:5493	2:4266	-0:0181	-0:0067	-0:0049	1:7940	1:6392				
748	5		10	11	12	0:800	-3:08	0:0051	1:0590	2:0197	-0:0621	-0:0219	-0:0209	1:7656	1:6842				
						0:0128	0:0027	0:0046	1:7314	1:8325	-0:0693	-0:0250	-0:0237	1:8086	1:7103				
						-0:0127	-0:0044	-0:0046	1:7314	1:8325	-0:0693	-0:0250	-0:0237	1:8086	1:7103				
748	6		10	11	12	0:799	-0:05	0:0059	1:2898	1:9110	0:0095	0:0038	0:0033	2:0301	1:7566				
						0:0155	0:0040	0:0012	1:8359	1:7301	-0:0001	-0:0000	-0:0002	3:1323	7:9199				
						-0:0036	-0:0013	-0:0012	1:8359	1:7301	-0:0001	-0:0000	-0:0002	3:1323	7:9199				
748	7		10	11	12	0:798	0:01	0:0059	1:2700	1:9331	0:0100	0:0039	0:0036	1:9888	1:8064				
						0:0154	0:0039	0:0017	1:7679	1:5952	0:0001	0:0001	0:0001	3:0645	3:7378				
						-0:0055	-0:0019	-0:0017	1:7679	1:5952	0:0001	0:0001	0:0001	3:0645	3:7378				
748	8		10	11	12	0:798	0:97	0:0062	1:3593	1:8518	0:0338	0:0128	0:0117	1:8985	1:7343				
						0:0167	0:0045	0:0008	2:0523	2:5293	0:0213	0:0076	0:0071	1:8002	1:6746				
						-0:0017	-0:0007	-0:0008	2:0523	2:5293	0:0213	0:0076	0:0071	1:8002	1:6746				
748	9		10	11	12	0:800	2:06	0:0075	1:4261	1:9944	0:0586	0:0216	0:0203	1:8452	1:7328				
						0:0190	0:0054	0:0005	2:7660	-1:5163	0:0477	0:0168	0:0155	1:7669	1:6256				
						0:0002	0:0001	-0:0005	2:7660	-1:5163	0:0477	0:0168	0:0155	1:7669	1:6256				
748	10		10	11	12	0:801	3:11	0:0080	1:4285	2:0098	0:0895	0:0324	0:0304	1:8084	1:6995				
						0:0201	0:0057	0:0005	2:8781	-5:3669	0:0765	0:0273	0:0253	1:7877	1:6576				
						0:0003	0:0002	-0:0005	2:8781	-5:3669	0:0765	0:0273	0:0253	1:7877	1:6576				
748	11		10	11	12	0:799	4:16	0:0083	1:4511	2:1028	0:1194	0:0419	0:0412	1:7539	1:7256				
						0:0198	0:0057	0:0008	2:7920	-10:3236	0:1042	0:0369	0:0352	1:7715	1:6896				
						0:0004	0:0002	-0:0008	2:7920	-10:3236	0:1042	0:0369	0:0352	1:7715	1:6896				
748	12		10	11	12	0:800	-0:02	0:0063	1:3062	1:9520	0:0093	0:0037	0:0032	2:0106	1:7198				
						0:0161	0:0042	0:0012	1:6896	1:3774	-0:0006	-0:0001	-0:0003	1:6243	3:0649				
						-0:0045	-0:0015	-0:0012	1:6896	1:3774	-0:0006	-0:0001	-0:0003	1:6243	3:0649				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
749	1	10	0.799	-3.10	-0.00	0.8863	1.8790	-0.0730	-0.0259	-0.0240	1.7779	1.6472							
	11	11	0.0135	0.0023	0.0050	1.6553	1.8415	-0.0639	-0.0229	-0.0221	1.7792	1.7200							
	12	12	-0.0127	-0.0042	-0.0047														
749	2	10	0.800	0.00	-0.00	1.2019	1.9077	0.0002	0.0005	0.0009	10.2276	17.2802							
	11	11	0.0162	0.0039	0.0062	1.3604	1.3178	0.0087	0.0032	0.0023	1.8253	1.3621							
	12	12	-0.0053	-0.0014	-0.0013														
749	3	10	0.800	0.49	-0.00	1.2252	1.9820	0.0150	0.0056	0.0056	1.8750	1.8886							
	11	11	0.0160	0.0039	0.0063	1.3853	1.1784	0.0231	0.0082	0.0070	1.7775	1.5204							
	12	12	-0.0048	-0.0013	-0.0011														
749	4	10	0.798	1.03	-0.00	1.2556	1.9281	0.0234	0.0088	0.0085	1.8768	1.8224							
	11	11	0.0178	0.0044	0.0068	0.8631	2.0087	0.0332	0.0120	0.0102	1.8134	1.5328							
	12	12	-0.0028	-0.0004	-0.0011														
749	5	10	0.800	2.05	-0.00	1.3173	1.9601	0.0511	0.0188	0.0182	1.8375	1.7802							
	11	11	0.0194	0.0051	0.0076	-1.0073	4.8969	0.0579	0.0208	0.0187	1.8022	1.6176							
	12	12	-0.0006	0.0001	-0.0006														
749	6	10	0.798	3.10	-0.00	1.3357	1.9466	0.0817	0.0294	0.0278	1.7985	1.7029							
	11	11	0.0212	0.0056	0.0082	-5.9113	10.8688	0.0862	0.0307	0.0283	1.7854	1.6444							
	12	12	-0.0002	0.0003	-0.0006														
749	7	10	0.798	4.15	-0.00	1.2983	2.1198	0.1119	0.0394	0.0388	1.7620	1.7371							
	11	11	0.0177	0.0046	0.0075	-6.1968	13.5326	0.1140	0.0402	0.0385	1.7644	1.6924							
	12	12	-0.0002	0.0003	-0.0007														
749	8	10	0.799	-0.06	-0.00	1.1829	1.9683	-0.0001	0.0004	0.0006	-1.1731	-16.6517							
	11	11	0.0161	0.0038	0.0063	1.3697	1.2903	0.0093	0.0032	0.0021	1.7102	1.1416							
	12	12	-0.0063	-0.0017	-0.0016														
750	1	10	0.798	-3.10	-0.00	0.4745	2.0550	-0.0711	-0.0257	-0.0238	1.8093	1.6796							
	11	11	0.0092	0.0008	0.0038	2.3588	1.6147	-0.0632	-0.0227	-0.0222	1.7958	1.7559							
	12	12	0.0051	0.0024	0.0016														
750	2	10	0.799	-0.05	-0.00	-0.1966	3.3248	0.0007	0.0003	0.0011	2.0266	7.6697							
	11	11	0.0045	-0.0001	0.0030	-2.2004	1.3314	0.0083	0.0033	0.0020	1.9793	1.1981							
	12	12	0.0052	0.0023	0.0013														
750	3	10	0.799	0.49	-0.00	0.1209	2.9684	0.0119	0.0042	0.0049	1.7926	2.0597							
	11	11	0.0059	0.0001	0.0035	2.3320	1.4094	0.0215	0.0079	0.0062	1.8453	1.4603							
	12	12	0.0049	0.0023	0.0013														

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
750	4	10 11 12	0.798 0.0032 0.0044	-0.0006 0.0020	-0.0029 0.0007	-0.9354 2.2419	3.8623 0.8517	0.0266 0.0333	0.0094 0.0124	0.0055 0.0106	1.7843 1.8708	1.7970 1.6038						
750	5	10 11 12	0.79A 0.0028 0.0050	2.05 -0.0010 0.0022	-0.00 0.0021 0.0012	-1.8505 2.1707	3.7768 1.2503	0.0523 0.0578	0.0187 0.0211	0.0183 0.0188	1.7956 1.8317	1.7535 1.6300						
750	6	10 11 12	0.799 0.0023 0.0034	3.11 -0.0011 0.0015	-0.00 0.0020 0.0007	-2.4366 2.2745	4.2509 1.0968	0.0904 0.0843	0.0266 0.0306	0.0276 0.0282	1.7824 1.8141	1.7173 1.6758						
750	7	10 11 12	0.799 0.0033 0.0034	4.15 -0.0009 0.0015	-0.00 0.0022 0.0006	-1.4292 2.2725	3.4360 0.9114	0.1129 0.1149	0.0394 0.0407	0.0388 0.0386	1.7473 1.7714	1.7197 1.6837						
750	8	10 11 12	0.798 0.0057 0.0055	-0.002 0.0001 0.0025	-0.00 0.0034 0.0015	0.1266 2.2534	3.0081 1.3628	-0.0000 0.0090	-0.0000 0.0035	0.0005 0.0022	0.7398-91 1.9550	1.3538 1.2546						
751	1	10 11 12	0.797 0.0090 0.0065	-3.10 0.0007 0.0029	-0.00 0.0043 0.0017	0.4323 2.2365	2.3749 1.3528	-0.0725 -0.0611	-0.0262 -0.0219	-0.0242 -0.0213	1.8093 1.7974	1.6729 1.7427						
751	2	10 11 12	0.798 0.0059 0.0045	-0.004 0.0001 0.0022	-0.00 0.0035 0.0010	0.1209 2.4527	2.9684 1.1242	-0.0003 0.0115	-0.0002 0.0043	0.0002 0.0027	2.9193 1.8845	-3.5045 1.1974						
751	3	10 11 12	0.797 0.0044 0.0037	0.51 -0.0002 0.0019	-0.00 0.0033 0.0006	-0.3168 2.5595	3.7442 0.8520	0.0111 0.0227	0.0039 0.0084	0.0043 0.0066	1.7801 1.8666	1.9743 1.4697						
751	4	10 11 12	0.798 0.0044 0.0030	1.02 -0.0002 0.0016	-0.00 0.0029 0.0006	-0.3300 2.7524	3.3164 1.0304	0.0240 0.0348	0.0086 0.0128	0.0087 0.0110	1.7991 1.8463	1.8251 1.5869						
751	5	10 11 12	0.797 0.0036 0.0057	2.05 -0.0007 0.0024	-0.00 0.0024 0.0012	-0.9949 2.1109	3.2743 1.1093	0.0496 0.0583	0.0178 0.0215	0.0171 0.0189	1.7986 1.8424	1.7314 1.6262						
751	6	10 11	0.799 0.0022	-3.10 -0.0012	-0.00 0.0020	-2.8737	4.5933	0.0800	0.0284	0.0268	1.7764	1.6757						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
			0.0025	0.0013	0.0003	2.6880	0.7416	0.0864	0.0313	0.0289	1.8150	1.6763								
751	7	10	0.797	4.14	-0.00															
		11	0.0031	-0.0010	0.0021	-1.6873	3.4305	0.1121	0.0391	0.0381	1.7436	1.6990								
		12	0.0031	0.0015	0.0008	-2.4890	1.4009	0.1161	0.0410	0.0391	1.7680	1.6843								
751	8	10	0.798	-0.007	-0.00															
		11	0.0048	-0.0001	0.0033	-0.1806	3.3864	-0.0029	-0.0010	-0.0003	1.8007	0.6705								
		12	0.0043	0.0021	0.0008	-2.4277	1.0215	0.0090	0.0035	0.0020	1.9551	1.1131								
752	1	10	0.798	-3.10	-0.00															
		11	0.0074	0.0003	0.0039	0.2377	2.6227	-0.0723	-0.0261	-0.0242	1.8093	1.6729								
		12	0.0090	0.0037	0.0029	2.0730	1.6118	-0.0622	-0.0223	-0.0220	1.7940	1.7600								
752	2	10	0.797	-0.06	-0.00															
		11	0.0015	-0.0011	0.0025	-3.6874	8.2468	0.0025	0.0007	0.0015	1.3752	2.9800								
		12	0.0054	0.0024	0.0012	-2.2260	1.1685	0.0100	0.0038	0.0025	1.8963	1.2438								
752	3	10	0.798	0.49	-0.00															
		11	0.0026	-0.0008	0.0025	-1.5585	4.8012	0.0133	0.0047	0.0054	1.7952	2.0316								
		12	0.0058	0.0025	0.0013	-2.1390	1.1855	0.0205	0.0077	0.0062	1.8783	1.5262								
752	4	10	0.798	1.02	-0.00															
		11	0.0005	-0.0013	0.0020	-14.7381	19.0444	0.0267	0.0095	0.0094	1.7922	1.7606								
		12	0.0048	0.0022	0.0008	-2.3004	0.9224	0.0341	0.0126	0.0106	1.8503	1.5603								
752	5	10	0.798	2.05	-0.00															
		11	-0.0023	-0.0026	0.0008	5.6233	-1.9104	0.0521	0.0187	0.0180	1.7953	1.7204								
		12	0.0032	0.0015	0.0003	2.4774	0.5930	0.0590	0.0216	0.0190	1.8309	1.6115								
752	6	10	0.799	3.10	-0.00															
		11	-0.0013	-0.0025	0.0008	9.7128	-3.4084	0.0795	0.0283	0.0271	1.7833	1.7064								
		12	0.0034	0.0015	0.0006	2.2725	0.9114	0.0853	0.0309	0.0281	1.8114	1.6508								
752	7	10	0.798	4.16	-0.00															
		11	0.0004	-0.0021	0.0012	-22.1572	13.0929	0.1126	0.0393	0.0383	1.7471	1.7023								
		12	0.0030	0.0014	0.0005	-2.4488	0.8394	0.1156	0.0409	0.0388	1.7680	1.6788								
752	8	10	0.799	-0.04	-0.00															
		11	0.0026	-0.0008	0.0029	-1.5317	5.5055	0.0015	0.0004	0.0010	1.3394	3.4007								
		12	0.0066	0.0028	0.0013	-2.1143	1.0403	0.0098	0.0037	0.0023	1.8765	1.2016								
753	1	10	0.799	-3.11	-0.00															

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
753	2	10	0.0079	0.0039	0.0041	0.2932	2.6275	-0.0778	-0.0281	-0.0260	1.8096	1.6741						
		11	0.0090	0.0039	0.0029	2.1772	1.6004	-0.0612	-0.0219	-0.0217	1.7922	1.7714						
		12	0.0069	0.0031	0.0015	-0.3051	3.3809	-0.0018	-0.0007	0.0001	2.0236	-0.3514						
753	3	10	0.799	-0.002	0.0031	2.2745	1.0968	0.0129	0.0048	0.0031	1.8753	1.2105						
		11	0.0046	-0.0002	0.0031	-0.0015	0.0015	0.0016	0.0016	0.0016	1.7466	2.1690						
		12	0.0069	0.0031	0.0015	2.2745	1.0968	0.0129	0.0048	0.0031	1.8774	1.5164						
753	4	10	0.798	0.50	0.00	-1.0545	4.1063	0.0100	0.0035	0.0043	1.7466	2.1690						
		11	0.0033	-0.0007	0.0027	-2.3211	1.3502	0.0235	0.0088	0.0071	1.8774	1.5164						
		12	0.0060	0.0028	0.0016	2.3211	1.3502	0.0235	0.0088	0.0071	1.8774	1.5164						
753	5	10	0.800	1.02	0.00	-2.3919	5.2938	0.0227	0.0060	0.0066	1.7755	1.8900						
		11	0.0023	-0.0011	0.0025	2.2498	1.0166	0.0357	0.0133	0.0112	1.8597	1.5709						
		12	0.0055	0.0025	0.0011	-2.3919	5.2938	0.0227	0.0060	0.0066	1.7755	1.8900						
753	6	10	0.798	2.06	0.00	34.5499	-23.0065	0.0506	0.0181	0.0173	1.7946	1.7135						
		11	0.0003	-0.0020	0.0013	2.1695	1.1230	0.0614	0.0225	0.0199	1.8349	1.6203						
		12	0.0050	0.0022	0.0011	-2.1695	1.1230	0.0614	0.0225	0.0199	1.8349	1.6203						
753	7	10	0.799	3.09	0.00	11.0108	-1.5593	0.0795	0.0282	0.0271	1.7739	1.7040						
		11	0.0012	-0.0026	0.0003	2.1707	1.2503	0.0874	0.0316	0.0291	1.8123	1.6665						
		12	0.0050	0.0021	0.0012	-11.0108	1.5593	0.0795	0.0282	0.0271	1.7739	1.7040						
753	8	10	0.799	4.15	0.00	28.4614	-8.4614	0.1056	0.0370	0.0364	1.7540	1.7228						
		11	0.0004	-0.0025	0.0007	2.0818	1.1448	0.1150	0.0408	0.0386	1.7771	1.6816						
		12	0.0055	0.0023	0.0012	-28.4614	8.4614	0.1056	0.0370	0.0364	1.7540	1.7228						
753	9	10	0.800	-0.04	0.00	-1.8160	4.6524	-0.0028	-0.0013	-0.0005	2.4063	0.9087						
		11	0.0028	-0.0010	0.0026	2.2365	1.3528	0.0106	0.0041	0.0025	1.9518	1.1819						
		12	0.0065	0.0029	0.0017	-1.8160	4.6524	-0.0028	-0.0013	-0.0005	2.4063	0.9087						
754	1	10	0.800	3.10	0.00	0.1109	2.8997	-0.0762	-0.0278	-0.0255	1.8236	1.6757						
		11	0.0065	0.0001	0.0038	1.9848	1.6566	-0.0645	-0.0229	-0.0225	1.7810	1.7478						
		12	0.0149	0.0059	0.0049	-0.1109	2.8997	-0.0762	-0.0278	-0.0255	1.8236	1.6757						
754	2	10	0.799	-0.05	0.00	9.0264	-8.3190	0.0001	-0.0002	0.0005	-5.8334	13.3470						
		11	0.0011	-0.0020	0.0019	2.0885	1.2303	0.0092	0.0036	0.0021	1.9753	1.1610						
		12	0.0093	0.0038	0.0022	-9.0264	8.3190	0.0001	-0.0002	0.0005	-5.8334	13.3470						
754	3	10	0.800	0.49	0.00	4.6729	-1.6274	0.0124	0.0040	0.0049	1.6283	1.9752						
		11	0.0031	-0.0029	0.0010	2.0511	1.2068	0.0204	0.0078	0.0061	1.9152	1.5031						
		12	0.0089	0.0036	0.0021	-4.6729	1.6274	0.0124	0.0040	0.0049	1.6283	1.9752						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
754	4	10	0.799	1.02	-0.000	3.8683	-0.9470	0.0260	0.0091	0.0094	1.7591	1.8085								
			-0.0040	-0.0031	0.0007	1.9894	1.2063	0.0334	0.0125	0.0105	1.8769	1.5762								
			0.0084	0.0033	0.0020															
754	5	10	0.799	2.06	-0.000	3.1474	0.4411	0.0532	0.0187	0.0182	1.7651	1.7127								
			-0.0071	-0.0044	-0.0006	2.0647	1.2001	0.0585	0.0216	0.0192	1.6458	1.6432								
			0.0063	0.0026	0.0015															
754	6	10	0.800	3.10	-0.000	3.0310	1.0988	0.0818	0.0289	0.0278	1.7709	1.7040								
			-0.0086	-0.0052	-0.0019	2.0492	0.9427	0.0855	0.0310	0.0285	1.8114	1.6658								
			0.0053	0.0022	0.0010															
754	7	10	0.800	4.13	-0.000	3.9596	0.7849	0.1045	0.0364	0.0361	1.7439	1.7292								
			-0.0056	-0.0044	-0.0008	2.0076	1.1633	0.1122	0.0397	0.0379	1.7726	1.6905								
			0.0060	0.0024	0.0013															
754	8	10	0.800	-0.03	-0.000	10.5204	-9.2105	0.0003	-0.0001	0.0007	-1.6957	10.8530								
			-0.0010	-0.0021	0.0019	2.0179	1.2231	0.0089	0.0036	0.0021	2.0407	1.1985								
			0.0103	0.0041	0.0025															
755	1	10	0.800	-3.10	-0.000	-0.2346	2.9973	-0.0797	-0.0290	-0.0267	1.8246	1.6795								
			-0.0061	-0.0002	0.0036	2.0090	1.6608	-0.0585	-0.0207	-0.0206	1.7754	1.7631								
			0.0152	0.0061	0.0050															
755	2	10	0.800	-0.04	-0.000	8.6386	-7.3718	-0.0045	-0.0018	-0.0009	2.0626	0.9897								
			-0.0013	-0.0023	0.0020	2.2299	1.2380	0.0141	0.0055	0.0036	1.9741	1.2851								
			0.0087	0.0038	0.0021															
755	3	10	0.800	0.49	-0.000	4.1604	-1.6977	0.0066	0.0021	0.0034	1.6175	2.5962								
			-0.0037	-0.0031	0.0012	2.2223	1.1740	0.0260	0.0100	0.0077	1.9192	1.4929								
			0.0075	0.0033	0.0017															
755	4	10	0.800	1.02	-0.000	3.7470	-0.4073	0.0187	0.0063	0.0073	1.6869	1.9589								
			-0.0047	-0.0031	0.0003	2.2765	1.2834	0.0375	0.0141	0.0116	1.8883	1.5511								
			0.0069	0.0031	0.0017															
755	5	10	0.800	2.05	-0.000	3.0289	0.9158	0.0468	0.0162	0.0159	1.7287	1.7036								
			-0.0082	-0.0050	-0.0015	2.2989	0.7891	0.0627	0.0233	0.0205	1.8580	1.6395								
			0.0048	0.0022	0.0007															
755	6	10	0.800	3.10	-0.000	3.0314	1.1261	0.0762	0.0266	0.0259	1.7479	1.7006								
			-0.0089	-0.0054	-0.0020	2.0906	1.1675	0.0903	0.0328	0.0298	1.8179	1.6536								
			0.0065	0.0027	0.0015															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
755	7	10	0.799	4.14	-0.0010																		
		11	-0.0053	-0.0044	-0.0015	4.1741	0.9465	0.1053	0.0367	0.0364	1.7455	1.7282											
		12	0.0054	0.0024	0.0015	2.2284	1.4076	0.1189	0.0419	0.0403	1.7624	1.6955											
755	8	10	0.801	-0.01	-0.00	14.7406	-11.7290	-0.0034	-0.0015	-0.0005	2.2626	0.7422											
		11	-0.0008	-0.0024	0.0019	2.1906	1.2911	0.0145	0.0056	0.0038	1.9469	1.3317											
		12	0.0093	0.0040	0.0024																		
756	1	10	0.799	-3.10	-0.00																		
		11	0.0040	-0.0008	0.0026	-1.0269	3.2632	-0.0751	-0.0275	-0.0251	1.8322	1.6702											
		12	0.0279	0.0110	0.0092	1.9737	1.6586	-0.0618	-0.0219	-0.0217	1.7716	1.7600											
756	2	10	0.798	-0.04	-0.00																		
		11	-0.0107	-0.0059	-0.0008	2.7762	0.4065	0.0028	0.0004	0.0011	0.8735	2.0447											
		12	0.0177	0.0069	0.0047	1.9445	1.3251	0.0100	0.0041	0.0025	2.0663	1.2495											
756	3	10	0.800	0.49	-0.00																		
		11	-0.0137	-0.0071	-0.0018	2.5802	0.6817	0.0163	0.0051	0.0056	1.5858	1.7377											
		12	0.0146	0.0057	0.0039	1.9577	1.3412	0.0223	0.0086	0.0067	1.9338	1.5128											
756	4	10	0.798	1.00	-0.00																		
		11	-0.0165	-0.0081	-0.0030	2.4449	0.9123	0.0246	0.0081	0.0085	1.6456	1.7306											
		12	0.0135	0.0052	0.0035	1.9303	1.3142	0.0318	0.0122	0.0101	1.9277	1.5989											
756	5	10	0.799	2.05	0.00																		
		11	-0.0228	-0.0104	-0.0059	2.3010	1.3024	0.0500	0.0172	0.0168	1.7232	1.6861											
		12	0.0095	0.0038	0.0026	2.0252	1.3963	0.0578	0.0215	0.0188	1.8647	1.6263											
756	6	10	0.800	3.10	0.00																		
		11	-0.0280	-0.0124	-0.0087	2.2218	1.5564	0.0761	0.0268	0.0260	1.7607	1.7077											
		12	0.0079	0.0032	0.0022	2.0418	1.4406	0.0857	0.0311	0.0283	1.8164	1.6514											
756	7	10	0.800	4.16	0.00																		
		11	-0.0217	-0.0104	-0.0069	2.3918	1.5978	0.1061	0.0367	0.0367	1.7330	1.7298											
		12	0.0066	0.0028	0.0016	2.1159	1.2331	0.1176	0.0412	0.0396	1.7513	1.6834											
756	8	10	0.799	-0.05	-0.00																		
		11	-0.0116	-0.0061	-0.0009	2.6448	0.4274	0.0059	0.0013	0.0019	2.1097	1.6282											
		12	0.0183	0.0070	0.0050	1.9344	1.3846	0.0091	0.0039	0.0023	2.1629	1.5065											
757	1	10	0.799	-3.11	-0.00																		
		11	0.0037	-0.0013	0.0027	-1.8240	3.7025	-0.0881	-0.0322	-0.0296	1.8297	1.6821											
		12	0.0285	0.0115	0.0093	-2.0269	1.6467	-0.0479	-0.0166	-0.0173	1.7363	1.6129											

See Key

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd

See Key

757	2	10	0.0000	-0.0059	-0.0004	3.1134	0.2582	-0.0133	-0.0056	-0.0036	2.1137	1.3514
		11	-0.0095	0.0072	0.0046	2.1502	1.3976	0.0228	0.0090	0.0061	1.9920	1.5451
		12	0.0167	0.0072	0.0046							
757	3	10	0.0000	0.0072	-0.0034	2.7577	0.6704	-0.0042	-0.0022	0.0002	2.5867	-0.2979
		11	-0.0130	0.0057	0.0034	2.2253	1.3213	0.0336	0.0150	0.0100	1.9394	1.4859
		12	0.0129	0.0057	0.0034							
757	4	10	0.0000	1.0200	-0.0000	2.5857	0.9131	0.0070	0.0017	0.0045	1.2112	3.1843
		11	-0.0158	0.0049	-0.0028	2.3031	1.4224	0.0458	0.0174	0.0142	1.9048	1.5564
		12	0.0106	0.0049	0.0030							
757	5	10	0.7999	2.1020	-0.0000	2.4137	1.2766	0.0306	0.0100	0.0111	1.6386	1.0279
		11	-0.0212	0.0041	0.0025	2.4337	1.4698	0.0685	0.0256	0.0222	1.8701	1.6254
		12	0.0086	0.0041	0.0025							
757	6	10	0.7999	3.0900	0.0000	2.2880	1.5680	0.0628	0.0213	0.0215	1.6960	1.7146
		11	-0.0258	0.0038	-0.0081	2.3092	1.3576	0.0968	0.0351	0.0321	1.8178	1.6394
		12	0.0084	0.0038	0.0022							
757	7	10	0.0000	4.1400	-0.0000	2.4841	1.5638	0.0962	0.0332	0.0329	1.7289	1.7095
		11	-0.0222	0.0035	-0.0020	2.3475	1.3339	0.1291	0.0450	0.0459	1.7458	1.7005
		12	0.0075	0.0035	0.0020							
757	8	10	0.0000	-0.0001	-0.0000	3.1114	0.3776	-0.0123	-0.0052	-0.0034	2.1127	1.4068
		11	-0.0098	0.0064	0.0042	2.2057	1.4660	0.0229	0.0091	0.0061	1.9999	1.5348
		12	0.0146	0.0064	0.0042							
758	3	10	0.6000	-3.1200	-0.0000	0.7475	2.1590	-0.0645	-0.0228	-0.0215	1.7733	1.6714
		11	0.0097	0.0008	0.0004	11.0656	5.6425	-0.0528	-0.0185	-0.0187	1.7518	1.7767
		12	0.0003	0.0008	0.0004							
758	4	10	0.6010	-1.0700	-0.0000	-0.2308	3.3319	-0.0101	-0.0036	-0.0037	1.6040	1.0199
		11	-0.0044	0.0003	-0.0008	-0.6493	1.7101	-0.0012	-0.0000	-0.0024	0.1286	9.7504
		12	0.0024	0.0003	-0.0008							
758	5	10	0.6010	-0.0600	-0.0000	0.5096	2.4091	0.0070	0.0025	0.0024	1.7990	1.7309
		11	0.0072	0.0006	-0.0002	4.4121	-2.0491	0.0183	0.0070	0.0047	1.9225	1.2792
		12	0.0006	0.0006	-0.0002							
758	6	10	0.6000	0.0049	-0.0029	0.1491	2.9393	0.0234	0.0084	0.0079	1.7954	1.7045
		11	0.0050	0.0001	0.0029							
		12	0.0000	0.0001	0.0029							

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
758	7	10	12	0.0004	0.0004	-0.0004	4.8990	-4.2127	0.0298	0.0112	0.0088	1.8915	1.4891							
		11	11	0.600	0.97	-0.90														
		12	12	0.0060	0.0003	0.0032	0.3196	2.6682	0.0297	0.0105	0.0105	1.7726	1.7661							
				0.0043	0.0018	0.0011	2.1400	1.2956	0.0371	0.0138	0.0116	1.8605	1.5628							
758	8	10	10	0.600	3.09	-0.00														
		11	11	0.0027	-0.0008	0.0022	-1.4452	4.0210	0.0840	0.0297	0.0285	1.7705	1.7016							
		12	12	-0.0014	-0.0000	-0.0008	0.3052	2.9610	0.0887	0.0321	0.0296	1.8108	1.6694							
758	9	10	10	0.600	6.19	-0.00														
		11	11	0.0018	-0.0011	0.0021	-3.0820	5.5915	0.1686	0.0556	0.0591	1.6490	1.7544							
		12	12	-0.0021	-0.0003	-0.0011	0.7417	2.6536	0.1744	0.0580	0.0610	1.6632	1.7494							
758	10	10	10	0.600	9.27	-0.00														
		11	11	0.0031	-0.0008	0.0025	-1.2879	4.0553	0.2714	0.0762	0.0974	1.4044	1.7951							
		12	12	-0.0018	-0.0001	-0.0013	0.4943	3.7012	0.2739	0.0770	0.0986	1.4062	1.8010							
758	11	10	10	0.600	12.44	-0.00														
		11	11	0.0004	-0.0016	0.0025	-16.8205	26.4491	0.3973	0.0811	0.1438	1.0213	1.8102							
		12	12	-0.0037	-0.0007	-0.0020	0.9942	2.7759	0.3970	0.0808	0.1447	1.0180	1.8224							
758	12	10	10	0.601	-0.06	-0.00														
		11	11	0.0060	0.0003	0.0033	0.3228	2.7837	0.0082	0.0031	0.0031	1.8750	1.8666							
		12	12	0.0010	0.0008	-0.0002	3.9026	-1.3007	0.0175	0.0069	0.0048	1.9816	1.5797							
759	1	10	10	0.600	-3.09	-0.00														
		11	11	0.0079	0.0009	0.0039	0.6167	2.4563	-0.0680	-0.0240	-0.0222	1.7662	1.6378							
		12	12	0.0007	0.0010	0.0004	6.9408	2.7443	-0.0572	-0.0199	-0.0200	1.7474	1.7501							
759	2	10	10	0.600	-1.09	-0.00														
		11	11	0.0083	0.0012	0.0043	0.7347	2.5908	-0.0207	-0.0071	-0.0064	1.7206	1.5530							
		12	12	0.0010	0.0010	0.0004	4.8726	1.9323	-0.0096	-0.0027	-0.0040	1.4548	2.0738							
759	3	10	10	0.600	-0.05	-0.00														
		11	11	0.0045	0.0000	0.0032	0.0479	3.5849	0.0050	0.0019	0.0025	1.9181	2.5148							
		12	12	0.0001	0.0004	-0.0000	16.9466	-0.0210	0.0129	0.0051	0.0034	1.9824	1.5556							
759	4	10	10	0.600	0.49	-0.00														
		11	11	0.0042	-0.0000	0.0029	-0.0961	3.4260	0.0129	0.0048	0.0056	1.8578	2.1910							
		12	12	-0.0005	-0.0002	-0.0005	-2.4371	5.2821	0.0234	0.0089	0.0070	1.9159	1.5056							
759	5	10	10	0.600	0.98	-0.00														

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																
759	6	10	11	12														
					0.0037	-0.0001	0.0030	-0.2543	4.0742	0.0277	0.0101	0.0102	1.8215	1.6044				
					-0.0010	0.0001	-0.0008	-0.7304	4.0930	0.0363	0.0135	0.0116	1.8586	1.6016				
		10	11	12														
					0.600	-0.0017	0.0023	-2.1426	6.4704	0.0839	0.0297	0.0291	1.7709	1.7361				
					0.0013	0.0008	0.0002	3.0415	1.0384	0.0857	0.0311	0.0286	1.8139	1.6704				
759	7	10	11	12														
					0.601	-0.0018	0.00	-0.7878	4.1925	0.1592	0.0529	0.0555	1.6644	1.7461				
					0.0035	0.0007	0.0001	3.0311	0.6014	0.1663	0.0560	0.0579	1.6842	1.7424				
					0.0011	0.0007	0.0001											
759	8	10	11	12														
					0.600	-0.0024	-0.00	-1.5903	5.3704	0.2649	0.0754	0.0952	1.4241	1.7877				
					0.0024	0.0004	0.0026	-4.7568	-6.7068	0.2665	0.0766	0.0937	1.4384	1.7553				
					0.0095	0.0004	-0.0006											
759	9	10	11	12														
					0.599	-0.0010	-0.00	-2.4508	6.3779	0.3964	0.0815	0.1432	1.0284	1.6066				
					0.0020	0.0010	0.0026	0.4792	4.4965	0.3950	0.0813	0.1440	1.0297	1.6223				
					-0.0018	-0.0001	-0.0016											
759	10	10	11	12														
					0.599	-0.0003	-0.00	0.3259	2.8989	0.0070	0.0027	0.0032	1.9571	2.3163				
					0.0060	0.0003	0.0035	3.0340	0.7231	0.0147	0.0058	0.0040	1.9760	1.5637				
					0.0019	0.0011	0.0002											
760	1	10	11	12														
					0.600	-0.0008	-0.00	0.4482	2.7720	-0.0700	-0.0246	-0.0228	1.7530	1.6341				
					0.0070	0.0006	0.0039	-16.5011	-2.7961	-0.0598	-0.0208	-0.0205	1.7500	1.7201				
					-0.0002	0.0008	0.0001											
760	2	10	11	12														
					0.600	-0.0003	-0.00	0.3259	2.8989	-0.0196	-0.0066	-0.0057	1.6963	1.4535				
					0.0060	0.0003	0.0035	-1.0600	1.1667	-0.0100	-0.0030	-0.0041	1.4955	2.0639				
					-0.0011	0.0002	-0.0002											
760	3	10	11	12														
					0.600	-0.0003	-0.00	0.0435	3.4307	0.0028	0.0013	0.0024	2.4272	4.2416				
					0.0044	0.0003	0.0030	-5.6457	8.3907	0.0112	0.0046	0.0031	2.0829	1.4150				
					-0.0003	0.0003	-0.0005											
760	4	10	11	12														
					0.600	-0.0004	-0.00	0.1569	3.2170	0.0116	0.0045	0.0052	1.9744	2.2560				
					0.0050	0.0001	0.0032	14.7936	-8.5228	0.0207	0.0080	0.0062	1.9540	1.5063				
					0.0001	0.0004	-0.0002											
760	5	10	11	12														
					0.599	-0.0007	-0.00	0.1609	3.3556	0.0217	0.0082	0.0084	1.6039	1.9352				
					0.0050	0.0001	0.0033	4.1654	-0.0012	0.0319	0.0119	0.0101	1.6743	1.5098				
					0.0008	0.0007	-0.0000											

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																									
760	6	10	0.600	3.11	-0.000	-1.4468	4.7704	0.0778	0.0277	0.0273	1.7812	1.7573															
		11	0.0023	-0.0006	0.0022	-2.4371	5.2621	0.0821	0.0298	0.0274	1.8150	1.6726															
		12	-0.0005	0.0002	-0.0005																						
760	7	10	0.600	6.19	-0.000	-1.8384	5.5225	0.1642	0.0544	0.0578	1.6574	1.7604															
		11	0.0021	-0.0007	0.0023	-1.9450	1.4204	0.1625	0.0550	0.0565	1.6921	1.7391															
		12	0.0044	0.0017	0.0012																						
760	8	10	0.599	9.29	-0.000	-8.1378	11.4992	0.2662	0.0757	0.0955	1.4218	1.7948															
		11	0.0008	-0.0013	0.0019	0.8812	3.1328	0.2715	0.0770	0.0978	1.4189	1.8008															
		12	-0.0035	-0.0006	-0.0022																						
760	9	10	0.599	12.44	-0.000	0.1924	4.5737	0.3909	0.0821	0.1414	1.0502	1.8062															
		11	0.0000	-0.0017	0.0018																						
		12	-0.0016	-0.0000	-0.0015																						
760	10	10	0.599	-0.003	-0.000	-0.0918	4.3966	0.0012	0.0008	0.0017	3.1740	6.6886															
		11	0.0036	-0.0000	0.0032	-18.0499	20.4085	0.0112	0.0047	0.0031	2.0829	1.4156															
		12	-0.0001	0.0004	-0.0005																						
761	1	10	0.600	-3.07	-0.000	0.1401	3.1007	-0.0684	-0.0240	-0.0224	1.7578	1.6408															
		11	0.0056	0.0001	0.0035	-4.7459	-0.0048	-0.0607	-0.0211	-0.0211	1.7408	1.7413															
		12	-0.0006	0.0006	0.0000																						
761	2	10	0.599	-1.05	-0.000	0.4100	2.8076	-0.0205	-0.0067	-0.0054	1.6530	1.3260															
		11	0.0062	0.0005	0.0035	-1.7765	-0.0014	-0.0124	-0.0036	-0.0047	1.4790	1.8872															
		12	-0.0010	0.0003	0.0000																						
761	3	10	0.599	-0.04	-0.000	0.7097	2.8896	-0.0050	-0.0014	-0.0004	1.4698	0.4258															
		11	0.0070	0.0010	0.0040	56.4782	9.4027	0.0046	0.0024	0.0013	2.6131	1.4963															
		12	0.0000	0.0008	0.0001																						
761	4	10	0.600	0.49	-0.000	0.6000	2.9947	0.0078	0.0032	0.0042	2.0712	2.7409															
		11	0.0063	0.0007	0.0037	8.8430	-0.0084	0.0177	0.0070	0.0056	1.9929	1.6036															
		12	0.0003	0.0005	-0.0000																						
761	5	10	0.599	0.99	-0.000	-0.4748	4.5023	0.0200	0.0073	0.0081	1.8371	2.0257															
		11	0.0032	-0.0003	0.0029	4.1005	-1.5914	0.0271	0.0102	0.0087	1.8872	2.0257															
		12	0.0008	0.0007	-0.0002																						
761	6	10	0.599	3.11	-0.000	13.5319	-12.1533	0.0790	0.0280	0.0275	1.7724	1.6708															
		11	0.0006	-0.0017	0.0015	1.3200	-1.7818	0.0828	0.0300	0.0276	1.8116	1.6708															
		12	-0.0051	-0.0013	-0.0018																						

← See Key →

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
761	7	10	0.598	6.20	-0.0022	-4.5230	9.9102	0.1642	0.0545	0.0579	1.6624	1.7649									
		11	0.0011	-0.0010	0.0022	0.7310	3.3535	0.1702	0.0569	0.0595	1.6722	1.7505									
		12	-0.0020	-0.0003	-0.0014																
761	8	10	0.600	9.30	-0.0023	-3.6471	7.5888	0.2688	0.0761	0.0968	1.4154	1.8005									
		11	0.0015	-0.0011	0.0023	268.8907		0.2681	0.0768	0.0963	1.4335	1.7975									
		12	-0.0000	0.0003	-0.0005																
761	9	10	0.600	12.43	-0.0023	-29.0185	50.6302	0.3904	0.0810	0.1411	1.0379	1.8076									
		11	0.0002	-0.0013	0.0013	0.4943	3.7012	0.3861	0.0810	0.1409	1.0494	1.8251									
		12	-0.0018	-0.0001	-0.0013																
761	10	10	0.602	-0.03	-0.000	0.0568	3.8925	-0.0015	-0.0001	0.0009	0.3539	-3.2651									
		11	0.0044	0.0000	0.0034	-1.1716	3.6427	0.0089	0.0038	0.0024	2.1672	1.3873									
		12	-0.0011	0.0002	-0.0008																
762	1	10	0.601	-3.07	-0.0040	0.6489	2.3893	-0.0767	-0.0270	-0.0252	1.7594	1.6466									
		11	0.0084	0.0011	0.0008	-15.6703	-5.3184	-0.0672	-0.0233	-0.0228	1.7360	1.7029									
		12	-0.0002	0.0008	0.0002																
762	2	10	0.601	-1.08	-0.0037	0.5231	3.0908	-0.0278	-0.0095	-0.0080	1.7087	1.4339									
		11	0.0061	0.0006	0.0000	-1.7765	-0.0014	-0.0183	-0.0057	-0.0062	1.5577	1.6896									
		12	-0.0010	0.0003	0.0000																
762	3	10	0.602	-0.02	-0.0033	0.2678	3.2290	-0.0101	-0.0032	-0.0018	1.5821	0.9165									
		11	0.0051	0.0002	0.0002	8.1580	2.4079	-0.0017	0.0002	-0.0004	-0.7518	1.1478									
		12	0.0005	0.0009	0.0002																
762	4	10	0.601	0.51	-0.0033	0.1754	3.5825	0.0051	0.0024	0.0038	2.3434	3.7154									
		11	0.0046	0.0001	0.0005	-1.5255	3.2816	0.0138	0.0056	0.0047	2.0548	1.6999									
		12	-0.0008	0.0002	-0.0005																
762	5	10	0.601	0.99	-0.0030	0.0510	3.6915	0.0185	0.0068	0.0081	1.8530	2.1800									
		11	0.0041	0.0000	0.0003	-4.7459	-0.0048	0.0249	0.0095	0.0083	1.9085	1.6634									
		12	-0.0003	0.0003	0.0000																
762	6	10	0.601	3.14	-0.0029	0.1369	2.7634	0.0711	0.0254	0.0252	1.7899	1.7770									
		11	0.0053	0.0001	0.0008	-0.7304	4.0930	0.0788	0.0286	0.0262	1.8195	1.6648									
		12	-0.0010	0.0001	-0.0008																
762	7	10	0.600	6.20	-0.0018	-8.1984	10.7205	0.1589	0.0531	0.0558	1.6730	1.7555									
		11	0.0008	-0.0013	0.0011	-0.1650	4.6700	0.1655	0.0558	0.0576	1.6877	1.7403									
		12	-0.0011	0.0000	-0.0011																

← See Key →

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
762	8	10	0.601	9.30	-0.0018	-5.9988	7.8161	0.2660	0.0758	0.0060	1.4254	1.8045						
		11	0.0011	-0.0013	0.0018	5.9600	-8.9272	0.2682	0.0770	0.0963	1.4358	1.7949						
		12	0.0003	0.0003	-0.0005													
762	9	10	0.601	12.43	-0.0018	11.1407	-11.1335	0.3853	0.0815	0.1397	1.0574	1.8137						
		11	-0.0008	-0.0018	0.0018	0.9189	3.7161	0.3860	0.0809	0.1406	1.0486	1.8212						
		12	-0.0022	-0.0004	-0.0016													
762	10	10	0.601	-0.00	-0.00	0.5172	2.8635	-0.0062	-0.0018	-0.0004	1.4571	0.3436						
		11	0.0061	0.0006	0.0035	4.8726	1.9323	-0.0009	0.0006	0.0001	-3.2327	-0.7533						
		12	0.0010	0.0010	0.0004													
763	1	10	0.601	-3.05	-0.00	0.5431	2.8206	-0.0772	-0.0271	-0.0251	1.7549	1.6263						
		11	0.0069	0.0007	0.0039	-7.7138	-3.0514	-0.0685	-0.0238	-0.0234	1.7358	1.7091						
		12	-0.0004	0.0007	0.0002													
763	2	10	0.601	-1.05	-0.00	0.5261	3.2042	-0.0329	-0.0112	-0.0095	1.7067	1.4513						
		11	0.0061	0.0006	0.0039	-31.5141	-0.0358	-0.0220	-0.0069	-0.0075	1.5818	1.7245						
		12	-0.0001	0.0007	0.0000													
763	3	10	0.601	0.01	-0.00	0.0993	3.6996	-0.0118	-0.0036	-0.0015	1.5417	0.6624						
		11	0.0039	-0.0000	0.0029	-0.1764	1.4593	-0.0042	-0.0006	-0.0008	0.7579	0.9630						
		12	-0.0023	-0.0000	-0.0006													
763	4	10	0.601	0.50	-0.00	0.1629	3.1389	-0.0094	-0.0027	0.0001	1.4532	-0.0719						
		11	0.0046	0.0001	0.0029	0.5656	1.7706	0.0024	0.0016	0.0023	3.4771	4.8187						
		12	-0.0027	-0.0003	-0.0009													
763	5	10	0.601	1.32	-0.00	0.7691	5.3389	0.0052	0.0025	0.0049	2.3868	4.6949						
		11	0.0027	-0.0004	0.0029	-0.6764	2.6681	0.0106	0.0045	0.0048	2.1307	2.2809						
		12	-0.0010	0.0001	-0.0005													
763	6	10	0.600	3.15	-0.00	0.6502	3.9342	0.0661	0.0235	0.0235	1.7807	1.7859						
		11	0.0033	-0.0004	0.0026	-0.7031	3.3726	0.0705	0.0257	0.0235	1.8235	1.6703						
		12	-0.0010	0.0001	-0.0006													
763	7	10	0.601	6.22	-0.00	0.4381	4.1045	0.1566	0.0525	0.0553	1.6786	1.7660						
		11	0.0035	-0.0003	0.0029	-0.4381	2.9253	0.1609	0.0545	0.0560	1.6927	1.7411						
		12	-0.0019	-0.0001	-0.0011	0.5090												
763	8	10	0.600	9.31	-0.00	0.7351	5.8484	0.2620	0.0756	0.0939	1.4433	1.7933						
		11	0.0015	-0.0011	0.0018	-3.7351												
		12	0.0015	-0.0011	0.0018													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
763	9	12	-0.0034	-0.0005	-0.0016	0.7705	2.4526	0.2641	0.0762	0.0951	1.4428	1.0006								
		10	0.600	12.44	-0.00															
		11	-0.0004	-0.0016	0.0015	18.1067	-17.4368	0.3949	0.0816	0.1428	1.0339	1.0088								
		12	-0.0033	-0.0008	-0.0016	1.3155	2.4946	0.3917	0.0817	0.1429	1.0434	1.0240								
763	10	10	0.602	0.00	-0.00	0.3704	3.2401	-0.0141	-0.0044	-0.0027	1.5786	0.9597								
		11	0.0053	0.0003	0.0034	-0.8611	1.3897	-0.0070	-0.0015	-0.0016	1.1011	1.1716								
		12	-0.0015	0.0002	-0.0004															
764	1	10	0.602	-3.01	-0.00															
		11	0.0057	0.0004	0.0037	0.3535	3.3027	-0.0753	-0.0263	-0.0242	1.7501	1.6076								
		12	-0.0011	0.0004	0.0002	-2.0257	-1.1940	-0.0673	-0.0233	-0.0229	1.7296	1.7054								
764	2	10	0.602	-0.98	-0.00															
		11	0.0068	0.0008	0.0039	0.6413	2.8709	-0.0342	-0.0116	-0.0102	1.7046	1.4968								
		12	-0.0001	0.0007	0.0001	-28.3224	-5.6031	-0.0256	-0.0081	-0.0085	1.5994	1.6664								
764	3	10	0.601	-0.00	-0.00															
		11	0.0036	-0.0000	0.0030	-0.0974	4.2086	-0.0150	-0.0048	-0.0030	1.6003	0.9978								
		12	-0.0010	0.0003	0.0000	-1.7765	-0.0014	-0.0106	-0.0027	-0.0028	1.3065	1.3535								
764	4	10	0.601	0.52	-0.00															
		11	0.0048	0.0002	0.0033	0.2886	3.4388	-0.0124	-0.0037	-0.0010	1.5210	0.4044								
		12	-0.0020	-0.0000	-0.0006	0.2086	1.6862	-0.0050	-0.0008	-0.0002	0.8914	0.2664								
764	5	10	0.601	1.05	-0.00															
		11	0.0045	0.0002	0.0033	0.3124	3.6774	-0.0033	-0.0005	0.0031	0.8610	-4.6328								
		12	0.0014	0.0010	-0.0000	3.6972	-0.0005	-0.0009	0.0006	0.0026	-3.5651	-14.3954								
764	6	10	0.601	3.17	-0.00															
		11	0.0041	0.0000	0.0030	0.0510	3.6915	0.0661	0.0237	0.0237	1.7970	1.7949								
		12	-0.0022	-0.0002	-0.0008	0.4443	1.8583	0.0699	0.0254	0.0235	1.8169	1.6796								
764	7	10	0.602	6.23	-0.00															
		11	0.0053	0.0005	0.0034	0.4625	3.1265	0.1645	0.0548	0.0583	1.6672	1.7742								
		12	-0.0012	0.0000	-0.0006	-0.1121	2.8365	0.1631	0.0551	0.0569	1.6916	1.7457								
764	8	10	0.602	9.30	-0.00															
		11	0.0011	-0.0013	0.0020	-5.9249	8.9694	0.2604	0.0753	0.0935	1.4458	1.7962								
		12	-0.0063	-0.0015	-0.0025	1.2160	1.9655	0.2679	0.0766	0.0966	1.4300	1.8038								
764	9	10	0.601	12.45	-0.00															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
764	10	11	0.0016	-0.0012	0.0023	-3.7669	5.6472	0.3880	0.0811	0.1409	1.0453	1.8165						
	12	12	-0.0038	-0.0006	-0.0023	0.8030	3.0619	0.3903	0.0816	0.1420	1.0453	1.8192						
765	10	11	0.601	0.005	0.0023	-1.0951	4.6734	-0.0180	-0.0058	-0.0037	1.6216	1.0303						
	12	12	-0.0018	0.0000	-0.0006	-0.0840	1.8619	-0.0108	-0.0029	-0.0031	1.3359	1.4592						
765	1	10	0.602	-3.01	-0.00	0.6513	2.8312	-0.0827	-0.0289	-0.0266	1.7501	1.6076						
	12	12	0.0076	0.0009	0.0043	-1.6223	-0.4728	-0.0737	-0.0256	-0.0248	1.7391	1.6862						
765	2	10	0.601	-1.02	-0.00	0.6000	2.9947	-0.0351	-0.0120	-0.0106	1.7109	1.5201						
	12	12	0.0063	0.0007	0.0037	-4.6456	-0.9135	-0.0295	-0.0094	-0.0096	1.5947	1.6293						
765	3	10	0.601	0.00	-0.00	0.0524	3.7388	-0.0186	-0.0060	-0.0041	1.6230	1.1067						
	12	12	0.0044	0.0000	0.0033	-0.0667	1.2646	-0.0105	-0.0029	-0.0030	1.3781	1.4362						
765	4	10	0.600	0.55	-0.00	-1.0760	5.2117	-0.0118	-0.0036	-0.0011	1.5398	0.4817						
	12	12	0.0025	-0.0005	0.0026	0.1539	2.3688	-0.0055	-0.0010	-0.0005	0.9083	0.4932						
765	5	10	0.601	1.05	-0.00	0.6000	2.9947	-0.0109	-0.0030	0.0002	1.4032	-0.1259						
	12	12	0.0062	0.0007	0.0037	78.5938	-36.3143	-0.0049	-0.0006	0.0006	0.6821	-0.6985						
765	6	10	0.600	3.17	-0.00	-0.0890	4.0470	0.0598	0.0213	0.0220	1.7816	1.8392						
	12	12	0.0039	-0.0000	0.0032	-5.6457	8.3907	0.0636	0.0231	0.0214	1.8186	1.6823						
765	7	10	0.600	6.24	-0.00	-0.2391	3.7591	0.1577	0.0529	0.0558	1.6784	1.7693						
	12	12	0.0040	-0.0001	0.0030	-5.9113	10.8688	0.1592	0.0540	0.0555	1.6983	1.7446						
765	8	10	0.600	9.31	-0.00	-58.0124	59.9607	0.2645	0.0759	0.0952	1.4354	1.8003						
	12	12	0.0001	-0.0016	-0.0025	0.9500	2.4664	0.2665	0.0766	0.0959	1.4377	1.7599						
765	9	10	0.600	12.46	-0.00	13.9188	-12.0175	0.3909	0.0812	0.1417	1.0392	1.8126						
	12	12	0.0007	-0.0019	-0.0022	1.3804	2.1255	0.3920	0.0816	0.1431	1.0408	1.8257						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																					
765	10	10	0.601	0.009	-0.000	0.7097	2.8896	-0.0207	-0.0067	-0.0048	1.6251	1.1671											
	11	11	0.0070	0.0007	0.0040	0.79663	-1.5712	-0.0130	-0.0036	-0.0038	1.4073	1.4699											
	12	12	-0.0004	0.0007	0.0001	-7.9663																	
766	1	10	0.600	-3.00	-0.000	-0.2543	4.0742	-0.0856	-0.0299	-0.0279	1.7469	1.6305											
	11	11	0.0037	-0.0001	0.0030	-1.6977	-1.3374	-0.0792	-0.0273	-0.0271	1.7283	1.7128											
	12	12	-0.0010	0.0003	0.0002																		
766	2	10	0.601	-0.96	-0.000	0.7718	2.8110	-0.0350	-0.0117	-0.0101	1.6795	1.4410											
	11	11	0.0072	0.0011	0.0040	6.9408	2.7443	-0.0295	-0.0094	-0.0097	1.5946	1.6533											
	12	12	0.0007	0.0010	0.0004																		
766	3	10	0.600	0.06	-0.000	-0.2784	4.2476	-0.0187	-0.0060	-0.0038	1.6221	1.0299											
	11	11	0.0034	-0.0001	0.0029	-0.1838	1.1619	-0.0113	-0.0032	-0.0037	1.4197	1.6323											
	12	12	-0.0023	-0.0000	-0.0005																		
766	4	10	0.601	0.55	-0.000	0.6374	3.2690	-0.0127	-0.0040	-0.0017	1.5692	0.6719											
	11	11	0.0059	0.0007	0.0039	-1.7765	-0.0014	-0.0089	-0.0021	-0.0019	1.1849	1.0751											
	12	12	-0.0010	0.0003	0.0000																		
766	5	10	0.600	1.05	-0.000	-0.0974	4.2086	-0.0087	-0.0025	0.0009	1.4356	-0.5624											
	11	11	0.0036	-0.0000	0.0030	0.2429	2.4119	-0.0024	0.0001	0.0013	-0.2160	-2.8501											
	12	12	-0.0017	-0.0000	-0.0008																		
766	6	10	0.600	3.18	-0.000	0.0390	3.2762	0.0541	0.0190	0.0204	1.7566	1.8893											
	11	11	0.0044	0.0008	0.0029	3.0672	2.1142	0.0544	0.0195	0.0190	1.7914	1.7514											
	12	12	0.0013	0.0008	0.0005																		
766	7	10	0.600	6.24	-0.000	-1.2544	4.9771	0.1596	0.0535	0.0564	1.6763	1.7661											
	11	11	0.0026	-0.0003	0.0026	0.6341	2.6014	0.1628	0.0551	0.0566	1.6919	1.7403											
	12	12	-0.0024	-0.0003	-0.0012																		
766	8	10	0.600	9.31	-0.000	5.8830	-2.9521	0.2680	0.0765	0.0963	1.4282	1.7970											
	11	11	0.0016	-0.0019	0.0009	-6.6675	17.9249	0.2634	0.0765	0.0947	1.4528	1.7991											
	12	12	-0.0001	0.0002	-0.0006																		
766	9	10	0.601	12.46	-0.000	3.0162	-0.1568	0.3856	0.0813	0.1401	1.0547	1.8167											
	11	11	0.0048	-0.0029	0.0001	8.7897	-32.2321	0.3828	0.0812	0.1394	1.0608	1.8205											
	12	12	-0.0001	0.0002	-0.0009																		
766	10	10	0.600	0.02	-0.000	0.0510	3.6915	-0.0220	-0.0073	-0.0042	1.6628	1.1968											
	11	11	0.0041	0.0000	0.0030	-0.0667	1.2646	-0.0127	-0.0036	-0.0042	1.4422	1.6729											
	12	12	-0.0022	0.0000	-0.0005																		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																										
767	1	10	0.602	-3.07	0.0021	-0.0051	-0.00	0.9721	2.3061	-0.0580	-0.0198	-0.0191	1.7081	1.6488														
		11	0.0111	0.0021	0.0051	0.0051	1.6365	1.5793	-0.0647	-0.0225	-0.0222	1.7414	1.7151															
		12	-0.0145	-0.0047	-0.0045	-0.0045																						
767	2	10	0.601	-0.05	0.0033	-0.00	1.2487	2.1742	0.0105	0.0044	0.0045	2.1352	2.1563															
		11	0.0134	0.0033	0.0058	0.0058	1.6040	1.2798	0.0026	0.0016	0.0011	3.0404	2.0699															
		12	-0.0081	-0.0026	-0.0020	-0.0020																						
767	3	10	0.601	0.45	0.0039	-0.00	1.3381	2.0301	0.0197	0.0078	0.0076	1.9734	1.9333															
		11	0.0147	0.0039	0.0059	0.0059	1.4146	1.1572	0.0091	0.0041	0.0037	2.2994	2.0395															
		12	-0.0060	-0.0017	-0.0013	-0.0013																						
767	4	10	0.602	0.99	0.0037	-0.00	1.3240	2.1822	0.0303	0.0115	0.0114	1.9030	1.8854															
		11	0.0140	0.0037	0.0061	0.0061	1.4818	1.2110	0.0214	0.0082	0.0075	1.9142	1.7619															
		12	-0.0068	-0.0020	-0.0016	-0.0016																						
767	5	10	0.602	2.04	0.0045	-0.00	1.4479	2.2131	0.0561	0.0206	0.0202	1.8419	1.7997															
		11	0.0157	0.0045	0.0069	0.0069	1.4423	1.2655	0.0478	0.0176	0.0158	1.8466	1.6529															
		12	-0.0054	-0.0015	-0.0013	-0.0013																						
767	6	10	0.600	3.08	0.0051	-0.00	1.4595	2.2464	0.0816	0.0295	0.0288	1.8077	1.7671															
		11	0.0177	0.0051	0.0079	0.0079	1.5229	1.4789	0.0745	0.0270	0.0247	1.8128	1.6609															
		12	-0.0070	-0.0021	-0.0020	-0.0020																						
767	7	10	0.600	4.11	0.0049	-0.00	1.4511	2.2993	0.1117	0.0393	0.0396	1.7593	1.7732															
		11	0.0170	0.0049	0.0078	0.0078	1.4110	1.9019	0.1020	0.0365	0.0345	1.7921	1.6934															
		12	-0.0047	-0.0013	-0.0018	-0.0018																						
767	8	10	0.600	-0.07	0.0033	-0.00	1.2775	2.1209	0.0066	0.0031	0.0031	2.3361	2.3361															
		11	0.0131	0.0033	0.0055	0.0055	1.4342	1.1430	-0.0004	0.0004	-0.0002	-5.2791	2.9672															
		12	-0.0079	-0.0022	-0.0018	-0.0018																						
768	1	10	0.601	-3.09	0.0012	-0.00	0.7081	2.5760	-0.0665	-0.0230	-0.0217	1.7281	1.6358															
		11	0.0066	0.0012	0.0044	0.0044	1.5192	1.6118	-0.0593	-0.0205	-0.0203	1.7338	1.7139															
		12	-0.0159	-0.0048	-0.0051	-0.0051																						
768	2	10	0.600	-0.04	0.0026	-0.00	1.1689	2.2759	0.0031	0.0019	0.0026	3.1135	4.2525															
		11	0.0113	0.0026	0.0051	0.0051	1.3723	1.2512	0.0115	0.0046	0.0034	2.0246	1.4989															
		12	-0.0111	-0.0030	-0.0027	-0.0027																						
768	3	10	0.600	0.46	0.0036	-0.00	1.2703	2.1634	0.0094	0.0040	0.0046	2.1383	2.4842															
		11	0.0141	0.0036	0.0061	0.0061	1.2020	0.0197	0.0077	0.0062	0.0062	1.9549	1.5749															
		12	-0.0075	-0.0020	-0.0018	-0.0018																						

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →													
768	4	10 11 12	0.600 0.0136 -0.0059	1.00 0.0034 -0.0014	-0.00 0.0062 -0.0012	1.2771 1.2329	2.2957 1.0516	0.0247 0.0322	0.0096 0.0120	0.0099 0.0105	1.9531 1.8622	2.0094 1.6304				
768	5	10 11 12	0.600 0.0155 -0.0088	2.04 0.0042 -0.0022	-0.00 0.0071 -0.0020	1.3596 1.2744	2.2966 1.1788	0.0513 0.0583	0.0190 0.0214	0.0184 0.0190	1.8558 1.8405	1.7968 1.6334				
768	6	10 11 12	0.601 0.0127 -0.0039	3.08 0.0035 -0.0006	-0.00 0.0067 -0.0013	1.3792 0.8215	2.6312 1.7649	0.0819 0.0835	0.0295 0.0302	0.0287 0.0278	1.8033 1.8086	1.7561 1.6680				
768	7	10 11 12	0.600 0.0137 -0.0029	4.12 0.0037 -0.0004	-0.00 0.0071 -0.0012	1.3631 0.7198	2.5863 2.1425	0.1096 0.1087	0.0384 0.0387	0.0379 0.0370	1.7512 1.7796	1.7291 1.7037				
768	8	10 11 12	0.603 0.0130 -0.0093	-0.00 0.0031 -0.0025	-0.00 0.0059 -0.0023	1.1975 1.3812	2.2926 1.2563	0.0027 0.0112	0.0017 0.0045	0.0025 0.0034	3.1217 2.0076	4.5815 1.5246				
769	1	10 11 12	0.601 0.0067 -0.0000	3.09 0.0006 0.0009	-0.00 0.0040 0.0004	0.4745 -58.6656	3.0056 -26.2308	-0.0720 -0.0601	-0.0251 -0.0206	-0.0233 -0.0207	1.7475 1.7191	1.6191 1.7253				
769	2	10 11 12	0.601 0.0025 -0.0000	-0.00 0.0006 -0.0006	-0.00 0.0030 -0.0005	-1.0476 49.7245	6.0132 -45.2846	0.0013 0.0097	0.0010 0.0043	0.0018 0.0026	3.9079 2.2348	6.8922 1.3489				
769	3	10 11 12	0.600 0.0018 -0.0025	0.45 -0.0007 -0.0001	-0.00 0.0025 -0.0011	-2.1272 0.3729	6.8393 2.1874	0.0132 0.0226	0.0051 0.0090	0.0062 0.0071	1.9577 2.0077	2.3666 1.5869				
769	4	10 11 12	0.601 0.0018 0.0000	1.00 -0.0007 -0.0006	-0.00 0.0025 -0.0006	-2.1272 42.1345	6.8393 -47.6430	0.0234 0.0328	0.0090 0.0125	0.0096 0.0104	1.9357 1.9146	2.0583 1.5979				
769	5	10 11 12	0.601 0.0011 -0.0006	2.05 -0.0010 -0.0003	-0.00 0.0021 -0.0004	-4.5553 -2.8026	9.3189 3.1403	0.0526 0.0580	0.0192 0.0217	0.0188 0.0191	1.8301 1.8689	1.7923 1.6524				
769	6	10 11 12	0.601 -0.0001 -0.0005	3.10 -0.0016 -0.0002	-0.00 0.0014 -0.0004	61.6484 -2.3481	-53.6560 3.8760	0.0737 0.0818	0.0267 0.0299	0.0268 0.0272	1.8105 1.8289	1.8178 1.6624				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →													
769	7	10	0.600	4.11	-0.00	-8.6328	13.3729	0.1069	0.0375	0.0375	0.0376	1.7566	1.7566	1.7566	1.7566	
			0.0007	-0.0012	0.0019	0.5162	2.5443	0.1103	0.0393	0.0375	0.0375	0.0376	1.7820	1.7820	1.7820	1.7820
			-0.0019	-0.0001	-0.0009	0.0009	-0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
769	8	10	0.600	-0.01	-0.00	-0.0974	4.2086	0.0021	0.0011	0.0011	0.0024	2.6915	2.6915	2.6915	2.6915	
			0.0036	-0.0000	0.0030	4.5339	0.5342	0.0101	0.0045	0.0045	0.0045	0.0045	2.2654	2.2654	2.2654	2.2654
			0.0013	0.0011	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
770	1	10	0.600	-3.08	-0.00	0.5848	2.7193	-0.0688	-0.0239	-0.0219	1.7406	1.7406	1.7406	1.7406		
			0.0074	0.0008	0.0040	5.0592	3.2643	-0.0571	-0.0195	-0.0195	-0.0195	-0.0195	1.7146	1.7146	1.7146	1.7146
			0.0014	0.0015	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	
770	2	10	0.600	-0.05	-0.00	-0.4748	4.5023	0.0000	0.0004	0.0012	3.5341	3.5341	3.5341	3.5341		
			0.0032	-0.0003	0.0029	11.4818	1.4892	0.0090	0.0041	0.0041	0.0041	0.0041	2.2820	2.2820	2.2820	
			0.0004	0.0010	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	
770	3	10	0.599	0.44	-0.00	-0.7691	5.3389	0.0126	0.0048	0.0061	1.9082	1.9082	1.9082	1.9082		
			0.0027	-0.0004	0.0029	3.5774	0.7724	0.0227	0.0091	0.0091	0.0091	0.0091	2.0077	2.0077	2.0077	
			0.0018	0.0012	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	
770	4	10	0.600	1.03	-0.00	-1.6099	6.8490	0.0240	0.0132	0.0096	1.8829	1.8829	1.8829	1.8829		
			0.0020	-0.0006	0.0028	38.7503	12.8574	0.0349	0.0132	0.0113	0.0113	0.0113	1.6224	1.6224	1.6224	
			0.0001	0.0008	-0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	
770	5	10	0.600	2.05	-0.00	-4.5230	9.9102	0.0458	0.0166	0.0169	1.8173	1.8173	1.8173	1.8173		
			0.0011	-0.0010	0.0022	5.1854	0.7634	0.0551	0.0208	0.0166	0.0166	0.0166	1.8918	1.8918	1.8918	
			0.0009	0.0009	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
770	7	10	0.600	4.14	0.000	-21.8768	28.6034	0.1000	0.0353	0.0349	1.7641	1.7455									
		11	0.0003	-0.0015	0.0019	-0.7583	4.8299	0.1089	0.0390	0.0374	1.7914	1.7190									
		12	-0.0010	0.0001	-0.0009	-0.0009															
770	8	10	0.601	-0.02	0.000	0.4005	3.5784	0.0004	0.0006	0.0010	0.0095	21.1565									
		11	0.0050	0.0004	0.0036	4.8021	0.6286	0.0107	0.0047	0.0034	2.2251	1.6039									
		12	0.0011	0.0010	0.0001																
771	1	10	0.600	-3.09	0.000	0.2394	3.1154	-0.0697	-0.0243	-0.0222	1.7432	1.5944									
		11	0.0058	0.0002	0.0036	2.8295	2.2271	-0.0602	-0.0204	-0.0205	1.7015	1.7041									
		12	0.0040	0.0023	0.0018																
771	3	10	0.601	-1.07	0.000	-0.2599	3.8915	-0.0192	-0.0064	-0.0052	1.6604	1.3724									
		11	0.0037	-0.0001	0.0029	3.0580	1.7301	-0.0122	-0.0032	-0.0042	1.5044	1.7362									
		12	0.0032	0.0019	0.0011																
771	4	10	0.600	-0.03	0.000	-1.8758	8.4842	0.0005	0.0005	0.0015	5.0475	13.6115									
		11	0.0017	-0.0006	0.0029	2.7644	1.6659	0.0064	0.0033	0.0017	2.5813	1.3906									
		12	0.0033	0.0018	0.0011																
771	5	10	0.601	0.46	0.000	31.7697	-48.6903	0.0093	0.0037	0.0059	2.0272	2.5038									
		11	-0.0002	-0.0014	0.0022	3.5645	0.3835	0.0187	0.0077	0.0059	2.0561	1.5793									
		12	0.0018	0.0012	0.0001																
771	6	10	0.600	0.98	0.000	18.3344	-20.9843	0.0230	0.0086	0.0092	1.8705	2.0052									
		11	-0.0004	-0.0015	0.0012	8.1580	2.4079	0.0304	0.0116	0.0098	1.9199	1.6133									
		12	0.0005	0.0009	0.0002																
771	7	10	0.599	2.04	0.000	3.0148	-0.2720	0.0462	0.0169	0.0170	1.8275	1.8460									
		11	-0.0054	-0.0032	0.0002	-0.1294	3.4360	0.0535	0.0200	0.0175	1.8749	1.6425									
		12	-0.0012	0.0000	-0.0008																
771	8	10	0.600	3.10	0.000	5.3456	-2.7484	0.0772	0.0276	0.0274	1.7889	1.7739									
		11	-0.0020	-0.0021	0.0011	5.2331	1.5502	0.0815	0.0299	0.0274	1.8361	1.6862									
		12	0.0008	0.0009	0.0002																
771	9	10	0.600	4.11	0.000	5.7235	-1.6499	0.1024	0.0359	0.0357	1.7561	1.7464									
		11	-0.0021	-0.0024	0.0007	-0.0951	2.2481	0.1089	0.0390	0.0371	1.7915	1.7060									
		12	-0.0018	0.0000	-0.0008																
771	10	10	0.601	-0.07	0.000	-0.2803	5.3276	0.0000	0.0004	0.0014	33.8935	102.9880									
		11	0.0031	-0.0001	0.0033																

TABLE VIIA

TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
772	1	10	0.0019	0.0014	0.0004	3.5340	1.0520	0.0087	0.0041	0.0024	2.3655	1.4261								
		11	0.600	-3.08	0.0033	-0.0801	3.6408	-0.0746	-0.0261	-0.0240	1.7512	1.6131								
		12	0.0042	0.0024	0.0016	2.8347	1.9563	-0.0606	-0.0205	-0.0207	1.6965	1.7130								
772	2	10	0.602	-0.08	-0.00	-2.0966	7.5723	-0.0032	-0.0005	0.0008	0.8656	-1.3090								
		11	0.0018	-0.0007	0.0027	8.8430	-0.0084	0.0127	0.0055	0.0037	2.1965	-1.4640								
		12	0.0006	0.0011	-0.0000	-2.0966	7.5723	-0.0032	-0.0005	0.0008	0.8656	-1.3090								
772	3	10	0.601	0.46	-0.00	9.0691	-10.4743	0.0103	0.0042	0.0053	2.0417	2.5899								
		11	-0.0009	-0.0017	0.0019	38.7503	-12.8574	0.0250	0.0099	0.0078	1.9921	1.5693								
		12	0.0001	0.0008	-0.0002	4.7648	-3.9202	0.0345	0.0132	0.0111	1.8682	2.0871								
772	4	10	0.601	0.99	-0.00	4.5056	-1.9277	0.0482	0.0175	0.0177	1.8197	1.8399								
		11	-0.0021	-0.0020	0.0016	-1.0871	1.7675	0.0597	0.0223	0.0197	1.8671	1.6553								
		12	-0.0000	0.0007	-0.0002	3.4555	-0.4923	0.0722	0.0258	0.0279	1.7873	1.7922								
772	5	10	0.600	2.03	-0.00	6.3306	-3.6592	0.0972	0.0342	0.0343	1.7592	1.7643								
		11	-0.0025	-0.0023	0.0009	5.6305	0.4296	0.1078	0.0386	0.0369	1.7903	1.7136								
		12	-0.0011	0.0002	-0.0005	-1.1147	2.3802	0.0835	0.0306	0.0279	1.8338	1.6735								
772	6	10	0.602	3.10	-0.00	5.0012	0.0012	0.0972	0.0342	0.0343	1.7592	1.7643								
		11	-0.0043	-0.0030	0.0004	5.6305	0.4296	0.1078	0.0386	0.0369	1.7903	1.7136								
		12	-0.0011	0.0002	-0.0005	-1.1147	2.3802	0.0835	0.0306	0.0279	1.8338	1.6735								
772	7	10	0.601	4.14	-0.00	6.3306	-3.6592	0.0972	0.0342	0.0343	1.7592	1.7643								
		11	-0.0017	-0.0021	0.0012	5.6305	0.4296	0.1078	0.0386	0.0369	1.7903	1.7136								
		12	0.0016	0.0011	0.0001	-1.1147	2.3802	0.0835	0.0306	0.0279	1.8338	1.6735								
772	8	10	0.601	-0.03	-0.00	5.0012	0.0012	0.0972	0.0342	0.0343	1.7592	1.7643								
		11	0.0008	-0.0010	0.0026	5.6305	0.4296	0.1078	0.0386	0.0369	1.7903	1.7136								
		12	0.0030	0.0018	0.0008	-5.0795	16.0892	0.0016	0.0059	0.0041	3.1806	6.9552								
773	1	10	0.601	3.10	-0.00	5.0012	0.0012	0.0972	0.0342	0.0343	1.7592	1.7643								
		11	0.0042	-0.0000	0.0032	5.6305	0.4296	0.1078	0.0386	0.0369	1.7903	1.7136								
		12	0.0089	0.0041	0.0034	-2.3001	1.9436	-0.0613	-0.0208	-0.0210	1.6999	1.6061								
773	2	10	0.601	-0.04	-0.00	5.0012	0.0012	0.0972	0.0342	0.0343	1.7592	1.7643								
		11	0.0021	-0.0020	0.0016	4.7648	-3.9202	0.0345	0.0132	0.0111	1.8682	2.0871								
		12	0.0042	0.0022	0.0011	2.5883	-1.3116	0.0090	0.0043	0.0027	3.2255	8.7654								
773	3	10	0.602	0.46	-0.00	4.7648	-3.9202	0.0345	0.0132	0.0111	1.8682	2.0871								

See Key

TABLE VIIA
TAIL FIN FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
773	4	11	-0.0033	-0.0020	0.0014	3.5662	-2.0951	0.0130	0.0049	0.0059	1.8762	2.2690						
			0.0040	0.0020	0.0011	2.5677	1.3746	0.0217	0.0069	0.0068	2.0583	1.5824						
773	4	12	0.601	0.99	-0.00	2.8686	-0.0111	0.0237	0.0086	0.0092	1.8282	1.9355						
			-0.0064	-0.0037	0.0000	3.6454	0.8661	0.0312	0.0122	0.0100	1.9537	1.6084						
773	5	10	0.602	2.03	-0.00	2.7438	0.1890	0.0491	0.0175	0.0173	1.7876	1.7679						
			-0.0069	-0.0038	-0.0002	3.0484	1.3280	0.0561	0.0211	0.0187	1.8855	1.6653						
773	6	10	0.601	3.08	-0.00	2.7030	0.9357	0.0792	0.0283	0.0283	1.7833	1.7903						
			-0.0089	-0.0048	-0.0016	-0.0951	2.2481	0.0846	0.0310	0.0287	1.8348	1.6975						
773	7	10	0.601	4.12	0.00	3.1804	0.6642	0.1029	0.0363	0.0361	1.7658	1.7542						
			-0.0062	-0.0039	-0.0008	3.6968	2.1368	0.1108	0.0394	0.0379	1.7811	1.7098						
773	8	10	0.601	-0.01	-0.00	3.5366	-1.9826	0.0019	0.0010	0.0024	2.6597	6.2130						
			-0.0035	-0.0025	0.0014	2.4780	1.3580	0.0094	0.0045	0.0030	2.4201	1.6067						
774	1	10	0.601	-3.10	0.00	-1.1283	4.4502	-0.0737	-0.0257	-0.0233	1.7485	1.5839						
			0.0029	-0.0006	0.0026	2.2399	1.6838	-0.0548	-0.0184	-0.0187	1.6792	1.7047						
774	2	10	0.601	-0.04	-0.00	4.9761	-3.1985	-0.0052	-0.0016	-0.0000	1.5226	0.0030						
			-0.0024	-0.0018	0.0015	3.8470	1.1438	0.0145	0.0052	0.0040	2.1643	1.3798						
774	3	10	0.602	0.45	-0.00	3.2143	-0.9147	0.0092	0.0035	0.0052	1.9182	2.8309						
			-0.0046	-0.0023	0.0012	2.8156	1.5241	0.0241	0.0098	0.0077	2.0371	1.5937						
774	4	10	0.601	1.02	0.00	2.6818	0.4848	0.0208	0.0076	0.0087	1.8430	2.1120						
			-0.0084	-0.0045	-0.0008	-5.2572	4.7663	0.0375	0.0144	0.0122	1.9281	1.6344						
774	5	10	0.601	2.03	-0.00	3.0193	0.1035	0.0446	0.0157	0.0161	1.7666	1.8084						
			-0.0061	-0.0018	-0.0001	2.7564	1.2407	0.0591	0.0223	0.0197	1.8913	1.6676						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key																				
774	6	10	0.602	3.19	-0.0022	-0.0008	2.5705	1.0570	0.0704	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	0.0251	1.7831	1.7868
		11	-0.0104	-0.0053	-0.0011	-0.0008	-0.9218	2.8454	0.0861	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	0.0316	1.8368	1.6785
		12	-0.0014	0.0002	-0.0008	-0.0008																
774	7	10	0.601	4.12	-0.0002	-0.0006	3.0270	0.7541	0.1048	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368	0.0368	1.7588	1.7597
		11	-0.0073	-0.0044	-0.0011	-0.0006	78.5938	36.3143	0.1163	0.0414	0.0414	0.0414	0.0414	0.0414	0.0414	0.0414	0.0414	0.0414	0.0414	0.0414	1.7809	1.7199
		12	0.0000	0.0006	-0.0002	-0.0006																
774	8	10	0.601	-0.03	-0.0002	-0.0004	3.4508	-0.9791	-0.0001	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	1.3410	-60.6399
		11	-0.0043	-0.0030	0.0008	0.0004	3.4490	0.6792	0.0159	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	2.1830	1.5164
		12	0.0023	0.0016	0.0004	0.0004																
775	1	10	0.601	-3.10	-0.0019	-0.0078	-8.6328	13.3729	-0.0717	-0.0253	-0.0253	-0.0253	-0.0253	-0.0253	-0.0253	-0.0253	-0.0253	-0.0253	-0.0253	-0.0253	1.7670	1.6290
		11	0.0007	-0.0012	0.0019	0.0078	2.0554	1.8248	-0.0600	-0.0202	-0.0202	-0.0202	-0.0202	-0.0202	-0.0202	-0.0202	-0.0202	-0.0202	-0.0202	-0.0202	1.6838	1.7180
		12	0.0214	0.0088	0.0078	0.0078																
775	2	10	0.601	-0.04	-0.0006	-0.0030	2.5420	0.3358	0.0034	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	1.6611	3.3276
		11	-0.0100	-0.0051	-0.0006	-0.0030	2.1081	1.4819	0.0102	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	2.4654	1.5537
		12	0.0103	0.0043	0.0030	0.0030																
775	3	10	0.601	0.46	-0.0002	-0.0023	2.2945	0.7600	0.0144	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	1.7800	2.1593
		11	-0.0145	-0.0066	-0.0022	-0.0023	2.1407	1.3783	0.0213	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	0.0091	2.1293	1.6148
		12	0.0086	0.0036	0.0023	0.0023																
775	4	10	0.601	1.03	-0.0002	-0.0016	2.1537	0.9582	0.0265	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	0.0096	1.8092	1.9204
		11	-0.0187	-0.0080	-0.0035	-0.0016	2.2534	1.3628	0.0335	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	0.0132	1.9710	1.6624
		12	0.0061	0.0027	0.0016	0.0016																
775	5	10	0.601	2.03	0.0002	0.0008	2.1816	1.2549	0.0474	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	0.0166	1.7594	1.7921
		11	-0.0215	-0.0094	-0.0054	-0.0008	3.0572	1.6958	0.0563	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214	0.0214	1.9040	1.6632
		12	0.0024	0.0015	0.0008	0.0008																
775	6	10	0.600	3.08	-0.0006	-0.0076	2.1205	1.5092	0.0759	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	0.0270	1.7806	1.7755
		11	-0.0253	-0.0107	-0.0001	-0.0076	-0.5434	2.5720	0.0853	0.0312	0.0312	0.0312	0.0312	0.0312	0.0312	0.0312	0.0312	0.0312	0.0312	0.0312	1.8331	1.6835
		12	-0.0013	0.0001	-0.0006	-0.0006																
775	7	10	0.601	4.12	-0.0002	-0.0007	2.3455	1.4538	0.1039	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	0.0365	1.7572	1.7610
		11	-0.0196	-0.0092	-0.0057	-0.0007	2.4043	15.4121	0.1142	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	0.0405	1.7744	1.7157
		12	-0.0000	0.0007	-0.0002	-0.0007																
775	8	10	0.600	-0.05	-0.0002	-0.0012	2.3282	0.4915	0.0015	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	1.8724	5.6177
		11	-0.0125	-0.0058	-0.0012	-0.0012																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																			
776	1	12	0.0105	0.0042	0.0027	2.0248	1.3284	0.0074	0.0041	0.0023	2.7740	1.5733								
		10	0.600	-3.10	-0.00															
		11	0.0016	-0.0014	0.0025	-4.6418	7.7997	-0.0835	-0.0293	-0.0266	1.7589	1.5964								
		12	0.0220	0.0091	0.0078	2.0810	1.7762	-0.0452	-0.0149	-0.0161	1.6479	1.7792								
776	2	10	0.601	-0.003	-0.00															
		11	-0.0096	-0.0052	-0.0005	2.7201	0.2799	-0.0103	-0.0035	-0.0015	1.7109	0.7550								
		12	0.0112	0.0050	0.0030	2.2643	1.3693	0.0221	0.0093	0.0063	2.1134	1.4358								
776	3	10	0.600	0.45	-0.00															
		11	-0.0156	-0.0075	-0.0024	2.4061	0.7991	-0.0047	-0.0014	0.0007	1.5615	-0.7373								
		12	0.0070	0.0037	0.0019	2.6332	1.3867	0.0301	0.0120	0.0096	2.0033	1.6094								
776	4	10	0.600	1.02	-0.00															
		11	-0.0154	-0.0073	-0.0024	2.3985	0.8092	0.0079	0.0029	0.0056	1.8671	3.5779								
		12	0.0045	0.0027	0.0015	3.0569	1.6837	0.0440	0.0172	0.0141	1.9575	1.5995								
776	5	10	0.601	2.05	-0.00															
		11	-0.0211	-0.0095	-0.0051	2.2546	1.2158	0.0342	0.0117	0.0131	1.7181	1.9259								
		12	0.0050	0.0028	0.0016	2.8628	1.6542	0.0654	0.0248	0.0217	1.8986	1.6642								
776	6	10	0.601	3.09	-0.00															
		11	-0.0246	-0.0107	-0.0072	2.1743	1.4640	0.0635	0.0224	0.0226	1.7645	1.7848								
		12	0.0010	0.0014	0.0004	6.8785	2.0327	0.0947	0.0347	0.0321	1.8323	1.6955								
776	7	10	0.601	4.11	-0.00															
		11	-0.0232	-0.0106	-0.0066	2.2859	1.4374	0.0913	0.0322	0.0325	1.7636	1.7823								
		12	0.0013	0.0014	0.0005	5.2655	2.0866	0.1235	0.0435	0.0423	1.7612	1.7130								
776	9	10	0.601	-0.05	-0.00															
		11	-0.0100	-0.0054	-0.0006	2.7325	0.3387	-0.0133	-0.0045	-0.0025	1.7161	0.9600								
		12	0.0101	0.0048	0.0030	2.3802	1.5077	0.0214	0.0091	0.0062	2.1289	1.4501								
776	3	10	1.252	-3.17	-0.00															
		11	0.0065	0.0014	0.0036	1.1344	2.7700	-0.0705	-0.0262	-0.0231	1.8646	1.6439								
		12	0.0091	0.0052	0.0020	2.8709	1.1050	-0.0621	-0.0210	-0.0219	1.6960	1.7654								
776	4	10	1.252	-0.05	-0.00															

TABLE VI
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																										
			0.0042	0.0004	0.0029	0.4968	3.4457	0.0145	0.0044	0.0045	1.5401	1.5666																
			0.0111	0.0047	0.0025	2.1263	1.1595	0.0172	0.0079	0.0038	2.3047	1.1283																
77A	5		1.251	1.00	-0.00	-1.0045	4.6484	0.0369	0.0129	0.0121	1.7559	1.6504																
			0.0026	-0.0005	0.0023	1.7531	1.0169	0.0376	0.0163	0.0110	2.1657	1.4727																
			0.0115	0.0040	0.0023																							
77A	6		1.252	3.12	-0.00	-0.0866	3.7485	0.0923	0.0303	0.0311	1.6452	1.6872																
			0.0034	-0.0000	0.0025	1.9109	1.1898	0.0895	0.0332	0.0293	1.8569	1.6377																
			0.0127	0.0046	0.0030																							
77A	7		1.252	6.26	-0.00	561.4410	1.0999	0.1976	0.0526	0.0686	1.3320	1.7383																
			0.0000	-0.0004	0.0014	1.8529	1.0999	0.1681	0.0547	0.0646	1.4555	1.7164																
			0.0112	0.0041	0.0024																							
77E	8		1.251	9.39	-0.00	-1.8137	-0.6391	0.3140	0.0686	0.1113	1.0922	1.7725																
			-0.0045	-0.0016	0.0005	2.2847	1.0818	0.2974	0.0701	0.1048	1.1782	1.7614																
			0.0114	0.0052	0.0024																							
77A	9		1.251	12.61	-0.00	-1.4389	0.3648	0.4254	0.0804	0.1519	0.9456	1.7860																
			-0.0103	-0.0029	-0.0007	2.0024	0.9883	0.4112	0.0810	0.1465	0.9856	1.7810																
			0.0114	0.0045	0.0022																							
77A	10		1.251	-0.07	-0.00	-0.2635	3.4885	0.0156	0.0045	0.0045	1.4348	1.4643																
			0.0046	-0.0002	0.0032	1.7533	1.1648	0.0175	0.0076	0.0035	2.1757	1.0221																
			0.0116	0.0040	0.0027																							
779	1		1.251	-3.16	-0.00	-0.0397	3.0992	-0.0724	-0.0272	-0.0240	1.8833	1.6588																
			0.0065	-0.0000	0.0040	2.0512	1.2171	-0.0661	-0.0226	-0.0234	1.7149	1.7721																
			0.0111	0.0045	0.0027																							
779	2		1.250	-0.05	-0.00	-0.6669	4.1313	0.0102	0.0021	0.0016	1.0506	1.4511																
			0.0039	-0.0005	0.0032	1.6236	1.1531	0.0102	0.0046	0.0016	2.2626	0.8143																
			0.0122	0.0039	0.0028																							
779	3		1.251	1.00	-0.00	-0.9337	3.9099	0.0353	0.0119	0.0116	1.6938	1.6489																
			0.0030	-0.0007	0.0030	1.5563	1.1065	0.0349	0.0143	0.0101	2.0496	1.4501																
			0.0127	0.0039	0.0028																							
779	4		1.251	3.12	-0.00	-2.1119	7.2066	0.0918	0.0302	0.0310	1.6476	1.6926																
			0.0014	-0.0006	0.0021	1.4874	1.1568	0.0877	0.0318	0.0279	1.8165	1.5918																
			0.0126	0.0037	0.0029																							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
779	5	10	1.251	6.28	0.0017	-0.00	5.1431	-8.0915	0.1938	0.0523	0.0541	0.0674	1.3508	1.7363	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	-0.0010	-0.0010	0.0017	0.0017	1.6969	1.1548	0.1853	0.0541	0.0634	1.4605	1.7115									
	12	10	0.0116	0.0039	0.0027	0.0027																
779	6	10	1.251	9.41	0.0007	-0.00	1.7947	-0.5484	0.3118	0.0681	0.0700	0.1104	1.0930	1.7702	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	-0.0064	-0.0022	0.0007	0.0007	2.1967	1.1637	0.2957	0.0700	0.1039	1.1847	1.7570									
	12	10	0.0120	0.0053	0.0028	0.0028																
779	7	10	1.250	12.63	0.0001	-0.00	1.2689	0.0960	0.4264	0.0809	0.0806	0.1518	0.9485	1.7798	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	-0.0098	-0.0024	0.0001	0.0001	2.1500	1.1395	0.4099	0.0806	0.1457	0.9841	1.7782									
	12	10	0.0123	0.0053	0.0028	0.0028																
779	8	10	1.251	-0.003	0.0038	-0.00	-0.2357	3.8716	0.0089	0.0016	0.0047	0.0028	0.9425	1.5962	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	0.0049	-0.0002	0.0038	0.0038	1.7238	1.1575	0.0107	0.0047	0.0017	2.2186	0.8357									
	12	10	0.0131	0.0045	0.0030	0.0030																
780	1	10	1.251	-3.13	0.0040	-0.00	0.1001	2.9563	-0.0736	-0.0276	-0.0232	-0.0246	1.8798	1.6728	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	0.0068	0.0001	0.0040	0.0040	2.0317	1.2559	-0.0674	-0.0232	-0.0239	1.7263	1.7745									
	12	10	0.0116	0.0047	0.0029	0.0029																
780	2	10	1.251	-0.003	0.0032	-0.00	-0.4176	4.0690	0.0057	0.0006	0.0032	0.0020	0.5889	1.7933	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	0.0040	-0.0003	0.0032	0.0032	1.7703	1.1492	0.0067	0.0032	0.0007	2.4372	0.5826									
	12	10	0.0117	0.0041	0.0027	0.0027																
780	3	10	1.250	1.02	0.0031	-0.00	-0.6715	3.9908	0.0323	0.0109	0.0130	0.0106	1.6851	1.6461	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	0.0039	0.0005	0.0031	0.0031	1.6236	1.2001	0.0318	0.0130	0.0090	2.0504	1.4179									
	12	10	0.0122	0.0039	0.0029	0.0029																
780	4	10	1.250	3.14	0.0023	-0.00	-1.0117	4.4406	0.0871	0.0290	0.0269	0.0294	1.6676	1.6896	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	0.0026	-0.0005	0.0023	0.0023	1.5523	1.1586	0.0849	0.0290	0.0269	1.8204	1.5877									
	12	10	0.0121	0.0037	0.0028	0.0028																
780	5	10	1.251	6.28	0.0015	-0.00	6.8214	-13.4669	0.1938	0.0523	0.0539	0.0671	1.3499	1.7314	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	-0.0005	-0.0008	0.0015	0.0015	1.6728	1.1842	0.1842	0.0523	0.0628	1.4637	1.7051									
	12	10	0.0138	0.0046	0.0032	0.0032																
780	6	10	1.250	9.42	0.0003	-0.00	1.8153	-0.3077	0.3145	0.0685	0.0700	0.1111	1.0903	1.7663	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	-0.0058	-0.0021	0.0003	0.0003	2.1896	1.1803	0.2965	0.0700	0.1041	1.1806	1.7558									
	12	10	0.0138	0.0060	0.0032	0.0032																
780	7	10	1.250	12.64	0.0004	-0.00	1.3067	0.2178	0.4264	0.0807	0.0806	0.1518	0.9464	1.7801	↖	↗	↖	↗	↖	↗	↖	↗
	11	10	-0.0095	-0.0025	0.0004	0.0004	1.9564	1.2283	0.4095	0.0806	0.1455	0.9841	1.7772									
	12	10	0.0137	0.0053	0.0033	0.0033																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key \longleftrightarrow

Run	Pt.	Cd																			
780	8	10	1.250	-0.002	-0.0031	-0.6016	3.5342	0.0056	0.0005	0.0017	0.5216	1.5316									
		11	0.0044	-0.0005	0.0031	1.6943	1.1477	0.0068	0.0033	0.0006	2.4498	0.4877									
		12	0.0122	0.0041	0.0028																
781	1	10	1.251	-3.11	-0.00	0.1001	2.9563	-0.0749	-0.0279	-0.0253	1.8634	1.6904									
		11	0.0068	0.0001	0.0040	1.8981	1.3345	-0.0704	-0.0243	-0.0247	1.7311	1.7555									
		12	0.0109	0.0041	0.0029																
781	2	10	1.251	-0.04	-0.00	-0.2080	3.1152	0.0018	-0.0004	0.0009	-1.1226	2.4411									
		11	0.0059	-0.0002	0.0037	1.5914	1.2559	0.0039	0.0023	0.0000	-3.0100	0.0026									
		12	0.0129	0.0041	0.0032																
781	3	10	1.251	1.03	-0.00	-0.7805	3.7574	0.0260	0.0083	0.0090	1.6040	1.7330									
		11	0.0040	-0.0006	0.0030	1.5892	1.1753	0.0275	0.0108	0.0076	1.9582	1.3904									
		12	0.0124	0.0039	0.0029																
781	4	10	1.251	3.17	-0.00	-1.5692	5.9214	0.0881	0.0293	0.0294	1.6647	1.6708									
		11	0.0020	-0.0006	0.0023	1.3076	1.1165	0.0832	0.0302	0.0265	1.8140	1.5940									
		12	0.0136	0.0035	0.0030																
781	5	10	1.249	6.30	-0.00	2.6540	-3.1037	0.1924	0.0523	0.0661	1.3597	1.7193									
		11	-0.0023	-0.0012	0.0014	1.7541	1.1730	0.1840	0.0542	0.0625	1.4727	1.7000									
		12	0.0134	0.0047	0.0031																
781	6	10	1.250	9.43	-0.00	1.6331	-0.2692	0.3117	0.0681	0.1096	1.0929	1.7585									
		11	-0.0067	-0.0022	0.0003	1.9801	1.2008	0.2940	0.0697	0.1026	1.1867	1.7461									
		12	0.0141	0.0055	0.0033																
781	7	10	1.250	12.64	-0.00	1.4701	0.4517	0.4265	0.0806	0.1516	0.9457	1.7776									
		11	-0.0120	-0.0035	-0.0010	2.1172	1.1923	0.4118	0.0809	0.1460	0.9826	1.7737									
		12	0.0127	0.0054	0.0030																
781	8	10	1.251	-0.05	-0.00	-0.0519	2.8983	0.0024	-0.0002	0.0009	-0.4813	1.8725									
		11	0.0060	-0.0000	0.0034	1.6414	1.2443	0.0038	0.0021	-0.0003	2.8027	-0.4282									
		12	0.0140	0.0046	0.0034																
782	1	10	1.250	-3.10	-0.00	-0.1126	3.0536	-0.0804	-0.0295	-0.0269	1.8351	1.6768									
		11	0.0066	-0.0001	0.0040	1.9594	1.3613	-0.0745	-0.0254	-0.0261	1.7083	1.7564									
		12	0.0115	0.0045	0.0031																
782	2	10	1.250	-0.01	-0.00	-0.2982	3.1037	-0.0050	-0.0027	-0.0023	2.7151	2.5628									
		11	0.0057	-0.0003	0.0035	1.5630	1.2221	-0.0045	-0.0007	-0.0023	0.8228	2.5628									
		12	0.0138	0.0043	0.0033																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
782	3	10	1.250	-0.0003	1.05	-0.0034	0.0033	-0.090	0.3123	3.1461	0.0185	0.0053	0.0067	0.0055	1.4483	1.8130				
		11	0.0055	0.0038	0.0038	0.0033	0.0033	0.0033	1.4177	1.2467	0.0199	0.0075	0.0055	0.0055	1.9001	1.3917				
		12	0.0135	0.0038	0.0038	0.0033	0.0033	0.0033	1.4177	1.2467	0.0199	0.0075	0.0055	0.0055	1.9001	1.3917				
782	4	10	1.250	-0.0011	3.18	-0.0025	0.0033	-0.000	-2.2294	5.2111	0.0809	0.0272	0.0269	0.0248	1.6824	1.6649				
		11	0.0024	0.0037	0.0037	0.0033	0.0033	0.0033	1.3456	1.2147	0.0786	0.0282	0.0248	0.0248	1.7968	1.5820				
		12	0.0138	0.0037	0.0037	0.0033	0.0033	0.0033	1.3456	1.2147	0.0786	0.0282	0.0248	0.0248	1.7968	1.5820				
782	5	10	1.251	-0.0013	6.32	-0.000	0.0031	-0.000	2.4317	-2.4462	0.1886	0.0519	0.0648	0.0617	1.3761	1.7176				
		11	0.0027	0.0039	0.0039	0.0031	0.0031	0.0031	1.5243	1.2172	0.1815	0.0535	0.0648	0.0617	1.4761	1.6997				
		12	0.0129	0.0039	0.0039	0.0031	0.0031	0.0031	1.5243	1.2172	0.1815	0.0535	0.0648	0.0617	1.4761	1.6997				
782	6	10	1.250	-0.0024	9.45	-0.0001	0.0029	-0.000	1.8590	-0.1008	0.3106	0.0679	0.1095	0.1033	1.0939	1.7626				
		11	0.0067	0.0048	0.0048	0.0029	0.0029	0.0029	1.9167	1.1631	0.2955	0.0701	0.1095	0.1033	1.1867	1.7494				
		12	0.0125	0.0048	0.0048	0.0029	0.0029	0.0029	1.9167	1.1631	0.2955	0.0701	0.1095	0.1033	1.1867	1.7494				
782	7	10	1.251	-0.0034	12.66	-0.0004	0.0029	-0.000	1.4217	0.5870	0.4250	0.0804	0.1510	0.1456	0.9467	1.7766				
		11	0.0121	0.0054	0.0054	0.0029	0.0029	0.0029	2.1719	1.1564	0.4103	0.0805	0.1510	0.1456	0.9812	1.7743				
		12	0.0126	0.0054	0.0054	0.0029	0.0029	0.0029	2.1719	1.1564	0.4103	0.0805	0.1510	0.1456	0.9812	1.7743				
782	8	10	1.251	-0.0004	-0.003	-0.000	0.0033	-0.000	-0.3903	3.1906	-0.0063	-0.0031	-0.0012	-0.0027	2.5310	1.0033				
		11	0.0056	0.0041	0.0041	0.0033	0.0033	0.0033	1.5291	1.2506	-0.0045	-0.0009	-0.0027	-0.0027	1.0133	3.0350				
		12	0.0135	0.0041	0.0041	0.0033	0.0033	0.0033	1.5291	1.2506	-0.0045	-0.0009	-0.0027	-0.0027	1.0133	3.0350				
783	4	10	1.251	-0.0009	3.08	-0.000	0.0023	-0.000	0.5567	2.1770	-0.0828	-0.0296	-0.0270	-0.0269	1.7901	1.6323				
		11	0.0087	0.0031	0.0031	0.0023	0.0023	0.0023	1.7374	1.3101	-0.0787	-0.0264	-0.0269	-0.0269	1.6771	1.7076				
		12	0.0090	0.0031	0.0031	0.0023	0.0023	0.0023	1.7374	1.3101	-0.0787	-0.0264	-0.0269	-0.0269	1.6771	1.7076				
783	5	10	1.250	0.0006	0.00	-0.000	0.0036	-0.000	0.4612	2.3877	-0.0131	-0.0053	-0.0025	-0.0043	2.0141	0.9601				
		11	0.0075	0.0030	0.0030	0.0036	0.0036	0.0036	1.3511	1.0575	-0.0143	-0.0035	-0.0043	-0.0043	1.2419	1.5044				
		12	0.0112	0.0030	0.0030	0.0036	0.0036	0.0036	1.3511	1.0575	-0.0143	-0.0035	-0.0043	-0.0043	1.2419	1.5044				
783	6	10	1.249	0.0006	1.08	-0.000	0.0027	-0.000	0.5566	2.5184	0.0078	0.0021	0.0057	0.0027	1.3865	3.6639				
		11	0.0062	0.0033	0.0033	0.0027	0.0027	0.0027	1.4077	1.1221	0.0040	0.0032	0.0027	0.0027	4.0302	3.4645				
		12	0.0120	0.0033	0.0033	0.0027	0.0027	0.0027	1.4077	1.1221	0.0040	0.0032	0.0027	0.0027	4.0302	3.4645				
783	7	10	1.249	0.0007	3.19	-0.000	0.0029	-0.000	0.7066	2.9412	0.0786	0.0269	0.0274	0.0237	1.7119	1.7456				
		11	0.0049	0.0031	0.0031	0.0029	0.0029	0.0029	1.2772	1.1728	0.0726	0.0270	0.0237	0.0237	1.8640	1.6324				
		12	0.0124	0.0031	0.0031	0.0029	0.0029	0.0029	1.2772	1.1728	0.0726	0.0270	0.0237	0.0237	1.8640	1.6324				
783	8	10	1.254	-0.0001	6.33	-0.000	0.0028	-0.000	-3.5256	27.6320	0.1842	0.0510	0.0643	0.0605	1.3861	1.7450				
		11	0.0002	0.0025	0.0025	0.0028	0.0028	0.0028	-1.0142	1.1336	0.1767	0.0529	0.0643	0.0605	1.4984	1.7130				
		12	0.0124	0.0025	0.0025	0.0028	0.0028	0.0028	-1.0142	1.1336	0.1767	0.0529	0.0643	0.0605	1.4984	1.7130				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
783	9	10	1.251	9.47	-0.0018	-0.0003	1.6443	0.2825	0.3074	0.0679	0.1090	1.1045	1.7741	
		11	-0.0056	0.0037	0.0003	0.0023	1.6996	1.0600	0.2917	0.0703	0.1029	1.2061	1.7646	
		12	0.0111	0.0037	0.0023	0.0023	1.6996	1.0600	0.2917	0.0703	0.1029	1.2061	1.7646	
783	10	10	1.250	12.64	-0.0019	-0.0010	1.0660	0.5983	0.4247	0.0811	0.1512	0.9547	1.7808	
		11	-0.0091	0.0045	0.0021	0.0021	2.0988	0.9824	0.4083	0.0812	0.1453	0.9950	1.7801	
		12	0.0108	0.0028	0.0005	0.0036	1.1852	2.2773	-0.0127	-0.0050	-0.0046	1.3562	1.5654	
784	1	10	1.251	-3.07	0.0004	0.0026	0.3134	2.3224	-0.0860	-0.0302	-0.0282	1.7615	1.6431	
		11	0.0079	0.0030	0.0025	0.0029	1.4917	1.3343	-0.0844	-0.0276	-0.0287	1.6382	1.7007	
		12	0.0100	0.0025	0.0025	0.0029	1.0137	2.2339	-0.0178	-0.0067	-0.0042	1.4825	1.1876	
784	2	10	1.252	0.04	0.0006	0.0033	0.4943	2.4023	-0.0086	-0.0032	0.0011	1.8948	-0.6605	
		11	0.0082	0.0020	0.0020	0.0028	0.9212	1.2662	-0.0118	-0.0026	-0.0016	1.1069	-0.6984	
		12	0.0124	0.0025	0.0025	0.0028	1.0132	2.2259	0.0733	0.0245	0.0217	1.8328	1.6235	
784	3	10	1.251	3.22	0.0026	0.0030	0.5041	2.0781	0.0733	0.0251	0.0248	1.7103	1.6924	
		11	0.0067	0.0025	0.0025	0.0030	1.0132	2.2259	0.0668	0.0245	0.0217	1.8328	1.6235	
		12	0.0124	0.0025	0.0025	0.0030	1.0132	2.2259	0.0668	0.0245	0.0217	1.8328	1.6235	
784	4	10	1.251	6.35	0.0002	0.0012	-2.7406	14.9344	0.1828	0.0513	0.0636	1.4036	1.7406	
		11	-0.0004	0.0031	0.0025	0.0025	-2.7406	14.9344	0.1828	0.0513	0.0636	1.4036	1.7406	
		12	0.0123	0.0031	0.0025	0.0025	-2.7406	14.9344	0.1828	0.0513	0.0636	1.4036	1.7406	
784	5	10	1.252	9.46	-0.0015	-0.0004	1.5970	0.0969	0.3051	0.0677	0.1082	1.1093	1.7739	
		11	-0.0049	0.0039	0.0024	0.0024	1.6236	1.0127	0.2909	0.0701	0.1024	1.2057	1.7613	
		12	0.0122	0.0039	0.0024	0.0024	1.6236	1.0127	0.2909	0.0701	0.1024	1.2057	1.7613	
784	6	10	1.252	12.69	-0.0016	-0.0009	1.0222	0.6028	0.4248	0.0806	0.1513	0.9488	1.7816	
		11	-0.0081	0.0046	0.0024	0.0024	1.9289	1.0281	0.4094	0.0815	0.1454	0.9958	1.7766	
		12	0.0120	0.0046	0.0024	0.0024	1.9289	1.0281	0.4094	0.0815	0.1454	0.9958	1.7766	
784	8	10	1.251	0.03	0.0009	0.0038	0.5750	2.2426	-0.0174	-0.0066	-0.0043	1.9117	1.2487	
		11	0.0084	0.0009	0.0038	0.0038	0.5750	2.2426	-0.0174	-0.0066	-0.0043	1.9117	1.2487	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
785	1	12	0.0127	0.0031	0.0028	1.2509	1.1043	-0.0201	-0.0060	-0.0066	1.4924	1.6457						
		10	1.250	-3.01	-0.00													
		11	0.0086	0.0007	0.0038	0.4504	2.1919	-0.0890	-0.0315	-0.0296	1.7699	1.6651						
		12	0.0102	0.0028	0.0028	1.3686	1.3642	-0.0862	-0.0286	-0.0297	1.6578	1.7241						
785	2	10	1.248	0.07	-0.00	0.6575	2.2026	-0.0226	-0.0083	-0.0064	1.8312	1.4130						
		11	0.0081	0.0010	0.0035	1.3595	1.2046	-0.0248	-0.0071	-0.0085	1.4405	1.7137						
		12	0.0107	0.0029	0.0025													
785	3	10	1.250	1.13	-0.00	0.6672	2.3846	-0.0190	-0.0063	-0.0034	1.6691	0.9033						
		11	0.0058	0.0007	0.0027	0.8983	1.3385	-0.0266	-0.0069	-0.0073	1.3098	1.3886						
		12	0.0113	0.0020	0.0030													
785	4	10	1.255	3.22	-0.00	0.3585	2.3423	0.0601	0.0182	0.0211	1.5167	1.7607						
		11	0.0069	0.0004	0.0032	0.5099	1.1787	0.0562	0.0178	0.0183	1.5843	1.6362						
		12	0.0123	0.0012	0.0029													
785	5	10	1.254	6.37	-0.00	-0.1929	-5.1855	0.1812	0.0508	0.0628	1.4027	1.7330						
		11	-0.0009	0.0000	0.0010	0.8480	1.2121	0.1719	0.0521	0.0584	1.5150	1.6994						
		12	0.0125	0.0021	0.0030													
785	6	10	1.249	9.50	-0.00	1.3945	0.5734	0.3059	0.0679	0.1082	1.1103	1.7687						
		11	-0.0067	-0.0018	-0.0007	1.8183	1.0581	0.2889	0.0702	0.1014	1.2159	1.7555						
		12	0.0122	0.0044	0.0025													
785	7	10	1.250	12.70	-0.00	1.6027	0.9695	0.4233	0.0806	0.1505	0.9525	1.7784						
		11	-0.0114	-0.0036	-0.0022	2.0501	1.0625	0.4090	0.0814	0.1453	0.9957	1.7770						
		12	0.0111	0.0045	0.0023													
785	8	10	1.251	0.06	-0.00	0.3481	2.4146	-0.0233	-0.0085	-0.0064	1.8262	1.3785						
		11	0.0072	0.0005	0.0034	1.1680	1.1796	-0.0249	-0.0073	-0.0086	1.4753	1.7325						
		12	0.0114	0.0027	0.0027													
786	1	10	0.899	-3.01	-0.00	0.5331	1.8020	-0.0904	-0.0339	-0.0307	1.8729	1.6976						
		11	0.0110	0.0011	0.0039	2.4547	1.2676	-0.0830	-0.0308	-0.0287	1.8569	1.7330						
		12	0.0036	0.0017	0.0009													
786	2	10	0.900	0.03	-0.00	0.6203	1.8123	-0.0187	-0.0073	-0.0058	1.9574	1.5445						
		11	0.0105	0.0013	0.0038	1.8563	0.5600	-0.0151	-0.0055	-0.0053	1.8434	1.7478						
		12	0.0055	0.0020	0.0006													
786	3	10	0.900	1.09	-0.00													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
	11		0.0097	0.0010	0.0035	0.5352	1.8004	-0.0088	-0.0031	-0.0006	1.7966	0.3578											
	12		0.0060	0.0021	0.0007	1.7878	0.6357	-0.0085	-0.0026	-0.0013	1.5319	0.7900											
786	4	10	0.900	3.15	-0.90	0.5393	1.9576	0.0591	0.0189	0.0214	1.6013	1.8089											
	11		0.0097	0.0010	0.0038	1.8376	0.5117	0.0596	0.0193	0.0203	1.6248	1.7077											
	12		0.0045	0.0016	0.0004	1.8387	0.4193	0.1797	0.0603	0.0623	1.6769	1.7346											
786	5	10	0.900	6.25	-0.90	1.9387	1.8016	0.1774	0.0597	0.0606	1.6843	1.7101											
	11		0.0093	0.0007	0.0033	1.6485	0.3409	0.3088	0.0923	0.1091	1.4951	1.7664											
	12		0.0039	0.0015	0.0001	1.8371	0.3409	0.3043	0.0915	0.1081	1.5046	1.7761											
786	6	10	0.899	9.34	-0.90	3.4657	1.6485	0.3088	0.0923	0.1091	1.4951	1.7664											
	11		0.0022	-0.0015	0.0007	1.8371	0.3409	0.3043	0.0915	0.1081	1.5046	1.7761											
	12		0.0045	0.0016	0.0003	1.8371	0.3409	0.3043	0.0915	0.1081	1.5046	1.7761											
786	7	10	0.901	12.48	0.00	1.4664	1.8323	0.4183	0.0683	0.1472	0.8174	1.7606											
	11		0.0008	-0.0018	0.0022	1.5850	0.1488	0.4229	0.0723	0.1493	0.8547	1.7660											
	12		0.0052	0.0016	0.0001	1.5850	0.1488	0.4229	0.0723	0.1493	0.8547	1.7660											
786	8	10	0.897	0.03	-0.90	0.6184	1.7395	-0.0180	-0.0071	-0.0055	1.9705	1.5229											
	11		0.0105	0.0013	0.0036	1.8091	0.5827	-0.0159	-0.0056	-0.0050	1.7606	1.5725											
	12		0.0053	0.0019	0.0006	1.8091	0.5827	-0.0159	-0.0056	-0.0050	1.7606	1.5725											
787	1	10	0.900	-3.03	-0.90	0.6024	1.8948	-0.0868	-0.0325	-0.0293	1.8723	1.6885											
	11		0.0109	0.0013	0.0041	2.0320	1.3052	-0.0794	-0.0294	-0.0274	1.8562	1.7268											
	12		0.0053	0.0021	0.0013	2.0320	1.3052	-0.0794	-0.0294	-0.0274	1.8562	1.7268											
787	2	10	0.901	0.00	-0.90	0.5590	1.9491	-0.0201	-0.0077	-0.0054	1.9194	1.3630											
	11		0.0094	0.0010	0.0036	1.7579	0.6074	-0.0151	-0.0053	-0.0046	1.7672	1.5507											
	12		0.0050	0.0017	0.0006	1.7579	0.6074	-0.0151	-0.0053	-0.0046	1.7672	1.5507											
787	3	10	0.899	1.07	-0.90	0.6660	1.7045	-0.0077	-0.0029	0.0009	1.8854	-0.6001											
	11		0.0107	0.0014	0.0036	1.8303	0.7378	-0.0052	-0.0016	0.0006	1.5853	-0.5861											
	12		0.0062	0.0022	0.0009	1.8303	0.7378	-0.0052	-0.0016	0.0006	1.5853	-0.5861											
787	4	10	0.899	3.14	-0.90	0.6258	1.7340	0.0671	0.0216	0.0231	1.6102	1.7239											
	11		0.0114	0.0014	0.0039	1.7878	0.6357	0.0674	0.0224	0.0225	1.6604	1.6688											
	12		0.0060	0.0021	0.0007	1.7878	0.6357	0.0674	0.0224	0.0225	1.6604	1.6688											
787	5	10	0.902	6.24	-0.90	0.0939	2.0155	0.1777	0.0596	0.0612	1.6772	1.7319											
	11		0.0071	0.0001	0.0028	1.8762	0.0023	0.1779	0.0602	0.0612	1.6922	1.7216											
	12		0.0037	0.0014	0.0000	1.8762	0.0023	0.1779	0.0602	0.0612	1.6922	1.7216											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																
787	6	10	0.900	9.32	-0.00	-2.8815	2.1198	0.3126	0.0928	0.1105	1.4841	1.7675						
	11	12	0.0025	-0.0014	0.0010	1.8762	0.0023	0.3081	0.0920	0.1099	1.4931	1.7841						
	12	12	0.0037	0.0014	0.0000													
787	7	10	0.901	12.47	0.00	-16.7499	2.5054	0.4195	0.0686	0.1478	0.8182	1.7615						
	11	12	0.0005	-0.0019	0.0002	1.5848	0.2957	0.4233	0.0723	0.1497	0.8539	1.7682						
	12	12	0.0052	0.0016	0.0003													
787	8	10	0.898	0.03	-0.00		1.9054	-0.0203	-0.0078	-0.0058	1.9320	1.4266						
	11	12	0.0096	0.0011	0.0036	0.6136	0.5546	-0.0141	-0.0049	-0.0045	1.7556	1.6049						
	12	12	0.0041	0.0016	0.0004	1.9962												
788	1	10	0.901	-3.06	-0.00	0.6504	1.7160	-0.0848	-0.0315	-0.0288	1.8599	1.6971						
	11	12	0.0120	0.0015	0.0041	1.9431	1.0461	-0.0756	-0.0280	-0.0264	1.8555	1.7509						
	12	12	0.0058	0.0022	0.0012													
788	2	10	0.899	-0.00	-0.00	0.5569	1.8676	-0.0174	-0.0067	-0.0045	1.9283	1.3055						
	11	12	0.0094	0.0010	0.0035	1.8919	0.6524	-0.0124	-0.0043	-0.0034	1.7498	1.3960						
	12	12	0.0047	0.0017	0.0006													
788	3	10	0.900	3.11	-0.00	0.5150	1.7379	0.0731	0.0244	0.0252	1.6738	1.7269						
	11	12	0.0100	0.0010	0.0035	1.8905	0.3255	0.0757	0.0259	0.0250	1.7151	1.6531						
	12	12	0.0047	0.0017	0.0003													
788	4	10	0.899	6.23	-0.00	0.1677	1.8685	0.1787	0.0600	0.0617	1.6804	1.7277						
	11	12	0.0077	0.0002	0.0029	1.8082	0.2911	0.1786	0.0605	0.0617	1.6938	1.7283						
	12	12	0.0053	0.0019	0.0003													
788	5	10	0.898	9.32	-0.00	-1.5001	1.5217	0.3104	0.0925	0.1098	1.4902	1.7689						
	11	12	0.0039	-0.0011	0.0012	1.7421	0.3947	0.3065	0.0918	0.1092	1.4988	1.7827						
	12	12	0.0058	0.0020	0.0004													
788	6	10	0.899	12.46	0.00	-1.8662	2.1684	0.4200	0.0681	0.1482	0.8115	1.7645						
	11	12	0.0028	-0.0010	0.0012	1.5921	0.3859	0.4238	0.0722	0.1500	0.8520	1.7695						
	12	12	0.0060	0.0019	0.0004													
788	7	10	0.901	-0.00	-0.00	0.6901	1.6869	-0.0181	-0.0069	-0.0050	1.9172	1.3806						
	11	12	0.0112	0.0015	0.0038	1.8568	0.7011	-0.0135	-0.0045	-0.0037	1.6969	1.3941						
	12	12	0.0054	0.0020	0.0007													
789	1	10	0.900	-3.07	-0.00	0.5503	1.7893	-0.0808	-0.0302	-0.0252	1.8671	1.7043						
	11	12	0.0106	0.0011	0.0038	2.0310	1.1575	-0.0730	-0.0266	-0.0252	1.8274	1.7305						
	12	12	0.0053	0.0021	0.0012													

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																					
789	2	10	0.900	-0.003	-0.000	0.6431	1.8747	-0.0084	-0.0034	-0.0020	2.0223	1.2024											
		11	0.0101	0.0013	0.0038	1.8702	0.8336	-0.0031	-0.0008	-0.0007	1.3560	1.1865											
		12	0.0064	0.0024	0.0010																		
789	3	10	0.899	1.01	-0.00	0.6393	1.7241	0.0131	0.0043	0.0054	1.6715	2.0793											
		11	0.0101	0.0013	0.0035	1.9858	0.5980	0.0197	0.0070	0.0065	1.7937	1.6561											
		12	0.0051	0.0020	0.0006																		
789	4	10	0.900	3.17	-0.00	0.5130	1.6618	0.0778	0.0269	0.0266	1.7290	1.7129											
		11	0.0100	0.0010	0.0033	1.9011	0.8111	0.0807	0.0283	0.0267	1.7571	1.6545											
		12	0.0056	0.0021	0.0009																		
789	5	10	0.899	6.22	-0.00	0.0044	2.0778	0.1875	0.0627	0.0643	1.6722	1.7146											
		11	0.0069	0.0000	0.0029	1.8905	0.3255	0.1828	0.0618	0.0634	1.6921	1.7354											
		12	0.0047	0.0017	0.0003																		
789	6	10	0.899	9.28	-0.00	-1.0810	1.7067	0.3120	0.0928	0.1100	1.4875	1.7638											
		11	0.0048	-0.0010	0.0016	1.7570	0.1525	0.3089	0.0925	0.1101	1.4973	1.7816											
		12	0.0051	0.0017	0.0001																		
789	7	10	0.899	12.46	0.00	-3.3843	1.3946	0.4239	0.0691	0.1492	0.8153	1.7604											
		11	0.0021	-0.0014	0.0005	1.4871	0.6031	0.4264	0.0724	0.1506	0.8489	1.7668											
		12	0.0076	0.0022	0.0009																		
789	8	10	0.900	-0.03	-0.00	0.5569	1.8676	-0.0109	-0.0043	-0.0026	1.9614	1.2125											
		11	0.0094	0.0010	0.0035	1.9409	0.6240	-0.0042	-0.0010	-0.0012	1.2881	1.4157											
		12	0.0049	0.0019	0.0006																		
790	1	10	0.899	-3.03	-0.00	0.7526	1.7612	-0.0761	-0.0281	-0.0258	1.8499	1.6972											
		11	0.0130	0.0019	0.0045	1.9082	1.0407	-0.0664	-0.0241	-0.0236	1.8202	1.7772											
		12	0.0066	0.0025	0.0013																		
790	2	10	0.899	-0.04	-0.00	0.6660	1.7045	-0.0012	-0.0007	-0.0003	3.0366	1.2337											
		11	0.0107	0.0014	0.0036	1.9005	0.6747	0.0068	0.0026	0.0013	1.9341	1.0018											
		12	0.0057	0.0021	0.0007																		
790	3	10	0.900	0.98	-0.00	0.4954	1.7445	0.0205	0.0067	0.0074	1.6464	1.8197											
		11	0.0091	0.0009	0.0032	1.9401	0.4673	0.0274	0.0096	0.0087	1.7582	1.6004											
		12	0.0049	0.0019	0.0004																		
790	4	10	0.900	3.10	-0.00	0.4128	1.5543	0.0808	0.0285	0.0278	1.7659	1.7054											
		11	0.0092	0.0007	0.0028	1.9962	0.5546	0.0844	0.0302	0.0278	1.7896	1.6517											
		12	0.0041	0.0016	0.0004																		

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

← See Key →

Run	Pt.	Cd																		
790	5	10	0.901	6.821	-0.000	0.1677	1.8685	0.1870	0.0628	0.0645	1.6787	1.7366								
		11	0.0077	0.0022	0.0028	1.9951	0.3693	0.1850	0.0627	0.0640	1.6944	1.7306								
		12	0.0041	0.0016	0.0003															
790	6	10	0.901	9.31	-0.00	-1.3717	1.7531	0.3183	0.0939	0.1129	1.4753	1.7736								
		11	0.0043	-0.0011	0.0015	1.7570	0.1525	0.3135	0.0932	0.1119	1.4864	1.7849								
		12	0.0050	0.0017	0.0001															
790	7	10	0.899	12.45	0.00	-1.8130	1.6142	0.4237	0.0696	0.1487	0.8219	1.7555								
		11	0.0032	-0.0011	0.0010	1.5284	0.7839	0.4258	0.0722	0.1503	0.8486	1.7654								
		12	0.0078	0.0024	0.0012															
790	8	10	0.900	-0.03	-0.00	0.6136	1.9054	-0.0018	-0.0008	-0.0003	2.4413	0.8557								
		11	0.0096	0.0011	0.0036	1.9876	0.9006	0.0054	0.0022	0.0013	2.0596	1.2455								
		12	0.0051	0.0020	0.0009															
791	1	10	0.900	-3.09	-0.00	0.5786	1.6990	-0.0776	-0.0284	-0.0261	1.8338	1.6809								
		11	0.0112	0.0012	0.0038	1.9024	1.0857	-0.0675	-0.0242	-0.0235	1.7952	1.7440								
		12	0.0056	0.0021	0.0012															
791	2	10	0.900	-0.04	-0.00	0.5904	1.8384	0.0019	0.0003	0.0009	0.9069	2.3573								
		11	0.0099	0.0011	0.0036	1.7713	0.6768	0.0094	0.0033	0.0022	1.7876	1.2076								
		12	0.0068	0.0024	0.0009															
791	3	10	0.900	0.98	-0.00	0.5147	1.7270	0.0286	0.0097	0.0096	1.7069	1.6829								
		11	0.0088	0.0009	0.0030	1.8912	0.4885	0.0344	0.0124	0.0107	1.8004	1.5620								
		12	0.0047	0.0017	0.0004															
791	4	10	0.901	3.10	-0.00	0.3448	1.3375	0.0859	0.0304	0.0289	1.7687	1.6834								
		11	0.0090	0.0006	0.0024	1.9940	0.1851	0.0870	0.0314	0.0287	1.8047	1.6515								
		12	0.0041	0.0016	0.0001															
791	5	10	0.900	6.19	-0.00	0.2361	1.5288	0.1865	0.0624	0.0643	1.6740	1.7240								
		11	0.0079	0.0003	0.0024	1.8891	0.0022	0.1864	0.0631	0.0645	1.6924	1.7307								
		12	0.0047	0.0017	0.0000															
791	6	10	0.901	9.29	-0.00	-1.6002	1.8453	0.3181	0.0939	0.1127	1.4764	1.7724								
		11	0.0040	-0.0013	0.0015	1.7304	0.4648	0.3129	0.0931	0.1115	1.4882	1.7820								
		12	0.0066	0.0022	0.0006															
791	7	10	0.900	12.46	0.00	-2.0198	1.8079	0.4238	0.0694	0.1490	0.8197	1.7587								
		11	0.0029	-0.0011	0.0010															

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																					
791	8	12	0.0049	0.0016	-0.0001	1.7015	-0.1528	0.4278	0.0725	0.1511	0.8484	1.7660											
			0.900	-0.04	-0.00																		
			0.0099	0.0011	0.0033	0.5864	1.6844	0.0027	0.0006	0.0014	1.1135	2.5647											
			0.0056	0.0021	0.0007	1.9005	0.6747	0.0094	0.0033	0.0021	1.7879	1.1259											
792	1	10	0.902	-3.11	-0.00																		
			0.0111	0.0012	0.0039	0.5804	1.7673	-0.0701	-0.0252	-0.0238	1.7993	1.7004											
			0.0058	0.0022	0.0010	1.9424	0.9135	-0.0600	-0.0208	-0.0210	1.7325	1.7556											
792	2	10	0.899	-0.06	-0.00																		
			0.0086	0.0007	0.0033	0.4574	1.9481	0.0121	0.0037	0.0032	1.5447	1.3457											
			0.0064	0.0024	0.0010	1.8702	0.8336	0.0207	0.0074	0.0050	1.8013	1.2043											
792	3	10	0.899	0.99	-0.00																		
			0.0074	0.0005	0.0028	0.3508	1.9357	0.0360	0.0125	0.0118	1.7430	1.6412											
			0.0072	0.0026	0.0010	1.8454	0.7438	0.0416	0.0152	0.0124	1.8346	1.4916											
792	4	10	0.899	3.07	-0.00																		
			0.0071	0.0001	0.0021	0.0787	1.4818	0.0865	0.0311	0.0290	1.8019	1.6011											
			0.0068	0.0024	0.0006	1.7707	0.4502	0.0911	0.0334	0.0296	1.8356	1.6282											
792	5	10	0.898	6.15	-0.00																		
			0.0094	0.0008	0.0028	0.4712	1.5190	0.1924	0.0645	0.0661	1.6777	1.7191											
			0.0039	0.0015	0.0001	1.9387	0.1951	0.1901	0.0643	0.0658	1.6911	1.7323											
792	6	10	0.899	9.27	-0.00																		
			0.0041	-0.0013	0.0016	-1.5932	2.0316	0.3213	0.0948	0.1140	1.4753	1.7743											
			0.0053	0.0019	0.0001	1.8078	0.1464	0.3161	0.0935	0.1127	1.4803	1.7831											
792	7	10	0.900	12.45	0.00																		
			0.0037	-0.0006	0.0013	-0.8682	1.8007	0.4246	0.0688	0.1492	0.8110	1.7577											
			0.0057	0.0017	0.0003	1.5394	0.2671	0.4280	0.0725	0.1511	0.8469	1.7650											
792	8	10	0.900	-0.07	-0.00																		
			0.0094	0.0010	0.0033	0.5548	1.7861	0.0126	0.0040	0.0037	1.5962	1.4885											
			0.0060	0.0021	0.0006	1.7874	0.5079	0.0199	0.0074	0.0050	1.8530	1.2592											
793	6	10	0.599	-3.12	-0.00																		
			0.0059	0.0001	0.0030	0.1198	2.5846	-0.0640	-0.0225	-0.0213	1.7617	1.6641											
			-0.0006	0.0003	-0.0002	-2.7255	2.0569	-0.0560	-0.0194	-0.0193	1.7357	1.7271											
793	7	10	0.601	-0.05	-0.00																		

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
793	A	11	0.0065	0.0007	0.0032	0.3819	2.4581	0.0058	0.0021	0.0022	1.8797	1.9571									
		12	0.0008	0.0007	-0.0004	4.0692	-2.3554	0.0164	0.0064	0.0045	1.9720	1.3858									
793	9	10	0.601	1.00	-0.00	0.5353	2.5198	0.0300	0.0109	0.0106	1.8164	1.7744									
		11	0.0069	0.0011	0.0004	2.2715	0.8192	0.0371	0.0138	0.0121	1.8604	1.6389									
793	10	10	0.599	3.06	-0.00	-0.3824	2.4735	0.0775	0.0277	0.0267	1.7883	1.7271									
		11	0.0045	-0.0003	0.0022	3.0290	0.5148	0.0828	0.0302	0.0278	1.8272	1.6825									
793	11	10	0.598	6.18	-0.00	-0.8277	3.0045	0.1716	0.0566	0.0604	1.6506	1.7602									
		11	0.0034	-0.0005	0.0021	0.7200	4.0692	0.1759	0.0583	0.0615	1.6585	1.7492									
793	12	10	0.600	9.28	-0.00	-1.7499	3.2400	0.2718	0.0765	0.0973	1.4079	1.7912									
		11	0.0030	-0.0010	0.0019	1.2635	2.7371	0.2731	0.0766	0.0985	1.4028	1.6049									
793	13	10	0.599	12.45	-0.00	-1.1530	3.7563	0.3953	0.0809	0.1434	1.0236	1.8143									
		11	0.0029	-0.0006	0.0022	1.7566	0.0024	0.3893	0.0810	0.1423	1.0411	1.8282									
793	1	10	0.599	-0.03	-0.00	0.4378	2.3773	0.0079	0.0031	0.0032	1.9537	2.0551									
		11	0.0070	0.0006	0.0033	2.9977	-0.8765	0.0168	0.0065	0.0045	1.9338	1.3596									
794	2	10	0.599	-3.11	-0.00	0.7240	2.1599	-0.0714	-0.0252	-0.0234	1.7684	1.6452									
		11	0.0100	0.0014	0.0043	4.6167	2.2036	-0.0631	-0.0219	-0.0214	1.7412	1.6995									
794	3	10	0.598	-0.01	-0.00	0.4378	2.3773	0.0005	0.0003	0.0007	3.1690	6.4896									
		11	0.0070	0.0006	0.0033	2.6636	0.7967	0.0067	0.0028	0.0016	2.1544	1.2486									
794	4	10	0.598	1.02	-0.00	0.4378	2.3773	0.0266	0.0098	0.0101	1.8402	1.9019									
		11	0.0070	0.0006	0.0033	4.0692	-2.3554	0.0343	0.0126	0.0111	1.8416	1.6214									
794	1760	10	0.597	3.13	-0.00	-1.6762	3.1315	0.0826	0.0293	0.0287	1.7770	1.7327									
		11	0.0024	-0.0008	0.0015	0.6185	3.5188	0.0856	0.0308	0.0287	1.8029	1.6774									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt. Cd

← See Key →

794	5	10 11 12	0.599 0.0048 0.0013	6.18 -0.0003 0.0005	-0.0022 0.0022 0.0000	-0.3611 2.2627 0.0017	0.1677 0.1677 0.1677	0.0555 0.0555 0.0561	0.0590 0.0590 0.0585	1.6555 1.6555 1.6743	1.7598 1.7598 1.7452
794	6	10 11 12	0.599 0.0041 0.0006	9.29 -0.0005 0.0003	-0.0019 0.0019 -0.0004	-0.7153 2.9436 -3.3609	0.2689 0.2658 0.2658	0.0762 0.0762 0.0762	0.0961 0.0959 0.0959	1.4176 1.4332 1.4332	1.7871 1.8054 1.8054
794	7	10 11 12	0.599 0.0021 0.0004	12.43 -0.0011 0.0002	-0.0018 0.0018 -0.0011	-2.6756 4.1554 -11.5163	0.3898 0.3882 0.3882	0.0817 0.0808 0.0808	0.1409 0.1417 0.1417	1.0481 1.0409 1.0409	1.8074 1.8250 1.8250
794	8	10 11 12	0.598 0.0060 0.0003	-0.05 0.0003 0.0006	-0.0005 0.0028 -0.0005	0.3102 2.3210 7.9797	0.0029 0.0105 0.0105	0.0012 0.0042 0.0042	0.0022 0.0030 0.0030	2.1185 2.0138 2.0138	3.8183 1.4534 1.4534
795	1	10 11 12	0.598 0.0088 -0.0010	-3.07 0.0011 0.0003	-0.000 0.0040 0.0000	0.6237 2.3027 -0.0014	-0.0756 -0.0636 -0.0636	-0.0265 -0.0222 -0.0217	-0.0247 -0.0217 -0.0217	1.7581 1.7489 1.7489	1.6336 1.7114 1.7114
795	2	10 11 12	0.599 0.0081 0.0000	-0.01 0.0011 0.0006	-0.000 0.0037 -0.0002	0.6718 2.3117 78.5938	-0.0035 0.0061 0.0061	-0.0011 0.0027 0.0027	-0.0000 0.0019 0.0019	1.6248 2.2418 2.2418	0.0029 1.5828 1.5828
795	3	10 11 12	0.598 0.0065 0.0005	1.02 0.0005 0.0004	-0.000 0.0032 -0.0005	0.3819 2.4581 4.8263	0.0208 0.0306 0.0306	0.0076 0.0111 0.0111	0.0084 0.0100 0.0100	1.8308 1.8234 1.8234	2.0266 1.6378 1.6378
795	4	10 11 12	0.598 0.0077 0.0001	3.08 0.0008 0.0004	-0.000 0.0033 -0.0005	0.5473 2.1592 13.1737	0.0734 0.0798 0.0798	0.0263 0.0287 0.0287	0.0256 0.0268 0.0268	1.7934 1.8016 1.8016	1.7429 1.6823 1.6823
795	5	10 11 12	0.598 0.0039 0.0008	6.21 -0.0003 0.0004	-0.000 0.0022 -0.0005	-0.4353 2.8795 -3.3609	0.1669 0.1707 0.1707	0.0552 0.0569 0.0569	0.0590 0.0598 0.0598	1.6541 1.6689 1.6689	1.7682 1.7514 1.7514
795	6	10 11 12	0.597 0.0041 0.0001	9.30 -0.0005 0.0002	-0.000 0.0025 -0.0005	-0.6931 3.0467 10.8981	0.2653 0.2646 0.2646	0.0756 0.0760 0.0760	0.0954 0.0957 0.0957	1.4248 1.4364 1.4364	1.7986 1.8095 1.8095
795	7	10 11 12	0.597 0.0026 -0.0033	12.46 -0.0009 -0.0008	-0.000 0.0022 -0.0018	-1.7816 4.3257 1.3142	0.3937 0.3931 0.3931	0.0809 0.0808 0.0808	0.1428 0.1437 0.1437	1.0274 1.0280 1.0280	1.8136 1.8278 1.8278

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key													
795	8	10	0.598	-0.003	-0.000	0.3165	2.5526	0.0005	0.0003	0.0014	3.3548	13.9713				
		11	0.0060	0.0016	0.0030	2.2325	0.9604	0.0052	0.0024	0.0015	2.2930	1.4503				
		12	0.0036	0.0007	0.0007											
796	1	10	0.599	-3.09	-0.00	0.7308	2.4318	-0.0775	-0.0272	-0.0255	1.7551	1.6450				
		11	0.0092	0.0013	0.0044	4.3800	1.4195	-0.0680	-0.0237	-0.0232	1.7489	1.7091				
		12	0.0014	0.0012	0.0004											
796	2	10	0.599	-0.00	-0.00	0.6374	2.2851	-0.0089	-0.0028	-0.0012	1.6028	0.7198				
		11	0.0076	0.0009	0.0035	6.4920	-2.5146	0.0007	0.0008	0.0004	5.8120	2.9603				
		12	0.0005	0.0007	-0.0002											
796	3	10	0.599	0.99	-0.00	0.2388	2.6648	0.0160	0.0065	0.0077	1.8140	2.1299				
		11	0.0055	0.0002	0.0029	3.0275	0.4500	0.0227	0.0085	0.0076	1.8781	1.6823				
		12	0.0015	0.0009	0.0001											
796	4	10	0.599	3.10	-0.00	0.3590	2.2419	0.0734	0.0261	0.0258	1.7823	1.7598				
		11	0.0068	0.0004	0.0030	0.2818	4.0134	0.0776	0.0280	0.0262	1.8062	1.6918				
		12	-0.0013	-0.0000	-0.0011											
796	5	10	0.600	6.19	-0.00	-1.2920	3.9441	0.1658	0.0549	0.0581	1.6572	1.7540				
		11	0.0026	-0.0006	0.0021	-4.7568	-6.7068	0.1649	0.0554	0.0578	1.6815	1.7529				
		12	0.0005	0.0004	-0.0006											
796	6	10	0.600	9.28	-0.00	-1.7589	3.0096	0.2707	0.0764	0.0970	1.4125	1.7915				
		11	0.0030	-0.0010	0.0018	0.8592	4.8238	0.2695	0.0766	0.0974	1.4212	1.8066				
		12	-0.0017	-0.0002	-0.0016											
796	7	10	0.600	12.43	-0.00	-0.7042	2.7095	0.3871	0.0809	0.1403	1.0449	1.8130				
		11	0.0041	-0.0005	0.0022	0.5353	4.3802	0.3852	0.0806	0.1410	1.0464	1.8303				
		12	-0.0022	-0.0004	-0.0019	0.1917	2.5198	-0.0015	-0.0027	-0.0014	3.5149	0.7893				
796	8	10	0.599	-0.03	-0.00	0.7843	2.0164	-0.0764	-0.0268	-0.0247	1.7558	1.6184				
		11	0.0069	0.0007	0.0035	10.5078	1.7584	-0.0670	-0.0235	-0.0229	1.7551	1.7086				
		12	-0.0020	-0.0000	-0.0009											
797	1	10	0.598	-3.07	-0.00	0.2950	2.3143	-0.0139	-0.0045	-0.0024	1.6153	0.8777				
		11	0.0108	0.0016	0.0043	-0.0818	1.7853	-0.0070	-0.0019	-0.0018	1.5643	1.2808				
		12	0.0003	0.0008	0.0001											
797	2	10	0.598	-0.01	-0.00	0.0029	2.3143	-0.0139	-0.0045	-0.0024	1.6153	0.8777				
		11	0.0063	0.0000	0.0029	-0.0818	1.7853	-0.0070	-0.0019	-0.0018	1.5643	1.2808				
		12	-0.0015	0.0000	-0.0005											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key														
797	3	10	0.598	1.002	-0.009	0.2229	2.5191	0.0052	0.0023	0.0057	2.1889	4.6181					
			0.0058	0.0002	0.0029	-2.6272	8.2879	0.0125	0.0051	0.0048	2.0340	2.2726					
			-0.0005	0.0006	-0.0008	0.5449	2.0691	0.0656	0.0235	0.0233	1.7947	1.7753					
797	4	10	0.598	3.12	-0.00	4.3668	-3.0215	0.0700	0.0253	0.0235	1.8103	1.6788					
			0.0077	0.0006	0.0032	0.8277	3.0045	0.1616	0.0541	0.0569	1.6744	1.7604					
			0.0006	0.0006	-0.0004	0.9564	3.0223	0.1646	0.0552	0.0570	1.6770	1.7320					
797	5	10	0.598	6.21	-0.00	-0.8277	3.0045	0.1616	0.0541	0.0569	1.6744	1.7604					
			0.0035	-0.0005	0.0021	0.9564	3.0223	0.1646	0.0552	0.0570	1.6770	1.7320					
			-0.0027	-0.0005	-0.0016	-1.6127	3.3758	0.2688	0.0765	0.0962	1.4229	1.7908					
797	6	10	0.598	9.31	-0.00	-2.2876	18.2547	0.2681	0.0765	0.0968	1.4272	1.8061					
			0.0029	0.0009	0.0019	-2.0451	4.3220	0.3970	0.0812	0.1435	1.0227	1.8073					
			-0.0003	0.0001	-0.0012	1.3498	3.2075	0.3923	0.0809	0.1430	1.0319	1.8223					
797	7	10	0.598	12.43	-0.00	-2.0451	4.3220	0.3970	0.0812	0.1435	1.0227	1.8073					
			0.0022	-0.0009	0.0019	0.9334	2.0056	-0.0177	-0.0056	-0.0040	1.5919	1.1347					
			-0.0028	-0.0007	-0.0018	4.8021	0.6286	-0.0161	-0.0028	-0.0023	1.3943	1.1587					
797	8	10	0.598	-0.00	-0.00	0.0113	2.3162	-0.0764	-0.0269	-0.0249	1.7603	1.6333					
			0.0101	0.0016	0.0040	-0.0761	1.5890	-0.0703	-0.0244	-0.0237	1.7338	1.6845					
			0.0011	0.0010	0.0001	0.5046	2.2165	-0.0184	-0.0061	-0.0041	1.5522	1.1258					
79A	1	10	0.598	3.03	-0.00	78.5938	-36.3143	-0.0134	-0.0040	-0.0035	1.5125	1.3547					
			0.0054	0.0000	0.0025	0.5680	2.0640	-0.0000	0.0004	0.0038	33.6943	11.8277					
			-0.0022	0.0000	-0.0007	3.0384	0.9066	0.0014	0.0013	0.0034	4.5076	11.8277					
79A	2	10	0.599	0.01	-0.00	0.3704	2.0306	0.0666	0.0237	0.0232	1.7843	1.7807					
			0.0072	0.0007	0.0032	-1.9210	11.0522	0.0689	0.0248	0.0237	1.8053	1.6850					
			0.0000	0.0006	-0.0002	-0.4017	2.8270	0.1531	0.0515	0.0540	1.6831	1.7627					
79A	3	10	0.598	1.06	-0.00	-2.4274	-0.8115	0.1553	0.0527	0.0540	1.6831	1.7627					
			0.0074	0.0008	0.0030	0.4017	2.8270	0.1531	0.0515	0.0540	1.6831	1.7627					
			0.0015	0.0009	0.0002	-0.0008	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002					
79A	4	10	0.598	3.13	-0.00	0.3704	2.0306	0.0666	0.0237	0.0232	1.7843	1.7807					
			0.0065	0.0004	0.0026	-1.9210	11.0522	0.0689	0.0248	0.0237	1.8053	1.6850					
			-0.0003	0.0001	-0.0008	-0.4017	2.8270	0.1531	0.0515	0.0540	1.6831	1.7627					
79A	5	10	0.598	6.21	-0.00	-2.4274	-0.8115	0.1553	0.0527	0.0540	1.6831	1.7627					
			0.0042	-0.0003	0.0023	0.4017	2.8270	0.1531	0.0515	0.0540	1.6831	1.7627					
			0.0017	0.0008	-0.0002	-0.0008	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002					

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
798	6	10	0.598	9.28	-0.0019	-1.1066	2.6215	0.2650	0.0760	0.0950	1.4354	1.7921								
		11	0.0037	-0.0008	0.0014	1.4059	2.9753	0.2675	0.0766	0.0963	1.4331	1.7998								
		12	-0.0023	-0.0006	-0.0014	-1.1066	2.9753	0.2675	0.0766	0.0963	1.4331	1.7998								
79A	7	10	0.598	12.48	-0.0014	-2.7177	3.2027	0.3953	0.0812	0.1436	1.0279	1.8166								
		11	0.0021	-0.0011	0.0011	1.6335	4.1855	0.3935	0.0810	0.1434	1.0292	1.8221								
		12	-0.0013	-0.0004	-0.0011	-2.7177	4.1855	0.3935	0.0810	0.1434	1.0292	1.8221								
798	8	10	0.598	0.02	-0.0002	0.2754	2.0982	-0.0213	-0.0070	-0.0048	1.6505	1.1457								
		11	0.0066	0.0003	0.0028	0.4312	2.5031	-0.0103	-0.0029	-0.0027	1.4234	1.3428								
		12	-0.0022	-0.0001	-0.0011	0.2754	2.5031	-0.0103	-0.0029	-0.0027	1.4234	1.3428								
799	1	10	0.599	-3.00	-0.0004	0.5260	2.1603	-0.0833	-0.0293	-0.0271	1.7603	1.6274								
		11	0.0081	0.0008	0.0035	0.5260	2.1603	-0.0833	-0.0293	-0.0271	1.7603	1.6274								
		12	-0.0017	0.0001	-0.0004	-0.4156	1.2302	-0.0737	-0.0256	-0.0251	1.7400	1.7026								
799	2	10	0.598	0.03	-0.0002	0.7244	2.1738	-0.0164	-0.0054	-0.0037	1.6543	1.1395								
		11	0.0084	0.0012	0.0036	0.7244	2.1738	-0.0164	-0.0054	-0.0037	1.6543	1.1395								
		12	-0.0010	0.0001	-0.0005	-0.6764	2.6681	-0.0111	-0.0032	-0.0031	1.4635	1.4238								
799	3	10	0.599	1.0A	-0.0002	0.4777	3.2874	-0.0074	-0.0023	0.0009	1.5460	-0.6645								
		11	0.0064	0.0006	0.0029	0.4777	3.2874	-0.0074	-0.0023	0.0009	1.5460	-0.6645								
		12	-0.0012	0.0000	-0.0008	-0.1294	3.4360	-0.0026	-0.0002	0.0011	0.4522	-2.0705								
799	4	10	0.599	3.14	-0.0002	0.3676	1.9234	0.0501	0.0172	0.0200	1.7225	1.8668								
		11	0.0065	0.0004	0.0025	0.3676	1.9234	0.0501	0.0172	0.0200	1.7225	1.8668								
		12	-0.0039	-0.0010	-0.0015	1.2906	1.9758	0.0583	0.0206	0.0200	1.7677	1.7146								
799	5	10	0.599	6.22	-0.0002	0.5473	3.1592	0.1537	0.0517	0.0538	1.6846	1.7523								
		11	0.0077	0.0008	0.0033	0.5473	3.1592	0.1537	0.0517	0.0538	1.6846	1.7523								
		12	-0.0011	0.0000	-0.0012	-0.1833	5.3052	0.1568	0.0531	0.0547	1.6946	1.7463								
799	6	10	0.599	9.28	-0.0004	-1.8448	2.7126	0.2643	0.0758	0.0943	1.4342	1.7935								
		11	0.0025	-0.0009	0.0013	-2.9436	-3.3609	0.2613	0.0758	0.0943	1.4342	1.7935								
		12	0.0006	-0.0003	-0.0004	-1.8448	-3.3609	0.2613	0.0758	0.0943	1.4342	1.7935								
799	7	10	0.599	12.45	-0.0006	6.3241	6.3241	0.3857	0.0816	0.1397	1.0580	1.8116								
		11	0.0005	-0.0017	0.0006	-16.2854	2.9489	0.3851	0.0813	0.1404	1.0559	1.8233								
		12	-0.0028	-0.0007	-0.0016	1.3513	2.9489	0.3851	0.0813	0.1404	1.0559	1.8233								
799	8	10	0.599	0.05	-0.0003	0.7690	2.0091	-0.0173	-0.0056	-0.0038	1.6219	1.1138								
		11	0.0094	0.0014	0.0037	0.7690	2.0091	-0.0173	-0.0056	-0.0038	1.6219	1.1138								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																			
801	3	12	-0.0001	0.0004	-0.0004	-16.5051	14.1050	-0.0121	-0.0034	-0.0035	1.4329	1.4779								
			1.251	-3.17	-0.00															
			0.0063	0.0013	0.0032	1.0820	2.5744	-0.0704	-0.0263	-0.0230	1.8714	1.6333								
			0.0084	0.0046	0.0020	2.7661	1.1947	-0.0638	-0.0214	-0.0221	1.6777	1.7329								
801	4	10	1.250	-0.08	-0.00	1.0559	2.8868	0.0136	0.0042	0.0043	1.5488	1.5941								
			0.0046	0.0009	0.0027	2.2629	1.0096	0.0163	0.0077	0.0035	2.3575	1.0921								
			0.0111	0.0050	0.0022															
801	5	10	1.251	1.00	-0.00	0.5522	3.1704	0.0388	0.0134	0.0131	1.7346	1.6935								
			0.0037	0.0004	0.0023	1.9437	1.1557	0.0365	0.0161	0.0110	2.2011	1.5068								
			0.0121	0.0047	0.0028															
801	6	10	1.251	3.08	-0.00	0.7396	2.7847	0.0927	0.0305	0.0317	1.6454	1.7123								
			0.0040	0.0005	0.0022	1.8689	1.0847	0.0890	0.0333	0.0291	1.8713	1.6355								
			0.0114	0.0042	0.0024															
801	7	10	1.251	6.22	-0.00	0.5419	6.9794	0.1956	0.0525	0.0678	1.3424	1.7338								
			0.0012	0.0001	0.0016	2.2382	1.1963	0.1844	0.0547	0.0636	1.4829	1.7254								
			0.0126	0.0056	0.0030															
801	8	10	1.250	9.35	-0.00	2.0655	-1.2106	0.3113	0.0685	0.1103	1.1017	1.7715								
			-0.0033	-0.0013	0.0008	2.4615	1.0654	0.2967	0.0700	0.1047	1.1802	1.7639								
			0.0094	0.0046	0.0020															
801	9	10	1.252	12.60	-0.00	1.4094	0.2566	0.4249	0.0808	0.1514	0.9512	1.7820								
			-0.0082	-0.0023	-0.0004	2.3342	1.1250	0.4094	0.0809	0.1459	0.9879	1.7817								
			0.0099	0.0046	0.0022															
801	10	10	1.250	-0.07	-0.00	0.1082	2.8035	0.0158	0.0045	0.0047	1.4508	1.4865								
			0.0058	0.0001	0.0032	1.8364	1.1155	0.0169	0.0076	0.0036	2.2429	1.0863								
			0.0111	0.0040	0.0024															
802	3	10	1.250	-3.14	-0.00	0.4632	2.4621	-0.0740	-0.0276	-0.0242	1.8663	1.6612								
			0.0075	0.0006	0.0037	2.1243	1.1952	-0.0695	-0.0236	-0.0242	1.7016	1.7398								
			0.0094	0.0040	0.0022															
802	4	10	1.250	-0.05	-0.00	0.4089	2.5149	0.0042	0.0004	0.0018	0.4794	2.1476								
			0.0073	0.0006	0.0037	1.8273	1.2082	0.0068	0.0036	0.0010	2.6772	2.1476								
			0.0116	0.0042	0.0028															
802	5	10	1.251	1.01	-0.00															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	←	→	See Key	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→	←	→																		
802	6	11	0.0059	0.0000	0.0031	0.0213	2.6624	0.0307	0.0104	0.0107	1.6952	1.7503	12	0.0115	0.0033	0.0027	1.4724	0.0315	0.0130	0.0092	2.0674	1.4654	803	1	11	1.250	3.15	-0.00	1.0503	2.6478	0.0892	0.0297	0.0301	1.6671	1.6922	12	0.0046	0.0009	0.0024	1.7867	0.0842	0.0313	0.0273	1.8597	1.6239
	7	10	1.250	6.26	-0.00	-0.3370	8.8190	0.1920	0.0518	0.0667	1.3501	1.7379	11	0.0008	0.0000	0.0015	1.8586	0.1820	0.0536	0.0627	1.4738	1.7223		12	0.0119	0.0044	0.0028	1.1764	0.1820	0.0536	0.0627	1.4738	1.7223												
802	8	10	1.250	9.41	-0.00	2.3737	-0.9358	0.3092	0.0678	0.1093	1.0967	1.7685	11	0.0036	-0.0017	0.0006	2.2853	0.2932	0.0698	0.1031	1.1905	1.7584	12	0.0114	0.0052	0.0025	1.1318	0.2932	0.0698	0.1031	1.1905	1.7584													
	9	10	1.249	12.63	-0.00	1.5929	0.3282	0.4238	0.0806	0.1509	0.9509	1.7800	11	0.0081	-0.0026	0.0005	2.2972	0.4098	0.0809	0.1458	0.9874	1.7789	12	0.0105	0.0048	0.0023	1.1184	0.4098	0.0809	0.1458	0.9874	1.7789													
	10	10	1.250	-0.02	-0.00	0.3523	2.5700	0.0040	0.0003	0.0017	0.3831	2.0874	11	0.0071	0.0005	0.0036	1.8365	0.0071	0.0037	0.0010	2.5882	0.6956	12	0.0110	0.0040	0.0025	1.1671	0.0071	0.0037	0.0010	2.5882	0.6956													
803	1	10	1.250	3.11	-0.00	0.4501	2.5250	-0.0774	-0.0287	-0.0255	1.8526	1.6470	11	0.0077	0.0006	0.0039	2.0870	-0.0715	-0.0244	-0.0250	1.7113	1.7546	12	0.0106	0.0044	0.0025	1.2107	-0.0715	-0.0244	-0.0250	1.7113	1.7546													
	2	10	1.250	-0.04	-0.00	0.3650	2.5841	0.0003	-0.0008	0.0009	-13.6798	14.1721	11	0.0069	0.0005	0.0035	1.7483	0.0027	0.0022	-0.0002	4.1328	-0.3996	12	0.0121	0.0042	0.0030	1.2515	0.0027	0.0022	-0.0002	4.1328	-0.3996													
	3	10	1.249	1.02	-0.00	0.1298	3.1186	0.0275	0.0090	0.0095	1.6536	1.7435	11	0.0050	0.0001	0.0031	1.7534	0.0275	0.0113	0.0080	2.0685	1.4563	12	0.0115	0.0040	0.0028	1.2142	0.0275	0.0113	0.0080	2.0685	1.4563													
803	4	10	1.250	3.15	-0.00	0.3932	3.3061	0.0856	0.0286	0.0289	1.6705	1.6862	11	0.0040	0.0003	0.0027	1.6016	0.0824	0.0303	0.0266	1.8394	1.6176	12	0.0109	0.0035	0.0028	1.2907	0.0824	0.0303	0.0266	1.8394	1.6176													
	5	10	1.249	6.29	-0.00	6.8688	-19.3196	0.1910	0.0518	0.0663	1.3564	1.7369	11	0.0003	-0.0005	0.0014	1.7359	0.1824	0.0537	0.0625	1.4729	1.7142	12	0.0115	0.0040	0.0026	1.1307	0.1824	0.0537	0.0625	1.4729	1.7142													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
803	6	10	1.251	9.42	-0.0008	-0.0000	2.2458	-0.9834	0.3096	0.0678	0.1092	0.1035	1.0947	1.7642						
			-0.0041	-0.0018	0.0023	2.1386	1.1307	0.2946	0.0699	0.1035	1.1876	1.7573								
			0.0105	0.0044	0.0023	1.5958	0.3058	0.4235	0.0803	0.1506	0.9483	1.7783								
803	7	10	1.251	12.62	-0.0000	-0.0000	1.5958	1.1571	0.4101	0.0809	0.1458	0.9868	1.7784							
			-0.0087	-0.0028	0.0024	2.0866	1.2065	0.0022	0.0000	0.0013	-0.0964	3.0866								
			0.0107	0.0044	0.0024	1.6579	1.2065	0.0023	0.0022	-0.0003	-0.0964	3.0866								
803	8	10	1.250	-0.04	-0.0000	-0.0000	0.1772	2.7071	0.0022	-0.0000	0.0013	-0.0003	-0.0964	3.0866						
			0.0062	0.0002	0.0033	1.6579	1.2065	0.0023	0.0022	-0.0003	-0.0964	3.0866								
			0.0131	0.0043	0.0031	0.3425	2.6318	-0.0805	-0.0293	-0.0268	1.8219	1.6668								
804	1	10	1.250	-3.11	-0.0000	-0.0000	1.9120	1.3527	-0.0755	-0.0255	-0.0262	1.6904	1.7385							
			0.0075	0.0005	0.0039	0.3425	2.6318	-0.0805	-0.0293	-0.0268	1.8219	1.6668								
			0.0104	0.0039	0.0028	1.6969	1.2039	-0.0048	-0.0004	-0.0023	2.7031	0.8263								
804	2	10	1.250	-0.03	-0.0000	-0.0000	0.2291	2.6065	-0.0048	-0.0026	-0.0008	-0.0023	2.7031	0.8263						
			0.0069	0.0003	0.0036	1.6969	1.2039	-0.0048	-0.0004	-0.0023	2.7031	0.8263								
			0.0117	0.0039	0.0028	0.0248	2.7829	0.0179	0.0053	0.0069	1.4784	1.9455								
804	3	10	1.250	1.05	-0.0000	-0.0000	0.0248	2.7829	0.0179	0.0053	0.0069	1.4784	1.9455							
			0.0056	0.0000	0.0031	1.5133	1.1894	0.0190	0.0078	0.0055	2.0489	1.4820								
			0.0118	0.0035	0.0028	0.0312	3.0052	0.0828	0.0278	0.0279	1.6818	1.6868								
804	4	10	1.251	3.14	-0.0000	-0.0000	1.3798	1.2330	0.0785	0.0287	0.0253	1.8305	1.6117							
			0.0041	0.0000	0.0024	2.2676	-5.9448	0.1886	0.0516	0.0655	1.3680	1.7386								
			0.0132	0.0036	0.0032	1.6755	1.1102	0.1808	0.0536	0.0617	1.4842	1.7083								
804	5	10	1.250	6.31	-0.0000	-0.0000	1.7863	-0.1164	0.3093	0.0679	0.1090	0.1038	1.0977	1.7629						
			0.0011	-0.0005	0.0013	2.1252	1.1480	0.2953	0.0700	0.1038	1.1860	1.7576								
			0.0127	0.0042	0.0028	1.5860	0.4769	0.4234	0.0804	0.1504	0.9495	1.7766								
804	6	10	1.251	9.44	-0.0000	-0.0000	2.0647	1.2001	0.4104	0.0809	0.1457	0.9858	1.7750							
			0.0057	-0.0020	0.0023	1.6227	1.2592	-0.0048	-0.0028	-0.0011	2.5967	1.0597								
			0.0103	0.0043	0.0023	0.1039	2.7775	-0.0054	-0.0004	-0.0023	2.4723	2.4070								
804	7	10	1.250	12.64	-0.0000	-0.0000	0.1039	2.7775	-0.0054	-0.0028	-0.0011	2.4723	2.4070							
			0.0103	-0.0032	-0.0009	1.6227	1.2592	-0.0048	-0.0028	-0.0011	2.4723	2.4070								
			0.0112	0.0046	0.0027	0.1039	2.7775	-0.0054	-0.0028	-0.0011	2.4723	2.4070								
804	8	10	1.250	0.00	-0.0000	-0.0000	0.1039	2.7775	-0.0054	-0.0028	-0.0011	2.4723	2.4070							
			0.0060	0.0001	0.0033	0.1039	2.7775	-0.0054	-0.0028	-0.0011	2.4723	2.4070								
			0.0116	0.0037	0.0029	0.1039	2.7775	-0.0054	-0.0028	-0.0011	2.4723	2.4070								

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
805	1	10	1.249	-3.08	0.000	0.6445	2.4686	-0.0827	-0.0298	-0.0278	1.8035	1.6842									
		11	0.0084	0.0010	0.0041	1.9757	1.3798	-0.0788	-0.0267	-0.0277	1.6930	1.7574									
		12	0.0110	0.0043	0.0030																
805	2	10	1.249	0.00	-0.00	0.1924	2.7537	-0.0141	-0.0057	-0.0034	2.0363	1.2165									
		11	0.0057	0.0002	0.0031	1.5520	1.3004	-0.0145	-0.0040	-0.0053	1.3788	1.8279									
		12	0.0121	0.0037	0.0031																
805	3	10	1.249	1.08	-0.00	0.4509	2.8704	0.0068	0.0017	0.0045	1.2482	3.3519									
		11	0.0056	0.0005	0.0032	1.5191	1.1808	0.0055	0.0032	0.0025	2.9034	2.3031									
		12	0.0123	0.0037	0.0029																
805	4	10	1.250	3.20	-0.00	0.2211	2.8416	0.0755	0.0256	0.0256	1.6997	1.7008									
		11	0.0049	0.0002	0.0028	1.3555	1.2547	0.0729	0.0266	0.0231	1.8276	1.5847									
		12	0.0121	0.0032	0.0030																
805	5	10	1.250	6.34	-0.00	0.4435	-4.4297	0.1870	0.0516	0.0645	1.3817	1.7243									
		11	-0.0015	-0.0001	0.0013	1.7704	1.1980	0.1774	0.0529	0.0604	1.4918	1.7024									
		12	0.0117	0.0041	0.0028																
805	6	10	1.250	9.47	-0.00	1.9399	0.2195	0.3062	0.0672	0.1080	1.0986	1.7644									
		11	-0.0071	-0.0027	-0.0003	2.1127	1.0721	0.2928	0.0699	0.1027	1.1936	1.7542									
		12	0.0110	0.0046	0.0023																
805	7	10	1.250	12.66	-0.00	1.4289	0.4552	0.4223	0.0802	0.1501	0.9497	1.7776									
		11	-0.0107	-0.0030	-0.0009	2.2001	1.0515	0.4089	0.0806	0.1452	0.9858	1.7764									
		12	0.0112	0.0049	0.0023																
805	8	10	1.250	0.03	-0.00	0.2291	2.6065	-0.0127	-0.0053	-0.0033	2.1145	1.3036									
		11	0.0068	0.0003	0.0035	1.5291	1.2931	-0.0146	-0.0040	-0.0051	1.3965	1.7695									
		12	0.0134	0.0041	0.0034																
806	1	10	1.251	-3.05	-0.00	0.5511	2.4957	-0.0853	-0.0305	-0.0289	1.7907	1.6944									
		11	0.0080	0.0008	0.0040	1.7319	1.4120	-0.0828	-0.0276	-0.0291	1.6691	1.7596									
		12	0.0119	0.0041	0.0033																
806	2	10	1.251	0.04	-0.00	0.2644	2.9326	-0.0181	-0.0071	-0.0049	1.9610	1.3541									
		11	0.0061	0.0003	0.0035	1.2919	1.3415	-0.0198	-0.0059	-0.0068	1.5117	1.7241									
		12	0.0129	0.0033	0.0034																
806	3	10	1.250	1.09	-0.00	0.2166	3.0241	-0.0090	-0.0037	0.0004	2.0503	-0.2486									
		11	0.0051	0.0002	0.0031	1.2716	1.2241	-0.0115	-0.0024	-0.0020	1.0788	-0.9018									
		12	0.0128	0.0032	0.0031																

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
806	4	10	1.251	3.24	-0.0001	0.0026	-0.1884	3.1280	0.0698	0.0238	0.0237	1.7071	1.7023							
		11	0.0042	-0.0001	0.0031	0.0030	1.2248	1.1705	0.0666	0.0243	0.0210	1.0230	1.5767							
		12	0.0129	0.0031	0.0030	-0.0030														
806	5	10	1.252	6.36	-0.0009	0.0030	1.5364	-1.7900	0.1816	0.0504	0.0626	1.3882	1.7254							
		11	-0.0031	-0.0034	0.0034	0.0030	1.3684	1.1981	0.1730	0.0521	0.0587	1.5069	1.6970							
		12	0.0126	0.0034	0.0030	-0.0030														
806	6	10	1.250	9.47	-0.0026	0.0025	1.7031	0.4253	0.3045	0.0670	0.1074	1.1014	1.7645							
		11	-0.0077	-0.0048	0.0048	0.0025	2.0438	1.0937	0.2906	0.0697	0.1018	1.2001	1.7518							
		12	0.0118	0.0048	0.0048	0.0025														
806	7	10	1.252	12.65	-0.0028	0.0024	1.6000	0.4995	0.4197	0.0794	0.1489	0.9463	1.7749							
		11	-0.0087	-0.0041	0.0041	0.0024	1.8529	1.0999	0.4062	0.0806	0.1441	0.9926	1.7742							
		12	0.0113	0.0041	0.0041	0.0024														
806	8	10	1.251	0.05	0.0002	0.0034	0.1620	2.5845	-0.0189	-0.0075	-0.0051	1.9967	1.3707							
		11	0.0067	0.0034	0.0034	0.0032	1.3130	1.2384	-0.0197	-0.0060	-0.0066	1.5323	1.6805							
		12	0.0132	0.0034	0.0034	0.0032														
807	1	10	1.250	-2.98	0.0009	0.0033	0.5926	2.2443	-0.0910	-0.0325	-0.0307	1.7846	1.6858							
		11	0.0082	0.0036	0.0036	0.0033	1.6035	1.4774	-0.0860	-0.0290	-0.0303	1.6854	1.7618							
		12	0.0114	0.0036	0.0036	0.0033														
807	2	10	1.249	0.09	0.0006	0.0039	0.5246	2.9841	-0.0226	-0.0087	-0.0065	1.9287	1.4472							
		11	0.0058	0.0039	0.0039	0.0032	1.4937	1.2369	-0.0250	-0.0075	-0.0086	1.5100	1.7284							
		12	0.0132	0.0039	0.0039	0.0032														
807	3	10	1.250	1.13	0.0001	0.0034	0.1590	3.5457	-0.0179	-0.0064	-0.0036	1.8053	1.0237							
		11	0.0042	0.0034	0.0034	0.0034	1.2173	1.2664	-0.0252	-0.0067	-0.0070	1.3337	1.4035							
		12	0.0138	0.0034	0.0034	0.0034														
807	4	10	1.251	3.24	-0.0010	0.0034	1.0684	2.9814	0.0634	0.0193	0.0218	1.5258	1.7232							
		11	0.0051	0.0034	0.0034	0.0034	1.2866	1.3001	0.0568	0.0182	0.0181	1.6075	1.5955							
		12	0.0134	0.0034	0.0034	0.0034														
807	5	10	1.250	6.35	-0.0006	0.0030	1.1900	-1.7740	0.1790	0.0501	0.0613	1.3995	1.7128							
		11	-0.0025	-0.003A	0.003A	0.0030	1.4756	1.1640	0.1683	0.0512	0.0569	1.5212	1.6918							
		12	0.0130	0.003A	0.003A	0.0030														
17807	6	10	1.251	9.48	-0.0027	0.0003	1.9895	0.2339	0.3003	0.0665	0.1061	1.1083	1.7667							
		11	-0.0068	-0.0027	-0.0003	0.0003														
		12	0.0068	-0.0027	-0.0003	0.0003														

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd																	
807	10	12	0.0110	0.0043	0.0023	1.9739	1.0680	0.2881	0.0693	0.1009	1.2027	1.7519						
	10	10	1.249	12.64	0.00													
	11	11	-0.0136	-0.0040	-0.0029	1.4880	1.0609	0.4193	0.0805	0.1491	0.9626	1.7826						
	12	12	0.0107	0.0052	0.0023	2.4525	1.1063	0.4039	0.0809	0.1438	1.0024	1.7808						
807	11	10	1.252	0.07	-0.00	0.7041	2.4155	-0.0221	-0.0084	-0.0060	1.9043	1.3731						
	11	11	0.0069	0.0009	0.0033	1.2162	1.2067	-0.0251	-0.0071	-0.0085	1.4254	1.6962						
	12	12	0.0111	0.0027	0.0026													
80A	1	10	0.898	-3.02	-0.00	0.6732	1.989A	-0.0890	-0.0332	-0.0299	1.8663	1.6800						
	11	11	0.0107	0.0014	0.0042	2.2786	1.4712	-0.0838	-0.0309	-0.0289	1.8440	1.7234						
	12	12	0.0041	0.0019	0.0012													
80A	2	10	0.901	0.03	-0.00	0.6122	2.2812	-0.0131	-0.0073	-0.0054	1.9193	1.4335						
	11	11	0.0087	0.0010	0.0039	1.9428	0.9797	-0.0160	-0.0054	-0.0050	1.7046	1.5593						
	12	12	0.0039	0.0015	0.0007													
80A	3	10	0.901	1.07	-0.00	0.4325	2.1793	-0.0101	-0.0035	-0.0009	1.7467	0.4658						
	11	11	0.0077	0.0006	0.0033	2.0147	0.7286	-0.0083	-0.0022	-0.0008	1.3530	0.5403						
	12	12	0.0031	0.0012	0.0004													
80A	4	10	0.899	3.15	-0.00	0.5021	2.1201	0.0561	0.0181	0.0206	1.6149	1.8426						
	11	11	0.0079	0.0008	0.0033	2.0766	0.4537	0.0573	0.0188	0.0201	1.6397	1.7540						
	12	12	0.0034	0.0014	0.0003													
80A	5	10	0.901	6.24	-0.00	0.1956	2.2704	0.1731	0.0584	0.0596	1.6866	1.7237						
	11	11	0.0070	0.0002	0.0032	2.4274	-0.8115	0.1719	0.0583	0.0594	1.6979	1.7284						
	12	12	0.0018	0.0009	-0.0003													
80A	6	10	0.900	9.32	-0.00	1.9377	1.02.2556	0.3089	0.0922	0.1099	1.4934	1.7799						
	11	11	0.0000	-0.0020	0.0009													
	12	12	0.0029	0.0011	0.0000													
80A	7	10	0.898	12.48	0.00	13.5099	-2.8293	0.4213	0.0694	0.1484	0.8237	1.7613						
	11	11	-0.0008	-0.0021	0.0004	1.3724	-0.4616	0.4233	0.0723	0.1502	0.8544	1.7745						
	12	12	0.0033	0.0009	-0.0003													
80A	8	10	0.899	0.02	-0.00	0.6385	1.9774	-0.0201	-0.0074	-0.0053	1.8611	1.3289						
	11	11	0.0093	0.0011	0.0036	1.9407	0.5848	-0.0162	-0.0053	-0.0048	1.6497	1.4981						
	12	12	0.0039	0.0015	0.0004													
80A	1	10	0.899	-3.04	-0.00													

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key												
809	2	10	0.0092	0.0009	0.0038	0.5041	2.0781	-0.0902	-0.0334	-0.0298	1.8539	1.6542			
		12	0.0032	0.0015	0.0009	2.3793	1.4375	-0.0811	-0.0296	-0.0277	1.8265	1.7116			
809	3	10	0.899	0.00	-0.00	0.6055	2.0179	-0.0224	-0.0082	-0.0056	1.8374	1.2615			
		11	0.0087	0.0010	0.0035	1.8779	0.4116	-0.0156	-0.0052	-0.0045	1.6693	1.4528			
		12	0.0037	0.0014	0.0003										
809	3	10	0.900	1.06	-0.00	0.4554	2.2827	-0.0099	-0.0034	0.0001	1.7129	-0.0753			
		11	0.0073	0.0006	0.0033	3.0168	0.0005	-0.0059	-0.0014	0.0010	1.1952	-0.9087			
		12	0.0015	0.0009	0.0000										
809	4	10	0.900	3.13	-0.00	0.6657	1.8636	0.0667	0.0220	0.0239	1.6506	1.7939			
		11	0.0098	0.0013	0.0036	1.9333	-1.1270	0.0695	0.0234	0.0233	1.6849	1.6754			
		12	0.0020	0.0007	-0.0004										
809	5	10	0.899	6.21	-0.00	0.0076	2.1874	0.1727	0.0583	0.0597	1.6885	1.7293			
		11	0.0066	0.0000	0.0029	2.0749	0.2270	0.1723	0.0588	0.0598	1.7063	1.7345			
		12	0.0034	0.0014	0.0001										
809	6	10	0.898	9.30	-0.00	-7.8409	3.9152	0.3110	0.0927	0.1110	1.4904	1.7843			
		11	0.0011	-0.0018	0.0009	1.8086	0.4366	0.3074	0.0924	0.1096	1.5037	1.7835			
		12	0.0035	0.0012	0.0003										
809	7	10	0.899	12.47	0.00	-3.3336	2.4638	0.4201	0.0691	0.1479	0.8226	1.7603			
		11	0.0021	-0.0014	0.0010	1.4326	-2.1821	0.4237	0.0719	0.1503	0.8495	1.7736			
		12	0.0014	0.0004	-0.0006										
809	8	10	0.899	0.03	-0.00	0.6960	2.0938	-0.0187	-0.0071	-0.0048	1.8920	1.2969			
		11	0.0095	0.0013	0.0039	1.9428	0.9797	-0.0154	-0.0051	-0.0043	1.6509	1.4227			
		12	0.0039	0.0015	0.0007										
810	1	10	0.898	-3.05	-0.00	0.6952	1.8902	-0.0852	-0.0314	-0.0283	1.8457	1.6612			
		11	0.0113	0.0015	0.0043	2.0970	1.1842	-0.0768	-0.0280	-0.0264	1.8262	1.7216			
		12	0.0045	0.0019	0.0010										
810	2	10	0.899	0.01	-0.00	0.5803	1.9399	-0.0176	-0.0065	-0.0042	1.8742	1.2054			
		11	0.0090	0.0010	0.0035	2.0766	0.4537	-0.0133	-0.0042	-0.0033	1.5884	1.2550			
		12	0.0034	0.0014	0.0003										
810	3	10	0.899	1.04	-0.00	0.4299	2.0802	-0.0022	-0.0010	0.0028	2.3643	-6.3384			
		11	0.0077	0.0006	0.0032	2.0732	0.0019	0.0035	0.0015	0.0036	2.1997	-5.1104			
		12	0.0034	0.0014	0.0000										

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key
810	4	10	0.898 5.13
		11	0.0083 0.0008
		12	0.0026 0.0011
810	5	10	0.901 6.24
		11	0.0057 -0.0001
		12	0.0026 0.0011
810	6	10	0.898 9.30
		11	0.0009 -0.0019
		12	0.0024 0.0010
810	7	10	0.900 12.46
		11	0.0003 -0.0016
		12	0.0010 0.0004
810	8	10	0.899 -0.01
		11	0.0081 0.0009
		12	0.0039 0.0015
811	1	10	0.898 -3.08
		11	0.0099 0.0011
		12	0.0035 0.0015
811	2	10	0.899 -0.02
		11	0.0079 0.0008
		12	0.0039 0.0015
811	3	10	0.900 1.01
		11	0.0080 0.0006
		12	0.0026 0.0011
811	4	10	0.896 3.11
		11	0.0070 0.0002
		12	0.0020 0.0010
811	5	10	0.899 6.20
		11	0.0076 0.0004
		12	0.0018 0.0009
811	6	10	0.897 9.28
		11	0.0045 -0.0010
		12	0.0029 -0.0011
			1772

← See Key →

0.0083	0.0011	-0.0003	0.4812	2.1230	0.0732	0.0248	0.0255	1.6984	1.7441
0.0026	0.0011	-0.0003	2.1966	-0.5724	0.0756	0.0262	0.0251	1.7351	1.6637
0.901	6.24	-0.00	-0.0929	2.6698	0.1779	0.0599	0.0624	1.6840	1.7534
0.0057	-0.0001	0.0030	-2.2041	0.2938	0.1770	0.0602	0.0616	1.7024	1.7406
0.0026	0.0011	0.0001	2.2041	0.2938	0.1770	0.0602	0.0616	1.7024	1.7406
0.898	9.30	-0.00	5.5930	0.0019	0.3098	0.0925	0.1106	1.4939	1.7857
0.0009	-0.0019	0.0010	-10.2222	0.0019	0.3076	0.0922	0.1099	1.5001	1.7871
0.0024	0.0010	0.0000	2.1290	0.0019	0.3076	0.0922	0.1099	1.5001	1.7871
0.900	12.46	0.00	9.0738	0.4221	0.4221	0.0696	0.1482	0.8245	1.7561
0.0003	-0.0016	0.0006	-25.3010	1.9187	0.4246	0.0724	0.1504	0.8534	1.7718
0.0010	0.0004	-0.0010	1.9187	-4.9286	0.4246	0.0724	0.1504	0.8534	1.7718
0.899	-0.01	-0.00	0.5728	2.2518	-0.0173	-0.0064	-0.0040	1.8596	1.74253
0.0081	0.0009	0.0036	1.9417	0.7816	-0.0132	-0.0042	-0.0037	1.5875	1.4253
0.0039	0.0015	0.0006	2.1419	1.5168	-0.0720	-0.0260	-0.0248	1.8376	1.6585
0.898	-3.08	-0.00	0.5982	2.1455	-0.0807	-0.0296	-0.0267	1.8099	1.7239
0.0099	0.0011	0.0042	2.1419	1.5168	-0.0720	-0.0260	-0.0248	1.8099	1.7239
0.0035	0.0015	0.0010	1.9407	0.5848	-0.0044	-0.0009	-0.0010	1.7901	0.9050
0.899	-0.02	-0.00	1.9407	0.5848	-0.0044	-0.0009	-0.0010	1.7901	0.9050
0.0079	0.0008	0.0035	2.2165	2.2165	-0.0095	-0.0034	-0.0017	1.1008	1.1966
0.0039	0.0015	0.0004	2.2165	2.2165	-0.0095	-0.0034	-0.0017	1.1008	1.1966
0.900	1.01	-0.00	1.7996	1.7996	0.0146	0.0051	0.0065	1.7510	2.2278
0.0080	0.0006	0.0028	2.2041	0.2938	0.0201	0.0075	0.0069	1.6767	1.7299
0.0026	0.0011	0.0001	2.2041	0.2938	0.0201	0.0075	0.0069	1.6767	1.7299
0.896	3.11	-0.00	0.1836	1.8369	0.0807	0.0284	0.0280	1.7595	1.7342
0.0070	0.0002	0.0026	2.4973	0.0013	0.0797	0.0285	0.0272	1.7920	1.7083
0.0020	0.0010	0.0000	2.4973	0.0013	0.0797	0.0285	0.0272	1.7920	1.7083
0.899	6.20	-0.00	0.2632	2.1023	0.1768	0.0597	0.0617	1.6891	1.7445
0.0076	0.0004	0.0032	2.4274	-0.8115	0.1798	0.0611	0.0623	1.7013	1.7322
0.0018	0.0009	-0.0003	-1.1708	1.5005	0.3116	0.0927	0.1112	1.4883	1.7848
0.897	9.28	-0.00	-1.1708	1.5005	0.3116	0.0927	0.1112	1.4883	1.7848
0.0045	-0.0010	0.0013	1.9377	0.0022	0.3081	0.0923	0.1101	1.4987	1.7881
0.0029	-0.0011	0.0000	1.9377	0.0022	0.3081	0.0923	0.1101	1.4987	1.7881

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
811	7	10	0.897	12.45	0.00	-4.0946	1.5510	0.4187	0.0694	0.1477	0.8290	1.7635						
		11	0.0019	-0.0015	0.0005	1.6418	-0.4823	0.4228	0.0721	0.1497	0.8532	1.7711						
		12	0.0031	0.0010	-0.0003													
811	8	10	0.899	-0.02	-0.00	0.7852	1.8334	-0.0099	-0.0036	-0.0021	1.8455	1.1042						
		11	0.0108	0.0017	0.0039	1.8382	0.6835	-0.0044	-0.0009	-0.0010	1.1008	1.1966						
		12	0.0045	0.0016	0.0006													
812	1	10	0.898	-3.09	-0.00	0.7167	1.8647	-0.0792	-0.0289	-0.0263	1.8267	1.6625						
		11	0.0119	0.0017	0.0044	2.0957	1.0123	-0.0692	-0.0248	-0.0239	1.7916	1.7273						
		12	0.0045	0.0019	0.0009													
812	2	10	0.898	-0.03	-0.00	0.6095	1.7460	-0.0021	-0.0006	0.0004	1.4762	-1.0890						
		11	0.0096	0.0011	0.0033	2.5515	0.3386	0.0055	0.0025	0.0016	2.2654	1.5061						
		12	0.0022	0.0011	0.0001													
812	3	10	0.898	1.03	-0.00	0.5403	1.8888	0.0213	0.0072	0.0084	1.7032	1.9698						
		11	0.0084	0.0009	0.0032	2.0784	0.6823	0.0280	0.0101	0.0091	1.8187	1.6268						
		12	0.0033	0.0014	0.0004													
812	4	10	0.897	3.09	-0.00	0.1866	1.9455	0.0820	0.0292	0.0285	1.7828	1.7413						
		11	0.0070	0.0002	0.0027	2.4274	-0.8115	0.0845	0.0306	0.0282	1.8139	1.6712						
		12	0.0018	0.0009	-0.0003													
812	5	10	0.895	6.17	-0.00	-0.7699	2.5700	0.1820	0.0613	0.0633	1.6864	1.7411						
		11	0.0041	-0.0006	0.0021	-2.0100	0.0020	0.1817	0.0619	0.0630	1.7040	1.7336						
		12	0.0032	0.0012	0.0000													
812	6	10	0.898	9.27	-0.00	-11.0376	6.4903	0.3151	0.0935	0.1119	1.4836	1.7752						
		11	0.0008	-0.0018	0.0010	-2.8781	-6.3669	0.3109	0.0927	0.1114	1.4905	1.7918						
		12	0.0007	0.0004	-0.0009													
812	7	10	0.900	12.47	0.00	-6.2651	3.6565	0.4216	0.0693	0.1486	0.8227	1.7631						
		11	0.0012	-0.0015	0.0009	1.5610	0.2109	0.4244	0.0723	0.1508	0.8525	1.7776						
		12	0.0036	0.0011	0.0001													
812	8	10	0.901	-0.04	-0.00	0.5275	2.2179	-0.0025	-0.0008	0.0001	1.7376	-0.3027						
		11	0.0075	0.0008	0.0033	2.3214	0.5057	0.0042	0.0021	0.0012	2.5299	1.4322						
		12	0.0030	0.0014	0.0003													
813	1	10	0.903	-3.07	-0.00	0.5943	1.9921	-0.0760	-0.0277	-0.0251	1.8220	1.6543						
		11	0.0099	0.0011	0.0039													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
813	2	12	0.0043	0.0017	0.0010	2.0513	1.2430	-0.0654	-0.0236	-0.0229	1.7758	1.7254									
	10	10	0.899	-0.05	-0.00																
	11	11	0.0087	0.0010	0.0033	0.6033	1.9300	0.0018	0.0004	0.0014	1.3422	3.0435									
	12	12	0.0033	0.0014	0.0003	2.0766	0.4537	0.0089	0.0035	0.0025	1.9596	1.4456									
813	3	10	0.901	1.02	-0.00																
	11	11	0.0071	0.0005	0.0029	0.3704	2.0306	0.0260	0.0090	0.0095	1.7373	1.8254									
	12	12	0.0028	0.0012	0.0003	2.2685	0.5441	0.0326	0.0121	0.0104	1.0634	1.6014									
813	4	10	0.901	3.12	-0.00																
	11	11	0.0070	0.0002	0.0025	0.1836	1.0369	0.0836	0.0298	0.0289	1.7834	1.7330									
	12	12	0.0033	0.0014	0.0004	2.0784	0.6823	0.0862	0.0315	0.0286	1.0271	1.6625									
813	5	10	0.902	6.19	-0.00																
	11	11	0.0064	0.0001	0.0028	0.1098	2.2325	0.1868	0.0629	0.0652	1.6836	1.7447									
	12	12	0.0024	0.0010	-0.0003	2.1246	-0.6227	0.1867	0.0633	0.0649	1.6954	1.7392									
813	6	10	0.899	9.31	-0.00																
	11	11	0.0018	-0.0018	0.0016	-4.8284	4.4841	0.3138	0.0931	0.1119	1.4840	1.7827									
	12	12	0.0020	0.0007	-0.0007	-1.9305	-1.8566	0.3122	0.0930	0.1117	1.4902	1.7891									
813	7	10	0.899	12.43	0.00																
	11	11	0.0022	-0.0011	0.0013	-2.5952	3.0539	0.4208	0.0694	0.1484	0.8256	1.7633									
	12	12	0.0036	0.0011	0.0000	-1.5613	0.0027	0.4226	0.0721	0.1501	0.8532	1.7766									
813	8	10	0.901	-0.03	-0.00																
	11	11	0.0084	0.0009	0.0036	0.5473	2.1592	0.0025	0.0007	0.0015	1.4300	3.0056									
	12	12	0.0043	0.0017	0.0004	2.0463	0.5274	0.0101	0.0040	0.0027	1.9793	1.3505									
814	1	10	0.899	-3.13	-0.00																
	11	11	0.0078	0.0005	0.0038	0.3487	2.4340	-0.0702	-0.0249	-0.0235	1.7786	1.6735									
	12	12	0.0028	0.0012	0.0001	2.2656	0.2716	-0.0594	-0.0205	-0.0209	1.7292	1.7587									
814	2	10	0.900	-0.06	-0.00																
	11	11	0.0073	0.0006	0.0032	0.4527	2.1790	0.0101	0.0036	0.0037	1.7917	1.8363									
	12	12	0.0037	0.0016	0.0006	2.1861	0.8094	0.0199	0.0076	0.0053	1.9108	1.3316									
814	3	10	0.900	0.98	-0.00																
	11	11	0.0075	0.0008	0.0033	0.5275	2.2179	0.0319	0.0115	0.0110	1.8119	1.7301									
	12	12	0.0035	0.0015	0.0004	2.1344	0.6416	0.0389	0.0146	0.0122	1.8865	1.5791									
814	4	10	0.900	3.10	-0.00																

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key															
A14	5	0.0062	0.0000	0.0025	0.0041	2.0656	0.0902	0.0327	0.0307	1.8156	1.7017						
		0.0018	0.0009	-0.0003	2.4274	-0.8115	0.0948	0.0350	0.0312	1.8464	1.6482						
A14	10	0.902	6.17	-0.00	-0.4120	2.4952	0.1881	0.0635	0.0656	1.6880	1.7442						
		0.0045	-0.0003	0.0022	-2.2578	-0.5297	0.1915	0.0650	0.0655	1.6967	1.7378						
A14	12	0.0028	0.0012	-0.0003													
A14	6	0.899	9.28	-0.00	-2.8271	3.3356	0.3164	0.0937	0.1127	1.4807	1.7820						
		0.0025	-0.0014	0.0016	-2.2390	-2.5648	0.3138	0.0932	0.1122	1.4854	1.7866						
A14	11	0.901	12.45	0.00	-1.3492	2.3720	0.4226	0.0693	0.1490	0.8201	1.7625						
		0.0028	-0.0007	0.0013	-1.4567	0.3221	0.4243	0.0720	0.1507	0.8492	1.7760						
A14	12	0.0047	0.0013	0.0003													
A14	8	0.902	-0.07	-0.00	0.3981	2.3596	0.0103	0.0035	0.0031	1.7005	1.5057						
		0.0067	0.0005	0.0032	2.2656	0.2716	0.0185	0.0072	0.0049	1.9462	1.3441						
A14	12	0.0028	0.0012	0.0001													
A15	7	0.600	-3.10	-0.00	0.6488	2.1002	-0.0692	-0.0244	-0.0230	1.7641	1.6670						
		0.0092	0.0012	0.0038	2.6636	0.7967	-0.0563	-0.0197	-0.0195	1.7489	1.7343						
A15	10	0.0026	0.0014	0.0004													
A15	8	0.600	-0.05	-0.00	0.3133	2.4369	0.0063	0.0022	0.0024	1.8180	1.9132						
		0.0060	0.0003	0.0029	3.0168	0.0005	0.0164	0.0064	0.0045	1.9720	1.3858						
A15	12	0.0015	0.0009	0.0000													
A15	9	0.600	0.98	-0.00	0.4296	3.0585	0.0238	0.0087	0.0086	1.8258	1.8141						
		0.0038	-0.0003	0.0023	-3.0040	-0.5870	0.0331	0.0123	0.0103	1.8642	1.5648						
A15	12	0.0011	0.0007	-0.0001													
A15	10	0.600	3.07	-0.00	0.2919	3.2041	0.0791	0.0281	0.0271	1.7783	1.7167						
		0.0063	0.0004	0.0027	2.9436	-3.3609	0.0864	0.0313	0.0292	1.8124	1.6895						
A15	12	0.0008	0.0004	-0.0005													
A15	11	0.600	6.18	-0.00	-0.3824	2.4735	0.1672	0.0553	0.0585	1.6554	1.7511						
		0.0045	-0.0003	0.0022	-0.2670	8.2074	0.1736	0.0577	0.0608	1.6633	1.7524						
A15	12	-0.0008	0.0000	-0.0013													
A15	12	0.600	9.27	-0.00	-1.3451	2.4852	0.2709	0.0760	0.0971	1.4044	1.7924						
		0.0030	-0.0008	0.0015	-0.7144	4.4331	0.2720	0.0766	0.0983	1.4091	1.8073						
A15	12	-0.0020	-0.0002	-0.0018													

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																				
815	13	10	0.600	12.44	-0.00	-1.1891	3.2739	0.3956	0.0808	0.1434	1.0211	1.0130										
		11	0.0034	-0.0008	0.0022	0.9066	0.3966	0.0810	0.1447	1.0218	1.0247											
		12	-0.0022	-0.0004	-0.0020	0.5046	0.0075	0.0028	0.0031	1.0980	2.0652											
815	14	10	0.600	-0.04	-0.00	2.2165	0.0167	0.0064	0.0045	1.9338	1.3596											
		11	0.0072	0.0007	0.0032	0.6254	0.0167	0.0064	0.0045	1.9338	1.3596											
		12	0.0024	0.0012	0.0001	0.5282	2.2467	-0.0704	-0.0249	-0.0232	1.7697	1.6514										
816	1	10	0.600	-3.09	-0.00	1.4009	-0.0618	-0.0216	-0.0212	1.7516	1.7162											
		11	0.0080	0.0008	0.0036	0.5282	2.2467	-0.0704	-0.0249	-0.0232	1.7697	1.6514										
		12	0.0034	0.0017	0.0009	2.4890	1.4009	-0.0618	-0.0216	-0.0212	1.7516	1.7162										
816	2	10	0.600	-0.02	-0.00	0.1226	2.4833	0.0003	0.0002	0.0008	3.3154	12.3848										
		11	0.0056	0.0001	0.0027	4.1325	-0.8069	0.0091	0.0037	0.0024	2.0720	1.3687										
		12	0.0008	0.0007	-0.0001	0.3133	2.4369	0.0261	0.0095	0.0105	1.0221	1.0749										
816	3	10	0.600	0.99	-0.00	0.2754	2.0982	0.0744	0.0264	0.0274	1.7796	1.7458										
		11	0.0060	0.0003	0.0029	3.0058	-0.5038	0.0327	0.0121	0.0105	1.0506	1.6050										
		12	0.0013	0.0008	-0.0001	0.3133	2.4369	0.0261	0.0095	0.0105	1.0221	1.0749										
816	4	10	0.601	3.08	-0.00	0.2754	2.0982	0.0744	0.0264	0.0274	1.7796	1.7458										
		11	0.0066	0.0003	0.0027	3.0168	0.0005	0.0811	0.0293	0.0274	1.0796	1.6933										
		12	0.0013	0.0008	0.0000	0.2754	2.0982	0.0744	0.0264	0.0274	1.7796	1.7458										
816	5	10	0.600	6.19	-0.00	-0.5081	3.2889	0.1645	0.0547	0.0602	1.6638	1.7564										
		11	0.0046	-0.0004	0.0020	1.4045	0.1715	0.0571	0.0602	1.6653	1.7555											
		12	-0.0023	-0.0006	-0.0015	-0.5081	3.2889	0.1645	0.0547	0.0602	1.6653	1.7555										
816	6	10	0.600	9.27	-0.00	-0.8273	3.6316	0.2658	0.0760	0.0949	1.4293	1.7050										
		11	0.0042	-0.0007	0.0022	0.7255	0.2687	0.0766	0.0970	1.4264	1.6048											
		12	-0.0020	-0.0002	-0.0015	-0.8273	3.6316	0.2658	0.0760	0.0949	1.4293	1.7050										
816	7	10	0.600	12.45	-0.00	-7.7000	5.8478	0.3900	0.0810	0.1412	1.0369	1.0104										
		11	0.0010	-0.0016	0.0012	0.7486	0.3909	0.0810	0.1431	1.0367	1.0305											
		12	-0.0012	-0.0001	-0.0016	-7.7000	5.8478	0.3900	0.0810	0.1412	1.0369	1.0104										
816	8	10	0.600	-0.01	-0.00	0.2196	2.3994	0.0003	0.0002	0.0012	3.5027	19.9278										
		11	0.0058	0.0002	0.0027	4.8263	-5.4882	0.0095	0.0038	0.0027	2.0212	1.4427										
		12	0.0005	0.0004	-0.0005	0.2196	2.3994	0.0003	0.0002	0.0012	3.5027	19.9278										
817	1	10	0.601	-3.08	-0.00	0.7188	1.9506	-0.0720	-0.0253	-0.0235	1.7590	1.6318										
		11	0.0099	0.0014	0.0038	2.6452	1.4480	-0.0634	-0.0220	-0.0216	1.7400	1.7028										
		12	0.0024	0.0012	0.0006	0.7188	1.9506	-0.0720	-0.0253	-0.0235	1.7590	1.6318										

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
617	2	10	0.599	-0.003	-0.00	0.2919	2.2041	-0.0024	-0.0006	0.0001	1.4020	-0.2868						
		11	0.0063	0.0003	0.0027	268.8907	0.0029	0.0001	2.1799	1.6263								
		12	-0.0000	0.0003	-0.0005													
617	3	10	0.599	1.00	-0.00	0.6364	1.8948	0.0221	0.0080	0.0085	1.8182	1.9296						
		11	0.0084	0.0010	0.0032	2.4274	-0.8115	0.0108	0.0097	1.8482	1.6466							
		12	0.0017	0.0008	-0.0002													
617	4	10	0.600	3.10	-0.00	0.1991	2.0470	0.0749	0.0267	0.0261	1.7861	1.7464						
		11	0.0061	0.0002	0.0025	0.7664	5.6207	0.0803	0.0289	0.0270	1.8031	1.6811						
		12	-0.0012	-0.0001	-0.0013													
617	5	10	0.600	6.22	-0.00	-0.1047	2.2698	0.1646	0.0547	0.0576	1.6621	1.7497						
		11	0.0052	-0.0001	0.0023	5.8080	-10.7592	0.1678	0.0561	0.0588	1.6725	1.7526						
		12	0.0003	0.0003	-0.0006													
617	6	10	0.599	9.28	-0.00	-0.2299	2.2197	0.2637	0.0755	0.0948	1.4319	1.7989						
		11	0.0050	-0.0002	0.0022	1.9377	0.0022	0.2624	0.0759	0.0948	1.4472	1.8033						
		12	0.0018	0.0007	0.0000													
617	7	10	0.599	12.45	-0.00	-0.8891	2.8451	0.3912	0.0815	0.1417	1.0427	1.8116						
		11	0.0039	-0.0007	0.0022	0.7394	7.5169	0.3898	0.0811	0.1425	1.0411	1.8282						
		12	-0.0012	-0.0001	-0.0018													
617	8	10	0.600	-0.04	-0.00	0.4325	2.1793	-0.0052	-0.0045	-0.0016	1.5283	0.5464						
		11	0.0070	0.0006	0.0030	-1.4820					2.3939	1.5201						
		12	-0.0008	0.0002	-0.0004													
61A	1	10	0.599	3.06	-0.00	0.1261	2.6071	-0.0720	-0.0253	-0.0233	1.7554	1.6162						
		11	0.0056	0.0001	0.0029	-1.3985	0.7874	-0.0641	-0.0222	-0.0219	1.7349	1.7113						
		12	-0.0008	0.0002	-0.0001													
61A	2	10	0.600	-0.03	-0.00	0.5021	2.1201	-0.0077	-0.0025	-0.0010	1.6321	0.6474						
		11	0.0072	0.0007	0.0030	0.3166	2.4476	0.0002	0.0009	0.0008	19.7339	17.6556						
		12	-0.0014	-0.0000	-0.0006													
61A	3	10	0.600	1.04	-0.00	0.3676	1.9234	0.0157	0.0057	0.0066	1.8204	2.1204						
		11	0.0065	0.0004	0.0025	-0.1895	5.5196	0.0236	0.0089	0.0081	1.8894	1.7241						
		12	-0.0008	0.0000	-0.0009													
61A	4	10	0.600	3.13	-0.00	0.5403	1.8888	0.0721	0.0256	0.0253	1.7768	1.7565						
		11	0.0077	0.0008	0.0029	-1.8133	8.9365	0.0768	0.0278	0.0257	1.8109	1.6754						
		12	-0.0003	0.0001	-0.0006													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
818	5	10	0.600	6.21	-0.000	0.0194	2.5972	0.1620	0.0539	0.0569	1.6641	1.7558								
		11	0.0051	0.0000	0.0026	0.0194	2.5972	0.1620	0.0539	0.0569	1.6641	1.7558								
		12	-0.0000	0.0001	-0.0008	-12.6563	73.8024	0.1642	0.0551	0.0577	1.6783	1.7570								
81A	6	10	0.600	9.28	-0.000	0.2197	2.0870	0.2619	0.0754	0.0939	1.4403	1.7924								
		11	0.0053	-0.0002	0.0022	1.9397	0.3893	0.2623	0.0759	0.0945	1.4477	1.8012								
		12	0.0018	0.0007	0.0001	-0.0046	2.0830	0.3966	0.0807	0.1439	1.0173	1.8143								
81A	7	10	0.599	12.46	-0.000	0.0046	3.8184	0.3964	0.0806	0.1449	1.0168	1.8280								
		11	0.0067	0.0000	0.0027	1.4019	0.3964	0.3966	0.0807	0.1439	1.0173	1.8143								
		12	-0.0034	-0.0009	-0.0026	0.0019	3.8184	0.3964	0.0806	0.1449	1.0168	1.8280								
818	8	10	0.600	-0.002	-0.000	0.5680	2.0640	-0.0042	-0.0011	0.0005	1.3621	-0.6724								
		11	0.0074	0.0008	0.0030	0.5680	2.0640	-0.0042	-0.0011	0.0005	1.3621	-0.6724								
		12	-0.0014	-0.0000	-0.0008	0.3052	2.9610	0.0035	0.0019	0.0018	2.7708	2.5688								
819	1	10	0.600	-3.05	-0.000	0.8118	1.7797	-0.0779	-0.0273	-0.0252	1.7538	1.6208								
		11	0.0117	0.0019	0.0041	10.5078	1.7584	-0.0690	-0.0240	-0.0234	1.7430	1.6994								
		12	0.0003	0.0008	0.0001	15.7883	-4.5950	-0.0079	-0.0019	-0.0012	1.5926	0.8278								
819	2	10	0.600	0.000	-0.000	0.4764	1.9380	0.0058	0.0022	0.0049	1.9461	4.2452								
		11	0.0084	0.0010	0.0032	13.1737	-14.9199	0.0129	0.0051	0.0058	1.9979	2.2581								
		12	0.0001	0.0004	-0.0001	15.7883	-4.5950	-0.0079	-0.0019	-0.0012	1.5926	0.8278								
819	3	10	0.600	1.03	-0.000	0.5548	1.7861	0.0691	0.0247	0.0245	1.7907	1.7737								
		11	0.0075	0.0007	0.0029	13.1737	-14.9199	0.0129	0.0051	0.0058	1.9979	2.2581								
		12	0.0001	0.0004	-0.0005	15.7883	-4.5950	-0.0079	-0.0019	-0.0012	1.5926	0.8278								
819	4	10	0.599	3.12	-0.000	0.1121	2.1108	0.1613	0.0539	0.0564	1.6709	1.7479								
		11	0.0085	0.0009	0.0030	0.9269	3.0656	0.1645	0.0553	0.0575	1.6817	1.7475								
		12	-0.0000	0.0001	-0.0008	12.6563	73.8024	0.1642	0.0551	0.0577	1.6783	1.7570								
819	5	10	0.599	6.21	-0.000	0.3112	1.9272	0.2650	0.0759	0.0951	1.4336	1.7955								
		11	0.0056	0.0001	0.0023	2.8578	-7.2995	0.2675	0.0768	0.0967	1.4354	1.8078								
		12	-0.0022	-0.0004	-0.0014	-0.0009	-1.6402	0.3924	0.0811	0.1422	1.0333	1.8119								
819	6	10	0.598	9.34	-0.000	0.0009	2.6545	0.3924	0.0811	0.1422	1.0333	1.8119								
		11	0.0057	-0.0003	0.0022	-0.0009	-1.6402	0.3924	0.0811	0.1422	1.0333	1.8119								
		12	0.0006	0.0003	-0.0009	-0.0009	-1.6402	0.3924	0.0811	0.1422	1.0333	1.8119								
819	7	10	0.599	12.44	-0.000	0.0015	2.6545	0.3924	0.0811	0.1422	1.0333	1.8119								
		11	0.0028	-0.0009	0.0015	-0.0015	-1.6402	0.3924	0.0811	0.1422	1.0333	1.8119								
		12	0.0028	-0.0009	0.0015	-0.0015	-1.6402	0.3924	0.0811	0.1422	1.0333	1.8119								

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	0.0022	0.0005	0.0000	1.2844	0.0032	0.3881	0.0814	0.1415	1.0495	1.8240
819	8	10	0.599	-0.00	-0.00	0.6385	1.9774	-0.0142	-0.0044	-0.0024	1.5775	0.8581
	11	12	0.0084	0.0010	0.0033	-2.4371	5.2821	-0.0055	-0.0012	-0.0009	1.1049	0.8635
	12		-0.0005	0.0002	-0.0005							
820	1	10	0.600	-3.05	-0.00	0.8342	1.7683	-0.0852	-0.0298	-0.0279	1.7508	1.6403
	11	12	0.0114	0.0019	0.0040	0.8342	-0.0144	-0.0748	-0.0260	-0.0253	1.7413	1.6943
	12		-0.0001	0.0004	0.0000							
820	2	10	0.599	-0.00	-0.00	0.8698	1.7632	-0.0198	-0.0065	-0.0042	1.6507	1.0819
	11	12	0.0102	0.0017	0.0036	0.8698	0.3997	-0.0133	-0.0038	-0.0033	1.4324	1.2362
	12		0.0017	0.0010	0.0001							
820	3	10	0.600	1.04	-0.00	0.6898	1.9603	-0.0037	-0.0008	0.0029	1.0841	-3.9718
	11	12	0.0078	0.0010	0.0030	0.6898	6.9428	0.0034	0.0021	0.0040	3.0955	5.8663
	12		-0.0004	0.0001	-0.0005	-1.7118						
820	4	10	0.600	3.14	-0.00	0.1205	1.7337	0.0590	0.0211	0.0213	1.7927	1.8097
	11	12	0.0052	-0.0001	0.0018	0.1205	0.0005	0.0587	0.0212	0.0202	1.8121	1.7231
	12		0.0007	0.0004	0.0000	3.0168						
820	5	10	0.600	6.23	-0.00	0.7882	3.0180	0.1521	0.0512	0.0534	1.6848	1.7557
	11	12	0.0037	-0.0005	0.0015	0.7882	3.3535	0.1591	0.0539	0.0555	1.6967	1.7467
	12		-0.0020	-0.0003	-0.0013	0.7310						
820	6	10	0.600	9.31	-0.00	1.2329	2.0462	0.2663	0.0762	0.0956	1.4312	1.7953
	11	12	0.0033	-0.0008	0.0013	1.2329	3.7312	0.2685	0.0768	0.0970	1.4306	1.8072
	12		-0.0028	-0.0007	-0.0020	1.3469						
820	7	10	0.601	12.44	-0.00	3.8934	2.7181	0.3864	0.0812	0.1401	1.0517	1.8133
	11	12	0.0015	-0.0011	0.0008	3.8934	-0.9596	0.3835	0.0812	0.1398	1.0598	1.8233
	12		0.0014	0.0004	-0.0002	1.6423						
820	8	10	0.600	0.01	-0.00	0.2129	2.1595	-0.0198	-0.0065	-0.0040	1.6498	1.0093
	11	12	0.0058	0.0002	0.0025	0.2129	2.6681	-0.0119	-0.0033	-0.0031	1.4084	1.3245
	12		-0.0010	0.0001	-0.0005	-0.6764						
821	1	10	0.599	-3.00	-0.00	0.9593	1.7626	-0.0866	-0.0304	-0.0281	1.7556	1.6279
	11	12	0.0130	0.0025	0.0046	0.9593	1.6313	-0.0766	-0.0267	-0.0258	1.7426	1.6863
	12		0.0017	0.0010	0.0005	3.0556						
821	2	10	0.600	0.01	-0.00							

See Key

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TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
A21	3	11	0.0090	0.0014	0.0036	0.7958	2.0028	-0.0175	-0.0059	-0.0041	1.6995	1.1788						
		12	0.0013	0.0008	-0.0001	3.0058	-0.5038	-0.0137	-0.0040	-0.0038	1.4757	1.4067						
A21	4	10	0.599	1.06	-0.00	0.4945	1.8303	-0.0099	-0.0032	-0.0002	1.6264	0.1469						
		11	0.0072	0.0007	0.0026	0.9218	2.8454	-0.0066	-0.0014	0.0000	1.1156	-0.0093						
A21	5	10	0.599	3.18	-0.00	0.6301	1.6465	0.0579	0.0201	0.0206	1.7346	1.7823						
		11	0.0084	0.0010	0.0027	11.9106	-19.9078	0.0627	0.0225	0.0214	1.7963	1.7137						
A21	6	10	0.599	6.23	-0.00	0.1131	1.7598	0.1492	0.0504	0.0525	1.6912	1.7599						
		11	0.0055	-0.0001	0.0019	-1.8133	8.9365	0.1551	0.0527	0.0540	1.7004	1.7407						
A21	7	10	0.600	12.48	-0.00	0.6326	1.9047	0.2584	0.0751	0.0928	1.4546	1.7954						
		11	0.0029	-0.0010	0.0012	5.6665	-12.4649	0.2611	0.0759	0.0941	1.4534	1.8026						
A21	8	10	0.601	0.02	-0.00	1.7949	2.0817	0.3873	0.0817	0.1404	1.0547	1.8124						
		11	0.0093	0.0014	0.0036	0.8535	5.2607	0.3859	0.0816	0.1408	1.0581	1.8241						
A21	12	10	-0.0006	0.0003	-0.0005	0.7672	1.9345	-0.0182	-0.0061	-0.0047	1.6985	1.2911						
		12	-0.0006	0.0003	-0.0005	-2.8825	4.2621	-0.0123	-0.0035	-0.0034	1.4582	1.3969						

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
822	3	10	0.0901	-0.0292	-0.0099	-0.0089	1.9505	1.5886	-0.0285	-0.0118	-0.0110	2.0801	1.9400					
	11	12	-0.0253	-0.0097	-0.0099	-0.0189	1.9139	1.9567	-0.0606	-0.0215	-0.0208	1.7755	1.7190					
	10	11	0.0901	-0.0007	-0.0000	-0.0000	-1.1746	3.6795	0.0010	-0.0000	0.0004	-0.0894	2.2961					
822	4	10	0.0037	-0.0008	0.0027	0.0019	1.9730	1.2452	0.0040	0.0013	0.0006	1.7068	0.7511					
	11	12	0.0079	0.0031	0.0019	0.0019	-1.9730	1.2452	0.0040	0.0013	0.0006	1.7068	0.7511					
	10	11	0.0900	1.0000	-0.0000	-0.0000	1.4209	1.9336	0.0206	0.0070	0.0066	1.7017	1.6206					
822	5	10	0.0249	0.0070	0.0096	0.0085	1.8340	1.4753	0.0221	0.0076	0.0062	1.7369	1.4027					
	11	12	0.0290	0.0106	0.0085	0.0085	1.8340	1.4753	0.0221	0.0076	0.0062	1.7369	1.4027					
	10	11	0.0900	3.0100	-0.0000	-0.0000	1.7069	1.8555	0.0658	0.0230	0.0222	1.7525	1.6874					
822	6	10	0.0494	0.0168	0.0183	0.0237	1.8086	1.6839	0.0431	0.0162	0.0143	1.8806	1.6653					
	11	12	0.0704	0.0254	0.0237	0.0237	1.8086	1.6839	0.0431	0.0162	0.0143	1.8806	1.6653					
	10	11	0.0902	6.0160	-0.0000	-0.0000	1.4878	1.7885	0.1392	0.0476	0.0490	1.7114	1.7611					
822	7	10	0.0928	0.0276	0.0332	0.0511	1.7339	1.7497	0.0818	0.0255	0.0285	1.5617	1.7443					
	11	12	0.1462	0.0507	0.0511	0.0511	1.7339	1.7497	0.0818	0.0255	0.0285	1.5617	1.7443					
	10	11	0.0902	9.0270	-0.0000	-0.0000	1.4678	1.7833	0.2314	0.0715	0.0831	1.5455	1.7964					
822	8	10	0.1474	0.0432	0.0525	0.0852	1.5635	1.8162	0.1358	0.0410	0.0484	1.5129	1.7844					
	11	12	0.2345	0.0733	0.0852	0.0852	1.5635	1.8162	0.1358	0.0410	0.0484	1.5129	1.7844					
	10	11	0.0900	12.0460	-0.0000	-0.0000	1.3970	1.8168	0.3357	0.0916	0.1241	1.3651	1.8492					
822	9	10	0.2065	0.0576	0.0750	0.1277	1.0234	1.8605	0.1857	0.0575	0.0686	1.5399	1.8378					
	11	12	0.3433	0.0702	0.1277	0.1277	1.0234	1.8605	0.1857	0.0575	0.0686	1.5399	1.8378					
	10	11	0.0900	-0.0000	-0.0000	-0.0000	-0.6276	3.4528	0.0006	-0.0002	-0.0003	-2.1482	-2.4734					
822	10	10	0.0048	-0.0006	0.0033	0.0021	-0.6276	3.4528	0.0006	-0.0002	-0.0003	-2.1482	-2.4734					
	11	12	0.0081	0.0032	0.0021	0.0021	-0.6276	3.4528	0.0006	-0.0002	-0.0003	-2.1482	-2.4734					
	10	11	0.0901	-3.0242	-0.0194	-0.0109	1.9507	1.5620	-0.0353	-0.0143	-0.0132	2.0278	1.8685					
823	1	10	-0.0622	-0.0107	-0.0109	-0.0109	1.9166	1.9456	-0.0640	-0.0228	-0.0223	1.7849	1.7459					
	11	12	-0.0281	-0.0107	-0.0109	-0.0109	1.9166	1.9456	-0.0640	-0.0228	-0.0223	1.7849	1.7459					
	10	11	0.0900	-0.0003	-0.0000	-0.0000	-5.7830	7.4445	-0.0001	-0.0005	-0.0003	18.3034	10.9293					
823	2	10	0.0015	-0.0017	0.0022	0.0013	-5.7830	7.4445	-0.0001	-0.0005	-0.0003	18.3034	10.9293					
	11	12	0.0056	0.0023	0.0013	0.0013	-5.7830	7.4445	-0.0001	-0.0005	-0.0003	18.3034	10.9293					
	10	11	0.0900	-0.0003	-0.0000	-0.0000	-5.7830	7.4445	-0.0001	-0.0005	-0.0003	18.3034	10.9293					
823	3	10	0.0999	1.0200	-0.0000	-0.0000	1.2270	2.0613	0.0218	0.0073	0.0057	1.6845	1.5941					
	11	12	0.0192	0.0047	0.0079	0.0088	1.8483	1.5596	0.0194	0.0069	0.0057	1.7809	1.4756					
	10	11	0.0283	0.0104	0.0088	0.0088	1.8483	1.5596	0.0194	0.0069	0.0057	1.7809	1.4756					

T. BLE VILA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key														
823	4	10	0.902	3.13	-0.00	1.6819	2.0849	0.0655	0.0225	0.0219	1.7210	1.6741					
			0.0364	0.0122	0.0152	1.7925	1.6662	0.0283	0.0111	0.0094	1.9578	1.6703					
			0.0716	0.0256	0.0238												
823	5	10	0.899	6.19	-0.00	1.3935	1.8394	0.1401	0.0478	0.0488	1.7065	1.7414					
			0.0789	0.0220	0.0290	1.7315	1.7537	0.0683	0.0201	0.0241	1.4760	1.7639					
			0.1465	0.0507	0.0514												
823	6	10	0.899	9.31	-0.00	1.4509	1.8199	0.2315	0.0713	0.0831	1.5410	1.7953					
			0.1403	0.0407	0.0510	1.5579	1.8288	0.1259	0.0376	0.0451	1.4952	1.7936					
			0.2387	0.0743	0.0873												
823	7	10	0.900	9.31	-0.00	1.4555	1.8109	0.2312	0.0712	0.0832	1.5397	1.8004					
			0.1379	0.0401	0.0499	1.5623	1.8302	0.1248	0.0374	0.0447	1.4987	1.7910					
			0.2372	0.0741	0.0868												
823	8	10	0.901	12.47	-0.00	1.3897	1.8319	0.3352	0.0912	0.1240	1.3603	1.8499					
			0.1998	0.0555	0.0732	1.0237	1.8595	0.1787	0.0551	0.0653	1.5414	1.8282					
			0.3476	0.0711	0.1292												
823	9	10	0.901	-0.01	-0.00	-4.7129	6.5368	0.0005	-0.0005	-0.0003	-4.8487	-2.8339					
			0.0017	-0.0016	0.0022	2.1127	1.3359	0.0037	0.0010	0.0000	1.3284	0.0002					
			0.0068	0.0029	0.0018												
824	1	10	0.898	-0.02	-0.00	-4.7129	6.5368	-0.0009	-0.0010	-0.0007	5.3038	4.0032					
			0.0017	-0.0016	0.0023	2.0373	1.2346	0.0003	-0.0002	-0.0015	-2.9261	-20.1188					
			0.0074	0.0030	0.0018												
824	2	10	0.897	-3.05	-0.00	1.9652	1.5534	-0.0393	-0.0158	-0.0147	2.0146	1.8727					
			-0.0617	-0.0242	-0.0191	1.8223	1.7738	-0.0603	-0.0217	-0.0212	1.8009	1.7587					
			-0.0333	-0.0121	-0.0118												
824	3	10	0.897	-0.02	-0.00	-7.2370	8.0890	-0.0001	-0.0007	-0.0009	20.3909	24.4334					
			0.0013	-0.0019	0.0021	1.9768	1.1988	0.0009	-0.0001	-0.0010	-0.6034	-5.8816					
			0.0070	0.0027	0.0016												
A24	4	10	0.900	1.00	-0.00	1.2098	2.0879	0.0204	0.0066	0.0059	1.6284	1.4500					
			0.0179	0.0043	0.0074	1.8540	1.5467	0.0198	0.0066	0.0054	1.6904	1.3775					
			0.0277	0.0102	0.0085												
A24	5	10	0.899	3.13	-0.00	1.6659	2.1698	0.0657	0.0225	0.0215	1.7121	1.6367					
			0.0332	0.0110	0.0144	1.8015	1.6962	0.0262	0.0102	0.0088	1.9424	1.6753					
			0.0719	0.0259	0.0243												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																		
824	6	10	0.897	6.21	-0.00	1.3860	1.9252	0.1387	0.0471	0.0480	1.6989	1.7316								
	11	10	0.0720	0.0199	0.0277	1.7301	1.7548	0.0603	0.0174	0.0209	1.4496	1.7357								
	12	10	0.1465	0.0507	0.0514															
824	7	10	0.898	9.30	-0.00	1.4528	1.8046	0.2318	0.0712	0.0829	1.5365	1.7892								
	11	10	0.1361	0.0395	0.0491	1.5663	1.8304	0.1258	0.0373	0.0445	1.4826	1.7717								
	12	10	0.2360	0.0739	0.0864															
824	8	10	0.897	12.46	-0.00	1.3961	1.8318	0.3342	0.0909	0.1233	1.3610	1.8455								
	11	10	0.1980	0.0552	0.0725	1.0159	1.8580	0.1786	0.0551	0.0649	1.5438	1.8171								
	12	10	0.3475	0.0706	0.1291															
824	9	10	0.900	-0.01	-0.00	1.9158	1.4715	-0.0006	-0.0010	-0.0007	8.2933	6.2278								
	11	10	0.0002	-0.0021	0.0021	2.0015	1.4035	0.0039	0.0008	-0.0003	1.1194	-0.3852								
	12	10	0.0081	0.0032	0.0022															
825	3	10	0.899	-3.05	-0.00	1.9468	1.5677	-0.0489	-0.0182	-0.0165	1.8669	1.6917								
	11	10	-0.0613	-0.0238	-0.0192	1.8244	1.7470	-0.0604	-0.0212	-0.0215	1.7561	1.7856								
	12	10	-0.0437	-0.0159	-0.0152															
825	4	10	0.898	-0.02	-0.00	45.3919	30.9136	-0.0032	-0.0011	-0.0004	1.7225	9.7139								
	11	10	-0.0002	-0.0020	0.0013	2.5085	0.7513	-0.0017	-0.0002	-0.0012	0.6032	3.5103								
	12	10	0.0020	0.0010	0.0003															
825	5	10	0.899	1.05	-0.00	1.2807	2.1020	0.0187	0.0065	0.0063	1.7396	1.7000								
	11	10	0.0174	0.0044	0.0073	1.8225	1.5375	0.0146	0.0057	0.0043	1.9494	1.4946								
	12	10	0.0243	0.0088	0.0074															
825	6	10	0.898	3.12	-0.00	1.7279	2.1311	0.0626	0.0218	0.0212	1.7392	1.6972								
	11	10	0.0322	0.0111	0.0137	1.7768	1.6387	0.0210	0.0092	0.0077	2.1833	1.8285								
	12	10	0.0694	0.0246	0.0227															
825	7	10	0.898	6.21	-0.00	1.3586	1.9452	0.1414	0.0481	0.0495	1.7019	1.7500								
	11	10	0.0654	0.0177	0.0254	1.7194	1.7611	0.0507	0.0143	0.0184	1.4105	1.8154								
	12	10	0.1470	0.0505	0.0517															
825	8	10	0.898	9.30	-0.00	1.4460	1.7876	0.2292	0.0711	0.0829	1.5514	1.8097								
	11	10	0.1328	0.0384	0.0474	1.5597	1.8219	0.1190	0.0359	0.0430	1.5091	1.8066								
	12	10	0.2337	0.0729	0.0851															
825	9	10	0.900	12.47	-0.00	1.3962	1.8194	0.3327	0.0910	0.1242	1.3679	1.8676								
	11	10	0.1981	0.0553	0.0720	1.0077	1.8592	0.1775	0.0554	0.0654	1.5617	1.8430								
	12	10	0.3455	0.0696	0.1284															

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key														
825	10	0.899	0.0017	-0.0012	0.0012	-0.0012	-3.7130	6.2867	-0.0040	-0.0013	-0.0006	1.7062	0.7716			
	11	0.0028	0.0012	0.0003	0.0003	-2.2685	0.5441	-0.0017	-0.0002	-0.0009	0.6204	2.5967				
	12	-0.0588	-0.0231	-0.0183	-0.0183	1.9692	1.5614	-0.0652	-0.0238	-0.0216	1.8294	1.6570				
A26	1	0.0582	-0.0202	-0.0194	-0.0194	1.7376	1.6712	-0.0647	-0.0231	-0.0230	1.7889	1.7762				
	10	0.899	0.0016	0.0016	-0.0016	-7.9203	8.0019	-0.0079	-0.0029	-0.0020	1.8249	12.8755				
	11	-0.0015	-0.0000	-0.0009	-0.0009	0.3052	2.9610	-0.0004	-0.0000	-0.0012	0.9578	12.8755				
826	10	0.898	1.04	0.0070	-0.0070	1.2197	2.2423	0.0129	0.0042	0.0043	1.6451	1.6835				
	11	0.0157	0.0070	0.0058	0.0058	1.8599	1.5415	0.0092	0.0035	0.0024	1.8844	1.3082				
	12	0.0189	0.0070	0.0058	0.0058	1.7011	2.1263	0.0615	0.0214	0.0207	1.7458	1.6826				
826	4	0.900	0.0107	0.0226	-0.0226	1.7783	1.6458	0.0209	0.0090	0.0077	2.1749	1.8472				
	10	0.902	6.22	0.0218	-0.0218	1.1558	2.0241	0.1375	0.0467	0.0481	1.7014	1.7501				
	11	0.0538	0.0124	0.0518	0.0518	1.7208	1.7493	0.0282	0.0055	0.0108	0.9770	1.9254				
826	6	0.901	9.31	0.0463	-0.0463	1.4261	1.8093	0.2306	0.0714	0.0836	1.5480	1.8129				
	11	0.2344	0.0731	0.0856	0.0856	1.5610	1.8270	0.1170	0.0348	0.0418	1.4895	1.7885				
	12	0.1945	0.0547	0.0705	-0.0705	1.4078	1.8137	0.3286	0.0903	0.1221	1.3748	1.8592				
A26	7	0.3449	0.0701	0.1278	0.1278	1.0166	1.8530	0.1704	0.0535	0.0628	1.5689	1.8429				
	10	0.898	0.00	0.00	-0.00	11.4876	-6.9727	-0.0083	-0.0031	-0.0025	1.8890	1.4974				
	11	-0.0009	-0.0022	-0.0007	-0.0007	0.3166	2.4476	-0.0014	-0.0004	-0.0018	1.6090	6.4295				
827	1	0.898	-3.05	-0.0189	-0.0189	1.9843	1.5644	-0.0810	-0.0310	-0.0273	1.9129	1.6851				
	10	-0.0605	-0.0240	-0.0264	-0.0264	1.8065	1.6642	-0.0609	-0.0219	-0.0218	1.8029	1.7939				
	12	-0.0794	-0.0286	-0.0264	-0.0264	1.8065	1.6642	-0.0609	-0.0219	-0.0218	1.8029	1.7939				
A27	2	0.898	0.04	0.0015	-0.0015	15.5534	12.3421	-0.0112	-0.0046	-0.0034	3.0892	1.5327				
	10	-0.0006	-0.0019	0.0019	-0.0019	1.6980	2.0991	-0.0003	-0.0002	-0.0015	3.3827	24.0059				
	12	-0.0047	-0.0016	-0.0019	-0.0019	1.6980	2.0991	-0.0003	-0.0002	-0.0015	3.3827	24.0059				

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
827	3	10	0.900	1.06	-0.00	1.1869	2.0898	0.0113	0.0034	0.0037	1.5407	1.6462									
		11	0.0182	0.0043	0.0076	1.8255	1.5951	0.0129	0.0044	0.0033	1.7219	1.2832									
		12	0.0191	0.0069	0.0061																
827	4	10	0.899	3.16	-0.00	1.7309	2.1646	0.0627	0.0218	0.0209	1.7389	1.6720									
		11	0.0307	0.0106	0.0132	1.7750	1.6671	0.0237	0.0099	0.0081	2.097A	1.7215									
		12	0.0660	0.0234	0.0220																
827	5	10	0.899	6.23	-0.00	1.0139	2.1011	0.1406	0.0476	0.0489	1.6938	1.7381									
		11	0.0453	0.0091	0.0190	1.7126	1.7570	0.0193	0.0024	0.0075	0.6323	1.9507									
		12	0.1487	0.0509	0.0522																
827	6	10	0.899	9.31	-0.00	1.4145	1.7985	0.2283	0.0706	0.0823	1.5459	1.8026									
		11	0.1256	0.0355	0.0451	1.5610	1.8236	0.1112	0.0326	0.0396	1.4695	1.7825									
		12	0.2338	0.0730	0.0853																
827	7	10	0.901	12.48	-0.00	1.4124	1.8219	0.3358	0.0912	0.1244	1.3593	1.8534									
		11	0.1901	0.0537	0.0692	1.0096	1.8622	0.1698	0.0533	0.0618	1.5709	1.8224									
		12	0.3434	0.0693	0.1279																
827	8	10	0.902	0.02	-0.00	-7.6077	7.1132	-0.0130	-0.0054	-0.0041	2.0689	1.6036									
		11	0.0011	-0.0017	0.0016	-1.8992	1.7780	-0.0036	-0.0014	-0.0031	1.9340	4.2785									
		12	-0.0055	-0.0021	-0.0019																
828	1	10	0.900	-3.00	-0.00	2.0046	1.5762	-0.0998	-0.0387	-0.0341	1.9405	1.7099									
		11	-0.0582	-0.0233	-0.0183	1.8644	1.7116	-0.0584	-0.0213	-0.0211	1.6292	1.8096									
		12	-0.0998	-0.0372	-0.0341																
828	2	10	0.900	0.07	-0.00	-3.9685	5.1036	-0.0259	-0.0087	-0.0074	1.6864	1.4391									
		11	0.0020	-0.0016	0.0021	1.5100	1.6442	-0.0015	-0.0009	-0.0021	3.1153	6.8294									
		12	-0.0138	-0.0041	-0.0045																
828	3	10	0.902	1.08	-0.00	1.1630	2.0108	0.0108	0.0032	0.0033	1.4821	1.5658									
		11	0.0195	0.0045	0.0078	1.8117	1.4604	0.0156	0.0052	0.0039	1.6874	1.2447									
		12	0.0171	0.0062	0.0050																
828	4	10	0.899	3.19	-0.00	1.6727	2.0360	0.0603	0.0208	0.0198	1.7273	1.6410									
		11	0.0355	0.0118	0.0144	1.7944	1.6609	0.0278	0.0110	0.0091	1.9746	1.6484									
		12	0.0651	0.0233	0.0216																
828	5	10	0.898	6.23	-0.00	0.9324	2.1994	0.1388	0.0470	0.0480	1.6942	1.7290									
		11	0.0359	0.0067	0.0158	1.7126	1.7622	0.0095	-0.0003	0.0037	-0.1780	1.9773									
		12	0.1483	0.0508	0.0522																

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																						
828	6	10	0.898	9.32	-0.00	1.3796	1.8235	0.2280	0.0705	0.0822	1.5469	1.8036												
		11	0.186	0.0327	0.0432	1.5587	1.8276	0.1032	0.0295	0.0366	1.4288	1.7757												
		12	0.2344	0.0730	0.0857																			
828	7	10	0.899	12.49	-0.00	1.4102	1.8197	0.3304	0.0905	0.1220	1.3702	1.8461												
		11	0.1868	0.0526	0.0679	1.0072	1.8577	0.1641	0.0518	0.0594	1.5791	1.8126												
		12	0.3456	0.0696	0.1284																			
828	8	10	0.899	0.05	-0.00	-5.8401	5.0646	-0.0242	-0.0083	-0.0072	3.7148	1.4864												
		11	0.0016	-0.0019	0.0016	1.5391	1.6447	-0.0017	-0.0011	-0.0021	3.1025	6.0026												
		12	-0.0121	-0.0037	-0.0039																			
829	3	10	0.898	-3.14	44.99	1.8702	1.6598	0.0108	-0.0003	0.0028	-0.1418	1.3039												
		11	-0.0759	-0.0284	-0.0252	1.7174	1.7591	0.0058	-0.0013	0.0004	-1.1911	0.3882												
		12	-0.0656	-0.0225	-0.0230																			
829	4	10	0.899	-0.03	44.99	1.2477	5.7855	0.0078	-0.0014	0.0017	-0.9177	1.0930												
		11	0.0017	0.0004	0.0020	2.3887	1.2050	0.0051	-0.0017	0.0004	-1.7124	0.4361												
		12	0.0115	0.0054	0.0027																			
829	5	10	0.898	1.00	44.99	1.7885	1.8523	0.0092	-0.0008	0.0025	-0.4380	1.3519												
		11	0.0290	0.0104	0.0107	2.0394	1.5510	0.0065	-0.0014	0.0006	-1.0747	0.4640												
		12	0.0372	0.0151	0.0115																			
829	6	10	0.896	3.06	44.99	1.8023	1.7588	0.0064	-0.0016	0.0015	-1.3172	1.2212												
		11	0.0859	0.0309	0.0302	1.9280	1.6535	0.0074	-0.0010	0.0010	-0.6886	0.7100												
		12	0.0891	0.0343	0.0294																			
829	7	10	0.896	6.16	44.99	1.6768	1.7464	0.0064	-0.0016	0.0014	-1.3145	1.0979												
		11	0.1894	0.0635	0.0661	1.7564	1.7592	0.0101	-0.0000	0.0018	-0.0141	0.8953												
		12	0.1858	0.0653	0.0654																			
829	8	10	0.897	9.31	44.99	1.4728	1.7854	0.0051	-0.0018	0.0012	-1.7433	1.2126												
		11	0.3250	0.0957	0.1160	1.5213	1.8031	0.0121	0.0003	0.0022	0.1358	0.9354												
		12	0.3134	0.0953	0.1130																			
829	9	10	0.897	12.42	45.00	0.8291	1.7769	0.0063	-0.0015	0.0012	-1.2332	0.9956												
		11	0.4169	0.0691	0.1481	0.8679	1.7845	0.0092	-0.0007	0.0015	-0.4311	0.8192												
		12	0.4183	0.0726	0.1493																			
829	10	10	0.895	-0.03	44.99	1.0312	4.8201	0.0085	-0.0010	0.0021	-0.6250	1.2892												
		11	0.0020	0.0004	0.0020	2.3759	1.1585	0.0051	-0.0017	0.0006	-1.7200	0.5840												
		12	0.0113	0.0053	0.0026																			

← See Key →

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																			
830	1	10	0.897	-3.09	44.99	1.8612	1.6643	0.0087	-0.0009	0.0020	-0.5342	1.1666									
		11	-0.0772	-0.0290	-0.0257	1.7289	1.7744	0.0059	-0.0015	0.0002	-1.2700	0.2513									
		12	-0.0699	-0.0241	-0.0248																
A30	2	10	0.897	-0.00	44.99	2.5307	-1.0500	0.0080	-0.0013	0.0017	-0.8135	1.0640									
		11	-0.0022	-0.0011	0.0004	3.2631	0.8093	0.0045	-0.0021	-0.0003	-2.3297	-0.3368									
		12	0.0047	0.0030	0.0007																
830	3	10	0.897	-0.00	44.99	3.0031	-1.2378	0.0075	-0.0014	0.0018	-0.9590	1.2487									
		11	-0.0018	-0.0011	0.0004	3.0401	0.9775	0.0051	-0.0020	0.0001	-1.9794	0.1439									
		12	0.0054	0.0033	0.0010																
830	4	10	0.898	1.03	44.99	1.7448	1.8927	0.0065	-0.0018	0.0014	-1.3899	1.0755									
		11	0.0262	0.0091	0.0099	2.1114	1.5697	0.0058	-0.0017	0.0002	-1.5096	0.2544									
		12	0.0307	0.0129	0.0096																
830	5	10	0.895	3.09	44.99	1.8000	1.8015	0.0078	-0.0014	0.0020	-0.9213	1.2941									
		11	0.0758	0.0273	0.0273	1.9317	1.7264	0.0104	-0.0000	0.0019	-0.0174	0.9389									
		12	0.0774	0.0299	0.0267																
A30	6	10	0.896	6.21	44.99	1.6596	1.7395	0.0067	-0.0016	0.0014	-1.2503	1.0414									
		11	0.1892	0.0628	0.0658	1.7518	1.7468	0.0116	0.0004	0.0025	0.1965	1.1061									
		12	0.1819	0.0637	0.0635																
830	7	10	0.896	9.33	44.99	1.4824	1.7910	0.0050	-0.0020	0.0009	-2.0205	0.9217									
		11	0.3157	0.0936	0.1131	1.5340	1.8017	0.0116	0.0004	0.0021	0.2013	0.9082									
		12	0.3079	0.0944	0.1109																
A30	8	10	0.899	12.44	45.00	0.8266	1.7756	0.0047	-0.0020	0.0009	-2.1638	0.9892									
		11	0.4202	0.0694	0.1492	0.8813	1.7868	0.0080	-0.0012	0.0010	-0.8027	0.6557									
		12	0.4200	0.0740	0.1501																
830	9	10	0.898	-0.01	44.99	2.0891	0.1538	0.0074	-0.0014	0.0017	-0.9571	1.1436									
		11	-0.0045	-0.0019	-0.0001	3.0305	0.5772	0.0045	-0.0021	0.0001	-2.3608	0.1617									
		12	0.0052	0.0032	0.0006																
A31	1	10	0.897	-3.08	44.99	1.8553	1.6641	0.0077	-0.0013	0.0021	-0.8523	1.4191									
		11	-0.0823	-0.0305	-0.0274	1.7212	1.7251	0.0044	-0.0020	-0.0004	-2.2402	-0.5162									
		12	-0.0732	-0.0252	-0.0252																
17831	2	10	0.899	-0.00	44.99	2.2280	0.3702	0.0073	-0.0015	0.0015	-1.0714	1.0692									
		11	-0.0040	-0.0017	-0.0002	3.9780	0.6726	0.0053	-0.0019	0.0001	-1.7790	0.1382									
		12	-0.0034	0.0027	0.0004																

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
831	3	10	0.898	1.04	44.99	1.7026	1.8925	0.0085	-0.0010	0.0017	-0.6209	1.0104	0.0239	0.0081	0.0090	2.0962	1.5231	0.0064	-0.0016	0.0004	-1.2863	0.3507
		11	0.0293	0.0123	0.0089																	
		12	0.0738	0.0289	0.0261	1.6145	1.7911	0.0068	-0.0016	0.0011	-1.2453	0.8086	0.0745	0.0270	0.0266	1.9595	1.7677	0.0110	-0.0001	0.0016	-0.0747	0.7577
831	4	10	0.896	3.10	44.99	1.6576	1.7498	0.0075	-0.0014	0.0014	-0.9532	0.9340	0.0738	0.0289	0.0261	1.7507	1.7506	0.0135	0.0009	0.0028	0.3524	1.0650
		11	0.1825	0.0605	0.0638	1.4805	1.7838	0.0071	-0.0014	0.0015	-0.9982	1.0690	0.1789	0.0626	0.0626	1.5340	1.8017	0.0110	0.0000	0.0019	0.0400	0.8912
		12	0.3085	0.0946	0.1111	0.8283	1.7689	0.0040	-0.0023	0.0003	-2.8757	0.3935	0.897	0.0026	0.0024	0.8804	1.7865	0.0116	-0.0001	0.0019	-0.0772	0.8440
831	7	10	0.900	12.45	45.00	2.1331	0.3078	0.0064	-0.0016	0.0014	-1.3145	1.0979	0.4220	0.0699	0.1493	0.8283	1.7689	0.0040	-0.0023	0.0003	-2.8757	0.3935
		11	0.4203	0.0740	0.1501	4.6723	0.8717	0.0055	-0.0020	-0.0004	-1.8263	0.8440	0.4203	0.0740	0.1501	0.8804	1.7865	0.0116	-0.0001	0.0019	-0.0772	0.8440
		12	0.897	-0.00	44.99	1.8651	1.6344	0.0085	-0.0010	0.0017	-0.6209	1.0104	0.897	-0.0026	0.0024	1.7097	1.7088	0.0055	-0.0018	-0.0003	-1.7560	-0.2880
832	1	10	0.897	3.06	44.99	1.9817	0.9355	0.0057	-0.0020	0.0010	-1.7894	0.9471	-0.0048	-0.0032	-0.0015	40.1112	26.8462	0.0047	-0.0022	-0.0003	-2.4043	-0.3275
		11	0.0081	0.0032	0.0010																	
		12	0.0002	0.0016	0.0010	1.6493	1.9255	0.0073	-0.0015	0.0014	-1.0693	0.9614	0.897	0.0199	0.0076	2.1424	1.5803	0.0058	-0.0020	0.0002	-1.7560	0.2577
832	2	10	0.897	0.03	44.99	1.8102	1.7875	0.0065	-0.0016	0.0012	-1.3871	0.9551	-0.0081	-0.0032	-0.0010	1.9817	0.9355	0.0047	-0.0022	-0.0003	-2.4043	-0.3275
		11	0.0081	0.0032	0.0010																	
		12	0.0002	0.0016	0.0010	1.8102	1.7875	0.0113	-0.0001	0.0019	-1.3871	0.9551	0.897	0.0199	0.0076	2.1424	1.5803	0.0058	-0.0020	0.0002	-1.7560	0.2577
832	3	10	0.897	1.06	44.99	1.6349	1.7287	0.0060	-0.0019	0.0009	-1.6145	0.7821	0.897	0.0199	0.0076	1.6493	1.9255	0.0073	-0.0015	0.0014	-1.0693	0.9614
		11	0.0199	0.0065	0.0076	1.8102	1.7875	0.0065	-0.0016	0.0012	-1.3871	0.9551	0.0199	0.0076	0.0076	1.9817	0.9355	0.0047	-0.0022	-0.0003	-2.4043	-0.3275
		12	0.0248	0.0106	0.0078	1.9817	0.9355	0.0047	-0.0022	-0.0003	-2.4043	-0.3275	0.897	0.0248	0.0078	2.1424	1.5803	0.0058	-0.0020	0.0002	-1.7560	0.2577
832	4	10	0.896	3.11	44.99	1.6349	1.7287	0.0060	-0.0019	0.0009	-1.6145	0.7821	0.896	0.0722	0.0261	1.8102	1.7875	0.0113	-0.0001	0.0019	-1.3871	0.9551
		11	0.0722	0.0261	0.0249																	
		12	0.0702	0.0278	0.0249	1.6349	1.7287	0.0159	0.0015	0.0009	-1.6145	0.7821	0.896	0.0702	0.0278	1.9817	0.9355	0.0047	-0.0022	-0.0003	-2.4043	-0.3275
832	5	10	0.897	6.24	44.99	1.6349	1.7287	0.0060	-0.0019	0.0009	-1.6145	0.7821	0.897	0.1830	0.0598	1.6349	1.7287	0.0159	0.0015	0.0009	-1.6145	0.7821
		11	0.1830	0.0598	0.0633																	
		12	0.1751	0.0610	0.0610	1.6349	1.7287	0.0159	0.0015	0.0009	-1.6145	0.7821	0.1751	0.0610	0.0610	1.7427	1.7418	0.0159	0.0015	0.0009	-1.6145	0.7821

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key											
			0.896	0.3170	0.0937	9.37	44.99	1.4817	1.7829	0.0049	-0.0021	0.0007	0.0006	-2.2312
832	6	10	0.3039	0.0937	0.1095	1.5420	1.8021	0.0131	-0.0007	0.0024	0.0006	-2.2312	0.6404	
	11	12	0.898	12.47	45.00	0.8384	1.7698	0.0051	-0.0020	0.0007	-2.0759	0.7674		
832	7	10	0.4199	0.0741	0.1505	0.8822	1.7928	0.0120	-0.0001	0.0019	-0.0765	0.8196		
	11	12	0.896	0.025	44.99	2.0215	0.7146	0.0065	-0.0018	0.0012	-1.3871	0.9551		
832	8	10	-0.0063	-0.0009	-0.0010	-2.4661	2.7592	0.0067	-0.0016	0.0002	-1.2181	0.2203		
	11	12	0.895	-3.05	44.99	1.9028	1.6084	0.0065	-0.0018	0.0010	-1.3843	0.8350		
833	1	10	-0.0898	-0.0320	-0.0300	1.7806	1.6708	0.0055	-0.0020	-0.0004	-1.8263	-0.4188		
	11	12	0.899	0.06	44.99	1.8908	1.0882	0.0071	-0.0016	0.0012	-1.1900	0.8796		
833	2	10	-0.0135	-0.0052	-0.0030	0.8006	1.8883	0.0054	-0.0022	-0.0004	-2.0943	-0.4254		
	11	12	0.898	1.10	44.99	1.6812	2.0489	0.0052	-0.0021	0.0007	-2.0921	0.7479		
833	3	10	0.0172	0.0058	0.0070	2.2527	1.4659	0.0067	-0.0019	-0.0003	-1.4056	-0.2291		
	11	12	0.0687	0.0273	0.0237	1.8129	1.7728	0.0050	-0.0023	0.0006	-2.3048	0.6235		
833	4	10	0.899	3.16	44.99	1.9874	1.7301	0.0114	-0.0001	0.0016	-0.0740	0.7345		
	11	12	0.1735	0.0560	0.0613	1.6144	1.7678	0.0073	-0.0015	0.0012	-1.0672	0.8539		
833	5	10	0.1684	0.0580	0.0588	1.7246	1.7475	0.0164	0.0015	0.0036	0.4784	1.1180		
	11	12	0.897	9.40	44.99	1.4874	1.7806	0.0060	-0.0019	0.0007	-1.6112	0.6513		
833	6	10	0.3131	0.0931	0.1115	1.5487	1.7956	0.0144	0.0010	0.0030	0.3711	1.0513		
	11	12	0.897	12.49	45.00	0.8247	1.7697	0.0051	-0.0020	0.0007	-2.0159	0.7674		
833	7	10	0.4190	0.0691	0.1483	0.8811	1.7874	0.0207	0.0018	0.0051	0.4510	1.2497		
	11	12	0.899	0.05	44.99	1.8686	1.1266	0.0065	-0.0018	0.0014	-1.3899	1.0755		
833	8	10	-0.0155	-0.0058	-0.0035	0.8215	1.7649	0.0050	-0.0022	-0.0004	-2.2339	-0.4544		
	11	12	0.0086	-0.0014	-0.0030									

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →																			
834	1	10	0.895	-3.02	44.99	1.9150	1.6223	0.0070	-0.0019	0.0012	-1.3905	0.0012	-1.7141	0.0006	-0.0006	-1.3905	0.0012	-1.7141	0.0006	-0.0006	0.8698	
	11	11	-0.1029	-0.0394	-0.0333	1.7959	1.6758	0.0058	-0.0020	-0.0006	-1.7141	-0.0006	-1.7141	-0.0006	-0.0006	-1.7141	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	0.5231
	12	12	-0.0983	-0.0353	-0.0329																	
834	2	10	0.898	0.08	44.99	2.0274	1.2631	0.0068	-0.0020	0.0012	-1.5289	0.0012	-2.4444	-0.0007	-0.0007	-1.5289	0.0012	-2.4444	-0.0007	-0.0007	0.9178	
	11	11	-0.0169	-0.0058	-0.0042	1.2994	1.9383	0.0048	-0.0023	-0.0007	-2.4444	-0.0007	-2.4444	-0.0007	-0.0007	-2.4444	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	0.7638
	12	12	-0.0122	-0.0031	-0.0047																	
834	3	10	0.895	1.11	44.99	1.5946	2.1457	0.0071	-0.0017	0.0014	-1.1924	0.0014	-2.0943	-0.0004	-0.0004	-1.1924	0.0014	-2.0943	-0.0004	-0.0004	0.9904	
	11	11	0.0132	0.0042	0.0057	2.2997	1.5144	0.0054	-0.0022	-0.0004	-2.0943	-0.0004	-2.0943	-0.0004	-0.0004	-2.0943	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	0.4254
	12	12	0.0157	0.0072	0.0047																	
834	4	10	0.897	3.17	44.99	1.7990	1.7284	0.0069	-0.0018	0.0007	-1.3129	0.0007	-1.3129	0.0007	0.0007	-1.3129	0.0007	-1.3129	0.0007	0.0007	0.5658	
	11	11	0.0732	0.0263	0.0253	1.9704	1.7205	0.0117	-0.0001	0.0015	-0.0715	0.0015	-0.0715	0.0015	0.0015	-0.0715	0.0015	-0.0715	0.0015	0.0015	0.6471	
	12	12	0.0683	0.0269	0.0235																	
834	5	10	0.895	6.28	44.99	1.5579	1.7578	0.0071	-0.0016	0.0010	-1.1877	0.0010	-1.1877	0.0039	0.0039	-1.1877	0.0010	-1.1877	0.0039	0.0039	0.7691	
	11	11	0.1673	0.0521	0.0588	1.6929	1.7486	0.0181	0.0020	0.0039	-1.1877	0.0039	-1.1877	0.0039	0.0039	-1.1877	0.0039	-1.1877	0.0039	0.0039	1.0861	
	12	12	0.1611	0.0545	0.0563																	
834	6	10	0.897	9.41	44.99	1.4838	1.7808	0.0052	-0.0021	0.0006	-2.0675	0.0006	-2.0675	0.0043	0.0043	-2.0675	0.0006	-2.0675	0.0043	0.0043	0.5980	
	11	11	0.3157	0.0937	0.1124	1.5506	1.7924	0.0192	0.0022	0.0043	-2.0675	0.0043	-2.0675	0.0043	0.0043	-2.0675	0.0043	-2.0675	0.0043	0.0043	1.1429	
	12	12	0.2996	0.0929	0.1074																	
834	7	10	0.897	12.50	45.00	0.8276	1.7657	0.0056	-0.0019	0.0007	-1.7060	0.0007	-1.7060	0.0065	0.0065	-1.7060	0.0007	-1.7060	0.0065	0.0065	0.913	
	11	11	0.4182	0.0692	0.1476	0.8820	1.7851	0.0235	0.0025	0.0065	-1.7060	0.0065	-1.7060	0.0065	0.0065	-1.7060	0.0065	-1.7060	0.0065	0.0065	1.3847	
	12	12	0.4182	0.0737	0.1493																	
834	8	10	0.896	0.08	44.99	2.0494	1.2089	0.0058	-0.0024	0.0010	-2.1129	0.0010	-2.1129	-0.0004	-0.0004	-2.1129	0.0010	-2.1129	-0.0004	-0.0004	0.9386	
	11	11	-0.0151	-0.0062	-0.0036	1.3388	1.9958	0.0062	-0.0020	-0.0004	-2.1129	-0.0004	-2.1129	-0.0004	-0.0004	-2.1129	-0.0004	-2.1129	-0.0004	-0.0004	-0.0004	0.3721
	12	12	-0.0119	-0.0031	-0.0047																	
835	1	10	0.895	-2.96	44.99	1.9184	1.6551	0.0062	-0.0018	0.0006	-1.4491	0.0006	-1.4491	-0.0006	-0.0006	-1.4491	0.0006	-1.4491	-0.0006	-0.0006	0.5030	
	11	11	-0.1036	-0.0397	-0.0343	1.7975	1.6922	0.0058	-0.0020	-0.0006	-1.4491	-0.0006	-1.4491	-0.0006	-0.0006	-1.4491	-0.0006	-1.4491	-0.0006	-0.0006	-0.0006	0.5231
	12	12	-0.1005	-0.0361	-0.0340																	
835	2	10	0.895	0.12	44.99	1.8013	1.3135	0.0082	-0.0014	0.0015	-0.8800	0.0015	-0.8800	-0.0004	-0.0004	-0.8800	0.0015	-0.8800	-0.0004	-0.0004	0.9509	
	11	11	-0.0302	-0.0108	-0.0079	1.4064	1.5389	0.0067	-0.0018	-0.0004	-0.8800	-0.0004	-0.8800	-0.0004	-0.0004	-0.8800	-0.0004	-0.8800	-0.0004	-0.0004	-0.0004	0.3412
	12	12	-0.0268	-0.0075	-0.0082																	
835	3	10	0.896	1.15	44.99	1.3198	2.1187	0.0081	-0.0017	0.0014	-1.0483	0.0014	-1.0483	-0.0007	-0.0007	-1.0483	0.0014	-1.0483	-0.0007	-0.0007	0.8637	
	11	11	0.0104	0.0027	0.0044	2.0970	1.1842	0.0050	-0.0025	-0.0007	-1.0483	-0.0007	-1.0483	-0.0007	-0.0007	-1.0483	-0.0007	-1.0483	-0.0007	-0.0007	-0.0007	0.7632
	12	12	0.0136	0.0057	0.0032																	

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →														
835	4	10	0.897	3.21	44.99	1.7894	1.7395	0.0060	-0.0023	0.0006	-1.9201	0.0009	-0.3722	0.5166			
			0.0689	0.0246	0.0239	1.9639	1.6640	0.0106	-0.0007	0.0000	-0.3722	0.0006	-1.9201	0.0009	-0.3722	0.5166	
			0.0657	0.0258	0.0218												
835	5	10	0.896	6.30	44.99	1.5197	1.8065	0.0091	-0.0013	0.0017	-0.7282	0.0040	0.5852	0.9424			
			0.1509	0.0458	0.0545	1.5887	1.7588	0.0195	0.0022	0.0000	0.5852	0.0040	-0.7282	0.0040	0.5852	0.9424	
			0.1511	0.0480	0.0531												
835	6	10	0.897	9.43	44.99	1.4926	1.7774	0.0055	-0.0021	0.0007	-1.9659	0.0043	0.5952	0.7013			
			0.3072	0.0917	0.1092	1.5600	1.7853	0.0191	0.0022	0.0000	0.5952	0.0043	-1.9659	0.0043	0.5952	0.7013	
			0.2930	0.0914	0.1046												
835	7	10	0.897	12.51	45.00	0.8244	1.7677	0.0052	-0.0021	0.0003	-2.0784	0.0090	0.7302	0.2997			
			0.4173	0.0688	0.1475	0.8823	1.7845	0.0308	0.0045	0.0000	0.7302	0.0090	-2.0784	0.0090	0.7302	0.2997	
			0.4171	0.0736	0.1488												
835	8	10	0.897	0.11	44.99	1.7993	1.2152	0.0051	-0.0024	0.0009	-2.3849	0.0006	-2.1550	0.9124			
			0.0346	-0.0124	-0.0084	1.4777	1.5553	0.0055	-0.0024	-0.0000	-2.1550	0.0006	-2.3849	0.0006	-2.1550	0.9124	
			-0.0316	-0.0093	-0.0098												
836	5	10	1.250	-3.17	-0.00	1.9040	1.5779	-0.0223	-0.0089	-0.0083	1.9955	1.7391	1.0764				
			0.0653	-0.0249	-0.0206	2.6814	2.4029	-0.0672	-0.0234	-0.0233	1.9955	1.7391	1.0764				
			-0.0123	-0.0066	-0.0059												
836	6	10	1.250	-0.05	-0.00	3.3399	3.5308	0.0043	0.0025	0.0019	-4.5056	-4.5731	2.2117				
			0.0041	-0.0027	0.0029	2.0894	1.2044	0.0007	-0.0006	-0.0006	-4.5056	-4.5731	2.2117				
			0.0139	0.0058	0.0033												
836	7	10	1.250	0.99	-0.00	0.8611	1.9799	0.0250	0.0108	0.0084	2.1725	1.5384	1.6070				
			0.0245	0.0042	0.0097	2.0757	1.4934	0.0208	0.0064	0.0058	2.1725	1.5384	1.6070				
			0.0338	0.0140	0.0101												
836	8	10	1.250	3.08	-0.00	1.3175	1.8595	0.0703	0.0260	0.0240	1.6481	1.7403	1.7092				
			0.0487	0.0128	0.0181	1.8170	1.6253	0.0408	0.0142	0.0133	1.7403	1.7403	1.7092				
			0.0787	0.0286	0.0255												
836	9	10	1.248	6.27	-0.00	1.4248	1.8133	0.1548	0.0467	0.0544	1.5091	1.5403	1.7592				
			0.0666	0.0246	0.0314	1.4825	1.7547	0.0768	0.0236	0.0268	1.5403	1.5403	1.7592				
			0.1630	0.0483	0.0572												
836	10	10	1.248	9.38	-0.00	1.3853	1.8299	0.2533	0.0596	0.0918	1.1776	1.4153	1.6123				
			0.1319	0.0365	0.0482	1.1704	1.8157	0.1192	0.0337	0.0432	1.4153	1.4153	1.6123				
			0.2560	0.0599	0.0929												

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key															
836	11	1.249	12.60	-0.00	1.2194	1.8976	0.3611	0.0675	0.1318	0.9356	1.8250						
	11	0.1704	0.0415	0.0646	0.9490	1.8390	0.1574	0.0368	0.0591	1.1708	1.8771						
	12	0.3604	0.0684	0.1325													
836	12	1.250	-0.005	-0.00	-4.2346	3.5517	0.0043	0.0025	0.0021	2.8901	2.4789						
	11	0.0039	-0.0033	0.0027	2.1281	1.1778	0.0013	-0.0005	-0.0006	-2.0428	-2.3967						
	12	0.0128	0.0054	0.0030													
837	1	1.251	-3.18	-0.00	1.9426	1.5917	-0.0310	-0.0110	-0.0111	1.7784	1.8009						
	11	0.0650	-0.0252	-0.0207	2.1396	2.1736	-0.0694	-0.0232	-0.0243	1.6738	1.7550						
	12	-0.0189	-0.0081	-0.0082													
837	2	1.250	-0.01	-0.00	-8.4547	5.0952	0.0037	0.0022	0.0017	3.0658	2.3304						
	11	0.0020	-0.0035	0.0021	2.0567	1.2040	-0.0014	-0.0004	-0.0012	1.4717	4.1944						
	12	0.0136	0.0056	0.0032													
837	3	1.252	0.99	-0.00	0.8180	2.0090	0.0232	0.0094	0.0079	2.0300	1.7074						
	11	0.0207	0.0033	0.0083	1.9148	1.5057	0.0149	0.0056	0.0038	1.8773	1.2708						
	12	0.0334	0.0128	0.0100													
837	4	1.247	3.14	-0.00	1.4492	2.0324	0.0714	0.0248	0.0246	1.7397	1.7236						
	11	0.0343	0.0099	0.0139	1.7701	1.6361	0.0273	0.0109	0.0089	2.0077	1.6285						
	12	0.0792	0.0280	0.0259													
837	5	1.248	6.28	-0.00	1.4106	1.8797	0.1559	0.0454	0.0548	1.4580	1.7579						
	11	0.0723	0.0204	0.0271	1.4387	1.7481	0.0634	0.0188	0.0218	1.4872	1.7189						
	12	0.1646	0.0473	0.0575													
837	6	1.249	9.41	-0.00	1.4076	1.8576	0.2541	0.0592	0.0915	1.1658	1.8010						
	11	0.1233	0.0347	0.0458	1.1537	1.8148	0.1095	0.0320	0.0397	1.4642	1.8130						
	12	0.2595	0.0598	0.0941													
837	7	1.251	12.66	-0.00	1.2053	1.9111	0.3630	0.0664	0.1330	0.9151	1.8320						
	11	0.1664	0.0401	0.0636	0.9239	1.8394	0.1484	0.0353	0.0559	1.1899	1.8844						
	12	0.3664	0.0677	0.1347													
837	8	1.249	-0.02	-0.00	-8.3259	4.6148	0.0035	0.0021	0.0014	3.0601	2.1024						
	11	0.0021	-0.0036	0.0020	2.0632	1.2277	-0.0003	-0.0005	-0.0013	7.9787	19.9890						
	12	0.0128	0.0052	0.0031													
838	1	1.250	-3.13	-0.00	2.0127	1.5953	-0.0348	-0.0118	-0.0123	1.7007	1.7722						
	11	-0.0645	-0.0259	-0.0205	1.8380	2.0330	-0.0665	-0.0236	-0.0236	1.7753	1.7790						
	12	-0.0245	-0.0090	-0.0099													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
838	2	10	1.249	-0.000	-0.000	0.000	-0.000	-7.5796	4.0653	0.0016	0.0015	0.0007	4.4486	2.3454					
		11	0.0023	-0.0035	0.0018	0.0029	-2.2077	1.1956	-0.0021	-0.0008	-0.0018	4.4486	4.3093						
		12	0.0122	0.0053	0.0029	0.0029						2.0108							
838	3	10	1.250	1.03	-0.000	0.000	0.8500	2.0303	0.0231	0.0097	0.0078	2.1027	1.6987						
		11	0.019A	0.0033	0.0080	0.0099	1.9863	1.5050	0.0141	0.0050	0.0033	1.7682	1.1728						
		12	0.0331	0.0131	0.0099	0.0099													
838	4	10	1.249	3.13	-0.000	0.000	1.4306	2.0528	0.0690	0.0239	0.0233	1.7358	1.6899						
		11	0.0332	0.0095	0.0136	0.0258	1.7425	1.6404	0.0239	0.0098	0.0073	2.0599	1.5280						
		12	0.0788	0.0274	0.0258	0.0258													
838	5	10	1.250	6.29	-0.000	0.000	1.4029	1.8991	0.1555	0.0448	0.0547	1.4434	1.7592						
		11	0.0682	0.0191	0.0259	0.0586	1.4075	1.7597	0.0565	0.0165	0.0194	1.4594	1.7215						
		12	0.1667	0.0469	0.0586	0.0586													
838	6	10	1.250	9.40	-0.000	0.000	1.4095	1.8507	0.2526	0.0588	0.0911	1.1647	1.8044						
		11	0.1228	0.0346	0.0454	0.0937	1.1456	1.8161	0.1056	0.0308	0.0379	1.4592	1.7960						
		12	0.2581	0.0591	0.0937	0.0937													
838	7	10	1.251	12.65	-0.000	0.000	1.2091	1.9083	0.3619	0.0664	0.1320	0.9180	1.8244						
		11	0.1646	0.0398	0.0628	0.1351	0.9241	1.8434	0.1442	0.0343	0.0545	1.1900	1.8898						
		12	0.3666	0.0677	0.1351	0.1351													
838	8	10	1.250	-0.03	-0.000	0.000	97.2885	1.3213	0.0021	0.0015	0.0007	3.7969	1.8888						
		11	-0.0002	-0.0042	0.0015	0.0030	2.2253	-0.0022	-0.0010	-0.0022	-0.0022	2.3677	4.9922						
		12	-0.0114	0.0050	0.0030	0.0030													
839	1	10	1.250	-3.09	-0.000	0.000	2.0861	1.5607	-0.0456	-0.0146	-0.0159	1.5976	1.7449						
		11	-0.0635	-0.0264	-0.0198	-0.0124	1.6111	1.8252	-0.0665	-0.0246	-0.0237	1.8516	1.7866						
		12	-0.0341	-0.0110	-0.0124	-0.0124													
839	2	10	1.250	-0.03	-0.000	0.000	45.0665	1.1644	-0.0020	0.0007	-0.0005	-1.9635	1.4103						
		11	-0.0004	-0.0042	0.0014	0.0021	2.5322	1.1570	-0.0046	-0.0017	-0.0028	1.8985	3.0688						
		12	-0.0091	0.0046	0.0021	0.0021													
839	3	10	1.250	1.03	-0.000	0.000	0.7254	2.2174	0.0219	0.0090	0.0070	2.0551	1.5992						
		11	0.0153	0.0022	0.0067	0.0091	1.9618	1.4840	0.0109	0.0042	0.0022	1.9646	1.0099						
		12	0.0308	0.0121	0.0091	0.0091													
839	4	10	1.251	3.18	-0.000	0.000	1.4982	2.2055	0.0747	0.0247	0.0249	1.6565	1.6690						
		11	0.0241	0.0072	0.0106	0.0262	1.6494	1.6311	0.0195	0.0096	0.0057	2.4752	1.4765						
		12	0.0803	0.0265	0.0262	0.0262													

TABLE VIIA
 FAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																								
839	5	10	1.250	6.28	-0.00	1.3214	1.9500	0.1576	0.0443	0.0550	1.4064	1.7447														
	11	11	0.0575	0.0152	0.0224	1.3704	1.7458	0.0431	0.0124	0.0145	1.4453	1.6889														
	12	12	0.1686	0.0462	0.0588																					
839	6	10	1.250	9.42	-0.00	1.4387	1.8766	0.2554	0.0585	0.0918	1.1458	1.7978														
	11	11	0.1146	0.0330	0.0430	1.1317	1.8112	0.0996	0.0297	0.0360	1.4946	1.8082														
	12	12	0.2621	0.0593	0.0949																					
839	7	10	1.247	12.64	-0.00	1.2161	1.9239	0.3632	0.0660	0.1324	0.9092	1.8232														
	11	11	0.1571	0.0382	0.0604	0.9303	1.8394	0.1438	0.0347	0.0539	1.2061	1.8768														
	12	12	0.3664	0.0681	0.1348																					
839	8	10	1.254	-0.02	-0.00	1.8768	7.8662	-0.0009	0.0006	-0.0004	-3.7230	2.4841														
	11	11	0.0000	-0.0038	0.0012	1.2242	-0.0050	-0.0010	-0.0032	1.0769	1.5121															
	12	12	0.0100	0.0037	0.0024																					
840	1	10	1.250	-3.08	-0.00	2.2274	1.5844	-0.0618	-0.0201	-0.0206	1.6263	1.6668														
	11	11	0.0614	-0.0273	-0.0194	1.5174	1.7658	-0.0633	-0.0251	-0.0228	1.9823	1.8074														
	12	12	-0.0507	-0.0153	-0.0179																					
840	2	10	1.241	0.01	-0.00	19.4134	-5.3720	-0.0080	-0.0001	-0.0026	0.1035	1.6491														
	11	11	0.0010	-0.0040	0.0011	4.9830	0.4619	-0.0029	-0.0033	-0.0024	5.7376	4.1851														
	12	12	0.0036	0.0036	0.0003																					
840	3	10	1.249	-0.01	-0.00	41.5110	-10.2219	-0.0058	-0.0001	-0.0019	-0.1587	1.6599														
	11	11	0.0005	-0.0045	0.0003	3.9672	0.4013	-0.0036	-0.0023	-0.0025	3.2779	3.5152														
	12	12	0.0041	0.0033	0.0003																					
840	4	10	1.250	1.08	-0.00	0.8277	2.1293	0.0188	0.0080	0.0060	2.1359	1.5981														
	11	11	0.0157	0.0026	0.0067	1.9116	1.4228	0.0099	0.0041	0.0016	2.0860	0.8365														
	12	12	0.0303	0.0115	0.0086																					
840	5	10	1.250	3.19	-0.00	1.7049	2.2437	0.0717	0.0236	0.0241	1.6451	1.6797														
	11	11	0.0214	0.0073	0.0096	1.6549	1.6264	0.0155	0.0086	0.0045	2.7828	1.4561														
	12	12	0.0795	0.0263	0.0258																					
840	6	10	1.251	6.33	-0.00	1.2262	2.0544	0.1598	0.0437	0.0555	1.3691	1.7365														
	11	11	0.0426	0.0104	0.0175	1.3273	1.7473	0.0268	0.0074	0.0090	1.3910	1.6879														
	12	12	0.1707	0.0453	0.0596																					
840	7	10	1.250	9.45	-0.00	1.4503	1.8863	0.2553	0.0581	0.0917	1.1384	1.7939														
	11	11	0.1067	0.0309	0.0402	1.1335	1.8091	0.0981	0.0297	0.0352	1.5139	1.7963														
	12	12	0.2632	0.0596	0.0952																					

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Cd	See Key											
840	8	1.250	12.65	-0.00	1.2368	1.9357	0.3646	0.0661	0.1324	0.9064	1.8166		
	11	0.1524	0.0377	0.0590	0.9224	1.8344	0.1374	0.0339	0.0516	1.2337	1.8788		
	12	0.3677	0.0678	0.1349									
840	9	1.250	0.01	-0.00	93.5933	26.4978	-0.0051	0.0002	-0.0021	-0.2640	3.0959		
	11	-0.0002	-0.0043	0.0012	3.6999	0.7116	-0.0044	-0.0027	-0.0030	3.0631	3.4753		
	12	0.0047	0.0034	0.0006									
841	1	1.251	-3.05	-0.00	2.3685	1.5687	-0.0799	-0.0258	-0.0267	1.6143	1.6722		
	11	-0.0578	-0.0274	-0.0181	1.5760	1.7242	-0.0626	-0.0265	-0.0226	2.1241	1.8096		
	12	-0.0710	-0.0223	-0.0244									
841	2	1.250	0.05	-0.00	122.8668	32.5895	-0.0083	-0.0029	-0.0030	0.1516	3.4975		
	11	-0.0001	-0.0045	0.0012	6.4009	-0.2725	-0.0042	-0.0029	-0.0029	3.4265	3.4975		
	12	0.0020	0.0026	-0.0001									
841	6	1.249	1.10	-0.00	0.7987	1.8927	0.0159	0.0084	0.0060	2.6624	1.8916		
	11	0.0179	0.0028	0.0068	2.1740	1.3838	0.0074	0.0026	0.0017	1.7761	1.1916		
	12	0.0250	0.0109	0.0069									
841	7	1.251	3.21	-0.00	1.8671	2.1280	0.0683	0.0232	0.0234	3.8873	1.7129		
	11	0.0231	0.0086	0.0098	1.6893	1.6202	0.0100	0.0078	0.0038	1.7022	1.9324		
	12	0.0763	0.0257	0.0247									
841	8	1.252	6.35	-0.00	1.2339	2.1023	0.1609	0.0439	0.0568	1.3635	1.7653		
	11	0.0342	0.0084	0.0144	1.3016	1.7502	0.0037	0.0021	0.0016	2.8343	2.2318		
	12	0.1704	0.0443	0.0596									
841	9	1.251	9.46	-0.00	1.4662	1.8701	0.2542	0.0583	0.0917	1.1479	1.8045		
	11	0.1059	0.0310	0.0396	1.1341	1.8088	0.0901	0.0277	0.0334	1.5412	1.8535		
	12	0.2580	0.0585	0.0933									
841	10	1.251	12.66	-0.00	1.2642	1.9092	0.3593	0.0664	0.1317	0.9243	1.8327		
	11	0.1539	0.0389	0.0587	0.9287	1.8389	0.1320	0.0330	0.0510	1.2499	1.9334		
	12	0.3623	0.0673	0.1332									
841	11	1.250	0.04	-0.00	5.2471	-0.0086	-0.0056	-0.0005	-0.0026	-0.2976	1.5189		
	11	0.0013	-0.0040	0.0014	14.9567	6.5246	-0.0056	-0.0033	-0.0025	-0.2976	2.2339		
	12	-0.0010	0.0023	-0.0013	11.3743								
842	1	1.250	-3.01	-0.00	2.5478	1.5644	-0.1043	-0.0317	-0.0354	1.5213	1.6992		
	11	-0.0544	-0.0277	-0.0170	1.5663	1.7967	-0.0600	-0.0276	-0.0209	2.3066	1.7434		
	12	-0.1021	-0.0320	-0.0367									

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
A43	7	10	1.250	6.23	44.99	1.3413	1.7415	-0.0040	-0.0040	-0.0040	-0.0007	0.0013	4.9632	1.8096																						
		11	0.1966	0.0527	0.0685	1.5143	1.7317	0.0095	-0.0007	0.0013	-0.0013	-0.3713	4.9632	1.8096																						
		12	0.1810	0.0548	0.0627	1.5143	1.7317	0.0095	-0.0007	0.0013	-0.0013	-0.3713	4.9632	1.8096																						
A43	8	10	1.250	9.40	44.99	1.0891	1.7789	-0.0023	-0.0050	-0.0011	0.0018	10.6909	2.4060																							
		11	0.3132	0.0682	0.1114	1.2048	1.7789	0.0123	-0.0013	0.0018	-0.0018	-0.5360	2.4060																							
		12	0.2924	0.0704	0.1040	1.2048	1.7789	0.0123	-0.0013	0.0018	-0.0018	-0.5360	2.4060																							
A43	9	10	1.249	12.57	44.99	0.9387	1.7774	-0.0022	-0.0049	-0.0010	0.0038	11.2081	2.3110																							
		11	0.4293	0.0806	0.1526	1.0009	1.7912	0.0162	0.0000	0.0038	0.0210	11.2081	2.3110																							
		12	0.4039	0.0808	0.1447	1.0009	1.7912	0.0162	0.0000	0.0038	0.0210	11.2081	2.3110																							
A43	10	10	1.251	-0.05	44.99	2.6190	1.6947	0.0016	-0.0021	0.0000	-0.0006	-6.5216	0.0060																							
		11	0.0059	-0.0000	0.0031	-0.0601	2.6190	-0.0010	-0.0028	-0.0006	-0.0012	-3.7337	-4.0511																							
		12	0.0108	0.0049	0.0022	-0.0601	2.6190	-0.0010	-0.0028	-0.0006	-0.0012	-3.7337	-4.0511																							
A44	1	10	1.250	-3.16	44.99	1.8232	1.6947	0.0016	-0.0021	0.0000	-0.0006	-6.5216	0.0060																							
		11	0.0731	-0.0266	-0.0247	1.8232	1.6947	0.0016	-0.0021	0.0000	-0.0006	-6.5216	0.0060																							
		12	-0.0709	-0.0220	-0.0259	1.8232	1.6947	0.0016	-0.0021	0.0000	-0.0006	-6.5216	0.0060																							
A44	2	10	1.251	-0.03	44.99	3.0419	3.0419	-0.0021	-0.0025	-0.0010	0.0012	-1.4358	2.4094																							
		11	0.0025	-0.0007	0.0015	-1.4601	3.0419	-0.0021	-0.0025	-0.0010	0.0012	-1.4358	2.4094																							
		12	0.0042	0.0030	0.0001	-3.5760	3.0419	-0.0021	-0.0025	-0.0010	0.0012	-1.4358	2.4094																							
A44	3	10	1.251	1.01	44.99	1.6164	1.7556	-0.0010	-0.0021	-0.0006	0.0010	10.8339	3.3757																							
		11	0.0290	0.0093	0.0102	2.1876	1.7556	-0.0010	-0.0021	-0.0006	0.0010	10.8339	3.3757																							
		12	0.0300	0.0131	0.0086	2.1876	1.7556	-0.0010	-0.0021	-0.0006	0.0010	10.8339	3.3757																							
A44	4	10	1.250	3.11	44.99	1.5334	1.7666	-0.0034	-0.0032	-0.0014	0.0007	4.6462	2.1462																							
		11	0.0843	0.0258	0.0298	1.8000	1.7666	-0.0034	-0.0032	-0.0014	0.0007	4.6462	2.1462																							
		12	0.0763	0.0274	0.0262	1.8000	1.7666	-0.0034	-0.0032	-0.0014	0.0007	4.6462	2.1462																							
A44	5	10	1.249	6.26	44.99	1.3578	1.7399	-0.0030	-0.0036	-0.0012	0.0019	5.8618	2.0409																							
		11	0.1918	0.0521	0.0667	1.5433	1.7399	-0.0030	-0.0036	-0.0012	0.0019	5.8618	2.0409																							
		12	0.1741	0.0537	0.0601	1.5433	1.7399	-0.0030	-0.0036	-0.0012	0.0019	5.8618	2.0409																							
A44	6	10	1.249	9.44	44.99	1.0877	1.7767	-0.0025	-0.0046	-0.0011	0.0023	9.3232	2.2731																							
		11	0.3132	0.0581	0.1113	1.2096	1.7767	-0.0025	-0.0046	-0.0011	0.0023	9.3232	2.2731																							
		12	0.2923	0.0707	0.1036	1.2096	1.7767	-0.0025	-0.0046	-0.0011	0.0023	9.3232	2.2731																							
A44	7	10	1.249	12.60	44.99	0.9358	1.7803	-0.0039	-0.0057	-0.0018	0.0056	7.2465	2.3173																							
		11	0.4282	0.0801	0.1524	1.0033	1.7905	-0.0033	-0.0087	-0.0056	0.0158	7.2465	2.3173																							
		12	0.4010	0.0804	0.1436	1.0033	1.7905	-0.0033	-0.0087	-0.0056	0.0158	7.2465	2.3173																							

See Key

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																
844	8	10	1.249	-0.003	44.99	-1.6036	3.6150	-0.0005	-0.0028	-0.0016	-0.0005	24.6733	4.6770	0.0023	-0.0007	0.0016	0.0004		
			0.0046	0.0035	0.0004	3.8756	0.4822	0.0015	-0.0016	-0.0014	-0.0014	-5.3096	-4.8017	0.0046	0.0035	0.0004	3.8756	0.4822	0.0015
			0.0046	0.0035	0.0004	3.8756	0.4822	0.0015	-0.0016	-0.0014	-0.0014	-5.3096	-4.8017	0.0046	0.0035	0.0004	3.8756	0.4822	0.0015
A45	1	10	1.250	-0.0275	44.99	1.7897	1.6801	0.0014	-0.0027	-0.0015	-0.0002	-9.1975	-0.7650	-0.0770	-0.0275	-0.0259	44.99		
			0.0729	-0.0224	-0.0264	1.5361	1.8154	0.0013	-0.0015	-0.0013	-5.3755	-4.7661	0.0729	-0.0224	-0.0264	1.5361	1.8154	0.0013	
			0.0729	-0.0224	-0.0264	1.5361	1.8154	0.0013	-0.0015	-0.0013	-5.3755	-4.7661	0.0729	-0.0224	-0.0264	1.5361	1.8154	0.0013	
A45	2	10	1.251	-0.006	44.99	-1.4638	3.5233	-0.0009	-0.0020	-0.0012	-0.0005	10.4280	3.9653	0.0022	-0.0006	0.0015	0.0001		
			0.0031	0.0028	-0.0001	4.4991	-0.1778	0.0016	-0.0012	-0.0012	-3.8084	-5.8065	0.0031	0.0028	-0.0001	4.4991	-0.1778	0.0016	
			0.0031	0.0028	-0.0001	4.4991	-0.1778	0.0016	-0.0012	-0.0012	-3.8084	-5.8065	0.0031	0.0028	-0.0001	4.4991	-0.1778	0.0016	
A45	3	10	1.251	1.03	44.99	1.6604	1.7969	-0.0008	-0.0019	-0.0006	11.9489	4.2812	0.0272	0.0090	0.0097	44.99			
			0.0285	0.0128	0.0082	2.2491	1.4405	0.0020	-0.0014	-0.0010	-3.4986	-2.4573	0.0285	0.0128	0.0082	2.2491	1.4405		
			0.0285	0.0128	0.0082	2.2491	1.4405	0.0020	-0.0014	-0.0010	-3.4986	-2.4573	0.0285	0.0128	0.0082	2.2491	1.4405		
A45	4	10	1.251	3.13	44.99	1.5752	1.7727	-0.0037	-0.0027	-0.0003	3.6920	2.0091	0.0811	0.0255	0.0287	44.99			
			0.0739	0.0266	0.0254	1.7995	1.7198	0.0086	0.0003	0.0006	0.2143	0.3856	0.0739	0.0266	0.0254	1.7995	1.7198		
			0.0739	0.0266	0.0254	1.7995	1.7198	0.0086	0.0003	0.0006	0.2143	0.3856	0.0739	0.0266	0.0254	1.7995	1.7198		
A45	5	10	1.249	6.27	44.99	1.3601	1.7481	-0.0036	-0.0039	-0.0016	5.4013	2.1691	0.1887	0.0513	0.0660	44.99			
			0.1733	0.0536	0.0596	1.5464	1.7190	0.0111	-0.0002	0.0016	-0.1173	0.7447	0.1733	0.0513	0.0660	1.5464	1.7190		
			0.1733	0.0536	0.0596	1.5464	1.7190	0.0111	-0.0002	0.0016	-0.1173	0.7447	0.1733	0.0513	0.0660	1.5464	1.7190		
A45	6	10	1.251	9.44	44.99	1.0936	1.7730	-0.0032	-0.0041	-0.0024	6.4645	2.4715	0.3104	0.0678	0.1028	44.99			
			0.2903	0.0705	0.1028	1.2146	1.7707	0.0138	-0.0007	0.0024	-0.2854	0.8784	0.2903	0.0705	0.1028	1.2146	1.7707		
			0.2903	0.0705	0.1028	1.2146	1.7707	0.0138	-0.0007	0.0024	-0.2854	0.8784	0.2903	0.0705	0.1028	1.2146	1.7707		
A45	7	10	1.251	12.61	44.99	0.9355	1.7781	-0.0043	-0.0058	-0.0019	6.6729	2.2327	0.4288	0.0802	0.1525	44.99			
			0.4033	0.0810	0.1443	1.0044	1.7986	0.0227	0.0006	0.0054	0.1452	1.1985	0.4033	0.0810	0.1443	1.0044	1.7986		
			0.4033	0.0810	0.1443	1.0044	1.7986	0.0227	0.0006	0.0054	0.1452	1.1985	0.4033	0.0810	0.1443	1.0044	1.7986		
A45	8	10	1.250	-0.0030	44.99	-0.8277	3.0045	-0.0008	-0.0023	-0.0012	14.5579	3.4660	0.0028	-0.0004	0.0016	44.99			
			0.0052	0.0030	-0.0001	-4.7166	-0.1751	0.0017	-0.0011	-0.0012	-3.2049	-3.4693	0.0052	0.0030	-0.0001	-4.7166	-0.1751		
			0.0052	0.0030	-0.0001	-4.7166	-0.1751	0.0017	-0.0011	-0.0012	-3.2049	-3.4693	0.0052	0.0030	-0.0001	-4.7166	-0.1751		
A46	16	10	1.251	-3.14	44.99	1.8287	1.6010	0.0013	-0.0023	-0.0003	-9.6544	-1.2648	-0.0831	-0.0304	-0.0266	44.99			
			0.0819	-0.0260	-0.0285	1.5882	1.7433	0.0019	-0.0013	-0.0011	-3.4024	-2.8538	0.0819	-0.0260	-0.0285	1.5882	1.7433		
			0.0819	-0.0260	-0.0285	1.5882	1.7433	0.0019	-0.0013	-0.0011	-3.4024	-2.8538	0.0819	-0.0260	-0.0285	1.5882	1.7433		
A46	17	10	1.249	0.00	44.99	5.5041	-4.9404	-0.0013	-0.0027	-0.0005	10.3575	3.2060	-0.0009	-0.0010	0.0009	44.99			
			0.0021	0.0021	-0.00017	-5.1766	4.0144	0.0017	-0.0016	-0.0011	-4.6443	-3.2060	0.0021	0.0021	-0.00017	-5.1766	4.0144		
			0.0021	0.0021	-0.00017	-5.1766	4.0144	0.0017	-0.0016	-0.0011	-4.6443	-3.2060	0.0021	0.0021	-0.00017	-5.1766	4.0144		

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

See Key →

Run	Pt.	Cd																			
846	18	10	1.249	1.05	44.99	1.8096	1.8774	-0.0009	-0.0023	-0.0004	12.3941	2.4592									
		11	0.0263	0.0095	0.0098	2.6011	1.4311	0.0009	-0.0015	-0.0006	-2.4696	-1.0710									
		12	0.0230	0.0119	0.0065																
846	19	10	1.250	3.16	44.99	1.5965	1.8036	-0.0027	-0.0032	-0.0010	5.9405	1.8905									
		11	0.0608	0.0258	0.0291	1.9391	1.7298	0.0101	0.0000	0.0014	0.0213	0.7118									
		12	0.0678	0.0263	0.0234																
846	20	10	1.250	6.29	44.99	1.3749	1.7549	-0.0023	-0.0036	-0.0009	7.7737	1.9592									
		11	0.1832	0.0504	0.0643	1.5705	1.7240	0.0136	0.0007	0.0025	0.2731	0.9394									
		12	0.1653	0.0519	0.0569																
846	21	10	1.250	9.46	44.99	1.0961	1.7839	-0.0001	-0.0040	-0.0003	115.8453	9.6898									
		11	0.3081	0.0675	0.1099	1.2176	1.7727	0.0150	-0.0004	0.0027	-0.1434	0.9245									
		12	0.2857	0.0695	0.1013																
846	22	10	1.251	12.63	44.99	0.9409	1.7904	-0.0058	-0.0060	-0.0022	5.2123	1.9631									
		11	0.4230	0.0796	0.1515	1.0051	1.7905	0.0179	-0.0003	0.0036	-0.1091	1.0234									
		12	0.3975	0.0799	0.1423																
846	23	10	1.251	0.00	44.99	2.3530	-0.4938	-0.0016	-0.0028	-0.0006	8.9522	2.1397									
		11	0.0047	-0.0022	0.0004	3.1021	3.3019	0.0020	-0.0017	-0.0010	-4.1254	-2.4128									
		12	-0.0030	0.0018	-0.0020																
847	1	10	1.249	-3.10	44.99	1.8571	1.5716	0.0002	-0.0025	-0.0005	-44.6734	-10.1435									
		11	0.0897	-0.0333	-0.0281	1.6222	1.7094	0.0040	-0.0012	-0.0004	-1.5590	-0.5476									
		12	-0.0914	-0.0296	-0.0312																
847	2	10	1.250	0.04	44.99	1.9208	0.4646	-0.0004	-0.0023	-0.0006	28.4520	8.4526									
		11	0.0070	-0.0027	-0.0006	0.1501	2.0140	0.0027	-0.0019	-0.0007	-3.4736	-1.4135									
		12	-0.0100	-0.0003	-0.0040																
847	3	10	1.250	1.10	44.99	1.8360	2.0337	-0.0009	-0.0020	-0.0005	10.4280	2.9653									
		11	0.0206	0.0075	0.0084	2.7760	1.3273	0.0032	-0.0016	-0.0008	-2.5224	-1.3766									
		12	0.0173	0.0096	0.0045																
847	4	10	1.251	3.20	44.99	1.6791	1.8027	-0.0025	-0.0026	-0.0011	5.2251	2.2498									
		11	0.0766	0.0257	0.0276	2.0583	1.7257	0.0103	0.0000	0.0014	0.0195	0.6944									
		12	0.0636	0.0262	0.0219																
847	5	10	1.250	6.35	44.99	1.3909	1.7619	-0.0019	-0.0029	-0.0010	7.4007	2.5767									
		11	0.1773	0.0493	0.0624	1.5815	1.7257	0.0152	0.0011	0.0032	0.3860	1.0494									
		12	0.1585	0.0501	0.0547																

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
847	6	10	1.251	9.52	44.99	1.0986	1.7737	-0.0019	-0.0041	-0.0009	10.5523	2.2882	1.251	9.52	44.99	1.0986	1.7737	-0.0019	-0.0041	-0.0009	10.5523	2.2882
		11	0.3056	0.0671	0.1084	1.2290	1.7719	0.0164	-0.0002	0.0033	-0.0818	1.0060	0.3056	0.0671	0.1084	1.2290	1.7719	0.0164	-0.0002	0.0033	-0.0818	1.0060
		12	0.2820	0.0693	0.0999								0.2820	0.0693	0.0999							
847	7	10	1.252	12.65	44.99	0.9387	1.7867	-0.0047	-0.0058	-0.0018	6.1841	1.9174	1.252	12.65	44.99	0.9387	1.7867	-0.0047	-0.0058	-0.0018	6.1841	1.9174
		11	0.4243	0.0796	0.1516	1.0022	1.7910	0.0198	0.0005	0.0044	0.1319	1.1151	0.4243	0.0796	0.1516	1.0022	1.7910	0.0198	0.0005	0.0044	0.1319	1.1151
		12	0.3986	0.0799	0.1428								0.3986	0.0799	0.1428							
847	8	10	1.252	0.07	44.99	1.8535	0.0775	-0.0000	-0.0021	-0.0007	12.8817	46.4169	1.252	0.07	44.99	1.8535	0.0775	-0.0000	-0.0021	-0.0007	12.8817	46.4169
		11	-0.0059	-0.0022	-0.0000	0.0146	2.1059	0.0016	-0.0019	-0.0011	-6.1611	-3.4435	-0.0059	-0.0022	-0.0000	0.0146	2.1059	0.0016	-0.0019	-0.0011	-6.1611	-3.4435
		12	-0.0090	-0.0000	-0.0037								-0.0090	-0.0000	-0.0037							
848	1	10	1.250	-3.05	44.99	1.8228	1.5697	0.0004	-0.0021	-0.0009	-25.5911	-10.9991	1.250	-3.05	44.99	1.8228	1.5697	0.0004	-0.0021	-0.0009	-25.5911	-10.9991
		11	-0.0981	-0.0357	-0.0308	1.6061	1.6971	0.0035	-0.0017	-0.0007	-2.4244	-1.0903	-0.0981	-0.0357	-0.0308	1.6061	1.6971	0.0035	-0.0017	-0.0007	-2.4244	-1.0903
		12	-0.0991	-0.0318	-0.0336								-0.0991	-0.0318	-0.0336							
848	2	10	1.251	0.08	44.99	1.7617	0.9036	0.0007	-0.0017	-0.0004	-11.3973	-2.9769	1.251	0.08	44.99	1.7617	0.9036	0.0007	-0.0017	-0.0004	-11.3973	-2.9769
		11	-0.0122	-0.0042	-0.0022	0.6822	2.0458	0.0031	-0.0018	-0.0007	-2.8813	-1.2310	-0.0122	-0.0042	-0.0022	0.6822	2.0458	0.0031	-0.0018	-0.0007	-2.8813	-1.2310
		12	-0.0141	-0.0019	-0.0057								-0.0141	-0.0019	-0.0057							
848	3	10	1.250	1.12	44.99	1.7819	2.1409	-0.0007	-0.0018	-0.0006	11.9489	4.2812	1.250	1.12	44.99	1.7819	2.1409	-0.0007	-0.0018	-0.0006	11.9489	4.2812
		11	0.0172	0.0061	0.0073	2.9866	1.1503	0.0047	-0.0014	-0.0003	-1.5441	-0.3525	0.0172	0.0061	0.0073	2.9866	1.1503	0.0047	-0.0014	-0.0003	-1.5441	-0.3525
		12	0.0135	0.0081	0.0031								0.0135	0.0081	0.0031							
848	4	10	1.251	3.23	44.99	1.6929	1.7890	-0.0030	-0.0021	-0.0013	3.5815	2.2707	1.251	3.23	44.99	1.6929	1.7890	-0.0030	-0.0021	-0.0013	3.5815	2.2707
		11	0.0759	0.0257	0.0271	2.1037	1.6778	0.0114	0.0004	0.0016	0.1765	0.7235	0.0759	0.0257	0.0271	2.1037	1.6778	0.0114	0.0004	0.0016	0.1765	0.7235
		12	0.0631	0.0265	0.0211								0.0631	0.0265	0.0211							
848	5	10	1.250	6.37	44.99	1.3630	1.7715	-0.0038	-0.0040	-0.0017	5.3107	2.2328	1.250	6.37	44.99	1.3630	1.7715	-0.0038	-0.0040	-0.0017	5.3107	2.2328
		11	0.1748	0.0476	0.0619	1.5934	1.7238	0.0158	0.0007	0.0034	0.2465	1.0774	0.1748	0.0476	0.0619	1.5934	1.7238	0.0158	0.0007	0.0034	0.2465	1.0774
		12	0.1520	0.0484	0.0524								0.1520	0.0484	0.0524							
848	6	10	1.250	9.53	44.99	1.0963	1.7846	-0.0021	-0.0042	-0.0009	10.0026	2.1216	1.250	9.53	44.99	1.0963	1.7846	-0.0021	-0.0042	-0.0009	10.0026	2.1216
		11	0.3057	0.0670	0.1091	1.2322	1.7654	0.0174	-0.0000	0.0035	-0.0274	1.0085	0.3057	0.0670	0.1091	1.2322	1.7654	0.0174	-0.0000	0.0035	-0.0274	1.0085
		12	0.2807	0.0691	0.0991								0.2807	0.0691	0.0991							
848	7	10	1.250	12.68	44.99	0.9406	1.7871	-0.0032	-0.0053	-0.0011	8.3651	1.7540	1.250	12.68	44.99	0.9406	1.7871	-0.0032	-0.0053	-0.0011	8.3651	1.7540
		11	0.4237	0.0797	0.1514	1.0026	1.7898	0.0173	-0.0004	0.0035	-0.1346	0.9865	0.4237	0.0797	0.1514	1.0026	1.7898	0.0173	-0.0004	0.0035	-0.1346	0.9865
		12	0.3981	0.0798	0.1425								0.3981	0.0798	0.1425							
848	8	10	1.251	0.09	44.99	1.7638	0.7559	-0.0004	-0.0019	-0.0010	23.4270	11.9705	1.251	0.09	44.99	1.7638	0.7559	-0.0004	-0.0019	-0.0010	23.4270	11.9705
		11	-0.0116	-0.0040	-0.0017	0.6154	2.1132	0.0029	-0.0018	-0.0008	-3.1127	-1.5237	-0.0116	-0.0040	-0.0017	0.6154	2.1132	0.0029	-0.0018	-0.0008	-3.1127	-1.5237
		12	-0.0134	-0.0016	-0.0056								-0.0134	-0.0016	-0.0056							

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd																	
849	1	10	1.1252	-2.299	44.99	1.8172	1.5850	-0.0010	-0.0021	-0.0012	9.6598	5.7899							
		11	-0.1035	-0.0376	-0.0328	1.6175	1.7376	0.0032	-0.0018	-0.0009	-2.8689	-1.4025							
		12	-0.1039	-0.0336	-0.0361														
849	2	10	1.252	0.14	44.99	1.8835	1.0319	-0.0005	-0.0021	-0.0009	17.8077	7.7229							
		11	-0.0212	-0.0080	-0.0043	1.2672	1.7992	0.0034	-0.0020	-0.0007	-3.0019	-1.1604							
		12	-0.0236	-0.0059	-0.0085														
849	3	10	1.253	1.20	44.99	1.7660	2.3044	-0.0025	-0.0022	-0.0012	4.3149	2.4980							
		11	0.0136	0.0048	0.0062	4.0298	0.9402	0.0053	-0.0012	-0.0001	-1.1471	-0.1094							
		12	0.0072	0.0058	0.0013														
849	4	10	1.252	3.25	44.99	1.7750	1.8180	-0.0018	-0.0011	-0.0010	3.0756	2.8161							
		11	0.0712	0.0252	0.0258	2.1637	1.6281	0.0108	-0.0004	0.0013	-0.2064	0.6259							
		12	0.0612	0.0265	0.0199														
849	5	10	1.252	6.39	44.99	1.2106	1.8175	-0.0004	-0.0028	-0.0004	32.2163	5.2576							
		11	0.1587	0.0384	0.0577	1.5087	1.7323	0.0183	0.0024	0.0041	0.6682	1.1213							
		12	0.1461	0.0440	0.0506														
849	6	10	1.253	9.53	44.99	1.1015	1.7758	-0.0018	-0.0037	-0.0009	9.9755	2.5078							
		11	0.3003	0.0661	0.1066	1.2552	1.7643	0.0233	0.0018	0.0057	0.4014	1.2322							
		12	0.2749	0.0690	0.0970														
849	7	10	1.252	12.65	44.99	0.9497	1.7901	-0.0029	-0.0055	-0.0015	9.4717	2.6280							
		11	0.4180	0.0794	0.1496	1.0179	1.7886	0.0213	0.0009	0.0048	0.2184	1.1362							
		12	0.3949	0.0804	0.1412														
849	11	10	1.252	0.15	44.99	1.8568	1.1790	-0.0023	-0.0020	-0.0008	4.3652	1.6791							
		11	-0.0199	-0.0074	-0.0047	1.2789	1.6818	0.0016	-0.0023	-0.0008	-6.9737	-2.7210							
		12	-0.0254	-0.0065	-0.0085														
850	1	10	1.251	6.35	44.99	1.3819	1.7523	-0.0054	-0.0034	-0.0019	3.1945	1.7876							
		11	0.1766	0.0488	0.0618	1.5795	1.7297	0.0163	0.0021	0.0038	0.6464	1.1888							
		12	0.1607	0.0507	0.0555														
850	2	10	1.249	8.47	44.99	1.1836	1.7641	-0.0035	-0.0043	-0.0011	6.1244	1.5989							
		11	0.2598	0.0615	0.0916	1.3193	1.7663	0.0148	0.0006	0.0029	0.2075	1.0039							
		12	0.2438	0.0643	0.0861														
851	1	10	1.249	6.35	44.99	1.3534	1.7658	-0.0052	-0.0048	-0.0018	4.6967	1.7446							
		11	0.1699	0.0459	0.0600	1.5746	1.7226	0.0168	0.0029	0.0040	0.8728	1.2103							
		12	0.1640	0.0516	0.0565														

← See Key →

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →															
851	2	10	1.251	6.35	44.99	1.2726	1.7909	-0.0034	-0.0050	-0.0016	7.4946	2.3730						
			0.1619	0.0412	0.0580	1.5514	1.7418	0.0189	0.0053	0.0048	1.4148	1.2702						
			0.1746	0.0541	0.0608													
852	1	10	1.247	4.23	44.99	1.4759	1.8459	-0.0063	-0.0046	-0.0024	3.6788	1.9138						
			0.1016	0.0300	0.0375	1.7483	1.9028	0.0163	0.0014	0.0034	0.4464	1.0556						
			0.0813	0.0284	0.0309													
853	1	10	0.899	-0.04	-90.00	-0.0626	1.4117	0.0031	0.0008	0.0020	1.3770	3.2371						
			0.0274	-0.0003	0.0077	0.2441	1.2336	0.0063	0.0023	0.0022	1.8610	1.7984						
			0.0250	0.0012	0.0061													
853	2	10	0.899	-0.04	-78.80	0.0584	1.4288	-0.0016	-0.0001	0.0004	0.3459	-1.4259						
			0.0272	0.0003	0.0077	0.2334	1.2941	0.0038	0.0021	0.0016	2.7664	-2.1619						
			0.0214	0.0010	0.0055													
853	3	10	0.900	-0.04	-67.50	0.1632	1.5070	-0.0035	-0.0002	-0.0004	0.2988	0.6663						
			0.0262	0.0008	0.0079	0.2791	1.2788	0.0027	0.0022	0.0015	4.2318	2.8136						
			0.0187	0.0010	0.0047													
853	4	10	0.900	-0.04	-56.30	0.2625	1.5788	-0.0030	0.0003	-0.0004	-0.5055	0.7777						
			0.0242	0.0012	0.0076	0.4233	1.2509	0.0022	0.0024	0.0012	5.4203	2.7134						
			0.0172	0.0014	0.0043													
853	5	10	0.899	-0.04	-45.00	0.3916	1.5641	-0.0059	-0.0005	-0.0015	0.4840	1.3342						
			0.0229	0.0017	0.0071	0.5455	1.3423	0.0030	0.0029	0.0015	4.7740	2.4718						
			0.0138	0.0015	0.0037													
853	6	10	0.900	-0.04	-33.80	0.3527	1.6334	-0.0015	0.0008	-0.0001	-2.7018	0.5299						
			0.0182	0.0012	0.0059	0.7605	1.4405	0.0040	0.0030	0.0012	3.8284	1.5192						
			0.0117	0.0017	0.0033													
853	7	10	0.898	-0.04	-22.50	0.4678	1.7476	-0.0031	-0.0002	-0.0007	0.3384	1.4825						
			0.0153	0.0014	0.0053	1.1073	1.4662	0.0027	0.0023	0.0007	4.1880	1.3818						
			0.0100	0.0022	0.0029													
853	8	10	0.899	-0.04	-11.30	0.3137	1.9629	-0.0005	0.0002	-0.0004	-2.2930	3.9401						
			0.0105	0.0006	0.0041	1.4409	1.2513	0.0056	0.0027	0.0015	2.4640	1.3474						
			0.0074	0.0021	0.0018													
853	9	10	0.898	-0.04	-0.00	-0.5681	2.9657	-0.0016	-0.0007	-0.0003	2.3666	0.9687						
			0.0044	-0.0005	0.0026	-2.0714	1.3968	0.0014	0.0006	-0.0004	2.2522	-1.5721						
			0.0055	0.0022	0.0015													

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run Pt.	Pt. Cd	See Key													
853	10	0.900	-0.004	11.29	-0.3404	2.2348	0.0002	-0.0009	0.0000	-19.2523	0.0135				
	11	0.0037	-0.0002	0.0016	2.6427	1.3001	0.0005	-0.0005	-0.0006	-4.4343	-5.2750				
	12	0.0053	0.0028	0.0013											
853	11	0.900	-0.004	22.49	-8.3836	8.3417	0.0025	-0.0012	0.0006	-2.3953	1.2194				
	11	0.0004	-0.0007	0.0007	3.3019	0.9367	0.0010	-0.0013	-0.0007	-6.2374	-3.6633				
	12	0.0041	0.0027	0.0007											
853	12	0.899	-0.004	33.79	0.0202	2.6245	0.0071	-0.0006	0.0015	-0.4522	1.1051				
	11	0.0017	0.0000	0.0009	3.5486	0.7328	0.0043	-0.0012	-0.0001	-1.4080	-0.1791				
	12	0.0042	0.0029	0.0006											
853	13	0.899	-0.004	44.99	5.1453	-3.1525	0.0102	-0.0006	0.0020	-0.3372	0.9979				
	11	0.0004	-0.0005	0.0003	3.5226	0.6970	0.0065	-0.0013	0.0003	-1.0647	0.2296				
	12	0.0044	0.0031	0.0006											
853	14	0.899	-0.004	56.29	-32.0620	38.8488	0.0110	-0.0014	0.0023	-0.6802	1.0689				
	11	0.0000	-0.0003	0.0004	3.5774	0.7724	0.0100	-0.0011	0.0013	-0.5969	0.6808				
	12	0.0039	0.0028	0.0006											
853	15	0.900	-0.004	67.49	-0.0014	1.8739	0.0116	-0.0021	0.0023	-0.9286	1.0077				
	11	0.0024	-0.0000	0.0009	3.0168	0.0005	0.0140	-0.0008	0.0024	-0.3111	0.8631				
	12	0.0036	0.0022	0.0000											
853	16	0.899	-0.004	78.79	-0.4591	0.9868	0.0165	-0.0015	0.0034	-0.4787	1.0431				
	11	0.0030	-0.0002	0.0006	2.3563	-0.4608	0.0175	-0.0006	0.0033	-0.1924	0.9509				
	12	0.0033	0.0015	-0.0003											
853	17	0.900	-0.004	89.99	-0.4591	0.9868	0.0190	-0.0013	0.0042	-0.3574	1.1127				
	11	0.0045	-0.0004	0.0009	1.3750	-0.9193	0.0236	-0.0006	0.0050	0.1389	1.0608				
	12	0.0033	0.0009	-0.0006											
854	3	1.250	-3.13	-0.00	1.1479	-0.3222	-0.0082	-0.0027	0.0004	1.6742	-0.2722				
	11	-0.0075	-0.0017	0.0004	3.0244	0.6396	-0.0038	-0.0004	0.0002	0.5794	-0.2981				
	12	-0.0026	-0.0015	-0.0003											
854	4	1.250	-0.02	-0.00	1.1447	-0.2925	-0.0091	-0.0029	0.0005	1.6217	-0.3097				
	11	-0.0083	-0.0019	0.0004	3.0313	0.9568	-0.0041	-0.0004	0.0003	0.5430	-0.4148				
	12	-0.0029	-0.0017	-0.0005											
854	5	1.249	1.02	-0.00	1.1432	-0.3607	-0.0109	-0.0033	0.0003	1.5055	-0.1523				
	11	-0.0083	-0.0018	0.0005	3.0271	0.7638	-0.0051	-0.0006	0.0002	0.6025	-0.2240				
	12	-0.0029	-0.0017	-0.0004											

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key															
854	6	10	1.249	3.13	0.005	1.1076	-0.3674	-0.0112	-0.0033	0.0003	1.4698	-0.1487						
		11	-0.0081	-0.0018	0.0005	3.0324	1.0106	-0.0044	-0.0003	0.0003	0.3887	-0.3830						
		12	-0.0027	-0.0016	-0.0005													
854	7	10	1.250	6.27	-0.00	1.1774	-0.3543	-0.0121	-0.0035	0.0003	1.4645	-0.1365						
		11	-0.0084	-0.0019	0.0005	4.0215	2.0703	-0.0045	-0.0002	0.0004	0.2770	-0.4960						
		12	-0.0016	-0.0013	-0.0006													
854	8	10	1.249	9.38	0.00	1.2948	-0.3175	-0.0147	-0.0040	0.0001	1.3866	-0.0359						
		11	-0.0096	-0.0024	0.0006	0.0166	-1.7993	-0.0029	-0.0001	0.0007	0.3159	-1.3453						
		12	0.0018	0.0000	-0.0006													
854	9	10	1.247	12.57	0.00	1.4409	-0.2733	-0.0164	-0.0041	-0.0000	1.2445	0.0034						
		11	-0.0089	-0.0025	0.0004	1.2029	-0.7070	-0.0012	-0.0001	0.0008	0.4390	-3.6030						
		12	0.0039	0.0009	-0.0005													
855	3	10	0.896	3.08	-0.00	-0.5647	-0.6300	0.0070	0.0005	0.0011	0.3996	0.7888						
		11	-0.0039	0.0004	0.0004	2.6732	1.0287	-0.0088	-0.0008	-0.0004	0.4642	0.2506						
		12	-0.0060	-0.0032	-0.0012													
855	4	10	0.897	0.03	-0.00	-0.5711	-0.8312	0.0062	0.0003	0.0004	0.2452	0.7606						
		11	-0.0039	0.0004	0.0006	2.5206	0.8486	-0.0086	-0.0006	-0.0004	0.4005	0.2571						
		12	-0.0063	-0.0032	-0.0010													
855	5	10	0.897	0.98	-0.00	-0.0628	-0.6659	0.0043	-0.0001	0.0007	-0.2316	0.9147						
		11	-0.0048	0.0000	0.0006	2.5190	0.7264	-0.0087	-0.0005	-0.0004	0.3180	0.2530						
		12	-0.0063	-0.0032	-0.0009													
855	6	10	0.897	3.09	-0.00	0.1847	-0.6132	0.0027	-0.0007	0.0009	-1.3024	1.7297						
		11	-0.0052	-0.0001	0.0006	2.2859	0.6346	-0.0092	-0.0006	-0.0004	0.3664	0.2570						
		12	-0.0073	-0.0033	-0.0009													
855	7	10	0.900	6.16	0.00	0.4241	-0.6036	0.0003	-0.0014	0.0009	-19.4351	12.4227						
		11	-0.0053	-0.0004	0.0006	2.4816	0.6482	-0.0088	-0.0006	-0.0004	0.3828	0.2467						
		12	-0.0059	-0.0029	-0.0007													
855	8	10	0.900	9.27	-0.00	0.5999	-0.8202	-0.0019	-0.0023	0.0010	6.4764	-3.0088						
		11	-0.0048	-0.0005	0.0007	2.8210	0.7357	-0.0085	-0.0006	-0.0002	0.4025	0.1679						
		12	-0.0052	-0.0029	-0.0007													
855	9	10	0.897	12.43	-0.00	0.8528	-0.8065	-0.0050	-0.0029	0.0012	2.9753	-1.2495						
		11	-0.0049	-0.0008	0.0007	2.8210	0.7357	-0.0080	-0.0005	0.0001	0.3590	-0.1043						
		12	-0.0052	-0.0029	-0.0007													

TABLE VIIA
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	← See Key →			→					
			Force	Moment	Force	Moment	Force	Moment			
855	10		0.897	-0.01	0.9558	-0.8363	-0.0064	-0.0032	0.0012	2.4842	-0.9635
	11		-0.0056	-0.0010	2.4041	0.6669	-0.0081	-0.0006	-0.0002	0.4217	0.1754
	12		-0.0069	-0.0033							
856	1	10	0.899	-3.05	1.7114	-0.3334	-0.0153	-0.0038	0.0016	1.2559	-0.5518
	11		-0.0073	-0.0025	3.2759	1.6420	-0.0081	-0.0000	0.0003	0.0330	-0.1945
	12		-0.0046	-0.0030							
856	2	10	0.898	-0.01	1.7460	-0.4271	-0.0156	-0.0037	0.0015	1.2025	-0.4971
	11		-0.0075	-0.0026	3.0358	1.1666	-0.0085	-0.0004	0.0000	0.2566	-0.0099
	12		-0.0052	-0.0032							
856	3	10	0.897	1.02	1.8343	-0.3387	-0.0149	-0.0035	0.0017	1.1801	-0.5757
	11		-0.0072	-0.0026	3.3303	1.8042	-0.0072	-0.0003	-0.0002	0.2142	0.2007
	12		-0.0038	-0.0025							
856	4	10	0.898	3.13	1.7844	-0.2160	-0.0145	-0.0035	0.0017	1.2102	-0.5897
	11		-0.0078	-0.0027	3.3249	1.5989	-0.0065	-0.0003	-0.0002	0.2426	0.2231
	12		-0.0038	-0.0025							
856	5	10	0.897	6.19	1.9293	-0.3545	-0.0143	-0.0033	0.0014	1.1838	-0.4897
	11		-0.0069	-0.0026	3.3196	1.3950	-0.0056	-0.0002	0.0000	0.1805	-0.0099
	12		-0.0038	-0.0025							
856	6	10	0.897	9.26	2.0036	-0.2612	-0.0142	-0.0035	0.0017	1.2418	-0.6045
	11		-0.0063	-0.0025	3.7000	1.6359	-0.0042	-0.0000	0.0001	-0.0467	-0.1916
	12		-0.0033	-0.0024							
856	7	10	0.897	12.41	2.1229	-0.2748	-0.0144	-0.0036	0.0015	1.2685	-0.5413
	11		-0.0060	-0.0025	3.3378	1.4771	-0.0038	0.0000	0.0003	-0.0406	-0.4050
	12		-0.0036	-0.0024							
856	8	10	0.897	-0.01	1.9334	-0.1287	-0.0143	-0.0033	0.0012	1.1840	-0.4352
	11		-0.0069	-0.0026	3.0382	1.2779	-0.0031	0.0000	-0.0003	-0.0663	0.4799
	12		-0.0042	-0.0025							
857	1	10	0.895	-2.99	2.0058	-0.1383	-0.0122	-0.0030	0.0009	1.2323	-0.3811
	11		-0.0063	-0.0025	2.5756	0.9784	-0.0013	0.0000	-0.0003	-0.0846	1.1025
	12		-0.0047	-0.0024							
857	2	10	0.898	0.02	1.8382	-0.1238	-0.0119	-0.0028	0.0009	1.2006	-0.3880
	11		-0.0072	-0.0026	2.7721	0.9248	-0.0014	0.0001	-0.0004	-0.5373	1.5218
	12		-0.0041	-0.0023							

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key																			
857	3	10	0.899	1.08	-0.00	1.8622	-0.1365	-0.0123	-0.0028	0.0009	1.1645	-0.3768	-0.0064	-0.0024	0.0001	3.0302	0.9085	-0.0024	0.0000	-0.0004	-0.0799	0.9413
857	4	10	0.898	3.14	-0.00	1.7648	-0.1309	-0.0118	-0.0026	0.0007	1.0984	-0.3250	-0.0068	-0.0024	0.0001	3.0313	0.9568	-0.0025	0.0001	-0.0002	-0.3274	0.5680
857	5	10	0.895	6.21	-0.00	1.8622	-0.1365	-0.0128	-0.0029	0.0010	1.1614	-0.4205	-0.0064	-0.0024	0.0001	3.6847	1.1609	-0.0022	0.0001	0.0000	-0.3476	0.0103
857	6	10	0.899	9.30	-0.00	1.9330	-0.1475	-0.0124	-0.0029	0.0010	1.1957	-0.4324	-0.0058	-0.0025	0.0009	5.2412	1.8791	-0.0027	0.0000	0.0000	-0.0519	0.0101
857	7	10	0.896	12.45	-0.00	2.0569	-0.1551	-0.0129	-0.0032	0.0012	1.2552	-0.4780	-0.0055	-0.0026	0.0009	5.0616	1.7281	-0.0022	0.0001	0.0003	-0.3254	0.6861
857	8	10	0.899	0.02	-0.00	1.8968	-0.2489	-0.0156	-0.0038	0.0009	0.1559	-0.2934	-0.0034	-0.0025	0.0010	3.6577	1.5358	-0.0033	-0.0001	0.0003	0.1559	0.4613
85A	1	10	0.899	2.95	44.99	1.7037	-0.0173	-0.0103	-0.0031	0.0010	1.5335	-0.5272	-0.0089	-0.0021	0.0009	3.0385	1.2888	0.0015	0.0004	0.0003	1.6331	0.9937
85A	2	10	0.898	0.11	44.99	1.6057	-0.0178	-0.0097	-0.0030	0.0009	1.5593	-0.4782	-0.0090	-0.0021	0.0000	3.0385	1.2888	0.0020	0.0006	0.0003	1.4939	0.7269
85A	3	10	0.896	1.13	44.99	1.5771	-0.0179	-0.0094	-0.0030	0.0009	1.6199	-0.4962	-0.0096	-0.0020	0.0010	3.0453	1.6048	0.0011	0.0005	0.0003	2.1286	1.2862
85A	4	10	0.897	3.17	44.99	1.4989	-0.0184	-0.0097	-0.0030	0.0009	1.5593	-0.4782	-0.0105	-0.0022	0.0010	3.0414	1.4228	-0.0002	0.0002	0.0004	-4.2278	-7.6405
85A	5	10	0.896	6.26	44.99	1.5771	-0.0179	-0.0101	-0.0032	0.0009	1.6203	-0.4580	-0.0096	-0.0021	0.0009	3.7944	1.6062	0.0003	0.0002	0.0004	3.0939	5.7570

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key \longleftrightarrow												
858	6	10	0.896	9.35	44.99	-0.0096	-0.0032	0.0001	1.6969	-0.0974	-0.0111	-0.0036	0.0009	1.6472	-0.4171
			-0.0002	-0.0016	-0.0010	36.1952	23.3278	0.0003	0.0002	0.0006	3.1250	7.8885			
			0.896	12.45	44.99	-0.0083	-0.0029	0.0001	1.7413	-0.1100	-0.0119	-0.0039	0.0009	1.6458	-0.3897
858	7	10	-0.0003	-0.0015	-0.0010	-23.3813	-16.1623	0.0003	0.0002	0.0006	3.1250	7.8885			
			0.898	0.09	44.99	-0.0095	-0.0030	0.0000	1.5771	-0.0179	-0.0109	-0.0035	0.0006	1.6220	-0.2829
			-0.0013	-0.0016	-0.0009	6.3858	3.5337	0.0001	-0.0001	0.0004	-7.1751	22.4985			
859	1	10	0.897	-3.03	44.99	-0.0081	-0.0027	-0.0001	1.7118	0.0777	-0.0086	-0.0030	0.0004	1.7588	-0.2677
			-0.0010	-0.0015	-0.0007	6.9904	3.4262	0.0026	0.0000	0.0001	0.1675	0.2868			
			0.897	0.05	44.99	-0.0090	-0.0029	-0.0001	1.6075	0.0676	-0.0092	-0.0031	0.0006	1.7176	-0.3354
859	2	10	-0.0010	-0.0012	-0.0007	6.2380	3.7442	0.0030	0.0003	0.0001	0.5820	0.2471			
			0.898	1.07	44.99	-0.0097	-0.0028	-0.0001	1.4897	0.0609	-0.0091	-0.0031	0.0007	1.7167	-0.4196
			-0.0013	-0.0012	-0.0007	4.6305	2.7842	0.0033	0.0007	0.0003	1.1092	0.4537			
859	4	10	0.897	3.14	44.99	-0.0104	-0.0031	-0.0001	1.5005	0.0551	-0.0097	-0.0032	0.0007	1.6813	-0.3953
			-0.0006	-0.0010	-0.0006	8.4251	5.0505	0.0024	0.0006	0.0003	1.2735	0.6230			
			0.898	6.22	44.99	-0.0096	-0.0030	-0.0001	1.5789	0.0625	-0.0109	-0.0035	0.0006	1.6220	-0.2829
859	5	10	-0.0006	-0.0009	-0.0007	-6.5788	-5.6560	0.0022	0.0004	0.0003	1.1064	0.6827			
			0.901	9.30	44.99	-0.0092	-0.0030	0.0000	1.6380	-0.0176	-0.0110	-0.0038	0.0006	1.7296	-0.2810
			-0.0017	-0.0009	-0.0009	-2.5910	-2.6217	0.0021	0.0002	0.0003	0.5384	0.7076			
859	7	10	0.897	12.40	44.99	-0.0095	-0.0031	-0.0001	1.6706	0.0641	-0.0114	-0.0040	0.0006	1.7774	-0.2705
			-0.0023	-0.0007	-0.0007	-1.6989	-1.6557	0.0027	0.0003	0.0004	0.6527	0.8448			
			0.899	0.04	44.99	-0.0109	-0.0034	0.0000	1.5578	-0.0180	-0.0107	-0.0036	0.0006	1.7042	-0.2866
859	8	10	-0.0016	-0.0005	-0.0007	1.5388	-2.2807	0.0028	0.0002	0.0001	0.3996	0.2654			
			0.899	0.04	44.99	-0.0096	-0.0030	-0.0001	1.5789	0.0625	-0.0109	-0.0035	0.0006	1.6220	-0.2829
			-0.0006	-0.0009	-0.0007	-6.5788	-5.6560	0.0022	0.0004	0.0003	1.1064	0.6827			

TABLE VIIA
TAIL FINS FORCE AND MOMENT COEFFICIENTS - AERODYNAMIC PHASE

Run	Pt.	Cd	See Key →											
860	1	10	0.698	-3.10	44.99	1.6116	0.1396	-0.0083	-0.0030	0.0003	1.8368	-0.1854		
	11	11	-0.0098	-0.0031	-0.0002	-1.2708	-2.0044	0.0042	0.0002	-0.0000	0.2555	-0.0012		
	12	12	0.0015	-0.0003	-0.0006									
860	2	10	0.697	-0.01	44.99	1.5239	0.1370	-0.0088	-0.0031	0.0004	1.7889	-0.2612		
	11	11	-0.0099	-0.0030	-0.0002	-2.3377	-3.7403	0.0044	0.0003	-0.0000	0.3876	-0.0010		
	12	12	0.0008	-0.0003	-0.0006									
860	3	10	0.697	1.02	44.99	1.4710	0.1314	-0.0081	-0.0029	0.0004	1.8047	-0.2866		
	11	11	-0.0103	-0.0030	-0.0002	-4.1278	-6.2177	0.0035	0.0002	0.0003	0.3058	-0.4286		
	12	12	0.0006	-0.0005	-0.0007									
860	4	10	0.900	3.08	44.99	1.4368	0.0579	-0.0094	-0.0032	0.0004	1.7478	-0.2454		
	11	11	-0.0100	-0.0028	-0.0001	-1.6434	-2.6106	0.0037	0.0003	-0.0000	0.4689	-0.0009		
	12	12	0.0011	-0.0003	-0.0006									
860	5	10	0.698	6.18	44.99	1.4511	0.0525	-0.0092	-0.0031	0.0003	1.7195	-0.1666		
	11	11	-0.0108	-0.0031	-0.0001	-1.2708	-2.0044	0.0031	0.0002	0.0001	0.3504	-0.2364		
	12	12	0.0015	-0.0003	-0.0006									
860	6	10	0.698	9.28	44.99	1.5464	0.0641	-0.0092	-0.0034	0.0004	1.8450	-0.2491		
	11	11	-0.0093	-0.0029	-0.0004	-1.0571	-1.2264	0.0033	0.0000	0.0003	0.1314	-0.4561		
	12	12	0.0018	-0.0003	-0.0004									
860	7	10	0.698	12.38	44.99	1.6380	-0.0176	-0.0106	-0.0038	0.0001	1.7911	-0.0707		
	11	11	-0.0092	-0.0030	0.0000	0.1440	-0.7335	0.0038	0.0002	0.0003	0.2736	-0.3901		
	12	12	0.0041	0.0001	-0.0006									
860	8	10	0.697	0.01	44.99	1.6399	0.0734	-0.0090	-0.0033	0.0003	1.8186	-0.1693		
	11	11	-0.0064	-0.0027	-0.0001	-0.3263	-1.5628	0.0040	0.0000	0.0001	0.1045	-0.1872		
	12	12	0.0019	-0.0001	-0.0006									

KEY TO TABLE VIII
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	M_c	α	ϕ	$C_{N_{T1}}$	$C_{HM_{T1}}$	$C_{BM_{T1}}$	CPX_{T1}	CPY_{T1}	$C_{N_{T2}}$	$C_{HM_{T2}}$	$C_{BM_{T2}}$	CPX_{T2}	CPY_{T2}
10														
11														
12														

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
110	3	10	1.000	0.0032	-0.000	0.9319	2.7887	0.0062	0.0013	0.0044	0.0044	0.0010	0.0013	0.0007	0.0023	0.0014	1.1174	3.5432
		11	0.0172	0.0002	0.0016	0.2135	1.3520	0.0248	-0.0010	0.0108	0.0108	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	1.2087	2.1831
		12	0.0060	0.0002	0.0016	0.2135	1.3520	0.0248	-0.0010	0.0108	0.0108	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	1.2087	2.1831
110	4	10	0.999	-0.000	-0.000	5.2545	3.8743	0.0049	0.0013	0.0030	0.0030	0.0002	0.0013	0.0002	0.0012	-1.3376	3.1078	
		11	0.0021	0.0022	0.0016	6.2789	-4.8244	0.0010	-0.0002	0.0012	0.0012	-0.0002	-0.0002	-0.0002	-0.0002	-1.2958	5.6338	
		12	-0.0005	-0.0007	0.0005	6.2789	-4.8244	0.0010	-0.0002	0.0012	0.0012	-0.0002	-0.0002	-0.0002	-0.0002	-1.2958	5.6338	
110	5	10	0.996	-0.000	-0.000	-0.6030	1.4124	0.0033	0.0007	0.0023	0.0023	0.0010	0.0007	0.0007	0.0014	1.1172	3.4940	
		11	-0.0056	0.0006	-0.0016	3.0642	2.4778	-0.0051	-0.0010	-0.0014	-0.0014	-0.0010	-0.0010	-0.0010	-0.0014	1.0286	1.4231	
		12	-0.0005	-0.0003	-0.0002	3.0642	2.4778	-0.0051	-0.0010	-0.0014	-0.0014	-0.0010	-0.0010	-0.0010	-0.0014	1.0286	1.4231	
110	6	10	1.002	-0.000	-0.000	0.2179	1.8445	0.0063	0.0006	0.0032	0.0032	0.0019	0.0006	0.0006	0.0034	0.5478	2.5937	
		11	-0.0112	-0.0004	-0.0041	-5.3022	4.5175	-0.0100	-0.0019	-0.0034	-0.0034	-0.0019	-0.0019	-0.0019	-0.0034	0.9878	1.7219	
		12	0.0004	-0.0004	0.0004	-5.3022	4.5175	-0.0100	-0.0019	-0.0034	-0.0034	-0.0019	-0.0019	-0.0019	-0.0034	0.9878	1.7219	
110	7	10	0.997	-0.000	-0.000	0.5798	1.8989	0.0016	0.0000	0.0009	0.0009	0.0000	0.0000	0.0000	0.0073	0.2533	2.8793	
		11	-0.0152	-0.0017	-0.0058	4.2635	2.5650	-0.0175	-0.0035	-0.0073	-0.0073	-0.0035	-0.0035	-0.0035	-0.0073	1.0081	2.0959	
		12	-0.0007	-0.0006	-0.0004	4.2635	2.5650	-0.0175	-0.0035	-0.0073	-0.0073	-0.0035	-0.0035	-0.0035	-0.0073	1.0081	2.0959	
110	8	10	1.000	-0.001	-0.000	0.6955	2.1555	0.0007	0.0002	0.0006	0.0006	0.0002	0.0002	0.0002	0.0092	-1.5379	4.2309	
		11	-0.0181	-0.0025	-0.0078	3.1471	6.3034	-0.0223	-0.0045	-0.0092	-0.0092	-0.0045	-0.0045	-0.0045	-0.0092	1.0126	2.0804	
		12	-0.0008	-0.0005	-0.0010	3.1471	6.3034	-0.0223	-0.0045	-0.0092	-0.0092	-0.0045	-0.0045	-0.0045	-0.0092	1.0126	2.0804	
110	12	10	0.997	-0.000	-0.000	0.6498	1.9916	0.0015	0.0004	0.0005	0.0005	0.0004	0.0004	0.0005	0.0075	1.3282	1.6735	
		11	-0.0161	-0.0021	-0.0064	1.2670	2.2365	-0.0186	-0.0035	-0.0075	-0.0075	-0.0035	-0.0035	-0.0035	-0.0075	0.9648	2.0151	
		12	-0.0039	-0.0010	-0.0017	1.2670	2.2365	-0.0186	-0.0035	-0.0075	-0.0075	-0.0035	-0.0035	-0.0035	-0.0075	0.9648	2.0151	
111	5	10	0.794	-4.03	-0.000	0.9249	3.0250	-0.2452	-0.0405	-0.1168	-0.1168	-0.0405	-0.0405	-0.1120	0.8269	2.3809		
		11	0.0163	0.0030	0.0098	-0.1205	2.9444	-0.2295	-0.0400	-0.1120	-0.1120	-0.0400	-0.0400	-0.1120	0.8269	2.4420		
		12	0.0027	-0.0000	0.0016	-0.1205	2.9444	-0.2295	-0.0400	-0.1120	-0.1120	-0.0400	-0.0400	-0.1120	0.8269	2.4420		
111	6	10	0.800	-3.03	-0.000	0.9497	3.1024	-0.1628	-0.0318	-0.0760	-0.0760	-0.0318	-0.0318	-0.0742	0.9782	2.3360		
		11	0.0157	0.0030	0.0098	0.6357	2.5170	-0.1542	-0.0323	-0.0742	-0.0742	-0.0323	-0.0323	-0.0742	1.0494	2.4077		
		12	0.0091	0.0011	0.0046	0.6357	2.5170	-0.1542	-0.0323	-0.0742	-0.0742	-0.0323	-0.0323	-0.0742	1.0494	2.4077		
111	7	10	0.796	-2.08	-0.000	0.9611	2.9655	-0.1076	-0.0223	-0.0487	-0.0487	-0.0223	-0.0223	-0.0462	1.0391	2.2654		
		11	0.0148	0.0028	0.0087	0.1016	1.4768	-0.0963	-0.0217	-0.0462	-0.0462	-0.0217	-0.0217	-0.0462	1.1302	2.4009		
		12	0.0042	0.0000	0.0012	0.1016	1.4768	-0.0963	-0.0217	-0.0462	-0.0462	-0.0217	-0.0217	-0.0462	1.1302	2.4009		
111	8	10	0.800	-1.01	-0.000	1.0177	2.9435	-0.0373	-0.0084	-0.0156	-0.0156	-0.0084	-0.0084	-0.0136	1.1257	2.0908		
		11	0.0169	0.0034	0.0099	0.5646	1.7821	-0.0277	-0.0082	-0.0136	-0.0136	-0.0082	-0.0082	-0.0136	1.4920	2.4705		
		12	0.0069	0.0007	0.0024	0.5646	1.7821	-0.0277	-0.0082	-0.0136	-0.0136	-0.0082	-0.0082	-0.0136	1.4920	2.4705		

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
111	9	10	0.800	-0.54	-0.00	0.9905	2.7729	-0.0228	-0.0052	-0.0045	1.1529	1.8618	0.0173	0.0034	0.0095	0.1163	1.6343	-0.0078	-0.0040	-0.0085	2.5819	2.9214
111	10	10	0.797	-0.00	-0.00	0.9370	3.0030	0.0149	0.0024	0.0083	0.8288	2.7872	0.0151	0.0028	0.0091	0.4489	1.5515	0.0247	0.0024	0.0112	0.4969	2.2796
111	11	10	0.798	0.46	-0.00	0.9640	3.0854	0.0384	0.0074	0.0188	0.9650	2.4493	0.0147	0.0028	0.0090	0.3986	2.1230	0.0513	0.0080	0.0232	0.7850	2.2625
111	12	10	0.799	0.98	-0.00	0.9600	2.7617	0.0645	0.0127	0.0311	0.9881	2.4101	0.0170	0.0032	0.0094	0.2299	1.6527	0.0790	0.0136	0.0360	0.8612	2.2800
111	13	10	0.801	2.02	-0.00	1.0027	2.7207	0.1312	0.0256	0.0635	0.9765	2.4201	0.0185	0.0037	0.0100	0.1016	1.4768	0.1458	0.0265	0.0685	0.9099	2.3505
111	14	10	0.800	3.05	-0.00	0.9677	2.8393	0.2003	0.0355	0.0973	0.8869	2.4282	0.0153	0.0029	0.0086	0.0934	2.0059	0.2150	0.0371	0.1021	0.8638	2.3750
111	15	10	0.801	4.08	-0.00	0.9672	2.9482	0.2754	0.0409	0.1344	0.7436	2.4399	0.0129	0.0025	0.0076	0.0496	0.4927	0.2882	0.0426	0.1383	0.7402	2.4000
111	16	10	0.800	-0.04	-0.00	0.9366	2.8592	0.0074	0.0009	0.0048	0.6132	3.2418	0.0133	0.0024	0.0076	0.3505	2.2964	0.0173	0.0009	0.0073	0.2789	2.1217
112	1	10	0.798	-4.02	-0.00	-5.8275	-3.3499	-0.0794	-0.0218	-0.0399	1.3775	2.5124	-0.0016	0.0012	0.0010	0.6689	2.2237	-0.0498	-0.0164	-0.0284	1.6457	2.8528
112	2	10	0.801	-3.00	-0.00	-3.7490	1.7475	-0.0455	-0.0154	-0.0233	1.6912	2.5623	-0.0019	0.0014	0.0006	0.5718	2.1171	-0.0337	-0.0130	-0.0198	1.9343	2.9387
112	3	10	0.796	-2.05	-0.00	-4.7496	-61.0845	-0.0190	-0.0087	-0.0102	2.2965	3.0975	-0.0039	0.0016	0.0019	0.8569	2.4730	-0.0188	-0.0083	-0.0116	2.2147	3.0975

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key													
112	4	10	0.802	-1.00	-0.00	3.4660	2.8007	-0.0063	-0.0043	-0.0043	-0.0031	3.4526	2.5204		
		11	0.0028	0.0019	0.0015	0.4425	1.8708	-0.0104	-0.0049	-0.0056		2.3589	2.7157		
		12	0.0013	0.0001	0.0005										
112	5	10	0.802	-0.54	-0.00	2.7375	3.3927	-0.0029	-0.0023	-0.0014	3.8694	2.3470			
		11	0.0038	0.0020	0.0025	3.0927	3.7925	-0.0038	-0.0025	-0.0017	3.3568	2.2313			
		12	-0.0004	-0.0002	-0.0003										
112	6	10	0.800	-0.06	-0.00	4.6279	3.0946	0.0047	0.0012	0.0036	1.3138	3.9091			
		11	0.0022	0.0020	0.0013	2.9308	-3.3608	0.0014	0.0003	0.0013	1.3199	4.8561			
		12	-0.0005	-0.0002	0.0003										
112	7	10	0.797	0.45	-0.00	3.3813	3.1959	0.0144	0.0043	0.0076	1.4940	2.6620			
		11	0.0035	0.0023	0.0022	13.1079	-14.9134	0.0126	0.0039	0.0068	1.5473	2.6801			
		12	-0.0001	-0.0003	0.0003										
112	8	10	0.799	0.97	-0.00	3.4035	2.9101	0.0223	0.0080	0.0143	1.5067	2.7060			
		11	0.0032	0.0022	0.0018	5.40871	6.1791	0.0223	0.0072	0.0123	1.6247	2.7512			
		12	0.0001	-0.0001	0.0001										
112	9	10	0.800	2.01	-0.00	1.8747	2.5369	0.0655	0.0173	0.0325	1.3250	2.4830			
		11	0.0074	0.0027	0.0037	0.6238	3.2313	0.0579	0.0166	0.0295	1.4359	2.5455			
		12	0.0030	0.0003	0.0019										
112	10	10	0.803	3.07	-0.00	5.8473	4.7656	0.1006	0.0248	0.0497	1.3358	2.4698			
		11	0.0013	0.0015	0.0012	0.2794	4.0438	0.0851	0.0234	0.0434	1.3371	2.5500			
		12	0.0017	0.0000	0.0014										
112	11	10	0.803	4.04	-0.00	-7.1800	4.9044	0.1277	0.0290	0.0638	1.3354	2.4969			
		11	0.0007	0.0010	-0.0001	-2.9897	-0.8755	0.1105	0.0274	0.0559	1.3412	2.5299			
		12	-0.0010	-0.0006	0.0001										
112	12	10	0.801	-0.03	-0.00	2.1073	2.7147	0.0060	0.0017	0.0036	1.4300	3.0056			
		11	0.0055	0.0027	0.0035	-0.5228	16.8604	0.0063	0.0013	0.0029	1.0858	2.3765			
		12	0.0003	-0.0000	0.0010										
113	4	10	1.250	-4.09	-0.00	-0.7996	3.3805	-0.2449	-0.0113	-0.1142	0.2324	2.3317			
		11	0.0142	-0.0022	0.0069	0.4626	2.0217	-0.2479	-0.0091	-0.1206	0.1840	2.4331			
		12	0.0172	0.0015	0.0069										
113	5	10	1.250	-3.09	-0.00	-0.8152	3.2041	-0.1802	-0.0083	-0.0833	0.2323	2.3117			
		11	0.0152	-0.0024	0.0097	0.1559	2.0191	-0.1806	-0.0063	-0.0882	0.1759	2.4410			
		12	0.0192	0.0005	0.0077										

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																				
113	6	10	1.250	-2.10	-0.00	-0.7262	3.1439	-0.1152	-0.0055	-0.0515	0.2429	2.2761										
		11	0.0163	-0.0023	0.0103	0.0285	1.9979	-0.1150	-0.0042	-0.0568	0.1834	2.4688										
		12	0.0196	0.0001	0.0078																	
113	7	10	1.250	-1.05	-0.00	-0.6476	3.2355	-0.0458	-0.0031	-0.0195	0.3401	2.1351										
		11	0.0160	-0.0020	0.0104	-0.1416	2.0432	-0.0477	-0.0025	-0.0241	0.2649	2.5284										
		12	0.0203	-0.0005	0.0083																	
113	8	10	1.249	-0.56	-0.00	-0.8562	3.4810	-0.0159	-0.0018	-0.0057	0.5869	1.7994										
		11	0.0138	-0.0023	0.0096	-0.2556	2.1075	-0.0196	-0.0015	-0.0111	0.4010	2.8503										
		12	0.0210	-0.0010	0.0088																	
113	9	10	1.250	-0.01	-0.00	-0.5536	3.1242	0.0194	-0.0002	0.0101	-0.0673	2.6078										
		11	0.0163	-0.0018	0.0101	-0.2755	2.0427	0.0161	-0.0004	0.0055	-0.1315	1.7103										
		12	0.0211	-0.0011	0.0086																	
113	10	10	1.249	0.47	-0.00	-0.4907	3.3855	0.0499	0.0008	0.0244	0.0824	2.4466										
		11	0.0143	-0.0014	0.0097	-0.4155	2.0541	0.0477	0.0008	0.0201	0.0866	2.1068										
		12	0.0193	-0.0016	0.0079																	
113	11	10	1.249	1.01	-0.00	-0.4450	3.2005	0.0900	0.0016	0.0393	0.1014	2.4583										
		11	0.0158	-0.0014	0.0101	-0.2919	2.0937	0.0770	0.0019	0.0340	0.1253	2.2095										
		12	0.0219	-0.0012	0.0091																	
113	12	10	1.249	2.05	-0.00	-0.6018	3.7335	0.1534	0.0047	0.0734	0.1542	2.3946										
		11	0.0124	-0.0014	0.0092	-0.5065	2.0471	0.1470	0.0041	0.0675	0.1408	2.2958										
		12	0.0243	-0.0024	0.0099																	
113	13	10	1.250	3.09	-0.00	-0.3649	3.6990	0.2180	0.0072	0.1047	0.1657	2.4019										
		11	0.0115	-0.0008	0.0085	-0.9530	2.0439	0.2177	0.0073	0.1003	0.1685	2.3049										
		12	0.0189	-0.0036	0.0077																	
113	14	10	1.250	4.11	-0.00	-0.5405	4.5204	0.2794	0.0096	0.1346	0.1721	2.4098										
		11	0.0085	-0.0009	0.0077	-1.1225	2.0837	0.2800	0.0104	0.1297	0.1868	2.3171										
		12	0.0172	-0.0038	0.0072																	
113	15	10	1.251	-0.03	-0.00	-0.4991	3.1581	0.0169	-0.0003	0.0085	-0.0915	2.5388										
		11	0.0153	-0.0015	0.0096	-0.4033	2.0255	0.0148	-0.0006	0.0051	-0.2324	1.7288										
		12	0.0186	-0.0015	0.0075																	
114	1	10	1.097	-4.07	-0.00	0.4627	3.6693	-0.2831	-0.0243	-0.1329	0.4291	2.3467										
		11	0.0130	0.0012	0.0095	1.0288	0.7982	-0.2648	-0.0255	-0.1287	0.4818	2.4312										
		12	0.0039	0.0008	0.0006																	

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																	
114	2	10	1.098	-5.07	-0.00	0.4120	3.5812	-0.2093	-0.0220	-0.0966	0.5265	2.3077								
		11	0.0147	0.0012	0.0105	0.7368	1.0602	-0.1894	-0.0239	-0.0919	0.6323	2.4234								
		12	0.0053	0.0007	0.0011															
114	3	10	1.096	-2.08	-0.00	0.3163	3.5226	-0.1344	-0.0170	-0.0611	0.6328	2.2740								
		11	0.0139	0.0008	0.0098	0.6257	1.1191	-0.1227	-0.0194	-0.0595	0.7939	2.4228								
		12	0.0061	0.0007	0.0013															
114	4	10	1.099	-1.05	-0.00	0.3638	3.8626	-0.0587	-0.0080	-0.0259	0.6886	2.2107								
		11	0.0122	0.0008	0.0094	0.0253	1.2517	-0.0461	-0.0100	-0.0230	1.0921	2.4926								
		12	0.0055	0.0000	0.0013															
114	5	10	1.099	-0.55	-0.00	0.4836	3.7373	-0.0268	-0.0036	-0.0117	0.6800	2.1897								
		11	0.0124	0.0012	0.0092	0.4794	1.2021	-0.0172	-0.0063	-0.0096	1.0474	2.7927								
		12	0.0052	-0.0005	0.0012															
114	9	10	1.097	-0.58	-0.00	0.5625	2.8032	-0.0322	-0.0041	-0.0131	0.6376	2.0439								
		11	0.0149	0.0016	0.0083	0.3522	1.5892	-0.0214	-0.0066	-0.0107	1.5485	2.5133								
		12	0.0059	-0.0004	0.0018															
114	10	10	1.096	-0.03	-0.00	0.6520	2.6534	0.0046	0.0016	0.0030	1.7653	3.3039								
		11	0.0169	0.0022	0.0090	0.4202	1.1373	0.0161	-0.0010	0.0061	-0.3389	1.9106								
		12	0.0060	-0.0005	0.0013															
114	11	10	1.099	0.45	-0.00	0.6423	2.6818	0.0331	0.0060	0.0166	0.9127	2.5081								
		11	0.0172	0.0022	0.0092	0.4181	1.4414	0.0456	0.0032	0.0198	0.3515	2.1757								
		12	0.0078	-0.0006	0.0022															
114	12	10	1.102	0.99	-0.00	0.6040	2.8656	0.0676	0.0101	0.0320	0.7498	2.3700								
		11	0.0147	0.0017	0.0084	0.7689	1.3362	0.0793	0.0077	0.0356	0.4860	2.2431								
		12	0.0037	-0.0020	0.0010															
114	13	10	1.096	2.03	-0.00	0.5062	2.9557	0.1388	0.0181	0.0660	0.6528	2.3792								
		11	0.0145	0.0014	0.0086	0.5307	1.5030	0.1507	0.0165	0.0688	0.5505	2.2825								
		12	0.0070	-0.0007	0.0021															
114	14	10	1.099	3.09	-0.00	0.3371	3.5364	0.2121	0.0223	0.1014	0.5234	2.3919								
		11	0.0091	0.0006	0.0067	0.1479	0.3596	0.2247	0.0213	0.1043	0.4744	2.3207								
		12	0.0035	-0.0015	0.0002															
114	15	10	1.098	4.11	-0.00	0.4666	3.1994	0.2932	0.0237	0.1413	0.3916	2.4097								
		11	0.0136	0.0012	0.0087	0.0180	1.4875	0.3022	0.0237	0.1417	0.3932	2.3451								
		12	0.0088	-0.0000	0.0026															

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key														
114	16	1.100	-0.033	-0.000	0.5522	3.1704	0.0004	0.0005	0.0021	5.4286	22.8974					
	11	0.0123	0.0013	0.0078	-1.7224	0.9776	0.012A	-0.0013	0.0046	-0.5183	1.8167					
	12	0.0058	-0.0013	0.0007												
115	1	0.999	-0.039	-0.000	1.4249	3.2961	-0.3074	-0.0319	-0.1440	0.5190	2.3433					
	11	0.0139	0.0039	0.0092	1.2075	1.4105	-0.2937	-0.0309	-0.1418	0.5276	2.4151					
	12	0.0073	0.0017	0.0020												
115	2	0.998	-0.055	-0.000	1.2899	2.9885	-0.2249	-0.0260	-0.1044	0.5793	2.3212					
	11	0.0172	0.0044	0.0103	1.2603	1.1330	-0.2096	-0.0253	-0.1003	0.6050	2.3923					
	12	0.0048	0.0012	0.0011												
115	3	1.000	-0.037	-0.000	1.0046	2.7731	-0.1543	-0.0190	-0.0708	0.6165	2.2932					
	11	0.0185	0.0037	0.0102	1.2012	0.6558	-0.1345	-0.0193	-0.0645	0.7172	2.3986					
	12	0.0041	0.0010	0.0005												
115	4	1.000	-0.057	-0.000	0.9497	3.1024	-0.0633	-0.0082	-0.0274	0.6535	2.1653					
	11	0.0121	0.0023	0.0075	-0.0758	1.3976	-0.0499	-0.0103	-0.0247	1.0344	2.4767					
	12	0.0049	-0.0000	0.0013												
115	5	0.998	-0.032	-0.000	0.9300	2.7106	-0.0322	-0.0039	-0.0136	0.6150	2.1101					
	11	0.0174	0.0032	0.0094	0.3443	1.0863	-0.0149	-0.0062	-0.0080	2.0991	2.6685					
	12	0.0057	0.0003	0.0012												
115	6	1.000	-0.032	-0.000	0.9487	2.7996	0.0091	0.0018	0.0054	0.9958	2.9590					
	11	0.0171	0.0032	0.0095	0.1986	1.3952	0.0262	-0.0010	0.0113	-0.2037	2.1598					
	12	0.0063	0.0002	0.0017												
115	7	1.001	0.045	-0.000	1.0462	2.8137	0.0408	0.0061	0.0202	0.7572	2.4816					
	11	0.0160	0.0033	0.0090	0.1837	1.0231	0.0584	0.0031	0.0262	0.2721	2.2421					
	12	0.0046	0.0001	0.0009												
115	8	0.996	0.034	-0.000	1.1817	2.8433	0.0651	0.0115	0.0407	0.6793	2.3937					
	11	0.0147	0.0034	0.0083	0.3208	0.8985	0.1006	0.0083	0.0458	0.4172	2.2777					
	12	0.0046	0.0002	0.0008												
115	9	0.999	2.05	-0.000	1.1076	2.9592	0.1709	0.0207	0.0813	0.6081	2.3792					
	11	0.0141	0.0031	0.0083	0.5659	1.2135	0.1847	0.0181	0.0854	0.4904	2.3117					
	12	0.0073	0.0008	0.0017												
115	10	0.996	3.11	-0.000	0.9997	2.8687	0.2552	0.0273	0.1228	0.5361	2.4055					
	11	0.0138	0.0027	0.0079	0.6547	1.3694	0.2682	0.0260	0.1253	0.4850	2.3365					
	12	0.0080	0.0010	0.0022												

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd																			
115	11	0.997	4.12	-0.00	0.8253	3.0289	0.3362	0.0314	0.1621	0.4671	2.4110									
	11	0.0140	0.0023	0.0085	0.6313	0.9983	0.3510	0.0314	0.1657	0.4477	2.3600									
	12	0.0075	0.0009	0.0015																
115	10	0.999	-0.03	-0.00	0.9927	2.6993	0.0661	0.0015	0.0038	1.2334	3.1459									
	11	0.0174	0.0034	0.0094	0.0888	0.8807	0.0238	-0.0015	0.0101	-0.3340	2.1233									
	12	0.0038	0.0000	0.0006																
117	3	0.997	-4.09	0.00	8.4079	7.1628	-0.1190	-0.0288	-0.0574	1.2333	2.4346									
	11	0.0010	0.0017	0.0015	0.6681	2.1345	-0.0881	-0.0252	-0.0454	1.4332	2.5802									
	12	-0.0291	-0.0040	-0.0124																
117	4	1.000	-3.06	0.00	3.0490	3.5302	-0.0800	-0.0235	-0.0392	1.4689	2.4530									
	11	0.0036	0.0022	0.0026	0.5570	2.0027	-0.0622	-0.0217	-0.0330	1.7437	2.6538									
	12	-0.0153	-0.0017	-0.0061																
117	5	0.999	-2.07	-0.00	2.5881	3.1636	-0.0433	-0.0153	-0.0214	1.7682	2.4731									
	11	0.0041	0.0021	0.0026	0.8215	1.7649	-0.0366	-0.0147	-0.0195	2.0181	2.6684									
	12	-0.0038	-0.0006	-0.0013																
117	6	0.999	-1.06	-0.00	3.0469	3.3563	-0.0151	-0.0066	-0.0068	2.1848	2.2374									
	11	0.0038	0.0023	0.0002	1.8014	-0.8465	-0.0159	-0.0072	-0.0080	2.2798	2.5290									
	12	-0.0016	-0.0005	0.0002																
117	7	0.998	-0.57	-0.00	3.0466	3.3370	-0.0056	-0.0032	-0.0023	2.8902	2.0699									
	11	0.0034	0.0021	0.0023	-0.1715	4.7100	-0.0073	-0.0041	-0.0037	2.7929	2.5551									
	12	0.0005	-0.0000	0.0005																
117	8	0.996	-0.03	-0.00	2.6089	3.1801	0.0072	0.0022	0.0041	1.5124	2.8487									
	11	0.0042	0.0022	0.0027	1.2624	3.6102	0.0033	0.0005	0.0028	0.8528	4.1545									
	12	0.0020	0.0005	0.0014																
117	9	1.000	0.43	-0.00	3.3429	3.4491	0.0127	0.0046	0.0071	1.8193	2.7996									
	11	0.0031	0.0021	0.0021	2.9308	-3.3608	0.0118	0.0038	0.0065	1.6246	2.7708									
	12	-0.0004	-0.0002	0.0002																
117	10	0.999	0.99	-0.00	4.1555	4.5403	0.0290	0.0097	0.0148	1.6716	2.5579									
	11	0.0025	0.0021	0.0023	3.0587	2.2213	0.0275	0.0091	0.0147	1.6533	2.6732									
	12	-0.0009	-0.0005	-0.0004																
117	11	1.000	2.04	-0.00	15.6826	1.5914	0.0626	0.0184	0.0311	1.4744	2.4856									
	11	0.0004	0.0012	-0.0001	-2.2679	1.0954	0.0507	0.0168	0.0271	1.6658	2.6727									
	12	-0.0012	-0.0005	-0.0002																

← See Key →

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

← See Key →

Run Pt.	Cd																			
118	12	10	0.996	2.01	-0.00	2.4047	2.9421	0.0767	0.0220	0.0382	1.4360	2.4920								
		11	0.0043	0.0020	0.0025	14.1872	-10.8723	0.0729	0.0212	0.0366	1.4550	2.5159								
		12	-0.0002	-0.0006	0.0005															
118	13	10	0.999	3.04	-0.00	2.4525	2.7077	0.1293	0.0330	0.0636	1.2794	2.4584								
		11	0.0046	0.0022	0.0025	3.9184	-0.6544	0.1195	0.0317	0.0601	1.3271	2.5151								
		12	-0.0010	-0.0007	0.0001															
118	14	10	0.999	4.09	-0.00	1.5871	2.3672	0.1681	0.0345	0.0835	1.0271	2.4837								
		11	0.0075	0.0024	0.0035	-0.1715	4.7100	0.1603	0.0340	0.0801	1.0603	2.4999								
		12	0.0005	-0.0000	0.0005															
118	15	10	1.000	1.99	-0.00	0.3415	2.3110	0.0206	0.0056	0.0125	1.3787	3.0507								
		11	-0.0369	-0.0025	-0.0170	0.8708	1.9890	-0.0057	0.0008	0.0000	-0.7591	-0.0105								
		12	-0.0156	-0.0027	-0.0062															
118	16	10	1.000	3.04	-0.00	0.5036	2.3243	0.0464	0.0107	0.0254	1.1527	3.7398								
		11	-0.0432	-0.0043	-0.0201	0.8563	1.9346	0.0156	0.0040	0.0105	1.2777	3.3476								
		12	-0.0218	-0.0037	-0.0084															
118	17	10	0.994	4.06	0.00	0.6284	2.4859	0.0757	0.0158	0.0403	1.0479	2.6608								
		11	-0.0449	-0.0056	-0.0223	0.8850	2.0863	0.0539	0.0091	0.0283	0.8467	2.6265								
		12	-0.0198	-0.0035	-0.0082															
118	18	10	0.997	-0.05	-0.00	0.0914	2.3985	0.0072	0.0009	0.0037	0.6822	2.5623								
		11	-0.0095	-0.0001	-0.0045	8.1544	-5.6443	-0.0083	-0.0012	-0.0032	0.7607	1.9306								
		12	-0.0003	-0.0005	0.0003															
119	4	10	0.999	-4.09	-0.00	1.9029	3.0983	-0.1849	-0.0427	-0.0892	1.1550	2.4129								
		11	0.0092	0.0035	0.0057	0.7692	0.8603	-0.1713	-0.0429	-0.0845	1.2522	2.4668								
		12	-0.0064	-0.0009	-0.0011															
119	5	10	0.996	-3.06	-0.00	1.7930	2.7211	-0.1447	-0.0361	-0.0683	1.2497	2.3599								
		11	0.0107	0.0038	0.0058	1.3721	-0.9214	-0.1391	-0.0373	-0.0680	1.3434	2.4429								
		12	-0.0029	-0.0008	0.0005															
119	6	10	0.999	-2.07	-0.00	1.8293	2.7609	-0.0872	-0.0243	-0.0411	1.3925	2.3587								
		11	0.0117	0.0043	0.0065	1.7990	-1.6712	-0.0856	-0.0255	-0.0406	1.4916	2.3746								
		12	-0.0016	-0.0005	0.0005															
119	7	10	0.999	-1.08	-0.00	1.7468	2.9553	-0.0356	-0.0102	-0.0152	1.4327	2.1358								
		11	0.0110	0.0038	0.0065	1.9830	2.6729	-0.0364	-0.0128	-0.0167	1.7583	2.3012								
		12	0.0064	0.0012	0.0034															

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key											
119	8	0.998	-0.55	-0.00	1.8633	3.0067	-0.0131	-0.0041	-0.0052	1.5867	1.9821		
	11	0.0080	0.0030	0.0048	-2.1554	6.0713	-0.0138	-0.0065	-0.0061	2.3529	2.2146		
	12	0.0009	-0.0003	0.0011									
119	9	0.999	-0.06	-0.00	1.5886	2.7217	0.0117	0.0026	0.0068	1.1149	2.9198		
	11	0.0124	0.0039	0.0067	-0.8064	3.1822	0.0167	0.0012	0.0081	0.3685	2.4380		
	12	0.0017	-0.0002	0.0011									
119	10	0.998	0.46	-0.00	1.5555	3.0585	0.0459	0.0110	0.0220	1.2007	2.3961		
	11	0.0108	0.0033	0.0066	0.4553	2.8143	0.0454	0.0081	0.0216	0.9015	2.3841		
	12	0.0051	0.0004	0.0028									
119	11	0.999	0.97	-0.00	1.4476	2.7321	0.0830	0.0197	0.0389	1.1877	2.3456		
	11	0.0149	0.0043	0.0081	0.2073	2.6095	0.0850	0.0176	0.0402	1.0346	2.3639		
	12	0.0037	0.0001	0.0019									
119	12	0.998	2.04	-0.00	2.0142	2.6341	0.1636	0.0269	0.0779	0.8224	2.3814		
	11	0.0139	0.0056	0.0073	0.4662	2.2583	0.1703	0.0249	0.0808	0.7319	2.3729		
	12	0.0052	0.0004	0.0023									
119	13	0.997	3.07	-0.00	1.9993	2.6212	0.2407	0.0344	0.1159	0.7162	2.4075		
	11	0.0137	0.0055	0.0072	-0.3479	1.8274	0.2496	0.0331	0.1194	0.6649	2.3921		
	12	0.0022	-0.0001	0.0008									
119	14	0.998	4.09	-0.00	1.8349	2.7222	0.3147	0.0396	0.1532	0.6297	2.4347		
	11	0.0149	0.0055	0.0081	0.2210	2.0318	0.3239	0.0389	0.1566	0.6015	2.4174		
	12	0.0037	0.0001	0.0015									
119	15	0.998	-0.04	-0.00	1.0909	2.8347	0.0144	0.0030	0.0076	1.0627	2.6334		
	11	0.0161	0.0035	0.0091	-1.1690	2.0186	0.0256	-0.0010	0.0114	-0.2092	2.2390		
	12	0.0027	-0.0006	0.0011									
120	1	0.999	-4.09	-0.00	1.5396	2.9149	-0.2579	-0.0447	-0.1236	0.8678	2.3959		
	11	0.0134	0.0041	0.0078	2.1894	7.1057	-0.2526	-0.0468	-0.1223	0.9267	2.4213		
	12	0.0009	0.0004	0.0013									
120	2	1.001	-3.08	-0.00	1.5635	2.6826	-0.1816	-0.0376	-0.0856	1.0378	2.3584		
	11	0.0142	0.0044	0.0076	3.4686	18.9502	-0.1755	-0.0392	-0.0846	1.1172	2.4107		
	12	0.0001	0.0001	0.0005									
120	3	0.997	-2.08	-0.00	1.1600	2.9132	-0.1357	-0.0181	-0.0621	0.6690	2.2896		
	11	0.0157	0.0036	0.0091	0.5223	2.1821	-0.1252	-0.0207	-0.0594	0.8289	2.3720		
	12	0.0019	0.0001	0.0008									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

← See Key →

Run	Pt.	Cd																		
120	4	10	0.997	-1.07	-0.00	0.9715	2.8305	-0.0625	-0.0081	-0.0273	0.6498	2.1882								
		11	0.0156	0.0030	0.0088	5.0642	2.4778	-0.0465	-0.0109	-0.0218	1.1731	2.3457								
		12	-0.0011	-0.0006	-0.0005															
120	5	10	0.997	-0.56	-0.00	0.9988	2.7373	-0.0252	-0.0030	-0.0103	0.6028	2.0435								
		11	0.0182	0.0036	0.0099	0.0484	1.9890	-0.0125	-0.0060	-0.0057	2.4318	2.2934								
		12	0.0041	0.0000	0.0016															
120	6	10	0.998	-0.03	-0.00	1.2326	2.8240	0.0156	0.0030	0.0080	0.9723	2.5608								
		11	0.0142	0.0035	0.0080	-1.7102	2.8031	0.0237	-0.0010	0.0110	-0.2189	2.3268								
		12	0.0022	-0.0007	0.0012															
120	7	10	1.000	0.47	-0.00	1.1592	3.1271	0.0488	0.0074	0.0235	0.7649	2.4127								
		11	0.0126	0.0029	0.0079	0.1690	1.6212	0.0603	0.0036	0.0275	0.3035	2.2838								
		12	0.0047	0.0001	0.0015															
120	8	10	1.001	1.01	-0.00	1.1127	2.7588	0.0693	0.0125	0.0430	0.7038	2.4068								
		11	0.0163	0.0036	0.0090	0.1967	2.0494	0.1022	0.0088	0.0470	0.4311	2.2994								
		12	0.0061	0.0002	0.0025															
120	9	10	0.999	2.03	-0.00	1.1136	2.8009	0.1734	0.0217	0.0830	0.6279	2.3940								
		11	0.0162	0.0036	0.0091	0.5041	1.4797	0.1864	0.0184	0.0870	0.4961	2.3335								
		12	0.0060	0.0006	0.0017															
120	10	10	1.000	3.08	-0.00	1.0677	2.8692	0.2592	0.0288	0.1247	0.5562	2.4065								
		11	0.0158	0.0033	0.0090	0.7018	1.8535	0.2665	0.0257	0.1258	0.4836	2.3612								
		12	0.0081	0.0011	0.0030															
120	11	10	0.997	4.09	-0.00	0.7824	3.0683	0.3345	0.0326	0.1620	0.4883	2.4217								
		11	0.0125	0.0019	0.0077	0.5815	1.4341	0.3461	0.0321	0.1640	0.4649	2.3692								
		12	0.0062	0.0007	0.0017															
120	12	10	0.998	-0.02	-0.00	1.1868	3.0700	0.0148	0.0025	0.0078	0.8664	2.6453								
		11	0.0112	0.0026	0.0069	0.1016	1.4768	0.0217	-0.0013	0.0094	-0.3050	2.1664								
		12	0.0065	0.0001	0.0019															
121	1	10	0.997	-4.08	-0.00	1.5001	2.6963	-0.2568	-0.0454	-0.1230	0.8839	2.3947								
		11	0.0135	0.0040	0.0073	3.2683	10.5486	-0.2514	-0.0471	-0.1221	0.9379	2.4287								
		12	0.0003	0.0002	0.0006															
121	2	10	0.998	-3.07	-0.00	1.6730	2.9227	-0.1719	-0.0379	-0.0819	1.1043	2.3831								
		11	0.0103	0.0034	0.0060	2.8942	-4.9006	-0.1708	-0.0401	-0.0826	1.1753	2.4202								
		12	-0.0004	-0.0002	0.0004															

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																					
121	3	0.999	-2.09	-0.00	0.999	1.6761	2.9240	-0.1055	-0.0269	-0.0491	1.2774	2.3273	0.0117	0.0039	0.0068	0.0009	1.6761	2.9240	-0.1055	-0.0269	-0.0491	1.2774	2.3273
121	4	0.998	-1.07	-0.00	0.998	1.6284	2.6789	-0.0402	-0.0113	-0.0178	1.4133	2.3125	0.0120	0.0039	0.0064	0.0011	1.6284	2.6789	-0.0402	-0.0113	-0.0178	1.4133	2.3125
121	5	0.998	-0.55	-0.00	0.998	1.5759	2.5813	-0.0171	-0.0052	-0.0068	1.5394	2.3566	0.0135	0.0042	0.0070	0.0019	1.5759	2.5813	-0.0171	-0.0052	-0.0068	1.5394	2.3566
121	6	0.999	-0.02	-0.00	0.999	1.5977	2.8894	0.0183	0.0043	0.0087	1.1921	2.3677	0.0104	0.0033	0.0060	0.0009	1.5977	2.8894	0.0183	0.0043	0.0087	1.1921	2.3677
121	7	0.996	0.45	-0.00	0.996	1.7169	3.7058	0.0403	0.0107	0.0188	1.3300	2.3359	0.0114	0.0039	0.0061	0.0010	1.7169	3.7058	0.0403	0.0107	0.0188	1.3300	2.3359
121	8	1.000	1.04	-0.00	1.000	1.8060	3.6144	0.0674	0.0179	0.0328	1.3286	2.4394	0.0091	0.0001	0.0008	0.0000	1.8060	3.6144	0.0674	0.0179	0.0328	1.3286	2.4394
121	9	0.997	2.02	-0.00	0.997	1.9614	2.7929	0.1017	0.0271	0.0495	1.3344	2.4347	0.0078	0.0030	0.0043	0.0012	1.9614	2.7929	0.1017	0.0271	0.0495	1.3344	2.4347
121	10	0.998	3.09	-0.00	0.998	1.6149	2.6934	0.1542	0.0370	0.0759	1.2023	2.4611	0.0098	0.0031	0.0053	0.0002	1.6149	2.6934	0.1542	0.0370	0.0759	1.2023	2.4611
121	11	0.995	4.06	-0.00	0.995	2.8193	2.4663	0.1716	0.0348	0.0851	1.0161	2.4809	0.0080	0.0022	0.0039	0.0004	2.8193	2.4663	0.1716	0.0348	0.0851	1.0161	2.4809
121	12	0.998	-0.05	-0.00	0.998	1.9260	2.7359	0.0100	0.0029	0.0047	1.1774	2.3916	0.0066	0.0025	0.0036	0.0005	1.9260	2.7359	0.0100	0.0029	0.0047	1.1774	2.3916
122	4	0.897	-4.03	-0.00	0.897	1.1900	3.2147	-0.2704	-0.0507	-0.1286	0.9382	2.3787	0.0119	0.0028	0.0077	0.0009	1.1900	3.2147	-0.2704	-0.0507	-0.1286	0.9382	2.3787

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key														
122	5	0.897	-3.06	-0.0027	0.0073	-0.0003	1.2295	3.3423	-0.1886	-0.0391	-0.0890	1.0369	2.3606	1.1153	2.4027	
	11	0.0110	0.0027	0.0000	0.0073	0.0003										
	12	0.0000	-0.0006	-0.0000	-0.0003	-0.0003										
122	6	0.902	-2.08	0.0036	0.0081	0.0006	1.3701	3.0738	-0.1150	-0.0262	-0.0531	1.1427	2.3085	1.2671	2.3947	
	11	0.0131	0.0036	0.0000	0.0081	0.0006	-0.3273	1.2076	-0.1070	-0.0271	-0.0512					
	12	0.0025	-0.0001	-0.0000	0.0006	0.0006										
122	7	0.902	-1.03	0.0040	0.0088	0.0012	1.3803	3.0519	-0.0458	-0.0114	-0.0202	1.2464	2.2064	1.6434	2.3449	
	11	0.0145	0.0040	0.0000	0.0088	0.0012	0.0960	1.6932	-0.0369	-0.0121	-0.0173					
	12	0.0036	0.0000	0.0000	0.0012	0.0012										
122	8	0.901	-0.53	0.0036	0.0079	0.0018	1.3689	3.0164	-0.0185	-0.0046	-0.0073	1.2659	1.9797	1.5222	2.4989	
	11	0.0132	0.0036	0.0005	0.0079	0.0018	0.5125	1.6781	-0.0120	-0.0060	-0.0060					
	12	0.0054	0.0005	0.0000	0.0018	0.0018										
122	9	0.898	-0.03	0.0031	0.0079	0.0004	1.3329	3.4178	0.0166	0.0037	0.0084	1.1379	2.5316	0.6081	2.2289	
	11	0.0116	0.0031	0.0001	0.0079	0.0004	-0.3171	0.9024	0.0261	0.0031	0.0116					
	12	0.0025	-0.0001	-0.0000	0.0004	0.0004										
122	10	0.899	0.48	0.0036	0.0090	0.0009	1.3067	3.2474	0.0402	0.0095	0.0194	1.1836	2.4138	0.9107	2.2681	
	11	0.0139	0.0036	0.0000	0.0090	0.0009	-0.0785	1.4929	0.0526	0.0095	0.0238					
	12	0.0030	-0.0000	0.0000	0.0009	0.0009										
122	11	0.901	1.00	0.0034	0.0082	0.0007	1.3825	3.2701	0.0816	0.0185	0.0395	1.1377	2.4201	0.9981	2.3428	
	11	0.0126	0.0034	0.0000	0.0082	0.0007	0.1127	1.0487	0.0913	0.0182	0.0427					
	12	0.0036	0.0000	0.0000	0.0007	0.0007										
122	12	0.903	2.02	0.0034	0.0082	0.0012	1.3825	3.2701	0.1499	0.0319	0.0720	1.0643	2.4003	0.9841	2.3690	
	11	0.0125	0.0034	0.0007	0.0082	0.0012	29.4127	48.2168	0.1655	0.0325	0.0784					
	12	-0.0001	-0.0007	-0.0000	0.0012	0.0012										
122	13	0.907	3.06	0.0037	0.0094	0.0010	1.3028	3.2785	0.2367	0.0443	0.1147	0.9376	2.4247	0.9000	2.3834	
	11	0.0143	0.0037	0.0003	0.0094	0.0010	0.3736	1.2165	0.2517	0.0453	0.1199					
	12	0.0043	0.0003	0.0000	0.0010	0.0010										
122	14	0.901	4.09	0.0040	0.0091	0.0009	1.3177	3.0125	0.3147	0.0532	0.1537	0.8452	2.4417	0.8215	2.4085	
	11	0.0151	0.0040	0.0000	0.0091	0.0009	-0.0785	1.4929	0.3305	0.0543	0.1592					
	12	0.0030	-0.0000	0.0000	0.0009	0.0009										
122	15	0.901	-0.04	0.0034	0.0080	0.0010	1.3432	3.1245	0.0148	0.0033	0.0075	1.1406	2.5494	0.5326	2.2941	
	11	0.0129	0.0034	0.0003	0.0080	0.0010	0.3736	1.2165	0.0239	0.0025	0.0109					
	12	0.0043	0.0003	0.0000	0.0010	0.0010										

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →										
123	1	10	0.900	-4.04	-0.0033	1.9528	3.5164	-0.1487	-0.0329	-0.0724	1.1071	2.4349	
		11	0.0047	0.0018	0.0033	1.0464	1.0637	-0.1453	-0.0338	-0.0712	1.1631	2.4519	
		12	-0.0064	-0.0013	-0.0013								
123	2	10	0.901	-5.02	-0.0039	1.6964	2.8262	-0.1095	-0.0277	-0.0528	1.2667	2.4123	
		11	0.0070	0.0023	0.0039	1.2967	1.0626	-0.1075	-0.0288	-0.0529	1.3398	2.4617	
		12	-0.0042	-0.0011	-0.0009								
123	3	10	0.899	-2.07	-0.0039	1.7033	3.1758	-0.0669	-0.0184	-0.0317	1.3753	2.3720	
		11	0.0062	0.0021	0.0039	1.6374	0.7449	-0.0668	-0.0195	-0.0322	1.4658	2.4106	
		12	-0.0030	-0.0010	-0.0004								
123	4	10	0.900	-1.03	-0.0039	1.7033	3.1758	-0.0245	-0.0075	-0.0111	1.5432	2.2800	
		11	0.0062	0.0021	0.0039	4.0238	-3.0999	-0.0257	-0.0088	-0.0114	1.7302	2.2225	
		12	-0.0009	-0.0007	0.0006								
123	5	10	0.900	-0.53	-0.0039	1.6964	2.8262	-0.0061	-0.0025	-0.0027	2.0296	2.2588	
		11	0.0070	0.0023	0.0039	2.0360	-0.3421	-0.0088	-0.0041	-0.0034	2.3224	1.9578	
		12	-0.0022	-0.0008	0.0001								
123	6	10	0.902	-0.03	-0.0039	1.6192	2.5304	0.0127	0.0031	0.0058	1.2389	2.2951	
		11	0.0081	0.0026	0.0041	11.7972	-19.8208	0.0092	0.0014	0.0054	0.7753	2.9252	
		12	-0.0002	-0.0005	0.0009								
123	7	10	0.899	0.49	-0.0039	2.0499	3.2671	0.0269	0.0071	0.0130	1.3243	2.4223	
		11	0.0042	0.0017	0.0027	8.6085	-2.0055	0.0244	0.0053	0.0120	1.1012	2.4675	
		12	-0.0003	-0.0006	0.0001								
123	8	10	0.901	0.98	-0.0039	1.9977	3.3661	0.0511	0.0135	0.0248	1.3192	2.4240	
		11	0.0050	0.0020	0.0033	3.8927	-1.2990	0.0498	0.0121	0.0245	1.2222	2.4672	
		12	-0.0011	-0.0009	0.0003								
123	9	10	0.900	2.04	-0.0039	1.7120	3.6233	0.0996	0.0249	0.0485	1.2476	2.4314	
		11	0.0055	0.0018	0.0039	-6.3367	13.8164	0.0971	0.0240	0.0478	1.2346	2.4610	
		12	0.0004	-0.0005	0.0012								
123	10	10	0.899	3.07	-0.0039	1.5235	2.9471	0.1626	0.0345	0.0788	1.0625	2.4227	
		11	0.0083	0.0025	0.0049	41.9957	-47.7058	0.1562	0.0339	0.0769	1.0848	2.4627	
		12	-0.0000	-0.0006	0.0007								
123	11	10	0.900	4.08	-0.0039	1.2874	2.9454	0.2090	0.0369	0.1019	0.8838	2.4389	
		11	0.0078	0.0020	0.0046	4.2277	1.6879	0.2082	0.0375	0.1019	0.9016	2.4466	
		12	-0.0009	-0.0007	-0.0003								

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
123	12	10	0.901	-0.04	-0.00	1.5235	2.9471	0.0156	0.0030	0.0073	1.2170	2.3422						
		11	0.0083	0.0025	0.0049	1.5235	2.9471	0.0156	0.0030	0.0073	1.2170	2.3422						
		12	0.0001	-0.0005	0.0010	-26.4365	51.0477	0.0147	0.0023	0.0075	0.0079	2.5776						
124	1	10	0.898	-4.05	-0.00	1.6574	3.2881	-0.1606	-0.0347	-0.0777	1.0821	2.4207						
		11	0.0061	0.0020	0.0040	1.2609	0.7006	-0.1576	-0.0350	-0.0769	1.1114	2.4403						
		12	-0.0054	-0.0013	-0.0007	1.4962	2.6750	-0.1158	-0.0288	-0.0557	1.3289	2.4050						
124	2	10	0.900	-3.04	-0.00	1.3321	-0.1971	-0.1153	-0.0306	-0.0557	1.3289	2.4151						
		11	0.0089	0.0026	0.0047	1.6050	2.6649	-0.0748	-0.0202	-0.0350	1.3501	2.3434						
		12	-0.0038	-0.0010	0.0001	1.9318	-0.3792	-0.0745	-0.0212	-0.0351	1.4256	2.3599						
124	3	10	0.900	-2.09	-0.00	1.6599	3.1368	-0.0245	-0.0073	-0.0113	1.4953	2.3198						
		11	0.0066	0.0021	0.0035	4.0563	-2.3552	-0.0252	-0.0088	-0.0116	1.7437	2.3029						
		12	-0.0020	-0.0007	0.0001	1.6623	3.5376	-0.0061	-0.0022	-0.0027	1.8377	1.9001						
124	4	10	0.902	-1.05	-0.00	4.2167	-5.7480	-0.0070	-0.0036	-0.0027	1.5869	1.9328						
		11	0.0068	0.0022	0.0042	1.6577	3.0260	0.0144	0.0037	0.0068	1.2827	2.3803						
		12	-0.0009	-0.0007	0.0004	4.0238	-3.0999	0.0129	0.0021	0.0068	1.8323	2.6356						
124	5	10	0.900	-0.53	-0.00	1.6170	2.7962	0.0318	0.0081	0.0153	1.2799	2.4053						
		11	0.0061	0.0020	0.0043	2.9752	-1.4875	0.0325	0.0070	0.0159	1.0849	2.4489						
		12	-0.0008	-0.0006	0.0009	1.6579	3.8172	0.0568	0.0145	0.0275	1.2780	2.4269						
124	6	10	0.900	-0.02	-0.00	-6.6668	16.7838	0.0561	0.0134	0.0274	1.1931	2.4419						
		11	0.0068	0.0022	0.0041	1.6229	2.7165	0.1050	0.0259	0.0507	1.2339	2.4155						
		12	-0.0009	-0.0007	0.0006	-3.2886	9.3142	0.1040	0.0251	0.0505	1.2103	2.4194						
124	7	10	0.902	1.00	-0.00	1.3934	3.8974	0.1569	0.0337	0.0766	1.0739	2.4403						
		11	0.0076	0.0025	0.0043	-0.1406	3.6385	0.1519	0.0334	0.0743	1.1010	2.4463						
		12	0.0003	-0.0004	0.0010	1.6229	2.7165	0.1050	0.0251	0.0505	1.2339	2.4155						
124	8	10	0.900	2.04	-0.00	1.6229	2.7165	0.1050	0.0251	0.0505	1.2339	2.4155						
		11	0.0082	0.0026	0.0044	1.6229	2.7165	0.1050	0.0251	0.0505	1.2339	2.4155						
		12	0.0006	-0.0004	0.0012	-3.2886	9.3142	0.1040	0.0251	0.0505	1.2103	2.4194						
124	9	10	0.902	3.06	-0.00	1.3934	3.8974	0.1569	0.0337	0.0766	1.0739	2.4403						
		11	0.0076	0.0021	0.0044	-0.1406	3.6385	0.1519	0.0334	0.0743	1.1010	2.4463						
		12	0.0023	-0.0000	0.0016	1.6229	2.7165	0.1050	0.0251	0.0505	1.2339	2.4155						

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																				
124	11	10	0.901	4.09	-0.00	1.4282	2.8146	0.2268	0.0393	0.1101	0.8677	2.4278	0.0098	0.0028	0.0055	0.0007	-3.3033	4.5925	0.2282	0.0400	0.1115	0.8770	2.4427
		11	0.0008	0.0005	0.0007																		
		12																					
124	12	10	0.899	-0.02	-0.00	1.4216	2.5038	0.0150	0.0035	0.0070	1.1949	2.3570	0.0098	0.0028	0.0049	0.0007	41.9957	47.7058	0.0154	0.0021	0.0077	0.6871	2.5253
		11	0.0000	0.0006	0.0007																		
		12																					
125	1	10	0.899	-4.03	-0.00	-0.1217	2.0165	-0.0534	0.0156	-0.0289	1.4678	3.7076	0.0090	0.0002	-0.0036	-0.0200	-0.6460	2.2312	-0.0285	0.0093	-0.0177	1.6447	3.1022
		11	-0.0448	0.0058	-0.0200																		
		12																					
125	2	10	0.898	-3.04	-0.00	-0.2203	2.2462	-0.0325	-0.0115	-0.0185	1.7655	2.8439	0.0077	0.0003	-0.0034	-0.0176	-0.5722	2.2108	-0.0083	-0.0068	-0.0081	4.0978	4.8823
		11	-0.0077	0.0003	-0.0034																		
		12	-0.0399	-0.0045	-0.0176																		
125	3	10	0.899	-2.08	-0.00	-1.8976	1.9211	-0.0079	-0.0055	-0.0063	3.5037	3.9782	0.0023	0.0008	-0.0008	-0.0093	0.4539	2.2138	0.0015	-0.0047	-0.0019	14.9818	-6.1873
		11	-0.0023	0.0008	-0.0008																		
		12	-0.0211	-0.0019	-0.0093																		
125	4	10	0.897	-1.03	-0.00	-3.4481	1.7231	0.0018	-0.0018	0.0000	-4.9958	0.0051	0.0008	-0.0004	-0.0032	-3.4481	0.3770	1.9992	0.0036	-0.0023	0.0010	-3.2706	1.4247
		11	-0.0012	0.0008	-0.0004																		
		12	-0.0082	-0.0006	-0.0032																		
125	5	10	0.902	-0.54	-0.00	-4.6738	2.3532	0.0028	-0.0012	0.0010	-2.1677	1.8526	0.0009	0.0009	-0.0004	-0.0003	-4.6738	0.5511	0.0028	-0.0012	0.0010	-2.1677	1.8526
		11	-0.0009	0.0009	-0.0004																		
		12	-0.0051	-0.0005	-0.0018																		
125	6	10	0.900	-0.01	-0.00	-4.9641	2.7140	0.0065	0.0012	0.0031	0.9244	2.3993	0.0045	0.0008	-0.0024	-3.0642	0.9641	2.4778	-0.0040	-0.0003	0.0010	0.3964	1.3086
		11	-0.0045	0.0008	-0.0024																		
		12	-0.0006	-0.0003	-0.0003																		
125	7	10	0.899	-0.54	-0.00	-3.5184	2.6064	0.0025	-0.0005	0.0006	-1.0981	3.2059	0.0014	0.0010	-0.0013	-3.5184	0.6026	1.4230	0.0010	-0.0014	0.0007	-6.9208	1.2059
		11	-0.0014	0.0010	-0.0007																		
		12	-0.0048	-0.0005	-0.0013																		
125	8	10	0.898	0.99	-0.00	0.1784	2.5605	0.0131	0.0042	0.0070	1.6327	2.6806	0.0090	0.0003	-0.0046	0.0009	1.6360	2.0238	0.0002	0.0022	0.0020	50.1894	46.5350
		11	-0.0090	-0.0003	-0.0046																		
		12	-0.0022	-0.0007	-0.0009																		
125	9	10	0.897	2.00	-0.00	0.4025	2.2447	0.0311	0.0089	0.0167	1.4330	2.6810	0.0388	0.0031	-0.0174	0.0032	0.4025	2.0114	-0.0033	0.0031	0.0017	-4.7177	-2.6467
		11	-0.0388	-0.0031	-0.0174																		
		12	-0.0081	-0.0016	-0.0032																		

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key →																			
125	10	0.901	5.03	-0.00	0.5706	2.2993	0.0540	0.0135	0.0283	1.2581	2.6267	0.0156	-0.0024	-0.0064	0.7876	2.0578	0.0107	0.0048	0.0093	2.2767	4.3363
	11	-0.0518	-0.0059	-0.0238	0.5706	2.2993	0.0540	0.0135	0.0283	1.2581	2.6267	-0.0156	-0.0024	-0.0064	0.7876	2.0578	0.0107	0.0048	0.0093	2.2767	4.3363
	12	-0.0156	-0.0024	-0.0064	0.5706	2.2993	0.0540	0.0135	0.0283	1.2581	2.6267	-0.0156	-0.0024	-0.0064	0.7876	2.0578	0.0107	0.0048	0.0093	2.2767	4.3363
125	11	0.900	4.07	0.00	0.5957	2.4633	0.0919	0.0198	0.0474	1.0780	2.5794	-0.0624	-0.0074	-0.0307	0.8073	2.1075	0.0481	0.0102	0.0269	1.0638	2.8048
	11	-0.0624	-0.0074	-0.0307	0.5957	2.4633	0.0919	0.0198	0.0474	1.0780	2.5794	-0.0624	-0.0074	-0.0307	0.8073	2.1075	0.0481	0.0102	0.0269	1.0638	2.8048
	12	-0.0167	-0.0026	-0.0070	0.5957	2.4633	0.0919	0.0198	0.0474	1.0780	2.5794	-0.0167	-0.0026	-0.0070	0.8073	2.1075	0.0481	0.0102	0.0269	1.0638	2.8048
125	12	0.900	-0.03	-0.00	-0.5029	2.5515	0.0065	0.0010	0.0030	0.8049	2.3510	-0.0059	0.0005	-0.0030	-0.5029	2.5515	0.0065	0.0010	0.0030	0.8049	2.3510
	11	-0.0059	0.0005	-0.0030	-0.5029	2.5515	0.0065	0.0010	0.0030	0.8049	2.3510	-0.0059	0.0005	-0.0030	-0.5029	2.5515	0.0065	0.0010	0.0030	0.8049	2.3510
	12	0.0000	-0.0001	0.0007	-0.5029	2.5515	0.0065	0.0010	0.0030	0.8049	2.3510	0.0000	-0.0001	0.0007	-0.5029	2.5515	0.0065	0.0010	0.0030	0.8049	2.3510
126	3	0.404	-4.00	-0.00	-1.1532	7.7573	-0.1868	-0.0338	-0.0865	0.9055	2.3159	0.0018	-0.0004	0.0028	-1.5334	1.3439	-0.1715	-0.0324	-0.0831	0.9464	2.4237
	11	-0.0018	-0.0004	0.0028	-1.1532	7.7573	-0.1868	-0.0338	-0.0865	0.9055	2.3159	0.0018	-0.0004	0.0028	-1.5334	1.3439	-0.1715	-0.0324	-0.0831	0.9464	2.4237
	12	-0.0105	-0.0032	-0.0028	-1.1532	7.7573	-0.1868	-0.0338	-0.0865	0.9055	2.3159	-0.0105	-0.0032	-0.0028	-1.5334	1.3439	-0.1715	-0.0324	-0.0831	0.9464	2.4237
126	4	0.400	-3.01	-0.00	0.0854	4.8850	-0.1301	-0.0241	-0.0594	0.9260	2.2823	0.4053	0.0000	0.0052	0.9871	2.1079	-0.1118	-0.0218	-0.0546	0.9766	2.4419
	11	-0.4053	0.0000	0.0052	0.0854	4.8850	-0.1301	-0.0241	-0.0594	0.9260	2.2823	0.4053	0.0000	0.0052	0.9871	2.1079	-0.1118	-0.0218	-0.0546	0.9766	2.4419
	12	-0.0136	-0.0026	-0.0057	0.0854	4.8850	-0.1301	-0.0241	-0.0594	0.9260	2.2823	-0.0136	-0.0026	-0.0057	0.9871	2.1079	-0.1118	-0.0218	-0.0546	0.9766	2.4419
126	5	0.401	-2.08	-0.00	2.3376	-52.2002	-0.0875	-0.0158	-0.0404	0.9051	2.3123	0.4002	-0.0009	-0.0023	2.1377	5.8713	-0.0776	-0.0162	-0.0374	1.0468	2.4114
	11	-0.4002	0.0009	0.0023	2.3376	-52.2002	-0.0875	-0.0158	-0.0404	0.9051	2.3123	0.4002	-0.0009	-0.0023	2.1377	5.8713	-0.0776	-0.0162	-0.0374	1.0468	2.4114
	12	-0.0014	-0.0009	-0.0017	2.3376	-52.2002	-0.0875	-0.0158	-0.0404	0.9051	2.3123	-0.0014	-0.0009	-0.0017	2.1377	5.8713	-0.0776	-0.0162	-0.0374	1.0468	2.4114
126	6	0.400	-1.03	-0.00	2.9574	-5.0207	-0.0246	-0.0045	-0.0106	0.9264	3.1533	0.4023	-0.0013	-0.0063	1.3169	2.2790	-0.0136	-0.0035	-0.0085	1.3005	3.1533
	11	-0.4023	0.0013	0.0063	2.9574	-5.0207	-0.0246	-0.0045	-0.0106	0.9264	3.1533	0.4023	-0.0013	-0.0063	1.3169	2.2790	-0.0136	-0.0035	-0.0085	1.3005	3.1533
	12	-0.0139	-0.0036	-0.0063	2.9574	-5.0207	-0.0246	-0.0045	-0.0106	0.9264	3.1533	-0.0139	-0.0036	-0.0063	1.3169	2.2790	-0.0136	-0.0035	-0.0085	1.3005	3.1533
126	7	0.401	-0.56	-0.00	0.5877	3.8798	-0.0087	-0.0013	-0.0029	0.7631	1.6683	0.4074	-0.0005	-0.0057	1.4118	1.7515	-0.0034	-0.0010	-0.0017	0.7534	1.6683
	11	-0.4074	0.0005	0.0057	0.5877	3.8798	-0.0087	-0.0013	-0.0029	0.7631	1.6683	0.4074	-0.0005	-0.0057	1.4118	1.7515	-0.0034	-0.0010	-0.0017	0.7534	1.6683
	12	-0.0098	-0.0027	-0.0034	0.5877	3.8798	-0.0087	-0.0013	-0.0029	0.7631	1.6683	-0.0098	-0.0027	-0.0034	1.4118	1.7515	-0.0034	-0.0010	-0.0017	0.7534	1.6683
126	8	0.402	-0.04	-0.00	0.0700	4.3520	0.0173	0.0026	0.0069	0.7612	2.0057	0.4039	-0.0000	-0.0034	1.6329	4.7497	0.0261	0.0032	0.0124	0.6245	2.0057
	11	-0.4039	0.0000	0.0034	0.0700	4.3520	0.0173	0.0026	0.0069	0.7612	2.0057	0.4039	-0.0000	-0.0034	1.6329	4.7497	0.0261	0.0032	0.0124	0.6245	2.0057
	12	-0.0053	-0.0017	-0.0051	0.0700	4.3520	0.0173	0.0026	0.0069	0.7612	2.0057	-0.0053	-0.0017	-0.0051	1.6329	4.7497	0.0261	0.0032	0.0124	0.6245	2.0057
126	9	0.402	0.45	-0.00	-0.6446	6.3416	0.0337	0.0062	0.0226	0.9318	2.3293	0.4031	-0.0004	-0.0045	-0.6446	6.3416	0.0337	0.0062	0.0226	0.7243	2.3293
	11	-0.4031	-0.0004	-0.0045	-0.6446	6.3416	0.0337	0.0062	0.0226	0.9318	2.3293	0.4031	-0.0004	-0.0045	-0.6446	6.3416	0.0337	0.0062	0.0226	0.7243	2.3293
	12	-0.0030	-0.0003	-0.0045	-0.6446	6.3416	0.0337	0.0062	0.0226	0.9318	2.3293	-0.0030	-0.0003	-0.0045	-0.6446	6.3416	0.0337	0.0062	0.0226	0.7243	2.3293
126	10	0.401	0.98	-0.00	2.9017	-9.6351	0.0648	0.0116	0.0315	0.9006	2.4339	0.4015	-0.0008	-0.0022	3.1858	-8.0897	0.0610	0.0093	0.0295	0.7619	2.4339
	11	-0.4015	-0.0008	-0.0022	2.9017	-9.6351	0.0648	0.0116	0.0315	0.9006	2.4339	0.4015	-0.0008	-0.0022	3.1858	-8.0897	0.0610	0.0093	0.0295	0.7619	2.4339
	12	-0.0014	-0.0009	-0.0022	2.9017	-9.6351	0.0648	0.0116	0.0315	0.9006	2.4339	-0.0014	-0.0009	-0.0022	3.1858	-8.0897	0.0610	0.0093	0.0295	0.7619	2.4339

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key														
126	11	0.402	2.00	-0.00	0.0905	5.0620	0.1162	0.0209	0.0545	0.9033	2.3485					
	11	0.0039	0.0000	0.0040	0.5510	7.4727	0.1284	0.0212	0.0621	0.8269	2.4184					
	12	-0.0030	-0.0003	-0.0045												
126	12	0.402	3.02	-0.00	-3.9019	20.9451	0.1800	0.0321	0.0866	0.8930	2.4061					
	11	0.0005	-0.0004	0.0023	1.4871	3.8171	0.1850	0.0311	0.0899	0.8403	2.4290					
	12	-0.0074	-0.0022	-0.0057												
126	13	0.401	4.03	-0.00	2.9098	-8.9621	0.2221	0.0390	0.1034	0.8783	2.3285					
	11	-0.0022	-0.0013	0.0040	-5.4871	6.1791	0.2203	0.0362	0.1085	0.8229	2.4632					
	12	0.0004	-0.0005	0.0005												
126	14	0.401	-0.04	-0.00	-0.3952	6.9948	0.0127	0.0022	0.0070	0.8745	2.7462					
	11	0.0045	-0.0003	0.0063	-2.4814	-21.4536	0.0180	0.0014	0.0102	0.4087	2.8279					
	12	0.0007	-0.0003	-0.0034												
127	6	0.005	0.00	0.00	1.6795	1.9616	-11.6339	-3.8075	-2.3717	1.6364	1.0193					
	11	-11.8173	-3.9694	-4.6362	0.0299	-2.0927	-13.7452	-1.8402	0.0264	0.6693	-0.0096					
	12	-11.0804	-0.0664	4.6376												
127	7	0.999	-0.00	-0.00	1.0751	3.0757	0.0144	0.0029	0.0075	1.0124	2.6116					
	11	0.0129	0.0027	0.0079	-0.2055	0.9970	0.0290	-0.0005	0.0127	-0.0956	2.1909					
	12	0.0041	-0.0001	0.0008												
127	8	1.001	-0.01	-0.00	1.5148	2.8009	0.0181	0.0041	0.0078	1.1317	2.1635					
	11	0.0128	0.0038	0.0072	-3.5859	4.7978	0.0225	0.0024	0.0108	0.5454	2.4076					
	12	0.0008	-0.0006	0.0008												
127	9	0.999	-0.03	-0.00	1.7863	2.9727	0.0119	0.0031	0.0060	1.3250	2.5408					
	11	0.0089	0.0032	0.0053	-30.4806	66.7364	0.0117	0.0018	0.0065	0.8055	2.8040					
	12	0.0000	-0.0004	0.0010												
127	10	0.997	-0.04	-0.00	2.1599	3.7754	0.0096	0.0028	0.0047	1.4891	2.4421					
	11	0.0052	0.0022	0.0039	8.6102	-31.7535	0.0067	0.0010	0.0040	0.8110	3.0007					
	12	-0.0001	-0.0002	0.0009												
127	11	1.002	-0.02	-0.00	8.4192	6.5367	0.0067	0.0020	0.0035	1.5390	2.6388					
	11	0.0010	0.0017	0.0013	2.3718	1.4352	0.0027	0.0005	0.0022	1.0655	4.0515					
	12	-0.0014	-0.0006	-0.0004												
127	12	1.000	-0.04	-0.00	-5.0012	-3.2222	0.0058	0.0017	0.0032	1.4796	2.7896					
	11	-0.0012	0.0012	0.0008	-2.1381	1.9587	0.0005	0.0001	0.0015	1.5705	14.0880					
	12	-0.0010	-0.0004	-0.0004												

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																					
127	13	10	0.998	-0.003	-0.000	-0.5750	1.4897	0.0064	0.0012	0.0029	0.9939	2.2530	11	-0.0049	0.0005	-0.0014	2.9829	-1.1627	-0.0030	-0.0005	-0.0003	0.8737	0.6482
127	14	10	0.992	-0.002	-0.000	0.3685	1.8646	0.0061	0.0010	0.0026	0.8737	2.1609	11	-0.0131	-0.0006	-0.0049	2.9966	-0.5853	-0.0104	-0.0017	-0.0035	0.8519	1.6823
127	15	10	1.056	-0.004	-0.000	1.0285	2.8899	0.0074	0.0016	0.0039	1.2526	2.6501	11	0.0176	0.0036	0.0102	0.5914	1.8204	0.0211	-0.0011	0.0085	-0.2678	2.0258
127	16	10	1.072	-0.005	-0.000	1.1512	2.7733	0.0083	0.0019	0.0039	1.1533	2.3988	11	0.0230	0.0053	0.0128	1.2743	1.6540	0.0268	-0.0012	0.0110	-0.2328	2.0536
127	17	10	0.998	-0.003	-0.000	0.6417	1.9825	-0.0006	-0.0002	-0.0004	1.6603	3.1124	11	-0.0156	-0.0020	-0.0061	1.2918	1.7910	-0.0151	-0.0030	-0.0062	0.9954	2.0749
127	18	10	0.997	-0.002	-0.000	0.6696	2.0644	0.0007	-0.0001	-0.0002	-0.8406	-1.8460	11	-0.0152	-0.0020	-0.0062	0.8891	2.5211	-0.0147	-0.0030	-0.0065	1.0390	2.2106
127	19	10	0.952	-0.003	-0.000	0.7123	2.0576	-0.0007	-0.0004	-0.0007	3.1239	4.7784	11	-0.0148	-0.0021	-0.0061	0.8123	2.4067	-0.0157	-0.0034	-0.0064	1.0902	2.0614
128	6	10	1.103	-0.004	-0.000	0.2703	1.9283	-0.0043	-0.0099	-0.0248	1.1176	2.7947	11	-0.0223	-0.0012	-0.0086	0.2703	2.8361	-0.0580	-0.0076	-0.0296	0.6587	2.5548
128	7	10	1.100	-0.004	-0.000	0.2418	1.9016	-0.0080	-0.0122	-0.0271	1.2766	2.8237	11	-0.0235	-0.0011	-0.0089	0.2310	2.7358	-0.0593	-0.0090	-0.0307	0.7614	2.5860
128	8	10	1.101	-0.003	-0.000	0.3081	1.9614	-0.0193	-0.0059	-0.0123	1.5493	3.1951	11	-0.0237	-0.0014	-0.0093	0.0148	2.5039	-0.0214	-0.0046	-0.0128	1.0788	2.9918
128	9	10	1.100	-0.002	-0.000	0.1459	1.9783	-0.0084	-0.0024	-0.0060	1.4696	3.5531	11	-0.0123	-0.0003	-0.0049	0.1621	2.2859	-0.0014	-0.0017	-0.0031	6.0847	10.8086

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key →																	
128	10	1.096	-1.05	-0.001	-0.0032	0.0779	1.9117	0.0055	-0.0000	0.0013	-0.0001	0.4128	2.2507	0.0124	0.0003	0.0040	0.0013	-0.0001	1.2497
	11	-0.0086	-0.0015	-0.0083	-0.0008	0.0779	2.2507	0.0124	0.0003	0.0040	0.0013	0.4128	2.2507	0.0124	0.0003	0.0040	0.0013	-0.0001	1.6132
	12	-0.0185	-0.0015	-0.0083	-0.0008	0.0779	2.2507	0.0124	0.0003	0.0040	0.0013	0.4128	2.2507	0.0124	0.0003	0.0040	0.0013	-0.0001	1.6132
128	11	1.099	-0.56	-0.004	-0.0028	0.3386	2.1279	0.0068	-0.0000	0.0025	0.4709	2.4127	0.0096	-0.0000	0.0034	-0.0000	0.0025	0.4709	1.8808
	11	-0.0067	-0.0013	-0.0055	-0.0000	0.3386	2.4127	0.0096	-0.0000	0.0034	0.4709	2.4127	0.0096	-0.0000	0.0034	-0.0000	0.0025	0.4709	1.8808
	12	-0.0114	-0.0013	-0.0055	-0.0000	0.3386	2.4127	0.0096	-0.0000	0.0034	0.4709	2.4127	0.0096	-0.0000	0.0034	-0.0000	0.0025	0.4709	1.8808
128	12	1.101	-0.02	-0.007	-0.0039	0.4550	2.2926	0.0070	-0.0008	0.0033	0.5947	2.2926	0.0041	-0.0015	-0.0017	0.0033	0.0033	0.5947	2.3381
	11	-0.0087	-0.0006	-0.0003	-0.0003	0.4550	12.0681	-0.0041	-0.0015	-0.0017	0.5947	12.0681	-0.0041	-0.0015	-0.0017	0.0033	0.0033	0.5947	2.0623
	12	-0.0001	-0.0006	-0.0003	-0.0003	0.4550	12.0681	-0.0041	-0.0015	-0.0017	0.5947	12.0681	-0.0041	-0.0015	-0.0017	0.0033	0.0033	0.5947	2.0623
128	13	1.102	0.45	-0.007	-0.0036	0.5447	2.4880	0.0039	-0.0008	0.0024	1.1153	2.4880	0.0051	-0.0015	-0.0015	0.0024	0.0024	1.1153	3.0223
	11	-0.0072	-0.0011	-0.0019	-0.0019	0.5447	2.4880	0.0039	-0.0008	0.0024	1.1153	2.4880	0.0051	-0.0015	-0.0015	0.0024	0.0024	1.1153	1.5338
	12	-0.0036	-0.0011	-0.0019	-0.0019	0.5447	2.4880	0.0039	-0.0008	0.0024	1.1153	2.4880	0.0051	-0.0015	-0.0015	0.0024	0.0024	1.1153	1.5338
128	14	1.100	0.99	-0.011	-0.0064	0.3789	2.1646	0.0057	-0.0014	0.0042	1.2905	2.1646	0.0052	-0.0007	-0.0009	0.0042	0.0042	1.2905	3.7309
	11	-0.0148	-0.0019	-0.0040	-0.0040	0.3789	2.1646	0.0052	-0.0014	0.0042	1.2905	2.1646	0.0052	-0.0007	-0.0009	0.0042	0.0042	1.2905	0.9283
	12	-0.0096	-0.0019	-0.0040	-0.0040	0.3789	2.1646	0.0052	-0.0014	0.0042	1.2905	2.1646	0.0052	-0.0007	-0.0009	0.0042	0.0042	1.2905	0.9283
128	15	1.096	2.04	-0.003	-0.0113	0.0731	2.3117	0.0238	0.0048	0.0134	1.0181	2.3117	0.0088	0.0023	0.0064	0.0134	0.0134	1.0181	3.8133
	11	-0.0244	-0.0035	-0.0084	-0.0084	0.0731	2.3117	0.0238	0.0048	0.0134	1.0181	2.3117	0.0088	0.0023	0.0064	0.0134	0.0134	1.0181	3.8133
	12	-0.0198	-0.0035	-0.0084	-0.0084	0.0731	2.3117	0.0238	0.0048	0.0134	1.0181	2.3117	0.0088	0.0023	0.0064	0.0134	0.0134	1.0181	3.8133
128	16	1.100	3.07	-0.004	-0.0103	0.0985	2.7821	0.0451	0.0092	0.0246	1.0274	2.7821	0.0378	0.0064	0.0203	0.0246	0.0246	1.0274	2.7325
	11	-0.0195	-0.0043	-0.0103	-0.0103	0.0985	2.7821	0.0451	0.0092	0.0246	1.0274	2.7821	0.0378	0.0064	0.0203	0.0246	0.0246	1.0274	2.7325
	12	-0.0247	-0.0043	-0.0103	-0.0103	0.0985	2.7821	0.0451	0.0092	0.0246	1.0274	2.7821	0.0378	0.0064	0.0203	0.0246	0.0246	1.0274	2.7325
128	17	1.097	4.09	-0.008	-0.0119	0.2319	3.2242	0.0824	0.0162	0.0432	0.9874	3.2242	0.0842	0.0123	0.0419	0.0432	0.0432	0.9874	2.6228
	11	-0.0185	-0.0039	-0.0101	-0.0101	0.2319	3.2242	0.0824	0.0162	0.0432	0.9874	3.2242	0.0842	0.0123	0.0419	0.0432	0.0432	0.9874	2.6228
	12	-0.0240	-0.0039	-0.0101	-0.0101	0.2319	3.2242	0.0824	0.0162	0.0432	0.9874	3.2242	0.0842	0.0123	0.0419	0.0432	0.0432	0.9874	2.6228
128	18	1.098	-0.04	-0.001	-0.0036	0.1264	2.7755	0.0089	0.0011	0.0039	0.6301	2.7755	0.0022	-0.0013	-0.0006	0.0039	0.0039	0.6301	1.951
	11	-0.0065	-0.0005	-0.0002	-0.0002	0.1264	2.7755	0.0089	0.0011	0.0039	0.6301	2.7755	0.0022	-0.0013	-0.0006	0.0039	0.0039	0.6301	1.951
	12	-0.0002	-0.0005	-0.0002	-0.0002	0.1264	2.7755	0.0089	0.0011	0.0039	0.6301	2.7755	0.0022	-0.0013	-0.0006	0.0039	0.0039	0.6301	1.951
129	3	0.396	-4.01	0.010	0.0052	0.4129	2.1323	-0.0900	-0.0116	-0.0431	0.6468	2.1323	-0.0653	-0.0073	-0.0354	-0.0431	-0.0431	0.6468	2.3980
	11	-0.0123	0.0021	-0.0070	-0.0070	0.4129	1.4778	-0.0653	-0.0073	-0.0354	0.6468	1.4778	-0.0653	-0.0073	-0.0354	-0.0431	-0.0431	0.6468	2.7083
	12	-0.0238	-0.0021	-0.0070	-0.0070	0.4129	1.4778	-0.0653	-0.0073	-0.0354	0.6468	1.4778	-0.0653	-0.0073	-0.0354	-0.0431	-0.0431	0.6468	2.7083
129	4	0.396	-3.02	0.004	0.0028	0.3355	1.9469	-0.0525	-0.0071	-0.0266	0.6759	1.9469	-0.0295	-0.0035	-0.0189	-0.0266	-0.0266	0.6759	3.5349
	11	-0.0074	0.0004	-0.0028	-0.0028	0.3355	1.7283	-0.0295	-0.0035	-0.0189	0.6759	1.7283	-0.0295	-0.0035	-0.0189	-0.0266	-0.0266	0.6759	3.5349
	12	-0.0267	-0.0025	-0.0092	-0.0092	0.3355	1.7283	-0.0295	-0.0035	-0.0189	0.6759	1.7283	-0.0295	-0.0035	-0.0189	-0.0266	-0.0266	0.6759	3.5349

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																		
129	5	10	0.398	-2.06	0.00	0.4760	2.6559	-0.0259	-0.0020	-0.0155	0.3999	2.9910								
		11	0.0109	0.0010	0.0058	0.7295	1.5326	-0.0148	-0.0026	-0.0080	0.8746	2.7152								
		12	-0.0247	-0.0036	-0.0075															
129	6	10	0.397	-1.02	-0.00	0.1007	5.4149	-0.0009	0.0010	-0.0011	-5.2551	6.1419								
		11	0.0026	0.0000	0.0029	1.4976	0.7284	-0.0023	-0.0014	-0.0005	3.0277	1.1964								
		12	-0.0079	-0.0023	-0.0011															
129	7	10	0.395	-0.55	-0.00	5.2308	1.8320	0.0010	0.0014	0.0024	7.4148	11.9537								
		11	0.0000	0.0000	0.0011	1.8067	1.7730	-0.0008	-0.0005	0.0005	2.9598	3.3817								
		12	-0.0066	-0.0024	-0.0023															
129	8	10	0.397	-0.01	-0.00	0.7170	1.6638	0.0131	0.0032	0.0076	1.2322	2.9133								
		11	0.0104	-0.0014	-0.0034	1.9397	1.5776	-0.0042	-0.0009	0.0000	1.1156	-0.0093								
		12	-0.0073	-0.0028	-0.0023															
129	9	10	0.396	0.45	0.00	0.0359	2.1667	0.0098	0.0028	0.0058	2.4300	3.0056								
		11	0.0053	-0.0000	-0.0033	1.6360	2.0238	-0.0018	-0.0010	0.0028	2.8943	-7.8802								
		12	-0.0085	-0.0028	-0.0034															
129	10	10	0.398	0.98	-0.00	-0.2435	2.7077	0.0297	0.0059	0.0154	1.0088	2.6030								
		11	0.0086	0.0004	-0.0046	1.5303	2.4609	0.0106	0.0000	0.0104	1.0043	4.8799								
		12	-0.0106	-0.0032	-0.0052															
129	11	10	0.394	1.95	-0.00	-0.3487	3.4383	0.0608	0.0106	0.0290	0.8782	3.3895								
		11	0.0121	0.0008	-0.0083	1.4108	1.9522	0.0271	0.0017	0.0176	0.3220	3.2527								
		12	-0.0152	-0.0042	-0.0059															
129	12	10	0.395	3.00	-0.00	-0.8132	5.6342	0.0815	0.0131	0.0418	0.8066	3.5638								
		11	0.0052	0.0008	-0.0058	2.3825	2.4282	0.0494	0.0041	0.0302	0.4179	3.0569								
		12	-0.0060	-0.0028	-0.0029															
129	13	10	0.397	4.02	-0.00	0.6541	3.4722	0.1219	0.0197	0.0589	0.8091	2.4173								
		11	0.0083	-0.0010	-0.0058	1.6348	3.0862	0.0984	0.0118	0.0521	0.6002	2.6495								
		12	-0.0084	-0.0027	-0.0052															
130	1	10	0.797	-4.04	-0.00	-1.4924	0.6224	-0.0560	-0.0119	-0.0304	1.0657	2.7153								
		11	0.0041	0.0012	-0.0005	0.5914	2.3892	-0.0353	-0.0070	-0.0200	0.9998	2.8267								
		12	-0.0044	-0.0052	-0.0012															
130	2	10	0.800	-3.02	-0.00	-1.3763	0.2327	-0.0310	-0.0076	-0.0173	1.2246	2.7877								
		11	0.0033	0.0009	-0.0001	0.6127	2.2636	-0.0020	-0.0035	-0.0037	1.5243	8.9678								
		12	-0.0042	-0.0052	-0.0194															

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →															
130	3	10	0.801	-2.07	-0.00	-0.0159	-14.6382	-12.8468	-0.0156	-0.0041	-0.0074	1.5308	2.7131					
		11	-0.0004	0.0012	0.0010	0.00159	0.5425	2.2427	0.0113	-0.0017	0.0027	-0.7541	1.2312					
		12	-0.0354	-0.0038	-0.0159	-0.0159	0.5425	2.2427	0.0113	-0.0017	0.0027	-0.7541	1.2312					
130	4	10	0.797	-1.04	-0.00	-0.0049	2.1915	3.7667	0.0001	-0.0009	0.0001	-0.4088	7.9554					
		11	0.0028	0.0012	0.0021	0.0049	0.5454	2.0881	0.0064	-0.0012	0.0026	-0.9251	2.0181					
		12	-0.0118	-0.0012	-0.0049	-0.0049	0.5454	2.0881	0.0064	-0.0012	0.0026	-0.9251	2.0181					
130	5	10	0.800	-0.55	-0.00	-0.0026	-2.5247	1.9828	0.0064	0.0004	0.0027	0.3831	2.0674					
		11	-0.0017	0.0008	-0.0007	0.0026	0.6224	3.2869	-0.0011	-0.0016	0.0000	7.4080	-0.0051					
		12	-0.0040	-0.0005	-0.0026	-0.0026	0.6224	3.2869	-0.0011	-0.0016	0.0000	7.4080	-0.0051					
130	6	10	0.802	-0.04	-0.00	-0.0028	-0.4210	2.0911	0.0087	0.0016	0.0043	0.9517	2.4653					
		11	-0.0067	0.0005	-0.0028	0.0028	-0.4210	2.0911	0.0087	0.0016	0.0043	0.9517	2.4653					
		12	0.0002	-0.0005	-0.0028	-0.0028	-0.4210	2.0911	0.0087	0.0016	0.0043	0.9517	2.4653					
130	7	10	0.801	0.46	-0.00	-0.0033	-9.0703	2.1227	0.0108	0.0029	0.0057	1.3729	2.6395					
		11	-0.0078	0.0001	-0.0033	0.0033	3.1104	4.6081	-0.0052	0.0002	-0.0008	-0.2190	0.8177					
		12	-0.0011	-0.0007	-0.0033	-0.0033	3.1104	4.6081	-0.0052	0.0002	-0.0008	-0.2190	0.8177					
130	8	10	0.799	0.98	-0.00	-0.0031	0.2817	2.1566	0.0157	0.0045	0.0083	1.4400	2.6608					
		11	-0.0202	-0.0011	-0.0031	0.0031	1.0162	2.6328	-0.0067	0.0005	-0.0006	-0.3997	0.5041					
		12	-0.0059	-0.0012	-0.0031	-0.0031	1.0162	2.6328	-0.0067	0.0005	-0.0006	-0.3997	0.5041					
130	9	10	0.797	1.98	-0.00	-0.0061	0.3649	2.1834	0.0303	0.0070	0.0169	1.1619	2.7870					
		11	-0.0384	-0.0023	-0.0061	0.0061	0.8546	2.2265	-0.0033	0.0015	0.0017	-1.2936	-2.6945					
		12	-0.0137	-0.0023	-0.0061	-0.0061	0.8546	2.2265	-0.0033	0.0015	0.0017	-1.2936	-2.6945					
130	10	10	0.795	3.02	-0.00	-0.0070	0.4820	2.3149	0.0571	0.0119	0.0304	1.0467	3.6617					
		11	-0.0438	-0.0026	-0.0070	0.0070	0.7838	2.1063	0.0191	0.0043	0.0131	1.0982	3.3400					
		12	-0.0166	-0.0026	-0.0070	-0.0070	0.7838	2.1063	0.0191	0.0043	0.0131	1.0982	3.3400					
130	11	10	0.798	4.02	-0.00	-0.0063	0.5626	2.4325	0.0875	0.0175	0.0457	1.0001	3.7135					
		11	-0.0426	-0.0048	-0.0063	0.0063	0.8652	2.2529	0.0567	0.0094	0.0307	1.8332	3.6135					
		12	-0.0141	-0.0024	-0.0063	-0.0063	0.8652	2.2529	0.0567	0.0094	0.0307	1.8332	3.6135					
131	1	10	0.799	-4.06	-0.00	-0.0046	1.6173	2.4372	-0.1432	-0.0323	-0.0693	1.1286	2.4224					
		11	0.0096	0.0031	0.0046	0.0046	1.2682	2.0714	-0.1396	-0.0326	-0.0680	1.1286	2.4224					
		12	-0.0056	-0.0014	-0.0046	-0.0046	1.2682	2.0714	-0.1396	-0.0326	-0.0680	1.1286	2.4224					
131	2	10	0.799	-3.07	-0.00	-0.0012	1.5366	2.3755	-0.0991	-0.0244	-0.0477	1.2313	2.4071					
		11	0.0091	0.0028	0.0012	0.0012	1.7549	2.1682	-0.0981	-0.0250	-0.0481	1.2313	2.4071					
		12	-0.0029	-0.0010	-0.0012	-0.0012	1.7549	2.1682	-0.0981	-0.0250	-0.0481	1.2313	2.4071					

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
131	3	10	0.795	-2.08	-0.00	1.6890	3.4483	-0.0551	-0.0146	-0.0265	1.3241	2.4074						
		11	0.0073	0.0024	0.0036	0.4163	3.1835	-0.0613	-0.0165	-0.0290	1.3512	2.3715						
		12	0.0014	0.0001	0.0009	0.4163	3.1835	-0.0613	-0.0165	-0.0290	1.3512	2.3715						
131	4	10	0.800	-1.04	-0.00	1.5639	2.4697	-0.0177	-0.0053	-0.0085	1.5166	2.4144						
		11	0.0108	0.0033	0.0053	15.8600	-4.6088	-0.0166	-0.0056	-0.0081	1.7093	2.4364						
		12	-0.0001	-0.0006	0.0001	15.8600	-4.6088	-0.0166	-0.0056	-0.0081	1.7093	2.4364						
131	5	10	0.799	-0.55	-0.00	1.6509	2.2838	-0.0027	-0.0011	-0.0014	2.1583	2.6646						
		11	0.0097	0.0032	0.0044	4.7138	4.5778	-0.0046	-0.0023	-0.0021	2.5113	2.2801						
		12	-0.0007	-0.0007	-0.0007	4.7138	4.5778	-0.0046	-0.0023	-0.0021	2.5113	2.2801						
131	6	10	0.797	-0.05	-0.00	1.6210	2.3104	0.0134	0.0037	0.0065	1.3961	2.4335						
		11	0.0104	0.0033	0.0048	-1.4574	1.6155	0.0116	0.0026	0.0056	1.1258	2.4358						
		12	0.0005	-0.0001	0.0001	-1.4574	1.6155	0.0116	0.0026	0.0056	1.1258	2.4358						
131	7	10	0.799	0.45	-0.00	1.6210	2.3104	0.0286	0.0074	0.0140	1.2944	2.4563						
		11	0.0103	0.0033	0.0047	1.6210	2.3104	0.0286	0.0074	0.0140	1.2944	2.4563						
		12	0.0011	-0.0000	0.0003	1.6210	2.3104	0.0286	0.0074	0.0140	1.2944	2.4563						
131	8	10	0.801	0.98	-0.00	1.6156	2.4404	0.0523	0.0133	0.0255	1.2748	2.4385						
		11	0.0079	0.0028	0.0038	0.5223	2.1821	0.0482	0.0122	0.0236	1.2688	2.4458						
		12	0.0024	0.0002	0.0010	0.5223	2.1821	0.0482	0.0122	0.0236	1.2688	2.4458						
131	9	10	0.796	1.99	-0.00	1.6117	2.1570	0.0875	0.0211	0.0424	1.2050	2.4215						
		11	0.0095	0.0030	0.0041	-0.1009	2.2657	0.0851	0.0207	0.0416	1.2177	2.4436						
		12	0.0011	-0.0000	0.0005	-0.1009	2.2657	0.0851	0.0207	0.0416	1.2177	2.4436						
131	10	10	0.801	3.02	-0.00	1.4296	2.1604	0.1344	0.0294	0.0658	1.0954	2.4491						
		11	0.0106	0.0030	0.0046	-2.6811	1.0289	0.1286	0.0292	0.0633	1.1358	2.4601						
		12	0.0008	-0.0004	0.0001	-2.6811	1.0289	0.1286	0.0292	0.0633	1.1358	2.4601						
131	11	10	0.798	4.03	-0.00	1.4046	2.0884	0.1804	0.0350	0.0889	0.9711	2.4659						
		11	0.0098	0.0027	0.0040	-2.8388	3.1799	0.1723	0.0356	0.0851	1.0328	2.4696						
		12	0.0008	-0.0004	0.0005	-2.8388	3.1799	0.1723	0.0356	0.0851	1.0328	2.4696						
132	3	10	1.245	-4.07	-0.00	2.1160	2.5603	-0.0102	-0.0079	-0.0011	-8.2035	-0.5599						
		11	-0.0616	0.0015	-0.0260	-0.1248	2.5603	-0.0118	-0.0079	-0.0099	-3.3433	-4.2187						
		12	-0.0513	-0.0066	-0.0262	-0.6458	2.5603	-0.0118	-0.0079	-0.0099	-3.3433	-4.2187						
132	4	10	1.254	-3.09	-0.00	2.3003	2.5872	0.0346	-0.0070	0.0113	-1.0166	1.6396						
		11	-0.0187	0.0039	-0.0086	-1.0509	2.5872	0.0318	-0.0027	0.0100	-1.0166	1.6396						
		12	-0.0142	-0.0022	-0.0073	-1.0509	2.5872	0.0318	-0.0027	0.0100	-1.0166	1.6396						

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
132	5	10	1.251	-2.08	-0.000	-0.6020	2.2010	0.0404	-0.0017	0.0153	-0.2186	1.0903						
		11	-0.0258	0.0031	-0.0113	0.5283	2.4252	0.0383	0.0008	0.0143	0.1079	1.8699						
		12	-0.0238	-0.0025	-0.0115													
132	6	10	1.248	-1.06	-0.000	0.0536	2.1292	0.0321	0.0012	0.0130	0.2010	2.0261						
		11	-0.0331	-0.0003	-0.0140	0.6667	2.3453	0.0308	0.0026	0.0123	0.4221	1.9936						
		12	-0.0327	-0.0043	-0.0153													
132	7	10	1.254	-0.56	-0.000	-0.0335	2.4276	0.0142	0.0009	0.0061	0.3172	2.1573						
		11	-0.0208	0.0001	-0.0101	0.5915	2.2110	0.0216	0.0004	0.0087	0.1094	2.0131						
		12	-0.0332	-0.0039	-0.0146													
132	8	10	1.253	-0.04	-0.000	0.5755	2.3253	-0.0003	0.0020	0.0004	-32.3408	-7.2513						
		11	-0.0293	-0.0033	-0.0136	0.4784	1.7687	-0.0279	-0.0059	-0.0120	1.0574	2.1601						
		12	-0.0059	0.0005	-0.0021													
132	9	10	1.250	0.43	-0.000	0.9185	2.4442	-0.0197	0.0005	-0.0076	-0.1276	1.9420						
		11	-0.0255	-0.0046	-0.0124	0.0291	2.1224	-0.0365	-0.0074	-0.0154	1.0155	2.1187						
		12	-0.0160	-0.0000	-0.0068													
132	10	10	1.253	0.98	-0.000	0.7843	2.5134	-0.0281	0.0025	-0.0105	-0.4564	1.8669						
		11	-0.0166	-0.0026	-0.0083	0.5862	2.0102	-0.0443	-0.0054	-0.0178	0.6188	2.0133						
		12	-0.0086	0.0010	-0.0034													
132	11	10	1.251	2.02	-0.000	0.5576	2.9381	-0.0273	0.0062	-0.0081	-1.1499	1.4924						
		11	-0.0093	-0.0010	-0.0055	1.7119	2.3925	-0.0444	-0.0017	-0.0161	0.1969	1.8212						
		12	-0.0044	0.0015	-0.0021													
132	12	10	1.252	3.05	-0.000	0.9904	3.2985	-0.0060	0.0146	0.0033	-12.2098	-2.8243						
		11	-0.0071	-0.0014	-0.0047	1.7489	1.7894	-0.0233	0.0051	-0.0061	-1.0966	1.3221						
		12	-0.0034	0.0012	-0.0012													
132	13	10	1.248	4.08	-0.000	1.0171	2.6895	0.0326	0.0255	0.0220	3.9047	3.3736						
		11	-0.0393	-0.0079	-0.0211	0.1633	2.2974	0.0113	0.0096	0.0106	4.2424	4.6959						
		12	-0.0213	0.0006	-0.0098													
133	1	10	1.252	-4.11	-0.000	0.8092	2.0559	-0.1487	-0.0394	-0.0761	1.3279	2.5601						
		11	0.0126	0.0020	0.0051	4.1181	2.4521	-0.1288	-0.0399	-0.0704	1.5521	2.7355						
		12	-0.0054	0.0045	-0.0026													
133	2	10	1.247	-3.08	-0.000	1.4508	2.0515	-0.1034	-0.0297	-0.0528	1.4389	2.5572						
		11	0.0093	0.0027	0.0038	7.5234	1.9012	-0.0991	-0.0302	-0.0538	1.5255	2.7167						
		12	0.0026	0.0040	0.0010													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
133	3	10	1.254	-2.12	-0.00	1.5606	2.0076	-0.0613	-0.0199	-0.0311	1.6253	2.5382						
		11	0.0090	0.0028	0.0036	2.8558	2.5213	-0.0609	-0.0204	-0.0324	1.6758	2.6654						
		12	0.0035	0.0020	0.0018													
133	4	10	1.250	-1.07	-0.00	4.5552	1.3459	-0.0151	-0.0089	-0.0077	2.9645	2.5542						
		11	0.0050	0.0046	0.0013	2.1754	2.3465	-0.0204	-0.0101	-0.0117	2.4802	2.8626						
		12	0.0052	0.0023	0.0024													
133	5	10	1.248	-0.56	-0.00	5.7535	1.3395	-0.0010	-0.0029	-0.0005	14.9152	3.8597						
		11	0.0042	0.0049	0.0011	1.8796	2.3199	-0.0054	-0.0044	-0.0039	4.0622	3.5612						
		12	0.0073	0.0027	0.0033													
133	6	10	1.248	-0.05	-0.00	9.4102	-0.6427	0.0118	0.0030	0.0062	1.2900	1.6435						
		11	0.0025	0.0047	-0.0003	1.0994	2.3473	0.0034	0.0014	0.0010	2.1289	1.4501						
		12	0.0083	0.0018	0.0039													
133	7	10	1.250	0.45	-0.00	14.4633	-0.9907	0.0297	0.0084	0.0156	1.4146	2.6240						
		11	0.0016	0.0046	-0.0003	0.7960	2.7617	0.0205	0.0083	0.0096	2.0232	2.3492						
		12	0.0089	0.0014	0.0049													
133	8	10	1.249	1.01	-0.00	13.3543	-0.6074	0.0562	0.0145	0.0290	1.2571	2.5801						
		11	0.0017	0.0045	-0.0002	0.7458	2.4385	0.0414	0.0145	0.0204	1.7504	2.4663						
		12	0.0101	0.0015	0.0049													
133	9	10	1.251	2.06	-0.00	24.9268	-4.3788	0.1005	0.0235	0.0516	1.1730	2.5698						
		11	0.0008	0.0043	-0.0007	0.2597	2.7272	0.0845	0.0237	0.0430	1.4070	2.5454						
		12	0.0099	-0.0005	0.0054													
133	10	10	1.250	3.07	-0.00	4.6034	0.9280	0.1461	0.0329	0.0757	1.1258	2.5907						
		11	0.0048	0.0044	0.0009	0.3239	2.6787	0.1286	0.0333	0.0660	1.1258	2.5657						
		12	0.0136	-0.0008	0.0073													
133	11	10	1.249	4.12	-0.00	20.4575	-5.0292	0.1846	0.0406	0.0966	1.1007	2.6164						
		11	0.0008	0.0036	-0.0008	0.4426	2.3798	0.1660	0.0412	0.0850	1.1007	2.5629						
		12	0.0127	-0.0011	0.0060													
134	1	10	1.250	-4.10	-0.00	0.3421	2.1908	-0.1938	-0.0302	-0.0975	0.7793	2.5160						
		11	0.0115	0.0007	-0.0050	5.2074	2.4827	-0.1835	-0.0331	-0.0967	0.9024	2.6354						
		12	0.0040	0.0042	0.0020													
134	2	10	1.250	-2.13	-0.00	0.6376	2.2372	-0.0840	-0.0147	-0.0420	0.9774	2.5003						
		11	0.0145	0.0018	-0.0057	2.2085	2.5570	-0.0848	-0.0160	-0.0430	0.9463	2.6523						
		12	0.0072	0.0032	0.0037													

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →															
134	3	10	1.249	-1.07	-0.00	0.9706	2.2439	-0.0305	-0.0074	-0.0149	1.2131	2.4414						
		11	0.0105	0.0020	0.0047	1.3306	2.6430	-0.0344	-0.0079	-0.0187	1.1511	2.7255						
		12	0.0076	0.0020	0.0040													
134	4	10	1.250	-0.56	-0.00	1.0006	2.2106	-0.0036	-0.0027	-0.0021	3.7212	3.9625						
		11	0.0107	0.0021	0.0047	0.7998	2.5796	-0.0086	-0.0033	-0.0059	1.9735	3.4317						
		12	0.0100	0.0016	0.0051													
134	5	10	1.251	-0.05	-0.00	1.2408	2.4111	0.0172	0.0019	0.0088	0.5558	2.5632						
		11	0.0086	0.0021	0.0041	0.3407	2.5886	0.0084	0.0012	0.0035	0.7380	2.1030						
		12	0.0107	0.0007	0.0055													
134	6	10	1.251	-0.03	-0.00	1.1665	2.1654	0.0167	0.0018	0.0087	0.5423	2.6262						
		11	0.0103	0.0024	0.0044	0.3929	2.6059	0.0085	0.0014	0.0035	0.8452	2.0886						
		12	0.0114	0.0008	0.0059													
134	7	10	1.250	0.45	-0.00	1.7631	2.3779	0.0439	0.0056	0.0221	0.6443	2.5186						
		11	0.0085	0.0030	0.0040	0.2115	2.7162	0.0349	0.0051	0.0165	0.7295	2.3665						
		12	0.0117	0.0004	0.0064													
134	8	10	1.252	1.01	-0.00	1.8527	2.4381	0.0685	0.0093	0.0349	0.6851	2.5461						
		11	0.0078	0.0029	0.0038	0.0442	2.5726	0.0599	0.0090	0.0294	0.7577	2.4583						
		12	0.0124	0.0001	0.0064													
134	9	10	1.252	2.03	-0.00	2.2787	2.2902	0.1248	0.0175	0.0631	0.7046	2.5300						
		11	0.0061	0.0028	0.0028	-0.3756	2.6611	0.1151	0.0165	0.0571	0.7200	2.4825						
		12	0.0146	-0.0011	0.0077													
134	10	10	1.249	3.10	-0.00	2.1303	2.2635	0.1848	0.0237	0.0937	0.6417	2.5356						
		11	0.0077	0.0032	0.0034	-0.7116	2.5502	0.1736	0.0245	0.0864	0.7060	2.4904						
		12	0.0143	-0.0020	0.0073													
134	11	10	1.250	4.12	-0.00	2.0733	2.4116	0.2361	0.0282	0.1123	0.5986	2.5327						
		11	0.0072	0.0030	0.0034	-0.7256	2.4991	0.2251	0.0305	0.1123	0.6794	2.4938						
		12	0.0155	-0.0022	0.0077													
136	2	10	1.249	-4.14	-0.00	0.5668	2.4919	-0.2611	-0.0145	-0.1247	0.2784	2.3883						
		11	0.0292	0.0033	0.0145	2.2171	2.2697	-0.2511	-0.0188	-0.1213	0.3744	2.4160						
		12	0.0102	0.0045	0.0046													
136	3	10	1.251	-2.16	-0.00	0.4880	2.3813	-0.1324	-0.0077	-0.0620	0.2925	2.3410						
		11	0.0305	0.0029	0.0147	2.1617	2.2696	-0.1291	-0.0099	-0.0620	0.3869	2.3380						
		12	0.0104	0.0045	0.0047													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																			
136	4	1.249	-1.10	0.00	0.5806	2.3544	-0.0577	-0.0034	-0.0270	0.2960	2.3393	0.0322	0.0037	0.0151	1.6272	2.4343	-0.0554	-0.0050	-0.0259	0.4595	2.3426
	11	0.0322	0.0049	0.0074	1.5806	2.4343	-0.0577	-0.0034	-0.0270	0.2960	2.3393	0.0322	0.0037	0.0151	1.6272	2.4343	-0.0554	-0.0050	-0.0259	0.4595	2.3426
	12	0.0152	0.0049	0.0074	1.6272	2.4343	-0.0554	-0.0050	-0.0259	0.4595	2.3426	0.0152	0.0049	0.0074	1.5806	2.3544	-0.0577	-0.0034	-0.0270	0.2960	2.3393
136	5	1.249	-0.57	0.00	0.5466	2.3226	-0.0284	-0.0030	-0.0132	0.2241	2.3350	0.0322	0.0035	0.0150	1.5317	2.3626	-0.0254	-0.0030	-0.0117	0.5969	2.3106
	11	0.0322	0.0042	0.0065	0.5466	2.3226	-0.0284	-0.0030	-0.0132	0.2241	2.3350	0.0322	0.0035	0.0150	1.5317	2.3626	-0.0254	-0.0030	-0.0117	0.5969	2.3106
	12	0.0137	0.0042	0.0065	1.5317	2.3626	-0.0254	-0.0030	-0.0117	0.5969	2.3106	0.0137	0.0042	0.0065	0.5466	2.3226	-0.0284	-0.0030	-0.0132	0.2241	2.3350
136	6	1.251	-0.05	0.00	0.5466	2.3226	-0.0284	-0.0030	-0.0132	0.2241	2.3350	0.0322	0.0035	0.0149	1.3262	2.3504	0.0060	0.0006	0.0036	1.4104	1.7903
	11	0.0322	0.0041	0.0073	0.5466	2.3226	-0.0284	-0.0030	-0.0132	0.2241	2.3350	0.0322	0.0035	0.0149	1.3262	2.3504	0.0060	0.0006	0.0036	1.4104	1.7903
	12	0.0156	0.0041	0.0073	1.3262	2.3504	0.0060	0.0006	0.0036	1.4104	1.7903	0.0156	0.0041	0.0073	0.5466	2.3226	-0.0284	-0.0030	-0.0132	0.2241	2.3350
136	7	1.251	0.46	0.00	0.5539	2.2723	0.0308	0.0024	0.0142	0.3918	2.2943	0.0322	0.0034	0.0143	1.1484	2.4373	0.0317	0.0004	0.0142	0.3918	2.2943
	11	0.0315	0.0034	0.0086	0.5539	2.2723	0.0308	0.0024	0.0142	0.3918	2.2943	0.0315	0.0034	0.0086	1.1484	2.4373	0.0317	0.0004	0.0142	0.3918	2.2943
	12	0.0178	0.0034	0.0086	1.1484	2.4373	0.0317	0.0004	0.0142	0.3918	2.2943	0.0178	0.0034	0.0086	0.5539	2.2723	0.0308	0.0024	0.0142	0.3918	2.2943
136	8	1.250	1.00	0.00	0.5477	2.2016	0.0695	0.0051	0.0316	0.3679	2.2798	0.0322	0.0035	0.0142	1.6262	2.3006	0.0707	0.0039	0.0322	0.3679	2.2798
	11	0.0324	0.0035	0.0065	0.5477	2.2016	0.0695	0.0051	0.0316	0.3679	2.2798	0.0324	0.0035	0.0065	1.6262	2.3006	0.0707	0.0039	0.0322	0.3679	2.2798
	12	0.0143	0.0046	0.0065	1.6262	2.3006	0.0707	0.0039	0.0322	0.3679	2.2798	0.0143	0.0046	0.0065	0.5477	2.2016	0.0695	0.0051	0.0316	0.3679	2.2798
136	9	1.250	2.06	0.00	0.6875	2.2879	0.1387	0.0084	0.0648	0.3037	2.3131	0.0322	0.0038	0.0127	1.5981	2.2901	0.1401	0.0085	0.0648	0.3037	2.3131
	11	0.0279	0.0038	0.0069	0.6875	2.2879	0.1387	0.0084	0.0648	0.3037	2.3131	0.0279	0.0038	0.0127	1.5981	2.2901	0.1401	0.0085	0.0648	0.3037	2.3131
	12	0.0151	0.0048	0.0069	1.5981	2.2901	0.1401	0.0085	0.0648	0.3037	2.3131	0.0151	0.0048	0.0069	0.6875	2.2879	0.1387	0.0084	0.0648	0.3037	2.3131
136	10	1.249	3.15	0.00	0.6877	2.4231	0.2157	0.0123	0.1017	0.2860	2.3447	0.0322	0.0035	0.0058	1.9497	2.3126	0.2152	0.0145	0.1017	0.2860	2.3447
	11	0.0258	0.0035	0.0058	0.6877	2.4231	0.2157	0.0123	0.1017	0.2860	2.3447	0.0258	0.0035	0.0058	1.9497	2.3126	0.2152	0.0145	0.1017	0.2860	2.3447
	12	0.0127	0.0049	0.0058	1.9497	2.3126	0.2152	0.0145	0.1017	0.2860	2.3447	0.0127	0.0049	0.0058	0.6877	2.4231	0.2157	0.0123	0.1017	0.2860	2.3447
136	11	1.249	4.19	0.00	0.7308	2.4318	0.2825	0.0162	0.1350	0.2870	2.3906	0.0322	0.0032	0.0108	2.3090	2.1665	0.2693	0.0234	0.1350	0.2870	2.3906
	11	0.0222	0.0032	0.0045	0.7308	2.4318	0.2825	0.0162	0.1350	0.2870	2.3906	0.0222	0.0032	0.0108	2.3090	2.1665	0.2693	0.0234	0.1350	0.2870	2.3906
	12	0.0104	0.0048	0.0045	2.3090	2.1665	0.2693	0.0234	0.1350	0.2870	2.3906	0.0104	0.0048	0.0045	0.7308	2.4318	0.2825	0.0162	0.1350	0.2870	2.3906
137	1	1.249	-4.15	0.00	0.6481	2.5094	-0.2666	-0.0125	-0.1260	0.2345	2.4030	0.0322	0.0037	0.0143	2.3292	2.0484	-0.2569	-0.0158	-0.1234	0.2345	2.4030
	11	0.0285	0.0037	0.0044	0.6481	2.5094	-0.2666	-0.0125	-0.1260	0.2345	2.4030	0.0285	0.0037	0.0143	2.3292	2.0484	-0.2569	-0.0158	-0.1234	0.2345	2.4030
	12	0.0108	0.0050	0.0044	2.3292	2.0484	-0.2569	-0.0158	-0.1234	0.2345	2.4030	0.0108	0.0050	0.0044	0.6481	2.5094	-0.2666	-0.0125	-0.1260	0.2345	2.4030
137	2	1.251	-2.13	0.00	0.3953	2.3769	-0.1315	-0.0075	-0.0613	0.2870	2.3758	0.0322	0.0024	0.0145	1.9213	2.1354	-0.1252	-0.0089	-0.0595	0.2870	2.3758
	11	0.0305	0.0024	0.0053	0.3953	2.3769	-0.1315	-0.0075	-0.0613	0.2870	2.3758	0.0305	0.0024	0.0145	1.9213	2.1354	-0.1252	-0.0089	-0.0595	0.2870	2.3758
	12	0.0125	0.0048	0.0053	1.9213	2.1354	-0.1252	-0.0089	-0.0595	0.2870	2.3758	0.0125	0.0048	0.0053	0.3953	2.3769	-0.1315	-0.0075	-0.0613	0.2870	2.3758
137	3	1.251	-1.09	0.00	0.4299	2.4928	-0.0603	-0.0035	-0.0282	0.2920	2.4131	0.0322	0.0024	0.0141	1.7710	2.1451	-0.0549	-0.0047	-0.0265	0.2920	2.4131
	11	0.0282	0.0024	0.0058	0.4299	2.4928	-0.0603	-0.0035	-0.0282	0.2920	2.4131	0.0282	0.0024	0.0141	1.7710	2.1451	-0.0549	-0.0047	-0.0265	0.2920	2.4131
	12	0.0135	0.0047	0.0058	1.7710	2.1451	-0.0549	-0.0047	-0.0265	0.2920	2.4131	0.0135	0.0047	0.0058	0.4299	2.4928	-0.0603	-0.0035	-0.0282	0.2920	2.4131

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key													
137	4	10	1.251	-0.57	0.0024	0.0067	0.4299	2.4928	-0.0288	-0.0017	-0.0135	0.3083	2.3540			
		11	0.0282	0.0024	0.0140	0.0067	1.5554	2.1976	-0.0269	-0.0033	-0.0130	0.6168	2.4195			
		12	0.0152	0.0047	0.0067	0.0067	0.4469	2.3628	0.0025	0.0009	0.0008	1.6141	1.5700			
137	5	10	1.251	-0.04	0.0026	0.0069	1.4812	2.3077	0.0065	-0.0007	0.0023	-0.5455	1.7870			
		11	0.0301	0.0026	0.0142	0.0069	0.4640	2.4272	0.0334	0.0028	0.0148	0.4197	2.2159			
		12	0.0149	0.0044	0.0069	0.0065	1.5133	2.1447	0.0375	0.0014	0.0162	0.1924	2.1657			
137	6	10	1.251	0.47	0.0026	0.0065	0.4640	2.4272	0.0334	0.0028	0.0148	0.4197	2.2159			
		11	0.0290	0.0026	0.0140	0.0065	0.4640	2.4272	0.0334	0.0028	0.0148	0.4197	2.2159			
		12	0.0152	0.0046	0.0065	0.0065	1.5133	2.1447	0.0375	0.0014	0.0162	0.1924	2.1657			
137	7	10	1.250	1.02	0.0028	0.0066	0.4923	2.4393	0.0680	0.0046	0.0309	0.3452	2.2739			
		11	0.0292	0.0049	0.0142	0.0066	1.6129	2.1893	0.0732	0.0039	0.0326	0.2707	2.2281			
		12	0.0151	0.0049	0.0066	0.0066	0.4923	2.4393	0.0680	0.0046	0.0309	0.3452	2.2739			
137	8	10	1.250	2.07	0.0033	0.0064	0.6451	2.4048	0.1406	0.0078	0.0651	0.2795	2.3174			
		11	0.0260	0.0033	0.0125	0.0064	1.8260	2.1026	0.1421	0.0083	0.0652	0.2945	2.2942			
		12	0.0153	0.0055	0.0064	0.0064	0.6451	2.4048	0.1406	0.0078	0.0651	0.2795	2.3174			
137	9	10	1.252	3.12	0.0044	0.0063	0.5895	2.3558	0.2073	0.0109	0.0977	0.2635	2.3504			
		11	0.0251	0.0044	0.0118	0.0063	1.5362	2.1874	0.2113	0.0124	0.0979	0.2954	2.3167			
		12	0.0144	0.0044	0.0063	0.0063	0.5895	2.3558	0.2073	0.0109	0.0977	0.2635	2.3504			
137	10	10	1.251	4.18	0.0052	0.0058	0.6392	2.3918	0.2770	0.0134	0.1312	0.2434	2.3683			
		11	0.0224	0.0052	0.0107	0.0058	1.8067	2.0300	0.2773	0.0162	0.1295	0.2926	2.3355			
		12	0.0144	0.0052	0.0058	0.0058	0.6392	2.3918	0.2770	0.0134	0.1312	0.2434	2.3683			
138	1	10	1.252	-4.18	0.0029	0.0039	0.5213	2.5341	-0.2718	-0.0126	-0.1279	0.2320	2.3525			
		11	0.0278	0.0029	0.0141	0.0039	2.4183	2.0172	-0.2608	-0.0153	-0.1253	0.2940	2.4017			
		12	0.0098	0.0047	0.0039	0.0039	0.5213	2.5341	-0.2718	-0.0126	-0.1279	0.2320	2.3525			
138	2	10	1.254	-2.15	0.0019	0.0065	0.3049	2.4242	-0.1343	-0.0079	-0.0626	0.2961	2.3307			
		11	0.0317	0.0019	0.0153	0.0065	1.6414	2.1071	-0.1259	-0.0090	-0.0599	0.3584	2.3810			
		12	0.0156	0.0051	0.0065	0.0065	0.3049	2.4242	-0.1343	-0.0079	-0.0626	0.2961	2.3307			
138	3	10	1.250	-1.07	0.0028	0.0065	0.4829	2.4549	-0.0582	-0.0030	-0.0270	0.2617	2.3236			
		11	0.0290	0.0028	0.0142	0.0065	1.7567	2.1714	-0.0545	-0.0048	-0.0266	0.4437	2.4388			
		12	0.0151	0.0053	0.0065	0.0065	0.4829	2.4549	-0.0582	-0.0030	-0.0270	0.2617	2.3236			
138	4	10	1.249	-0.57	0.0028	0.0058	0.4886	2.4561	-0.0290	-0.0015	-0.0134	0.2692	2.3173			
		11	0.0296	0.0028	0.0145	0.0058	1.7797	2.0753	-0.0235	-0.0027	-0.0118	0.5907	2.5062			
		12	0.0141	0.0050	0.0058	0.0058	0.4886	2.4561	-0.0290	-0.0015	-0.0134	0.2692	2.3173			

TABLE VIIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
138	5	10	1.251	-0.04	-0.00	0.4420	2.5354	0.0055	0.0006	0.0020	0.0022	0.6196	1.6767					
			0.0264	0.0025	0.0144	1.5501	2.2018	0.0069	-0.0008	0.0020	0.0022	-0.5872	1.6126					
			0.0166	0.0051	0.0073													
138	6	10	1.254	0.47	-0.00	0.4049	2.5180	0.0345	0.0020	0.0150	0.0160	0.2920	2.1829					
			0.0267	0.0023	0.0144	1.2623	2.2760	0.0365	0.0003	0.0150	0.0160	0.0423	2.2005					
			0.0166	0.0042	0.0075													
138	7	10	1.252	1.01	-0.00	0.3703	2.5943	0.0687	0.0039	0.0310	0.0318	0.2868	2.2562					
			0.0249	0.0018	0.0129	1.3844	2.1700	0.0719	0.0030	0.0310	0.0318	0.2133	2.2126					
			0.0170	0.0047	0.0073													
138	8	10	1.252	2.07	-0.00	0.5405	2.5119	0.1378	0.0066	0.0642	0.0655	0.2429	2.3308					
			0.0250	0.0027	0.0125	1.3660	2.2538	0.1438	0.0069	0.0642	0.0655	0.2417	2.2788					
			0.0158	0.0043	0.0071													
138	9	10	1.251	3.15	-0.00	0.4401	2.6437	0.2100	0.0099	0.0989	0.0986	0.2362	2.3554					
			0.0230	0.0020	0.0121	1.6139	2.1837	0.2137	0.0118	0.0989	0.0986	0.2781	2.3072					
			0.0157	0.0050	0.0068													
138	10	10	1.249	4.20	-0.00	0.5894	2.6817	0.2754	0.0124	0.1305	0.1306	0.2265	2.3688					
			0.0186	0.0022	0.0100	2.1154	2.1220	0.2803	0.0157	0.1305	0.1306	0.2617	2.3299					
			0.0132	0.0056	0.0056													
139	1	10	1.251	-4.13	-0.00	0.2292	2.8566	-0.2733	-0.0113	-0.1286	-0.1263	0.2083	2.3524					
			0.0264	0.0012	0.0151	1.9463	1.6597	-0.2583	-0.0129	-0.1286	-0.1263	0.2514	2.4451					
			0.0150	0.0058	0.0050													
139	2	10	1.249	-2.13	-0.00	0.3235	2.7368	-0.1328	-0.0053	-0.0620	-0.0607	0.2019	2.3338					
			0.0259	0.0016	0.0141	1.8065	1.7512	-0.1240	-0.0062	-0.0620	-0.0607	0.2511	2.4482					
			0.0158	0.0057	0.0055													
139	3	10	1.250	-1.05	-0.00	0.2511	2.7934	-0.0599	-0.0031	-0.0276	-0.0263	0.2589	2.3068					
			0.0256	0.0012	0.0143	1.5398	1.8183	-0.0502	-0.0031	-0.0276	-0.0263	0.3121	2.6160					
			0.0192	0.0059	0.0070													
139	4	10	1.251	-0.56	-0.00	0.2617	2.7221	-0.0306	-0.0017	-0.0138	-0.0126	0.2830	2.2543					
			0.0262	0.0013	0.0142	1.3900	1.8749	-0.0223	-0.0022	-0.0138	-0.0126	0.5092	2.8320					
			0.0198	0.0055	0.0074													
139	5	10	1.252	-0.04	-0.00	0.3002	2.7265	0.0025	0.0001	0.0012	0.0012	0.2892	2.4730					
			0.0243	0.0014	0.0132	1.3751	1.8656	0.0096	-0.0005	0.0012	0.0012	-0.2814	1.0340					
			0.0187	0.0051	0.0069													

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

← See Key →

Run	Pt.	Cd																				
139	6	10	1.252	0.47	-0.00	0.3459	2.7087	0.0388	0.0011	0.0180	0.1473	2.3308										
		11	0.0253	0.0017	0.0137	1.2218	1.9294	0.0450	0.0011	0.0188	0.1325	2.0863										
		12	0.0201	0.0049	0.0077																	
139	7	10	1.251	1.01	-0.00	0.2948	2.7108	0.0631	0.0022	0.0295	0.1783	2.3373										
		11	0.0265	0.0015	0.0143	0.9927	1.9716	0.0720	0.0024	0.0308	0.1725	2.1387										
		12	0.0217	0.0043	0.0085																	
139	8	10	1.250	2.10	-0.00	0.4704	2.8512	0.1413	0.0052	0.0665	0.1840	2.3530										
		11	0.0217	0.0020	0.0123	1.0611	2.0024	0.1454	0.0057	0.0656	0.1961	2.2561										
		12	0.0216	0.0045	0.0086																	
139	9	10	1.250	3.15	-0.00	0.3145	2.8996	0.2085	0.0085	0.0992	0.2046	2.3798										
		11	0.0201	0.0012	0.0117	1.2437	1.9785	0.2176	0.0111	0.0996	0.2566	2.2893										
		12	0.0190	0.0047	0.0075																	
139	10	10	1.250	4.19	-0.00	0.3654	2.8834	0.2721	0.0110	0.1297	0.2030	2.3830										
		11	0.0185	0.0013	0.0106	1.8402	1.8719	0.2820	0.0152	0.1307	0.2703	2.3173										
		12	0.0174	0.0064	0.0065																	
139	11	10	0.035	0.00	-0.00	4.5089	-1.0977	0.4167	-0.1140	-0.3249	-1.3676	-3.8977										
		11	0.2942	-0.2653	0.0645	1.6414	2.0320	0.9170	-0.0660	0.0627	-0.3599	-0.3419										
		12	-0.6286	0.2063	0.2554																	
140	3	10	1.102	4.11	0.00	1.2286	2.7265	-0.1975	-0.0481	-0.0993	1.2177	2.5142										
		11	0.0066	0.0016	0.0036	-0.4449	2.0786	-0.1405	-0.0539	-0.0724	1.9172	2.5780										
		12	-0.0416	0.0037	-0.0173																	
140	4	10	1.103	2.13	-0.00	1.0752	2.5652	-0.0945	-0.0305	-0.0466	1.6178	2.4667										
		11	0.0064	0.0013	0.0033	0.0964	1.2389	-0.1053	-0.0337	-0.0495	1.6030	2.3505										
		12	-0.0064	-0.0001	-0.0015																	
140	5	10	1.100	1.06	-0.00	0.7907	2.2766	-0.0366	-0.0130	-0.0178	1.7753	2.4309										
		11	0.0094	0.0014	0.0042	0.9138	0.6281	-0.0488	-0.0154	-0.0216	1.6085	2.2475										
		12	-0.0048	-0.0008	-0.0006																	
140	6	10	1.098	-0.59	-0.00	0.7666	2.2109	-0.0153	-0.0034	-0.0078	1.1161	2.5653										
		11	0.0096	0.0014	0.0042	0.8126	0.7906	-0.0203	-0.0077	-0.0084	1.9164	2.0774										
		12	-0.0054	-0.0008	-0.0008																	
140	7	10	1.098	-0.05	-0.00	1.1731	2.4598	0.0017	0.0044	0.0003	12.5198	1.0838										
		11	0.0051	0.0012	0.0025	1.4521	0.8043	-0.0011	-0.0003	0.0001	1.4233	-0.5719										
		12	-0.0039	-0.0011	-0.0006																	

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																					
140	8	1.100	0.44	-0.00	1.9525	3.0461	0.0261	0.0130	0.0113	2.4918	2.1710	0.0047	0.0018	0.0028	1.4970	0.9127	0.0229	0.0087	0.0114	1.9086	2.4918	2.4912	
	11	-0.0034	-0.0010	-0.0006																			
	12																						
140	9	1.099	0.99	-0.00	1.6004	2.4345	0.0546	0.0215	0.0248	1.9773	2.2798	0.0053	0.0017	0.0026	2.0290	-1.3532	0.0478	0.0168	0.0231	1.7611	2.4147	2.4147	
	11	-0.0018	-0.0007	0.0004																			
	12																						
140	10	1.098	2.08	-0.00	1.2490	2.4516	0.1019	0.0366	0.0491	1.7958	2.4097	0.0043	0.0010	0.0021	1.2556	1.4157	0.0873	0.0350	0.0439	1.6904	2.5192	2.5192	
	11	-0.0043	-0.0011	-0.0012																			
	12																						
140	11	1.099	3.10	-0.00	2.3547	1.6241	0.1572	0.0474	0.0783	1.5073	2.4898	0.0038	0.0017	0.0012	2.0241	1.5839	0.1311	0.0442	0.0669	1.6870	2.5537	2.5537	
	11	-0.0023	-0.0003	-0.0007																			
	12																						
140	12	1.102	4.13	-0.00	-1.0564	2.2922	0.2116	0.0517	0.1065	1.2215	2.5168	0.0354	0.0074	0.0122	-1.04507	1.5409	0.2116	0.0531	0.0750	1.8549	2.6161	2.6161	
	11	-0.0354	-0.0074	-0.0122																			
	12	-0.0020	-0.0001	-0.0006																			
141	1	1.100	-4.16	-0.00	-1.4099	6.9233	-0.2742	-0.0245	-0.1312	0.4384	2.3398	0.0017	-0.0004	0.0023	-1.3464	6.6720	-0.2742	-0.0248	-0.1320	0.4526	2.4066	2.4066	
	11	-0.0017	-0.0004	0.0023																			
	12	-0.0009	-0.0000	-0.0012																			
141	2	1.101	-2.14	-0.00	1.6267	9.8696	-0.1325	-0.0157	-0.0605	0.5954	2.2824	0.0027	0.0006	0.0022	1.1225	-0.2204	-0.1315	-0.0179	-0.0628	0.6817	2.3884	2.3884	
	11	0.0011	0.0003	0.0022																			
	12	0.0027	0.0006	-0.0001																			
141	3	1.101	-1.08	-0.00	0.3382	6.2570	-0.0549	-0.0055	-0.0243	0.5044	2.2141	0.0025	0.0001	0.0031	-2.9476	13.3521	-0.0536	-0.0078	-0.0262	0.7295	2.4425	2.4425	
	11	-0.0025	0.0002	-0.0011																			
	12	-0.0004	0.0002	-0.0011																			
141	4	1.097	-0.59	-0.00	-0.3254	4.3085	-0.0267	-0.0004	-0.0113	0.0813	2.1266	0.0040	-0.0002	0.0035	-0.32075	-8.3983	-0.0221	-0.0032	-0.0118	0.7388	2.6813	2.6813	
	11	0.0040	-0.0002	0.0035																			
	12	0.0006	0.0000	-0.0011																			
141	5	1.100	-0.03	-0.00	-0.6016	6.3165	0.0072	0.0036	0.0045	2.4863	3.1398	0.0028	-0.0004	0.0036	-1.6487	-6.9215	0.0102	0.0011	0.0033	0.5784	1.6307	1.6307	
	11	0.0028	-0.0004	0.0036																			
	12	0.0007	0.0002	-0.0009																			
141	6	1.097	0.45	-0.00	-2.3259	6.8355	0.0375	0.0083	0.0184	1.1130	2.4567	0.0023	-0.0011	0.0032	-2.0935	6.7034	0.0389	0.0055	0.0164	0.7079	2.1083	2.1083	
	11	0.0023	-0.0011	0.0032																			
	12	0.0035	0.0000	-0.0005																			

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																					
141	7	10	1.102	1.02	-0.00	0.2157	3.8467	0.0720	0.0121	0.0341	0.0460	2.3715	11	0.0066	0.0002	0.0051	0.4288	0.0744	0.0104	0.0323	0.6992	2.1761	
		12	0.0043	0.0003	0.0007	0.0007	0.8625	0.0744	0.0104	0.0323	0.6992	2.1761											
141	8	10	1.103	2.09	-0.00	-2.1970	7.1576	0.1482	0.0207	0.0710	0.6997	2.3970	11	0.0022	-0.0009	0.0032	-2.7660	0.1535	0.0692	0.6532	0.6997	2.3970	
		12	0.0004	0.0002	-0.0009	0.0009	-11.5163	0.1535	0.0200	0.0692	0.6532	2.2533											
141	9	10	1.102	3.13	-0.00	-3.7872	8.6144	0.2164	0.0251	0.1033	0.5800	2.3861	11	0.0017	0.0013	0.0029	-1.2346	0.2228	0.1021	0.5632	0.5800	2.3861	
		12	0.0029	0.0007	-0.0001	0.0001	-0.2073	0.2228	0.0251	0.1021	0.5632	2.2912											
141	10	10	1.097	4.18	-0.00	24.9368	-27.4374	0.2917	0.0267	0.1398	0.4585	2.3974	11	0.0003	-0.0019	0.0021	0.1994	0.2973	0.0266	0.1375	0.4585	2.3974	
		12	0.0025	0.0000	-0.0003	0.0003	-0.7419	0.2973	0.0266	0.1375	0.4585	2.3132											
142	4	10	1.000	-4.13	-0.00	0.8826	2.9246	-0.3032	-0.0272	-0.1437	0.4715	2.3702	11	0.0192	0.0033	0.0112	0.8826	-0.3032	-0.1437	0.4715	0.4715	2.3702	
		12	0.0117	0.0012	0.0052	0.5457	2.2090	-0.2972	-0.0272	-0.1437	0.4715	2.4060											
142	5	10	0.998	-2.13	-0.00	0.4915	2.7046	-0.1561	-0.0154	-0.0723	0.4960	2.3181	11	0.0200	0.0019	0.0108	0.4915	-0.1561	-0.0723	0.4960	0.4960	2.3181	
		12	0.0113	0.0003	0.0041	0.1708	1.8218	-0.1464	-0.0160	-0.0698	0.5495	2.3838											
142	6	10	1.001	-1.08	-0.00	0.3556	2.6898	-0.0691	-0.0052	-0.0311	0.3781	2.2521	11	0.0193	0.0013	0.0103	0.3556	-0.0691	-0.0052	-0.0311	0.3781	2.2521	
		12	0.0148	-0.0006	0.0065	-0.2171	2.2100	-0.0583	-0.0069	-0.0287	0.5961	2.4637											
142	7	10	0.999	-0.57	-0.00	0.3650	2.5841	-0.0279	0.0003	-0.0122	-0.0584	2.2028	11	0.0169	0.0012	0.0087	0.3650	-0.0279	0.0003	-0.0122	-0.0584	2.2028	
		12	0.0110	-0.0014	0.0046	-0.6811	2.1185	-0.0184	-0.0029	-0.0095	-0.0788	2.5987											
142	8	10	1.000	-0.03	0.00	0.3733	2.7154	0.0049	0.0043	0.0031	4.4496	3.2513	11	0.0183	0.0013	0.0099	0.3733	0.0049	0.0043	0.0031	4.4496	3.2513	
		12	0.0174	-0.0002	0.0069	-0.0597	1.9374	0.0135	0.0006	0.0049	0.2389	1.8439											
142	9	10	1.003	0.46	-0.00	0.4212	2.7138	0.0415	0.0090	0.0198	1.0953	2.3859	11	0.0175	0.0014	0.0095	0.4212	0.0415	0.0090	0.0198	1.0953	2.3859	
		12	0.0161	0.0001	0.0065	0.0500	2.0274	0.0500	0.0047	0.0220	0.4765	2.2071											
142	10	10	1.000	0.99	-0.00	0.5907	2.7706	0.0847	0.0145	0.0402	0.8595	2.3767	11	0.0165	0.0019	0.0091	0.5907	0.0847	0.0145	0.0402	0.8595	2.3767	
		12	0.0147	0.0000	0.0062	0.0215	2.1298	0.0912	0.0095	0.0406	0.5222	2.2272											

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →															
142	11	10	1.003	2.06	-0.00	0.6533	2.7284	0.1686	0.0227	0.0809	0.6740	2.3991						
	11	11	0.0157	0.0020	0.0085	0.1602	1.9757	0.1760	0.0186	0.0810	0.5286	2.3031						
	12	12	0.0138	0.0004	0.0054													
142	12	10	1.000	3.14	-0.00	0.5569	2.9499	0.2607	0.0302	0.1251	0.5805	2.4009						
	11	11	0.0155	0.0017	0.0091	0.5465	1.9854	0.2655	0.0266	0.1233	0.5014	2.3219						
	12	12	0.0182	0.0019	0.0072													
142	13	10	1.002	4.17	-0.00	0.3339	3.0268	0.3334	0.0334	0.1615	0.5016	2.4225						
	11	11	0.0135	0.0009	0.0081	0.4166	2.0771	0.3414	0.0313	0.1600	0.4590	2.3433						
	12	12	0.0147	0.0012	0.0061													
143	1	10	1.000	-4.10	0.00	1.0932	2.3317	-0.1984	-0.0410	-0.0963	1.0355	2.4277						
	11	11	0.0139	0.0030	0.0064	-0.4312	1.0163	-0.1829	-0.0415	-0.0893	1.1363	2.4420						
	12	12	-0.0046	0.0004	-0.0009													
143	2	10	1.000	-2.11	-0.00	1.0138	2.2603	-0.0907	-0.0207	-0.0433	1.1432	2.3862						
	11	11	0.0164	0.0033	0.0074	0.7997	3.4165	-0.0905	-0.0225	-0.0428	1.2433	2.3659						
	12	12	0.0050	0.0008	0.0034													
143	3	10	0.997	-1.05	-0.00	1.0046	2.2459	-0.0364	-0.0071	-0.0177	0.9852	2.4415						
	11	11	0.0177	0.0035	0.0079	0.4095	3.5207	-0.0371	-0.0096	-0.0166	1.3028	2.4435						
	12	12	0.0042	0.0003	0.0030													
143	4	10	0.999	-0.57	-0.00	0.9697	2.2065	-0.0178	-0.0023	-0.0086	0.6700	2.4090						
	11	11	0.0181	0.0035	0.0080	0.5306	3.6727	-0.0156	-0.0040	-0.0068	1.2955	2.1892						
	12	12	0.0051	0.0005	0.0038													
143	5	10	0.999	-0.03	-0.00	1.0006	2.2106	0.0033	0.0031	0.0016	4.7563	2.4536						
	11	11	0.0192	0.0038	0.0085	0.4415	3.5241	0.0064	0.0016	0.0032	1.3057	2.4847						
	12	12	0.0049	0.0004	0.0035													
143	6	10	1.000	0.46	-0.00	0.9998	2.1756	0.0316	0.0105	0.0142	1.6670	2.3487						
	11	11	0.0191	0.0038	0.0083	0.5195	3.1311	0.0332	0.0388	0.0152	1.3527	2.3023						
	12	12	0.0062	0.0006	0.0039													
143	7	10	0.998	0.99	-0.00	1.0055	2.2845	0.0582	0.0170	0.0264	1.4642	2.2684						
	11	11	0.0177	0.0035	0.0081	0.6279	2.9845	0.0546	0.0141	0.0259	1.2988	2.3802						
	12	12	0.0078	0.0009	0.0046													
143	8	10	0.999	2.03	-0.00	1.0467	1.9587	0.1084	0.0284	0.0515	1.3141	2.3778						
	11	11	0.0156	0.0032	0.0061	0.3693	1.7557	0.1062	0.0266	0.0502	1.2525	2.3672						
	12	12	0.0045	0.0003	0.0034													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →											
143	9	10	1.000	3.11	-0.00	1.2014	3.2975	0.1700	0.0403	0.0822	1.1871	2.4173		
	11	12	0.0111	0.0026	0.0037	0.6187	3.5427	0.1601	0.0371	0.0775	1.1590	2.4208		
	12	12	0.0053	0.0006	0.0037	0.6187	3.5427	0.1601	0.0371	0.0775	1.1590	2.4208		
143	10	10	1.004	4.14	-0.00	3.2685	3.1975	0.2263	0.0481	0.1110	1.0644	2.4534		
	11	12	0.0038	0.0025	0.0014	0.7346	3.1975	0.2106	0.0444	0.1031	1.0544	2.4480		
	12	12	0.0039	0.0005	0.0025	0.7346	3.1975	0.2106	0.0444	0.1031	1.0544	2.4480		
144	1	10	1.002	-4.14	0.00	0.9967	2.2334	-0.2597	-0.0466	-0.1255	0.9975	2.4100		
	11	12	0.0191	0.0038	0.0019	0.7336	2.2334	-0.2428	-0.0465	-0.1177	0.9580	2.4234		
	12	12	0.0011	0.0001	0.0019	0.7336	2.2334	-0.2428	-0.0465	-0.1177	0.9580	2.4234		
144	2	10	0.999	-2.14	-0.00	1.0123	2.1976	-0.1259	-0.0269	-0.0594	1.0683	2.3607		
	11	12	0.0234	0.0047	0.0042	0.5339	2.1976	-0.1146	-0.0267	-0.0542	1.1658	2.3649		
	12	12	0.0071	0.0007	0.0042	0.5339	2.1976	-0.1146	-0.0267	-0.0542	1.1658	2.3649		
144	3	10	1.000	-1.06	-0.00	1.0062	3.2358	-0.0464	-0.0090	-0.0223	0.9734	2.4034		
	11	12	0.0224	0.0045	0.0044	0.4635	3.1595	-0.0400	-0.0103	-0.0181	1.2870	2.2670		
	12	12	0.0069	0.0006	0.0044	0.4635	3.1595	-0.0400	-0.0103	-0.0181	1.2870	2.2670		
144	4	10	1.000	-0.58	-0.00	0.9889	2.2552	-0.0187	-0.0017	-0.0085	0.4532	2.2782		
	11	12	0.0221	0.0043	0.0046	0.6022	2.8691	-0.0114	-0.0027	-0.0051	1.2148	2.2509		
	12	12	0.0081	0.0009	0.0046	0.6022	2.8691	-0.0114	-0.0027	-0.0051	1.2148	2.2509		
144	5	10	1.002	-0.02	-0.00	0.9862	2.1974	0.0096	0.0051	0.0045	2.6688	2.3910		
	11	12	0.0239	0.0047	0.0038	0.4207	2.9607	0.0222	0.0055	0.0097	1.2507	2.1918		
	12	12	0.0064	0.0005	0.0038	0.4207	2.9607	0.0222	0.0055	0.0097	1.2507	2.1918		
144	6	10	0.999	0.46	-0.00	0.9777	2.1750	0.0449	0.0143	0.0205	1.5921	2.2826		
	11	12	0.0230	0.0044	0.0056	0.6529	2.8462	0.0504	0.0128	0.0232	1.2734	2.2983		
	12	12	0.0098	0.0012	0.0056	0.6529	2.8462	0.0504	0.0128	0.0232	1.2734	2.2983		
144	7	10	0.999	1.02	-0.00	0.9453	3.2144	0.0785	0.0219	0.0366	1.3958	2.3327		
	11	12	0.0244	0.0046	0.0042	0.2226	3.1750	0.0889	0.0215	0.0410	1.2087	2.3071		
	12	12	0.0066	0.0002	0.0042	0.2226	3.1750	0.0889	0.0215	0.0410	1.2087	2.3071		
144	8	10	0.998	2.06	-0.00	0.9091	2.1076	0.1481	0.0352	0.0705	1.1916	2.3811		
	11	12	0.0240	0.0043	0.0048	0.5201	2.9138	0.1561	0.0342	0.0737	1.0946	2.3620		
	12	12	0.0082	0.0008	0.0048	0.5201	2.9138	0.1561	0.0342	0.0737	1.0946	2.3620		
144	9	10	1.000	3.12	-0.00	0.8849	2.0837	0.2192	0.0456	0.1064	1.0415	2.4262		
	11	12	0.0219	0.0038	0.0052	0.5818	2.8279	0.2250	0.0437	0.1082	0.9731	2.4042		
	12	12	0.0091	0.0010	0.0052	0.5818	2.8279	0.2250	0.0437	0.1082	0.9731	2.4042		

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key															
144	10	1.000	4.16	-0.00	0.9404	2.0909	0.2907	0.0529	0.1419	0.9102	2.4408						
	11	0.0225	0.0042	0.0094	0.6484	2.7911	0.2922	0.0507	0.1412	0.0679	2.4161						
	12	0.0129	0.0016	0.0072													
145	1	0.999	-4.13	-0.00	0.9642	2.3433	-0.2865	-0.0404	-0.1385	0.7063	2.4167						
	11	0.0228	0.0044	0.0107	0.9336	4.1014	-0.2732	-0.0412	-0.1323	0.7550	2.4220						
	12	0.0048	0.0009	0.0039													
145	2	1.001	-2.13	-0.00	0.9348	2.2694	-0.1381	-0.0239	-0.0651	0.8651	2.3570						
	11	0.0246	0.0046	0.0111	-0.0438	3.7872	-0.1260	-0.0241	-0.0593	0.9577	2.3545						
	12	0.0057	-0.0000	0.0043													
145	3	1.000	-1.06	-0.00	0.8592	2.3262	-0.0566	-0.0086	-0.0260	0.7682	2.3031						
	11	0.0255	0.0043	0.0118	-0.3249	3.7262	-0.0449	-0.0095	-0.0203	1.0636	2.2666						
	12	0.0064	-0.0004	0.0047													
145	4	0.997	-0.57	-0.00	0.8588	2.1271	-0.0291	-0.0032	-0.0130	0.5647	2.3301						
	11	0.0247	0.0042	0.0105	0.0969	2.9894	-0.0166	-0.0036	-0.0077	1.1089	2.3121						
	12	0.0080	0.0001	0.0047													
145	5	1.003	-0.04	-0.00	0.7528	2.2491	0.0118	0.0053	0.0051	2.2528	2.1783						
	11	0.0251	0.0037	0.0113	0.2344	3.0570	0.0212	0.0034	0.0093	0.8166	2.3032						
	12	0.0114	0.0005	0.0069													
145	6	0.994	0.47	-0.00	0.8213	2.1448	0.0464	0.0134	0.0214	1.4514	2.3032						
	11	0.0252	0.0041	0.0108	0.4107	2.6542	0.0565	0.0119	0.0257	1.0550	2.2726						
	12	0.0101	0.0008	0.0053													
145	7	0.997	1.04	-0.00	0.7760	2.2222	0.0911	0.0221	0.0426	1.2167	2.3397						
	11	0.0221	0.0034	0.0098	0.3977	2.6937	0.0963	0.0194	0.0442	1.0116	2.2947						
	12	0.0114	0.0009	0.0061													
145	8	1.060	2.06	-0.00	0.8107	2.1185	0.1581	0.0322	0.0744	1.0182	2.3521						
	11	0.0254	0.0041	0.0107	0.2236	2.6982	0.1689	0.0304	0.0795	0.9023	2.3521						
	12	0.0104	0.0004	0.0056													
145	9	0.997	3.13	-0.00	0.9945	2.1569	0.2412	0.0419	0.1164	0.8694	2.4141						
	11	0.0231	0.0046	0.0099	0.2975	2.7101	0.2471	0.0399	0.1177	0.8089	2.3821						
	12	0.0113	0.0006	0.0061													
145	10	1.001	4.18	-0.00	1.0028	2.1685	0.3177	0.0461	0.1549	0.7255	2.4386						
	11	0.0175	0.0035	0.0076	0.2774	2.6877	0.3176	0.0437	0.1526	0.6885	2.4033						
	12	0.0119	0.0006	0.0064													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																				
146	1	10	0.899	-4.12	-0.00	0.7502	2.7055	-0.2825	-0.0498	-0.1354	0.8631	2.3972										
		11	0.0199	0.0029	0.0107	0.3686	1.9245	-0.2647	-0.0479	-0.1296	0.9055	2.4486										
		12	0.0100	0.0007	0.0038																	
146	2	10	0.901	-2.11	-0.00	0.7876	2.5720	-0.1269	-0.0256	-0.0595	1.0086	2.3456										
		11	0.0188	0.0029	0.0096	0.4229	1.9617	-0.1112	-0.0248	-0.0541	1.1148	2.4331										
		12	0.0101	0.0008	0.0039																	
146	3	10	0.900	-1.04	-0.00	0.7876	2.5720	-0.0524	-0.0094	-0.0239	0.8969	2.2813										
		11	0.0187	0.0029	0.0096	0.4847	2.1872	-0.0390	-0.0093	-0.0192	1.1994	2.4595										
		12	0.0112	0.0010	0.0049																	
146	4	10	0.901	-0.57	-0.00	0.7764	2.6098	-0.0249	-0.0026	-0.0115	0.5262	2.3230										
		11	0.0182	0.0028	0.0095	0.4860	2.1165	-0.0103	-0.0023	-0.0065	1.1161	2.4341										
		12	0.0112	0.0010	0.0047																	
146	5	10	0.900	-0.04	-0.00	0.8706	2.4277	0.0049	0.0045	0.0026	4.5994	2.6921										
		11	0.0214	0.0037	0.0104	0.6255	2.0231	0.0189	0.0047	0.0068	1.2424	1.8005										
		12	0.0136	0.0017	0.0055																	
146	6	10	0.898	0.46	-0.00	0.8534	2.4123	0.0421	0.0133	0.0204	1.5891	2.4308										
		11	0.0203	0.0034	0.0098	0.6406	2.2222	0.0550	0.0134	0.0235	1.2215	2.1416										
		12	0.0142	0.0018	0.0063																	
146	7	10	0.902	1.01	-0.00	0.8858	2.4679	0.0736	0.0205	0.0387	1.1849	2.3908										
		11	0.0210	0.0037	0.0104	0.6060	2.1425	0.0874	0.0207	0.0387	1.3953	2.2181										
		12	0.0139	0.0016	0.0059																	
146	8	10	0.901	2.05	-0.00	0.8039	2.4958	0.1512	0.0356	0.0724	1.1775	2.3950										
		11	0.0174	0.0028	0.0087	0.4980	2.0874	0.1623	0.0349	0.0754	1.0765	2.3230										
		12	0.0121	0.0012	0.0050																	
146	9	10	0.901	3.13	-0.00	0.8087	2.3819	0.2317	0.0475	0.1132	1.0249	2.4427										
		11	0.0189	0.0030	0.0090	0.5295	2.2104	0.2443	0.0465	0.1155	0.9534	2.3640										
		12	0.0135	0.0014	0.0059																	
146	10	10	0.901	4.12	-0.00	0.7556	2.4436	0.3034	0.0557	0.1487	0.9194	2.4502										
		11	0.0203	0.0030	0.0099	0.5005	1.9569	0.3206	0.0552	0.1529	0.8622	2.3846										
		12	0.0121	0.0012	0.0047																	
147	3	10	0.898	-4.07	0.00	0.9287	2.5286	-0.1730	-0.0321	-0.0842	0.9281	2.4336										
		11	0.0115	0.0021	0.0058	-0.2197	-0.2299	-0.1584	-0.0332	-0.0760	1.0501	2.3979										
		12	-0.0033	0.0001	0.0001																	

TABLE VIIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key											
147	4	10	0.896	-2.09	-0.00	0.8970	2.3254	-0.0800	-0.0162	-0.0385	1.0132	2.4081		
		11	0.0148	0.0026	0.0069	0.1893	4.6103	-0.0753	-0.0169	-0.0348	1.1248	2.3136		
		12	0.0018	0.0000	0.0016									
147	5	10	0.898	-1.06	-0.00	0.9290	3.2688	-0.0323	-0.0056	-0.0159	0.8658	2.4626		
		11	0.0184	0.0034	0.0083	0.4129	3.3516	-0.0310	-0.0070	-0.0130	0.1415	2.1024		
		12	0.0047	0.0003	0.0031									
147	6	10	0.899	-0.56	-0.00	0.8695	3.3803	-0.0176	-0.0021	-0.0082	0.5996	2.3384		
		11	0.0162	0.0028	0.0077	0.4129	3.3516	-0.0137	-0.0030	-0.0056	1.0903	2.0550		
		12	0.0048	0.0004	0.0032									
147	7	10	0.899	-0.01	-0.00	0.8582	2.3684	0.0087	0.0040	0.0045	2.3335	2.5979		
		11	0.0156	0.0026	0.0074	0.1624	4.3937	0.0126	0.0032	0.0068	1.2750	2.7141		
		12	0.0026	-0.0000	0.0023									
147	8	10	0.898	0.45	-0.00	0.8863	2.2874	0.0286	0.0087	0.0131	1.5269	2.2927		
		11	0.0157	0.0027	0.0072	0.0459	4.3886	0.0314	0.0076	0.0151	1.2145	2.4197		
		12	0.0031	0.0000	0.0027									
147	9	10	0.897	1.00	-0.00	0.8411	2.3873	0.0474	0.0128	0.0248	1.3532	2.3622		
		11	0.0134	0.0022	0.0064	0.1624	4.3937	0.0513	0.0121	0.0248	1.1876	2.4159		
		12	0.0026	-0.0000	0.0022									
147	10	10	0.897	2.06	-0.00	0.8652	3.3385	0.1036	0.0244	0.0495	1.1792	2.3893		
		11	0.0126	0.0022	0.0059	0.4129	3.3516	0.1019	0.0231	0.0489	1.1529	2.3974		
		12	0.0047	0.0003	0.0031									
147	11	10	0.897	3.08	-0.00	1.1721	2.4161	0.1502	0.0317	0.0721	1.0553	2.4003		
		11	0.0079	0.0018	0.0038	9.9073	26.8970	0.1441	0.0306	0.0699	1.0625	2.4274		
		12	-0.0001	-0.0002	0.0007									
147	12	10	0.896	4.13	-0.00	1.5081	2.8499	0.1990	0.0362	0.0973	0.9116	2.4447		
		11	0.0062	0.0018	0.0035	3.4949	12.1275	0.1920	0.0359	0.0943	0.9349	2.4553		
		12	0.0006	-0.0004	0.0015									
148	1	10	0.899	-4.11	-0.00	0.7913	2.4888	-0.2476	-0.0449	-0.1186	0.9085	2.3959		
		11	0.0170	0.0026	0.0084	0.7569	4.5009	-0.2368	-0.0451	-0.1135	0.9521	2.3971		
		12	0.0022	-0.0003	0.0020									
148	2	10	0.899	-2.10	-0.00	0.8471	3.4711	-0.1086	-0.0214	-0.0507	0.9862	2.3359		
		11	0.0175	0.0029	0.0086	0.3525	3.0703	-0.1011	-0.0222	-0.0472	0.9869	2.3364		
		12	0.0055	0.0003	0.0034									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

See Key

Run	Pt.	Cd																
148	3	10	0.900	-1.05	0.0032	-0.00	0.8839	2.4911	-0.0428	-0.0070	-0.0199	0.8172	2.3209					
		11	0.0183	0.0002	0.0035	0.0091	0.2407	3.3485	-0.0379	-0.0084	-0.0167	1.1207	2.2156					
		12	0.0053			0.0035												
148	4	10	0.898	-0.56	0.0034	-0.00	0.8826	3.3814	-0.0193	-0.0015	-0.0095	0.3967	2.4774					
		11	0.0197	0.0004	0.0041	0.0093	0.3639	3.0907	-0.0156	-0.0033	-0.0068	1.0626	2.1889					
		12	0.0067			0.0041												
148	5	10	0.899	-0.02	0.0034	-0.00	0.8975	3.3452	0.0111	0.0053	0.0053	2.3942	2.3768					
		11	0.0193	0.0002	0.0035	0.0090	0.2234	3.1390	0.0186	0.0045	0.0086	1.2171	2.3225					
		12	0.0056			0.0035												
148	6	10	0.899	0.47	0.0037	-0.00	0.9104	2.2528	0.0382	0.0113	0.0186	1.4891	2.4421					
		11	0.0205	0.0003	0.0037	0.0092	0.3027	2.9820	0.0487	0.0114	0.0222	1.1789	2.2856					
		12	0.0062			0.0037												
148	7	10	0.898	0.48	0.0030	-0.00	0.8681	2.2234	0.0371	0.0111	0.0180	1.5002	2.4297					
		11	0.0177	0.0006	0.0041	0.0078	0.4463	2.9948	0.0447	0.0105	0.0201	1.1785	2.2518					
		12	0.0069			0.0041												
148	8	10	0.901	1.00	0.0039	-0.00	0.9518	2.1327	0.0720	0.0192	0.0333	1.3342	2.3130					
		11	0.0208	0.0003	0.0033	0.0089	0.3084	2.7222	0.0769	0.0178	0.0359	1.1603	2.3350					
		12	0.0062			0.0033												
148	9	10	0.901	2.03	0.0033	-0.00	0.9682	2.1420	0.1381	0.0327	0.0656	1.1867	2.3744					
		11	0.0225	0.0003	0.0032	0.0096	0.3112	2.5932	0.1450	0.0315	0.0691	1.0857	2.3825					
		12	0.0062			0.0032												
148	10	10	0.901	3.10	0.0042	-0.00	0.9652	2.2320	0.2076	0.0441	0.1002	1.0618	2.4129					
		11	0.0219	0.0009	0.0042	0.0098	0.5312	2.5087	0.2146	0.0425	0.1027	0.9913	2.3943					
		12	0.0093			0.0042												
148	11	10	0.902	4.14	0.0005	-0.00	0.9536	2.2062	0.2784	0.0530	0.1359	0.9532	2.4404					
		11	0.0208	0.0005	0.0035	0.0091	0.3536	2.4837	0.2878	0.0521	0.1386	0.9054	2.4088					
		12	0.0071			0.0035												
149	1	10	0.900	-4.12	0.0030	-0.00	0.8097	2.4222	-0.2582	-0.0464	-0.1233	0.8985	2.3884					
		11	0.0190	0.0004	0.0016	0.0092	-1.3542	5.0369	-0.2433	-0.0457	-0.1170	0.9392	2.4047					
		12	0.0016			0.0016												
149	2	10	0.902	-2.10	0.0041	-0.00	0.9327	2.3568	-0.1137	-0.0225	-0.0533	0.9893	2.3469					
		11	0.0221	0.0000	0.0027	0.0104	0.0254	3.2866	-0.1028	-0.0226	-0.0479	1.1026	2.3338					
		12	0.0042			0.0027												

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
149	3	10	0.900	-1.07	-0.00	0.9269	2.3476	-0.0498	-0.0085	-0.0230	0.8601	2.3175						
		11	0.0216	0.0040	0.0101	0.4485	2.8785	-0.0420	-0.0093	-0.0186	1.1173	2.2207						
		12	0.0069	0.0006	0.0040													
149	4	10	0.903	-1.07	-0.00	0.9235	2.4369	-0.0451	-0.0075	-0.0211	0.8354	2.3359						
		11	0.0194	0.0035	0.0094	0.1473	3.2356	-0.0393	-0.0088	-0.0173	1.1295	2.2081						
		12	0.0047	0.0001	0.0030													
149	5	10	0.901	-0.56	-0.00	0.8956	2.2659	-0.0213	-0.0018	-0.0098	0.4447	2.3160						
		11	0.0192	0.0034	0.0087	0.0207	3.0329	-0.0144	-0.0030	-0.0062	1.0612	2.1426						
		12	0.0045	0.0000	0.0027													
149	6	10	0.899	-0.02	-0.00	0.9311	2.2876	0.0095	0.0049	0.0048	2.6194	2.5465						
		11	0.0221	0.0041	0.0101	0.4714	2.7464	0.0186	0.0045	0.0085	1.2175	2.2804						
		12	0.0078	0.0007	0.0043													
149	7	10	0.901	0.47	-0.00	0.9451	2.2541	0.0413	0.0124	0.0196	1.5086	2.3812						
		11	0.0217	0.0041	0.0098	0.6378	2.3912	0.0460	0.0109	0.0206	1.1932	2.2441						
		12	0.0106	0.0013	0.0050													
149	8	10	0.899	1.03	-0.00	0.8407	2.4126	0.0716	0.0181	0.0341	1.3414	2.3802						
		11	0.0159	0.0026	0.0076	0.2176	2.5526	0.0780	0.0181	0.0360	1.1595	2.3094						
		12	0.0060	0.0002	0.0030													
149	9	10	0.900	2.05	-0.00	0.9340	2.3034	0.1303	0.0312	0.0622	1.1875	2.3853						
		11	0.0206	0.0038	0.0095	0.5170	2.4659	0.1416	0.0308	0.0664	1.1891	2.3452						
		12	0.0084	0.0008	0.0041													
149	10	10	0.901	3.12	-0.00	0.8829	2.4491	0.2056	0.0437	0.0995	1.0632	2.4201						
		11	0.0181	0.0032	0.0089	0.4060	2.5088	0.2179	0.0428	0.1036	1.0632	2.3773						
		12	0.0076	0.0006	0.0038													
149	11	10	0.899	4.16	-0.00	0.8888	2.3573	0.2855	0.0539	0.1389	0.9451	2.4326						
		11	0.0172	0.0030	0.0081	-0.0052	2.5688	0.2943	0.0528	0.1410	0.8979	2.3951						
		12	0.0062	-0.0000	0.0032													
150	1	10	0.799	-4.06	0.00	0.9882	2.1553	-0.1645	-0.0310	-0.0795	0.9440	2.4172						
		11	0.0133	0.0026	0.0057	0.3634	1.4000	-0.1506	-0.0315	-0.0723	1.0483	2.4003						
		12	-0.0070	-0.0005	-0.0019													
150	2	10	0.800	-2.08	-0.00	0.9527	2.1092	-0.0784	-0.0153	-0.0365	0.9764	2.3310						
		11	0.0176	0.0033	0.0074	0.7007	3.4215	-0.0724	-0.0153	-0.0333	1.0612	2.3195						
		12	0.0036	0.0005	0.0024													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt. Cd ← See Key →

150	3	10 11 12	0.799 0.0157 0.0021	-1.05 0.0027 0.0000	-0.00 0.0068 0.0015	0.6710 0.2100	3.1822 3.7191	-0.0282 -0.0259	-0.0045 -0.0055	-0.0132 -0.0112	0.6004 1.0709	2.3512 2.1736
150	4	10 11 12	0.799 0.0165 0.0033	-0.56 0.0033 0.0000	-0.00 0.0080 0.0025	0.9125 0.0856	3.1606 3.7728	-0.0120 -0.0085	-0.0008 -0.0014	-0.0056 -0.0033	0.3652 0.8709	2.3492 1.9553
150	5	10 11 12	0.800 0.0167 0.0040	-0.03 0.0030 0.0005	-0.00 0.0070 0.0021	0.9134 0.6340	2.1173 2.6181	0.0099 0.0118	0.0040 0.0030	0.0043 0.0059	2.0633 1.2820	2.1799 2.1192
150	6	10 11 12	0.800 0.0165 0.0026	0.46 0.0030 -0.0000	-0.00 0.0066 0.0022	0.9109 -0.1611	2.0114 4.3487	0.0303 0.0337	0.0085 0.0079	0.0139 0.0158	1.4054 1.1687	2.2973 2.3424
150	7	10 11 12	0.800 0.0158 0.0008	1.03 0.0028 -0.0002	-0.00 0.0064 0.0015	0.9013 -1.2181	2.0382 9.5480	0.0543 0.0589	0.0137 0.0133	0.0254 0.0276	1.2668 1.1332	2.3402 2.3465
150	8	10 11 12	0.799 0.0141 0.0028	1.99 0.0026 0.0002	-0.00 0.0061 0.0019	0.9314 0.4095	2.1572 3.5207	0.0964 0.0967	0.0222 0.0212	0.0464 0.0460	1.1525 1.1005	2.4079 2.3799
150	9	10 11 12	0.799 0.0090 -0.0012	3.09 0.0023 -0.0004	-0.00 0.0042 0.0005	1.2746 1.9223	2.3596 -2.2161	0.1505 0.1419	0.0316 0.0301	0.0721 0.0683	1.0498 1.0622	2.3948 2.4082
150	10	10 11 12	0.799 0.0117 0.0052	4.10 0.0027 0.0007	-0.00 0.0056 0.0031	1.1719 0.7372	2.4054 3.0206	0.1969 0.1896	0.0373 0.0368	0.0956 0.0924	0.9480 0.9718	2.4284 2.4389
151	1	10 11 12	0.802 0.0205 0.0040	-4.09 0.0034 0.0000	-0.00 0.0097 0.0030	0.8284 0.0437	3.3792 3.7143	-0.2281 -0.2176	-0.0364 -0.0367	-0.1094 -0.1035	0.7982 0.8445	2.3984 2.3790
151	2	10 11 12	0.801 0.0188 0.0053	-2.12 0.0030 0.0003	-0.00 0.0087 0.0033	0.8204 0.2989	2.3135 3.1564	-0.1068 -0.0972	-0.0190 -0.0189	-0.0493 -0.0453	0.8928 0.9755	2.3078 2.3341
151	3	10 11 12	0.802 0.0204 0.0065	-1.06 0.0033 0.0005	-0.00 0.0095 0.0040	0.8274 0.4498	2.3361 3.0963	-0.0398 -0.0326	-0.0057 -0.0063	-0.0179 -0.0150	0.7231 0.9722	2.2534 2.3090

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →																	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
151	4	10	0.802	-0.55	0.0194	0.0047	-0.0001	0.0032	0.0001	-0.00	0.0090	0.0028	0.8325	0.1981	3.3267	-0.0201	-0.0016	-0.0096	0.4114	2.3077
		11	0.0194	0.0032	0.0047	0.0001	0.0032	0.0001	-0.00	0.0090	0.0028	0.8325	0.1981	3.3267	-0.0201	-0.0016	-0.0096	0.4114	0.8346	2.2826
		12	0.0047	0.0001	0.0032	0.0001	0.0032	0.0001	-0.00	0.0090	0.0028	0.8325	0.1981	3.3267	-0.0201	-0.0016	-0.0096	0.4114	0.8346	2.2826
151	5	10	0.800	-0.01	0.0194	0.0044	0.0000	0.0032	0.0000	-0.00	0.0090	0.0030	0.8325	0.0365	3.3762	0.0180	0.0061	0.0079	1.6881	2.2001
		11	0.0194	0.0032	0.0044	0.0000	0.0032	0.0000	-0.00	0.0090	0.0030	0.8325	0.0365	3.3762	0.0180	0.0061	0.0079	1.6881	1.0879	2.2020
		12	0.0044	0.0000	0.0032	0.0000	0.0032	0.0000	-0.00	0.0090	0.0030	0.8325	0.0365	3.3762	0.0180	0.0061	0.0079	1.6881	1.0879	2.2020
151	6	10	0.802	0.46	0.0211	0.0034	0.0000	0.0355	0.0000	-0.00	0.0097	0.0024	0.8373	-0.1394	3.3057	0.0343	0.0094	0.0156	1.3729	2.2705
		11	0.0211	0.0355	0.0034	0.0000	0.0355	0.0000	-0.00	0.0097	0.0024	0.8373	-0.1394	3.3057	0.0343	0.0094	0.0156	1.3729	1.0542	2.3402
		12	0.0034	0.0000	0.0355	0.0000	0.0355	0.0000	-0.00	0.0097	0.0024	0.8373	-0.1394	3.3057	0.0343	0.0094	0.0156	1.3729	1.0542	2.3402
151	7	10	0.802	1.01	0.0187	0.0076	0.0007	0.0030	0.0007	-0.00	0.0084	0.0037	0.8193	0.4860	2.2664	0.0667	0.0157	0.0317	1.1763	2.3730
		11	0.0187	0.0076	0.0007	0.0030	0.0007	0.0084	0.0037	-0.00	0.0084	0.0037	0.8193	0.4860	2.2664	0.0667	0.0157	0.0317	1.1763	1.0281
		12	0.0076	0.0007	0.0030	0.0007	0.0030	0.0007	0.0084	0.0037	-0.00	0.0084	0.0037	0.8193	0.4860	2.2664	0.0667	0.0157	0.0317	1.1763
151	8	10	0.802	2.04	0.0206	0.0051	0.0001	0.0355	0.0001	-0.00	0.0090	0.0030	0.8503	0.1752	2.9447	0.1243	0.0262	0.0592	1.0550	2.3037
		11	0.0206	0.0355	0.0051	0.0001	0.0355	0.0001	-0.00	0.0090	0.0030	0.8503	0.1752	2.9447	0.1243	0.0262	0.0592	1.0550	0.9701	2.3552
		12	0.0051	0.0001	0.0355	0.0001	0.0355	0.0001	-0.00	0.0090	0.0030	0.8503	0.1752	2.9447	0.1243	0.0262	0.0592	1.0550	0.9701	2.3552
151	9	10	0.802	3.08	0.0204	0.0108	0.0014	0.0333	0.0014	-0.00	0.0097	0.0049	0.8204	0.6662	2.3792	0.1970	0.0358	0.0949	0.9097	2.4105
		11	0.0204	0.0333	0.0108	0.0014	0.0333	0.0014	-0.00	0.0097	0.0049	0.8204	0.6662	2.3792	0.1970	0.0358	0.0949	0.9097	0.8872	2.3794
		12	0.0108	0.0014	0.0333	0.0014	0.0333	0.0014	-0.00	0.0097	0.0049	0.8204	0.6662	2.3792	0.1970	0.0358	0.0949	0.9097	0.8872	2.3794
151	10	10	0.799	4.12	0.0202	0.0070	0.0005	0.0032	0.0005	-0.00	0.0090	0.0039	0.7975	0.4242	2.2337	0.2588	0.0409	0.1260	0.7915	2.4348
		11	0.0202	0.0032	0.0070	0.0005	0.0032	0.0005	-0.00	0.0090	0.0039	0.7975	0.4242	2.2337	0.2588	0.0409	0.1260	0.7915	0.7755	2.4344
		12	0.0070	0.0005	0.0032	0.0005	0.0032	0.0005	-0.00	0.0090	0.0039	0.7975	0.4242	2.2337	0.2588	0.0409	0.1260	0.7915	0.7755	2.4344
152	1	10	0.802	-4.08	0.0216	0.0065	0.0005	0.0333	0.0005	-0.00	0.0104	0.0042	0.7836	0.4471	3.4093	-0.2333	-0.0369	-0.1116	0.7921	2.3915
		11	0.0216	0.0333	0.0065	0.0005	0.0333	0.0005	-0.00	0.0104	0.0042	0.7836	0.4471	3.4093	-0.2333	-0.0369	-0.1116	0.7921	0.8313	2.3888
		12	0.0065	0.0005	0.0333	0.0005	0.0333	0.0005	-0.00	0.0104	0.0042	0.7836	0.4471	3.4093	-0.2333	-0.0369	-0.1116	0.7921	0.8313	2.3888
152	2	10	0.803	-2.09	0.0182	0.0015	0.0005	0.0027	0.0005	-0.00	0.0088	0.0017	0.7623	-1.6720	2.4250	-0.1044	-0.0183	-0.0486	0.8001	2.3298
		11	0.0182	0.0027	0.0015	0.0005	0.0027	0.0005	-0.00	0.0088	0.0017	0.7623	-1.6720	2.4250	-0.1044	-0.0183	-0.0486	0.8001	0.9643	2.3672
		12	0.0015	0.0005	0.0027	0.0005	0.0027	0.0005	-0.00	0.0088	0.0017	0.7623	-1.6720	2.4250	-0.1044	-0.0183	-0.0486	0.8001	0.9643	2.3672
152	3	10	0.803	-1.06	0.0202	0.0051	0.0001	0.0332	0.0001	-0.00	0.0095	0.0026	0.8007	0.1839	2.3649	-0.0475	-0.0073	-0.0217	0.7674	2.2043
		11	0.0202	0.0332	0.0051	0.0001	0.0332	0.0001	-0.00	0.0095	0.0026	0.8007	0.1839	2.3649	-0.0475	-0.0073	-0.0217	0.7674	0.9579	2.2043
		12	0.0051	0.0001	0.0332	0.0001	0.0332	0.0001	-0.00	0.0095	0.0026	0.8007	0.1839	2.3649	-0.0475	-0.0073	-0.0217	0.7674	0.9579	2.2043
152	4	10	0.802	-0.55	0.0192	0.0057	0.0003	0.0355	0.0003	-0.00	0.0094	0.0032	0.8067	0.2788	2.4491	-0.0174	-0.0012	-0.0085	0.3565	2.4468
		11	0.0192	0.0355	0.0057	0.0003	0.0355	0.0003	-0.00	0.0094	0.0032	0.8067	0.2788	2.4491	-0.0174	-0.0012	-0.0085	0.3565	0.7783	2.5702
		12	0.0057	0.0003	0.0355	0.0003	0.0355	0.0003	-0.00	0.0094	0.0032	0.8067	0.2788	2.4491	-0.0174	-0.0012	-0.0085	0.3565	0.7783	2.5702

TABLE VIIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																		
152	5	10	0.802	-0.04	-0.00	0.8332	2.3552	0.0096	0.0044	0.0045	2.2922	2.3460								
		11	0.0222	0.0037	0.0104	0.1146	2.7392	0.0226	0.0049	0.0098	1.0883	2.1684								
		12	0.0038	-0.0000	0.0021	-0.1146														
152	6	10	0.802	0.47	-0.00	0.8263	2.2929	0.0355	0.0096	0.0166	1.3524	2.3411								
		11	0.0205	0.0033	0.0094	0.6038	2.6036	0.0433	0.0091	0.0193	1.0551	2.2287								
		12	0.0095	0.0011	0.0049	0.4242														
152	7	10	0.801	1.02	-0.00	0.8413	2.4729	0.0702	0.0163	0.0331	1.1663	2.3557								
		11	0.0211	0.0035	0.0104	0.4242	2.7837	0.0800	0.0163	0.0367	1.0226	2.2943								
		12	0.0070	0.0005	0.0038	0.7733														
152	8	10	0.803	2.02	-0.00	0.7733	2.2946	0.1250	0.0263	0.0594	1.0525	2.3785								
		11	0.0188	0.0029	0.0086	0.1882	2.4043	0.1361	0.0263	0.0636	0.5563	2.3365								
		12	0.0051	0.0001	0.0024	0.8075														
152	9	10	0.805	3.12	-0.00	0.8075	2.2993	0.1988	0.0359	0.0959	0.9051	2.4126								
		11	0.0180	0.0029	0.0082	0.5887	2.1732	0.2056	0.0362	0.0971	0.8822	2.3610								
		12	0.0109	0.0012	0.0047	0.6063														
152	10	10	0.803	4.12	-0.00	0.6063	2.2505	0.2625	0.0410	0.1271	0.7825	2.4211								
		11	0.0180	0.0029	0.0081	0.6088	2.3140	0.2685	0.0411	0.1283	0.7652	2.3894								
		12	0.0095	0.0011	0.0044	0.5972														
153	1	10	0.801	-0.03	-0.00	0.5972	2.8846	0.0071	0.0041	0.0039	2.9031	2.7823								
		11	0.0160	0.0019	0.0092	0.3280	1.8303	0.0222	0.0051	0.0091	1.1531	2.0596								
		12	0.0073	0.0004	0.0026	0.5855														
153	2	10	0.803	-4.11	-0.00	0.5855	2.9748	-0.2452	-0.0383	-0.1170	0.7822	2.3865								
		11	0.0164	0.0019	0.0097	0.6153	1.9321	-0.2325	-0.0379	-0.1123	0.8157	2.4144								
		12	0.0096	0.0011	0.0037	0.6764														
153	3	10	0.800	-2.09	-0.00	0.6764	2.6160	-0.1132	-0.0200	-0.0523	0.8845	2.3129								
		11	0.0197	0.0026	0.0103	0.4773	2.4403	-0.0976	-0.0187	-0.0471	0.9605	2.4143								
		12	0.0091	0.0008	0.0044	0.6374														
153	4	10	0.801	-1.05	-0.00	0.6374	2.7180	-0.0491	-0.0074	-0.0223	0.7582	2.2731								
		11	0.0173	0.0022	0.0094	0.4404	1.9781	-0.0360	-0.0066	-0.0180	0.9282	2.5097								
		12	0.0085	0.0007	0.0033	0.6161														
153	5	10	0.802	-0.56	-0.00	0.6161	2.7185	-0.0226	-0.0013	-0.0103	0.4253	2.2863								
		11	0.0166	0.0020	0.0090	0.4142	1.8914	-0.0099	-0.0013	-0.0057	0.7020	2.9150								
		12	0.0075	0.0006	0.0028															

See Key

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

← See Key →

Run	Pt.	Cd																		
153	6	10 11 12	0.0003 0.0192 0.0099A	-0.002 0.0026 0.0010	0.0102 0.0033 0.0000	0.6916 0.5310	2.6708 1.7150	0.0096 0.0234	0.0046 0.0053	0.0055 0.0094	2.4372 1.1501	2.0986 2.0226								
153	7	10 11 12	0.002 0.0195 0.0146	0.47 0.0028 0.0020	0.0104 0.0056 0.0000	0.7222 0.6849	2.6819 1.9410	0.0399 0.0484	0.0108 0.0105	0.0196 0.0208	1.3615 1.0885	2.4623 2.1539								
153	8	10 11 12	0.000 0.0176 0.0126	1.01 0.0023 0.0017	0.0044 0.0094 0.0000	0.6709 0.6943	2.6794 1.7593	0.0669 0.0794	0.0159 0.0165	0.0318 0.0357	1.1906 1.0400	2.3793 2.2492								
153	9	10 11 12	0.000 0.0169 0.0091	2.08 0.0022 0.0008	0.0089 0.0037 0.0000	0.6498 0.4851	2.6262 2.0368	0.1353 0.1465	0.0285 0.0287	0.0652 0.0679	1.0533 0.9806	2.4097 2.3198								
153	10	10 11 12	0.002 0.0164 0.0136	3.14 0.0021 0.0018	0.0083 0.0051 0.0000	0.6629 0.6887	2.5298 1.8905	0.2092 0.2183	0.0374 0.0389	0.1025 0.1026	0.8940 0.8929	2.4493 2.3510								
153	11	10 11 12	0.002 0.0162 0.0117	4.12 0.0020 0.0014	0.0040 0.0086 0.0000	0.6298 0.6239	2.6774 1.7391	0.2750 0.2838	0.0418 0.0427	0.1338 0.1350	0.7609 0.7539	2.4335 2.3792								
154	1	10 11 12	0.401 0.0137 0.0127	-4.04 0.0020 0.0021	0.0074 0.0063 0.0005	0.7378 0.85A2	2.7155 2.4A76	-0.1918 -0.1845	-0.0323 -0.0312	-0.0909 -0.0901	0.8442 0.8469	2.3696 2.4437								
154	2	10 11 12	0.400 0.0103 0.0034	-2.05 0.0015 0.0004	0.0063 0.0005 0.0000	0.7464 0.6653	3.0610 0.8500	-0.0613 -0.0729	-0.0135 -0.0124	-0.0358 -0.0346	0.8314 0.8567	2.2056 2.3788								
154	3	10 11 12	0.401 0.0095 0.0001	-1.03 0.0010 0.0000	0.0057 0.0017 0.0000	0.5483 1.7061	3.0206 -60.2049	-0.0270 -0.0228	-0.0029 -0.0028	-0.0152 -0.0124	0.5540 0.6179	2.8142 2.7257								
154	4	10 11 12	0.402 0.0107 0.0005	-0.55 0.0010 0.0004	0.0062 0.0028 0.0000	0.4830 3.5591	2.9200 25.3175	-0.0150 -0.0008	-0.0012 -0.0010	-0.0070 -0.0022	0.4082 -6.3720	3.3262 13.7119								
154	5	10 11	0.400 0.0117	-0.03 0.0015	0.0075 0.0000	0.6696	3.2076	0.0151	0.0036	0.0082	1.2153	2.7065								

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	0.0033	0.0004	0.0011	0.6489	1.7209	0.0274	0.0062	0.0108	1.1462	1.9741
154	6	10	0.402	0.44	0.00	0.5483	3.0206	0.0306	0.0068	0.0151	1.1131	2.4672
		11	0.0094	0.0010	0.0657	0.8320	1.0538	0.0390	0.0078	0.0169	1.0109	2.1739
		12	0.0054	0.0009	0.0011							
154	7	10	0.401	0.97	-0.00	0.7396	2.7847	0.0586	0.0118	0.0281	1.0082	2.3976
		11	0.0103	0.0015	0.0657	0.1839	-7.5822	0.0671	0.0136	0.0290	1.0204	2.1635
		12	0.0015	0.0000	-0.0022							
154	8	10	0.401	2.01	-0.00	0.6510	2.4715	0.1074	0.0208	0.0521	0.9702	2.4263
		11	0.0116	0.0015	0.0057	0.9127	0.7600	0.1179	0.0222	0.0541	0.9449	2.2947
		12	0.0076	0.0013	0.0011							
154	9	10	0.401	3.02	-0.00	0.7378	2.7155	0.1754	0.0320	0.0861	0.9119	2.4545
		11	0.0137	0.0020	0.0674	0.9439	1.8134	0.1818	0.0324	0.0871	0.8930	2.3974
		12	0.0095	0.0018	0.0034							
154	10	10	0.401	4.05	-0.00	0.6758	3.4516	0.2488	0.0415	0.1212	0.8355	2.4374
		11	0.0117	0.0015	0.0080	0.7772	2.0424	0.2513	0.0421	0.1202	0.8374	2.3911
		12	0.0141	0.0021	0.0057							
155	1	10	0.399	-4.01	-0.00	1.0677	1.9540	-0.1189	-0.0219	-0.0591	0.9214	2.4858
		11	0.0162	0.0034	0.0663	0.7307	-3.1484	-0.1199	-0.0248	-0.0555	1.0360	2.3139
		12	-0.0036	-0.0005	0.0023							
155	2	10	0.402	-2.04	-0.00	1.1558	1.6912	-0.0479	-0.0079	-0.0249	0.8329	2.6001
		11	0.0167	0.0038	0.0656	0.9171	0.3760	-0.0552	-0.0108	-0.0252	0.9788	2.2835
		12	-0.0075	-0.0013	-0.0005							
155	3	10	0.400	-1.04	-0.00	1.1735	2.4802	-0.0185	-0.0016	-0.0094	0.4533	2.5455
		11	0.0128	0.0030	0.0663	0.8467	0.0015	-0.0249	-0.0039	-0.0091	0.7863	1.8308
		12	-0.0056	-0.0009	-0.0000							
155	4	10	0.403	-0.55	-0.00	1.1634	2.0302	-0.0018	0.0019	-0.0034	-5.4265	9.4841
		11	0.0125	0.0029	0.0650	0.6714	0.4196	-0.0078	-0.0008	-0.0022	0.5242	1.4249
		12	-0.0067	-0.0009	-0.0005							
155	5	10	0.402	-0.03	-0.00	1.4081	3.5882	0.0183	0.0056	0.0094	1.5323	2.5596
		11	0.0072	0.0020	0.0052	2.8597	-6.3558	0.0082	0.0026	0.0068	1.6180	4.1471
		12	-0.0009	-0.0005	0.0011							
155	6	10	0.402	0.45	-0.00							

See Key

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																																			
155	7	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12													
		0.0106	0.0008	0.0025	0.0005	-0.0011	1.1786	2.7044	0.0305	0.0083	0.0157	1.3638	2.5813	0.402	0.0092	0.0024	0.0051	0.7920	3.8278	0.0491	0.0118	0.0255	1.2063	2.5975	-0.0052	-0.0008	-0.0039	1.3428	3.8278	0.0383	0.0091	0.0225	1.1969	2.9438			
		0.403	0.0083	0.0019	0.0009	0.0011	1.1936	3.3736	0.0806	0.0188	0.0394	1.1687	2.4460	0.403	0.0083	0.0019	0.0056	1.9308	-3.3608	0.0704	0.0164	0.0367	1.1674	2.6054	0.403	0.0083	0.0019	0.0000	1.1936	3.3736	0.0806	0.0188	0.0394	1.1687	2.4460		
155	9	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
		0.397	0.0033	0.0020	0.0018	-0.0035	3.0595	4.3943	0.1103	0.0248	0.0551	1.1274	2.5008	0.397	0.0033	0.0020	0.0029	0.9425	1.8033	0.0967	0.0221	0.0507	1.1274	2.5008	0.397	0.0033	0.0020	-0.0000	3.0595	4.3943	0.1103	0.0248	0.0551	1.1274	2.5008		
155	10	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
		0.400	0.0080	0.0025	0.0004	-0.0028	1.5678	3.2284	0.1525	0.0324	0.0744	1.0627	2.4390	0.400	0.0080	0.0025	0.0052	1.5591	25.3175	0.1349	0.0295	0.0695	1.0627	2.4390	0.400	0.0080	0.0025	-0.0000	1.5678	3.2284	0.1525	0.0324	0.0744	1.0627	2.4390		
155	11	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
		0.027	0.1939	0.4010	0.1087	-0.3500	1.6794	1.9600	0.1310	0.0935	0.0021	3.5713	22.6919	0.027	0.1939	0.4010	0.4680	1.6193	-9.0709	-0.9977	0.2103	0.5946	-1.0542	22.6919	0.027	0.1939	0.4010	-0.0000	1.6794	1.9600	0.1310	0.0935	0.0021	3.5713	22.6919		
157	3	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
		1.251	0.0054	0.0035	0.0035	-0.0261	0.4636	2.5932	-0.1827	-0.0458	0.0942	0.8822	2.9018	1.251	0.0054	0.0035	0.0628	0.4636	2.5932	-0.1827	-0.0458	0.0942	0.8822	2.9018	1.251	0.0054	0.0035	-0.0000	0.4636	2.5932	-0.1827	-0.0458	0.0942	0.8822	2.9018		
157	4	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
		1.252	0.0062	-0.0078	-0.0025	-0.0015	-0.2182	2.4456	-0.0769	-0.0176	-0.0399	1.1437	2.5930	1.252	0.0062	-0.0078	-0.0030	1.6092	1.0166	-0.0733	-0.0208	-0.0381	1.4225	2.6018	1.252	0.0062	-0.0078	-0.0000	-0.2182	2.4456	-0.0769	-0.0176	-0.0399	1.1437	2.5930		
157	5	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
		1.251	0.0045	-0.0014	-0.0035	0.0007	0.6479	2.3482	-0.0311	-0.0108	-0.0132	1.0683	2.5569	1.251	0.0045	-0.0014	0.0021	11.9282	-2.6265	-0.0259	-0.0108	-0.0132	1.0683	2.5569	1.251	0.0045	-0.0014	-0.0000	0.6479	2.3482	-0.0311	-0.0108	-0.0132	1.0683	2.5569		
157	6	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
		1.252	0.0044	-0.0066	-0.0037	-0.0013	0.2388	2.6648	-0.0101	-0.0038	-0.0057	1.0592	2.7786	1.252	0.0044	-0.0066	-0.0023	2.7974	1.0082	-0.0103	-0.0038	-0.0057	1.0592	2.7786	1.252	0.0044	-0.0066	-0.0000	0.2388	2.6648	-0.0101	-0.0038	-0.0057	1.0592	2.7786		
157	7	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
		1.252	0.0033	-0.0065	-0.0028	-0.0016	1.1748	2.5363	0.0109	0.0045	0.0024	2.0633	2.1799	1.252	0.0033	-0.0065	-0.0016	1.1748	2.5363	0.0109	0.0045	0.0024	2.0633	2.1799	1.252	0.0033	-0.0065	-0.0000	1.1748	2.5363	0.0109	0.0045	0.0024	2.0633	2.1799		

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →															
157	8	10	1.252	0.47	-0.00	0.3070	2.2050	0.0306	0.0070	0.0147	1.2873	2.4059						
		11	0.0047	0.0002	0.0021	0.6353	1.3403	0.0198	0.0076	0.0097	1.9164	2.4468						
		12	-0.0057	-0.0030	-0.0015													
157	9	10	1.252	0.98	-0.00	3.2085	4.0379	0.0625	0.0132	0.0305	1.0562	2.4405						
		11	0.0012	0.0003	0.0010	3.1894	1.3838	0.0493	0.0128	0.0245	1.2987	2.4035						
		12	-0.0052	-0.0033	-0.0014													
157	10	10	1.252	2.04	-0.00	-1.4456	-1.651A	0.1121	0.0230	0.0561	1.0264	2.5019						
		11	0.0010	0.0002	0.0003	-2.9230	1.8103	0.0931	0.0240	0.0474	1.2912	2.5479						
		12	-0.0061	-0.0035	-0.0022													
157	11	10	1.251	3.08	-0.00	-1.7678	2.7785	0.1492	0.0323	0.0763	1.0832	2.5587						
		11	0.0024	0.0008	0.0013	-2.7230	1.9639	0.1232	0.0353	0.0639	1.4343	2.5936						
		12	-0.0071	-0.0039	-0.0028													
157	12	10	1.250	4.10	-0.01	-0.3470	2.0573	0.2215	0.0348	0.1125	0.7857	2.5398						
		11	0.0631	0.0043	-0.0023	3.0587	2.2213	0.1139	0.0476	0.0621	2.0902	2.7260						
		12	-0.0053	-0.0032	-0.0023													
158	1	10	1.253	-4.12	-0.00	-0.2597	2.7200	-0.2473	-0.0134	-0.1183	0.2719	2.3932						
		11	0.0068	-0.0003	0.0037	11.0886	-2.6703	-0.2368	-0.0170	-0.1170	0.3605	2.4705						
		12	-0.0012	-0.0028	0.0006													
158	2	10	1.253	-2.10	-0.00	-0.4572	2.8157	-0.1155	-0.0056	-0.0546	0.2444	2.3652						
		11	0.0060	-0.0005	0.0034	6.1277	1.3280	-0.1155	-0.0057	-0.0556	0.2466	2.4070						
		12	-0.0025	-0.0031	-0.0006													
158	3	10	1.253	-1.06	-0.00	-0.8396	2.4390	-0.0441	-0.0021	-0.0210	0.2395	2.3780						
		11	0.0062	-0.0010	0.0030	2.6603	1.6541	-0.047A	-0.0025	-0.0232	0.2624	2.4297						
		12	-0.0061	-0.0032	-0.0020													
158	4	10	1.253	-0.54	-0.00	-0.9533	2.5073	-0.0208	-0.0002	-0.0103	0.0592	2.4741						
		11	0.0045	-0.0008	0.0022	3.3816	1.6743	-0.0236	-0.0013	-0.0124	0.2815	2.6386						
		12	-0.0047	-0.0032	-0.0015													
158	5	10	1.253	-0.04	-0.00	-0.9668	2.3641	0.0138	0.0018	0.0060	0.6530	2.1706						
		11	0.0064	-0.0012	0.0030	3.2092	1.8199	0.0088	0.0003	0.0031	0.1715	2.1785						
		12	-0.0050	-0.0032	-0.0018													
158	6	10	1.253	0.50	-0.00	-0.9368	2.3529	0.0473	0.0036	0.0208	0.3877	2.2041						
		11	0.0077	-0.0014	0.0036	3.4230	1.8607	0.0411	0.0026	0.0179	0.3214	2.1727						
		12	-0.0042	-0.0029	-0.0015													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →															
158	7	10	1.253	1.02	-0.00	-1.6591	2.6729	0.0833	0.0053	0.0380	0.3224	2.2810						
		11	0.0055	-0.0018	0.0022	-2.7626	2.0958	0.0753	0.0044	0.0335	0.2964	2.2279						
		12	-0.0054	-0.0030	-0.0022													
158	8	10	1.252	2.08	-0.00	-1.4260	2.6647	0.1501	0.0084	0.0702	0.2822	2.3387						
		11	0.0080	-0.0023	0.0043	-3.8682	2.0341	0.1452	0.0079	0.0668	0.2727	2.3021						
		12	-0.0039	-0.0030	-0.0015													
158	9	10	1.250	3.11	-0.00	-2.6790	2.9490	0.2173	0.0180	0.1026	0.2779	2.3613						
		11	0.0057	-0.0030	0.0033	-4.1655	2.2391	0.2099	0.0131	0.0980	0.3134	2.3348						
		12	-0.0043	-0.0035	-0.0019													
158	10	10	1.250	4.17	-0.00	-3.3244	3.3355	0.2799	0.0162	0.1342	0.2910	2.3979						
		11	0.0048	-0.0032	0.0032	-12.2608	2.4292	0.2672	0.0195	0.1280	0.3650	2.3960						
		12	-0.0016	-0.0039	-0.0007													
159	1	10	1.250	-4.13	-0.00	-0.4381	2.7899	-0.2526	-0.0118	-0.1193	0.2349	2.3615						
		11	0.0062	-0.0005	0.0034	12.9650	-1.4111	-0.2510	-0.0115	-0.1212	0.2283	2.4069						
		12	-0.0011	-0.0030	0.0003													
159	2	10	1.252	-2.11	-0.00	-1.2589	2.8808	-0.1148	-0.0056	-0.0538	0.2468	2.3464						
		11	0.0048	-0.0012	0.0027	-9.5198	1.0021	-0.1194	-0.0054	-0.0575	0.2263	2.4080						
		12	-0.0016	-0.0032	-0.0003													
159	3	10	1.253	-1.06	-0.00	-0.7103	2.3320	-0.0461	-0.0022	-0.0220	0.2427	2.3831						
		11	0.0059	-0.0008	0.0027	3.2092	1.8199	-0.0489	-0.0024	-0.0240	0.2461	2.4588						
		12	-0.0049	-0.0031	-0.0017													
159	4	10	1.252	-0.55	-0.00	-1.2146	2.5598	-0.0204	-0.0007	-0.0095	0.1792	2.3307						
		11	0.0054	-0.0013	0.0027	-4.0943	1.9353	-0.0204	-0.0010	-0.0108	0.2689	2.6611						
		12	-0.0037	-0.0030	-0.0014													
159	5	10	1.251	-0.03	-0.00	-1.6134	2.4946	0.0153	0.0015	0.0066	0.5088	2.1551						
		11	0.0064	-0.0020	0.0032	-3.9120	1.7288	0.0131	0.0006	0.0045	0.2612	1.7258						
		12	-0.0045	-0.0035	-0.0015													
159	6	10	1.251	0.49	-0.00	-1.7000	2.7559	0.0463	0.0034	0.0205	0.3699	2.2190						
		11	0.0066	-0.0022	0.0036	-5.8663	2.4046	0.0426	0.0025	0.0177	0.3033	2.0825						
		12	-0.0028	-0.0032	-0.0013													
159	7	10	1.252	1.00	-0.00	-1.6541	2.7120	0.0782	0.0047	0.0357	0.3058	2.2855						
		11	0.0065	-0.0021	0.0035	-3.9210	1.9832	0.0774	0.0044	0.0339	0.2868	2.1948						
		12	-0.0045	-0.0035	-0.0017													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																	
159	8	10	1.252	2.08	-0.00	-2.2004	2.5743	0.1493	0.0077	0.0698	0.2595	2.3371								
		11	0.0065	-0.0028	0.0033	3.6734	2.1842	0.1473	0.0073	0.0669	0.2496	2.2714								
		12	-0.0038	-0.0029	-0.0016															
159	9	10	1.252	3.13	-0.00	-2.0612	2.9820	0.2221	0.0111	0.1041	0.2518	2.3443								
		11	0.0071	-0.0029	0.0042	8.6962	2.2292	0.2189	0.0108	0.1004	0.2473	2.2939								
		12	-0.0020	-0.0035	-0.0009															
159	10	10	1.251	4.17	-0.00	-5.1871	4.2775	0.2854	0.0132	0.1353	0.2318	2.3699								
		11	0.0036	-0.0038	0.0031	36.8682	2.9327	0.2783	0.0128	0.1292	0.2306	2.3222								
		12	-0.0005	-0.0042	-0.0003															
160	1	10	1.250	-4.11	-0.00	-2.1303	4.2786	-0.2535	-0.0108	-0.1193	0.2144	2.3546								
		11	0.0032	-0.0013	0.0028	-6.4316	1.3665	-0.2482	-0.0092	-0.1210	0.1856	2.4385								
		12	0.0024	-0.0032	0.0006															
160	2	10	1.251	-2.12	-0.00	-5.4704	6.2050	-0.1174	-0.0045	-0.0554	0.1945	2.3590								
		11	0.0017	-0.0018	0.0021	-15.6444	-4.5609	-0.1175	-0.0034	-0.0583	0.1483	2.4806								
		12	0.0009	-0.0030	-0.0008															
160	3	10	1.252	-1.07	-0.00	-19.4977	16.4928	-0.0470	-0.0021	-0.0220	0.2267	2.3395								
		11	0.0005	-0.0022	0.0019	46.2425	14.5393	-0.0483	-0.0013	-0.0251	0.1390	2.6010								
		12	-0.0003	-0.0032	-0.0010															
160	4	10	1.252	-0.54	-0.00	7.9488	65.5321	-0.0174	-0.0009	-0.0080	0.2780	3.2956								
		11	0.0001	-0.0025	0.0017															
		12	-0.0016	-0.0026	-0.0021															
160	5	10	1.252	-0.02	-0.00	-4.4283	4.5474	0.0147	0.0007	0.0066	0.2390	2.3500								
		11	0.0031	-0.0028	0.0029	-24.6183	-13.9906	0.0137	0.0011	0.0037	0.4301	1.3705								
		12	0.0005	-0.0025	-0.0014															
160	6	10	1.252	0.51	-0.00	-3.9964	4.5648	0.0459	0.0018	0.0215	0.2038	2.3438								
		11	0.0030	-0.0024	0.0027	10.8411	7.9876	0.0465	0.0025	0.0188	0.2694	2.0234								
		12	-0.0013	-0.0028	-0.0021															
160	7	10	1.252	0.99	-0.00	-17.8926	12.6081	0.0759	0.0029	0.0357	0.1960	2.3521								
		11	0.0008	-0.0030	0.0021	-2.5968	4.0534	0.0765	0.0038	0.0325	0.2488	2.1292								
		12	-0.0046	-0.0024	-0.0038															
160	8	10	1.252	2.09	-0.00	-7.3050	6.3865	0.1518	0.0060	0.0716	0.1989	2.3574								
		11	0.0024	-0.0035	0.0031	11.1031	9.9437	0.1501	0.0065	0.0670	0.2177	2.2326								
		12	-0.0012	-0.0028	-0.0025															

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key									
160	9	10	1.251	3.14	-0.00	0.3442	104.7234	0.2198	0.0088	0.1045	0.2016	2.3787
		11	0.0001	-0.0045	0.0021	0.6145	0.0027	0.2183	0.0096	0.0994	0.2215	2.2766
		12	-0.0021	-0.0035	-0.0021							
160	10	10	1.251	4.16	-0.00	0.7575	36.6077	0.2810	0.0115	0.1345	0.2045	2.3938
		11	0.0003	-0.0050	0.0024	-74.7575	-5.2924	0.2795	0.0122	0.1285	0.2198	2.2993
		12	0.0013	-0.0036	-0.0014	-13.2091						
161	3	10	1.101	-4.11	-0.00	-1.9894	3.6521	-0.2712	-0.0238	-0.1280	0.4403	2.3607
		11	0.0072	-0.0028	0.0028	3.6526	4.4724	-0.2614	-0.0239	-0.1262	0.4575	2.4150
		12	-0.0031	-0.0023	-0.0028							
161	4	10	1.102	-2.12	-0.00	-9.6263	8.9281	-0.1284	-0.0150	-0.0592	0.5847	2.3057
		11	0.0019	-0.0037	0.0034	1.8891	3.3088	-0.1235	-0.0165	-0.0590	0.6683	2.3905
		12	-0.0065	-0.0024	-0.0043							
161	5	10	1.100	-1.05	-0.00	-5.7286	6.8602	-0.0499	-0.0049	-0.0226	0.4945	2.2671
		11	0.0027	-0.0031	0.0037	5.2582	4.8416	-0.0472	-0.0069	-0.0231	0.7388	2.4476
		12	-0.0024	-0.0025	-0.0023							
161	6	10	1.102	-0.56	-0.00	-12.0469	11.0283	-0.0280	-0.0034	-0.0119	0.2433	2.1236
		11	0.0012	-0.0031	0.0028	2.4769	3.7244	-0.0206	-0.0034	-0.0110	0.8446	2.6700
		12	-0.0056	-0.0028	-0.0042							
161	7	10	1.103	-0.03	-0.00	-14.4967	11.6904	0.0050	0.0039	0.0030	3.9470	3.0165
		11	0.0011	-0.0032	0.0026	3.1012	4.1846	0.0123	0.0011	0.0041	0.4566	1.6897
		12	-0.0050	-0.0031	-0.0042							
161	8	10	1.099	0.48	-0.00	-5.8131	6.9629	0.0343	0.0079	0.0167	1.1614	2.4424
		11	0.0025	-0.0029	0.0034	-9.3055	6.0917	0.0425	0.0059	0.0179	0.7014	2.1045
		12	-0.0018	-0.0034	-0.0022							
161	9	10	1.103	1.02	-0.00	-5.1758	6.6211	0.0729	0.0138	0.0345	0.9485	2.3687
		11	0.0030	-0.0031	0.0040	-37.0218	-12.8933	0.0797	0.0104	0.0352	0.6532	2.2081
		12	0.0005	-0.0039	-0.0013							
161	10	10	1.100	2.06	-0.00	-3.6630	5.5438	0.1431	0.0222	0.0673	0.7767	2.3523
		11	0.0038	-0.0028	0.0042	12.8135	6.8940	0.1513	0.0191	0.0684	0.6320	2.2607
		12	-0.0016	-0.0041	-0.0022							
161	11	10	1.101	3.12	-0.00	-5.7403	7.3711	0.2138	0.0241	0.1019	0.6133	2.3851
		11	0.0026	-0.0030	0.0038	27.9371	13.8857	0.2236	0.0241	0.1029	0.5390	2.3021
		12	-0.0006	-0.0037	-0.0018							

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key											
161	12	1.100	4.13	-0.00	-12.5126	13.4785	0.2870	0.0272	0.1378	0.4748	2.4020		
	11	0.0012	-0.0030	0.0032	52.8105	31.5593	0.2959	0.0258	0.1383	0.4366	2.3372		
	12	-0.0003	-0.0037	-0.0022									
161	13	1.101	-0.002	-0.00	-6.3089	9.3010	0.0041	0.0035	0.0020	4.3391	2.4626		
	11	0.0018	-0.0031	0.0035	4.2757	4.1896	0.0094	0.0008	0.0027	0.4695	1.4354		
	12	-0.0037	-0.0031	-0.0031									
162	1	1.002	-4.11	-0.00	0.8293	3.2235	-0.3086	-0.0289	-0.1468	0.4684	2.3787		
	11	0.0168	0.0027	0.0108	0.6002	1.5138	-0.2971	-0.0277	-0.1435	0.4661	2.4160		
	12	0.0085	0.0010	0.0025									
162	2	1.002	-2.12	-0.00	0.4346	2.9495	-0.1513	-0.0151	-0.0703	0.5000	2.3243		
	11	0.0186	0.0016	0.0109	0.1979	1.6475	-0.1406	-0.0161	-0.0673	0.5738	2.3947		
	12	0.0103	0.0004	0.0034									
162	3	1.002	-1.07	-0.00	0.3943	2.9182	-0.0628	-0.0044	-0.0288	0.3557	2.2965		
	11	0.0191	0.0015	0.0111	-0.1276	1.9424	-0.0547	-0.0069	-0.0271	0.6388	2.4764		
	12	0.0161	-0.0004	0.0062									
162	4	1.002	-0.56	-0.00	0.3364	2.8651	-0.0349	-0.0008	-0.0157	0.1206	2.2470		
	11	0.0169	0.0011	0.0098	-0.2062	1.9320	-0.0265	-0.0037	-0.0137	0.7044	2.5826		
	12	0.0151	-0.0006	0.0058									
162	5	1.002	-0.03	-0.00	0.4181	2.8200	0.0090	0.0053	0.0041	2.9596	2.2997		
	11	0.0193	0.0016	0.0109	-0.0527	1.8128	0.0177	0.0011	0.0066	0.3203	1.8618		
	12	0.0166	-0.0001	0.0060									
162	6	1.001	0.48	-0.00	0.6401	2.7650	0.0492	0.0106	0.0234	1.0831	2.3777		
	11	0.0180	0.0023	0.0100	0.0834	1.8060	0.0531	0.0052	0.0230	0.4897	2.1642		
	12	0.0171	0.0002	0.0061									
162	7	1.001	1.02	-0.00	0.6522	2.8135	0.0918	0.0159	0.0428	0.8663	2.3366		
	11	0.0177	0.0023	0.0100	0.2355	1.8865	0.0960	0.0103	0.0428	0.5410	2.2290		
	12	0.0160	0.0008	0.0067									
162	8	1.002	2.07	-0.00	0.6256	3.0229	0.1662	0.0229	0.0801	0.6894	2.4098		
	11	0.0167	0.0021	0.0101	0.4611	1.7849	0.1743	0.0190	0.0798	0.5453	2.2909		
	12	0.0192	0.0017	0.0068									
162	9	1.001	3.09	-0.00	0.5818	2.9274	0.2539	0.0305	0.1212	0.6013	2.3872		
	11	0.0180	0.0020	0.0105	0.5292	1.8078	0.2616	0.0267	0.1212	0.5111	2.3169		
	12	0.0170	0.0018	0.0061									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt. Cd See Key

162	10	10	1.003	4.12	-0.00	0.4540	3.1091	0.3328	0.0341	0.1607	0.5122	2.4137
		11	0.0167	0.0015	0.0104	0.4953	1.7460	0.3410	0.0315	0.1598	0.4621	2.3437
		12	0.0160	0.0015	0.0056							
162	11	10	0.999	-0.02	-0.00	0.4559	2.8143	0.0092	0.0051	0.0048	2.7638	2.6250
		11	0.0204	0.0018	0.0115	0.0154	1.7400	0.0199	0.0010	0.0078	0.2725	1.9731
		12	0.0173	0.0000	0.0060							
163	3	10	1.098	-4.07	0.00	0.5601	2.3050	-0.0526	-0.0210	-0.0311	3.0005	3.9551
		11	0.0095	0.0010	0.0044	1.1767	1.9899	-0.0305	-0.0199	-0.0206	3.2572	3.3872
		12	-0.0169	-0.0039	-0.0067							
163	4	10	1.100	-2.11	-0.00	0.7613	2.1143	-0.0164	-0.0106	-0.0106	3.2410	3.2380
		11	0.0103	0.0015	0.0043	1.2387	1.8085	-0.0054	-0.0113	-0.0056	10.3047	5.1580
		12	-0.0070	-0.0017	-0.0025							
163	5	10	1.102	-1.06	-0.00	0.5353	2.5198	-0.0076	-0.0035	-0.0044	5.3004	3.9157
		11	0.0060	0.0006	0.0030	3.7086	3.1467	-0.0045	-0.0051	-0.0029	5.6345	3.2820
		12	-0.0013	-0.0009	-0.0008							
163	6	10	1.100	-0.56	-0.00	0.6588	2.3687	-0.0030	-0.0003	-0.0024	0.5957	4.0696
		11	0.0055	0.0007	0.0026	1.5582	1.9415	-0.0029	-0.0024	-0.0015	4.1624	2.5806
		12	-0.0034	-0.0010	-0.0013							
163	7	10	1.103	0.00	-0.00	1.0880	2.8389	0.0024	0.0033	0.0010	7.0416	2.1037
		11	0.0035	0.0007	0.0019	2.2521	-0.5294	-0.0022	0.0005	0.0001	-1.2316	-0.2857
		12	-0.0011	-0.0005	0.0001							
163	8	10	1.102	0.45	-0.00	0.5327	2.4192	0.0032	0.0054	0.0021	8.3983	3.2788
		11	0.0010	0.0001	0.0004	3.0541	2.0130	-0.0015	0.0028	0.0002	-9.4462	-0.8236
		12	-0.0018	-0.0011	-0.0007							
163	9	10	1.101	0.98	-0.00	1.1816	2.6950	0.0122	0.0099	0.0066	4.0588	2.7078
		11	0.0013	0.0003	0.0007	1.7764	2.1943	0.0045	0.0070	0.0040	7.7160	4.3828
		12	-0.0033	-0.0011	-0.0014							
163	10	10	1.101	2.03	-0.00	0.6310	1.9472	0.0274	0.0179	0.0156	3.2661	2.8588
		11	0.0044	-0.0010	-0.0032	1.8282	1.9989	0.0069	0.0138	0.0075	9.8772	5.3769
		12	-0.0048	-0.0017	-0.0019							
163	11	10	1.099	3.08	-0.00	1.0129	2.0786	0.0607	0.0262	0.0326	7.1622	2.6855
		11	0.0354	-0.0071	-0.0147	1.5857	1.9628	0.0116	0.0168	0.0116	7.2081	4.9680
		12	-0.0053	-0.0029	-0.0036							

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																			
163	12	1.098	4.12	-0.0199	1.0922	2.1734	0.1002	0.0339	0.0529	1.6918	3.6393	0.0458	-0.0100	-0.0042	1.7979	1.8400	0.0429	0.0235	0.0275	2.7430	3.2074
164	1	1.001	-4.05	0.0042	1.1650	2.0978	-0.1166	-0.0287	-0.0581	1.2314	2.4932	0.0101	0.0023	-0.0164	0.4725	2.0848	-0.0665	-0.0255	-0.0367	1.9219	2.7643
164	2	0.998	-2.09	-0.0000	1.1133	2.1366	-0.0470	-0.0143	-0.0239	1.5252	2.5487	0.0137	0.0030	-0.0002	-1.0600	1.1667	-0.0385	-0.0144	-0.0202	1.8706	2.6275
164	3	0.999	-1.06	-0.0000	1.1641	2.0596	-0.0191	-0.0049	-0.0095	1.2850	2.4927	0.0115	0.0026	0.0009	7.2996	6.8443	-0.0167	-0.0060	-0.0081	1.8130	2.4385
164	4	1.000	-0.55	0.0000	1.1369	2.1440	-0.0074	-0.0008	-0.0043	0.5396	2.9650	0.0122	0.0027	0.0003	1.1369	2.1440	-0.0066	-0.0023	-0.0030	1.7827	2.2982
164	5	1.001	-0.05	-0.0000	1.2411	3.0919	0.0056	0.0034	0.0020	3.0525	8.9428	0.0092	0.0022	0.0010	1.0860	3.8470	0.0005	0.0008	0.0009	8.5039	1.7939
164	6	1.001	0.46	-0.0000	1.5533	2.5163	0.0124	0.0058	0.0054	2.3607	2.2136	0.0057	0.0017	0.0001	0.5948	4.983A	0.0102	0.0047	0.0052	2.2978	2.5416
164	7	1.002	0.98	-0.0000	2.0597	2.1203	0.0285	0.0106	0.0131	1.8551	2.2984	0.0048	0.0020	0.0011	2.1003	2.2499	0.0215	0.0087	0.0110	2.0289	2.5610
164	8	1.000	2.03	-0.0000	1.3567	2.0647	0.0580	0.0199	0.0287	1.7209	2.4767	0.0056	0.0015	0.0005	1.1037	1.8635	0.0484	0.0180	0.0249	1.8571	2.5777
164	9	0.997	3.04	-0.0000	0.1454	2.2214	0.0987	0.0279	0.0482	1.4136	2.4434	-0.0146	-0.0004	-0.0006	0.5304	1.7961	0.0597	0.0239	0.0322	1.0081	2.7036
164	10	0.998	4.12	-0.0000	0.5120	2.1304	0.1540	0.0324	0.0761	1.0526	2.4725	-0.0561	-0.0057	-0.0021	0.8163	2.1300	0.0781	0.0275	0.0425	1.7600	2.7196

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
165	1	10 11 12	1.000 0.0162 -0.0061	-4.10 0.0038 0.0003	-0.00 0.0074 -0.0023	1.1694 -0.2698	2.2964 1.9371	-0.2115 -0.1913	-0.0434 -0.0432	-0.1031 -0.0946	1.0281 1.1294	2.4369 2.4721						
165	2	10 11 12	0.999 0.0174 0.0039	-2.11 0.0037 0.0007	-0.00 0.0074 0.0017	1.0852 0.9196	2.1365 2.2169	-0.0947 -0.0916	-0.0222 -0.0238	-0.0452 -0.0441	1.1748 1.3014	2.3849 2.4080						
165	3	10 11 12	1.002 0.0198 0.0053	-1.03 0.0043 0.0008	-0.00 0.0083 0.0029	1.0944 0.8343	2.1066 2.7141	-0.0390 -0.0361	-0.0081 -0.0100	-0.0187 -0.0167	1.0427 1.3884	2.3962 2.3247						
165	4	10 11 12	1.000 0.0200 0.0080	-0.57 0.0044 0.0016	-0.00 0.0089 0.0046	1.1152 1.0072	2.2193 2.8836	-0.0177 -0.0157	-0.0023 -0.0043	-0.0085 -0.0072	0.6576 1.4008	2.4071 2.3008						
165	5	10 11 12	1.000 0.0191 0.0071	-0.03 0.0041 0.0012	-0.00 0.0084 0.0037	1.0910 0.8895	2.2029 2.6377	0.0065 0.0081	0.0041 0.0022	0.0023 0.0035	3.2018 1.4010	1.8342 2.1750						
165	6	10 11 12	0.997 0.0205 0.0065	0.46 0.0044 0.0009	-0.00 0.0084 0.0034	1.0748 0.7029	2.0592 2.6511	0.0298 0.0335	0.0103 0.0092	0.0135 0.0152	1.7315 1.3819	2.2704 2.2692						
165	7	10 11 12	1.000 0.0186 0.0066	1.00 0.0040 0.0007	-0.00 0.0078 0.0037	1.0869 0.5965	2.1150 2.8198	0.0596 0.0600	0.0180 0.0164	0.0274 0.0279	1.5079 1.3666	2.3014 2.3261						
165	8	10 11 12	0.998 0.0176 0.0060	2.04 0.0040 0.0008	-0.00 0.0071 0.0031	1.1428 0.6712	2.0330 2.6359	0.1135 0.1107	0.0303 0.0288	0.0542 0.0528	1.3368 1.3037	2.3879 2.3866						
165	9	10 11 12	0.999 0.0142 0.0090	3.07 0.0030 0.0014	-0.00 0.0060 0.0041	1.0888 0.8150	2.1378 2.3014	0.1717 0.1644	0.0414 0.0390	0.0831 0.0788	1.2071 1.1877	2.4218 2.3977						
165	10	10 11 12	0.999 0.0043 0.0051	4.11 0.0028 0.0008	-0.00 0.0018 0.0024	3.2487 0.8133	2.0628 2.4211	0.2283 0.2082	0.0487 0.0462	0.1120 0.1015	1.0663 1.1113	2.4532 2.4595						
166	1	10 11 12	1.002 0.0205 0.0019	-4.10 0.0040 0.0004	-0.00 0.0092 0.0016	0.9906 1.0814	2.2562 4.3637	-0.2548 -0.2421	-0.0463 -0.0463	-0.1235 -0.1181	0.9060 0.9572	2.4239 2.4595						

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																				
166	2	10	1.000	-2.12	-0.00	1.0722	2.2398	-0.1207	-0.0262	-0.0575	1.0875	2.3815	0.0229	0.0049	0.0102	0.5216	3.0177	-0.1151	-0.0274	-0.0545	1.1916	2.3687	
		11	0.0064	0.0006	0.0038																		
		12																					
166	3	10	0.998	-1.05	-0.00	1.0419	2.1477	-0.0482	-0.0097	-0.0228	1.0076	2.3694	0.0207	0.0043	0.0088	0.4953	2.8757	-0.0449	-0.0117	-0.0208	1.3079	2.3228	
		11	0.0067	0.0006	0.0039																		
		12																					
166	4	10	1.000	-0.56	-0.00	1.0241	2.2020	-0.0243	-0.0034	-0.0117	0.7045	2.4246	0.0205	0.0042	0.0090	0.3939	2.8819	-0.0196	-0.0052	-0.0090	1.3302	2.3037	
		11	0.0057	0.0004	0.0033																		
		12																					
166	5	10	0.999	-0.02	-0.00	0.9989	2.1405	0.0128	0.0061	0.0055	2.3802	2.1466	0.0198	0.0039	0.0084	0.7081	2.4990	0.0154	0.0038	0.0064	1.2319	2.0921	
		11	0.0094	0.0013	0.0047																		
		12																					
166	6	10	0.998	0.47	-0.00	0.9562	2.0763	0.0395	0.0130	0.0180	1.6442	2.2807	0.0193	0.0036	0.0080	0.5135	2.6566	0.0418	0.0108	0.0187	1.2975	2.2455	
		11	0.0075	0.0007	0.0040																		
		12																					
166	7	10	0.998	0.98	-0.00	0.9510	2.2655	0.0774	0.0218	0.0360	1.4111	2.3263	0.0200	0.0038	0.0090	0.6576	2.5567	0.0768	0.0192	0.0353	1.2527	2.2990	
		11	0.0099	0.0013	0.0051																		
		12																					
166	11	10	0.999	2.04	-0.00	0.9629	2.3623	0.1466	0.0358	0.0691	1.2230	2.3570	0.0192	0.0037	0.0091	0.5534	2.8273	0.1419	0.0326	0.0681	1.1498	2.4020	
		11	0.0088	0.0009	0.0049																		
		12																					
166	12	10	0.999	3.07	-0.00	0.9904	2.3169	0.2097	0.0452	0.1017	1.0779	2.4249	0.0223	0.0044	0.0103	0.6985	2.4507	0.2088	0.0428	0.1007	1.0260	2.4114	
		11	0.0109	0.0015	0.0053																		
		12																					
166	13	10	1.000	4.12	-0.00	0.9669	2.3016	0.2756	0.0522	0.1349	0.9479	2.4484	0.0197	0.0038	0.0090	0.6799	2.2554	0.2716	0.0493	0.1322	0.9082	2.4332	
		11	0.0113	0.0015	0.0051																		
		12																					
167	1	10	0.902	-4.05	0.00	0.9440	2.4584	-0.1020	-0.0266	-0.0514	1.3050	2.5199	0.0104	0.0019	0.0051	0.5172	2.0242	-0.0597	-0.0238	-0.0331	1.9989	2.7792	
		11	0.0350	-0.0036	-0.0141																		
		12																					
167	2	10	0.901	-2.08	-0.00	0.9881	2.5506	-0.0365	-0.0111	-0.0185	1.5193	2.5324	0.0105	0.0020	0.0054	0.4697	2.6077	-0.0325	-0.0117	-0.0165	1.8031	2.5500	
		11	0.0012	-0.0001	-0.0001																		
		12																					

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key											
167	3	10	0.901	-1.06	-0.00	0.9759	2.4676	-0.0146	-0.0035	-0.0072	1.2234	2.4630		
		11	0.0099	0.0019	0.0049	0.5845	0.7470	-0.0126	-0.0046	-0.0064	1.8288	2.5509		
		12	-0.0029	-0.0003	-0.0004									
167	4	10	0.899	-0.53	-0.00	1.0448	2.4081	-0.0025	0.0003	-0.0025	-0.5993	4.8304		
		11	0.0095	0.0020	0.0046	-0.5274	-1.2528	-0.0038	-0.0014	-0.0015	1.9345	1.9675		
		12	-0.0012	0.0001	0.0003									
167	5	10	0.899	-0.02	-0.00	1.2624	2.4034	0.0033	0.0026	0.0013	4.0105	2.0747		
		11	0.0088	0.0022	0.0042	-8.8343	36.2675	0.0004	0.0011	0.0010	12.5945	11.5277		
		12	0.0000	-0.0001	0.0006									
167	6	10	0.900	0.47	-0.00	1.5800	2.5030	0.0152	0.0062	0.0073	2.0329	2.4092		
		11	0.0078	0.0024	0.0039	-0.3316	10.2476	0.0100	0.0044	0.0058	2.2240	2.8824		
		12	0.0002	-0.0000	0.0006									
167	7	10	0.899	1.00	-0.00	2.0959	3.1094	0.0272	0.0098	0.0129	1.8001	2.3739		
		11	0.0043	0.0018	0.0027	3.4686	18.9502	0.0222	0.0083	0.0115	1.8827	2.5955		
		12	0.0001	0.0001	0.0005									
167	8	10	0.900	2.02	-0.00	1.1915	3.2783	0.0537	0.0181	0.0265	1.6913	2.4699		
		11	0.0039	0.0009	0.0026	0.6264	3.0769	0.0408	0.0157	0.0214	1.9275	2.6240		
		12	0.0017	0.0002	0.0010									
167	9	10	0.896	3.06	-0.00	0.3883	2.1918	0.0895	0.0258	0.0440	1.4451	2.4585		
		11	0.0170	-0.0012	-0.0018	0.8163	2.1110	0.0470	0.0210	0.0267	2.2401	2.8488		
		12	-0.0042	-0.0007	-0.0018									
167	10	10	0.898	4.06	-0.00	0.5206	2.1053	0.1365	0.0315	0.0677	1.1545	2.4823		
		11	0.0541	-0.0056	-0.0228	0.8631	2.0087	0.0642	0.0249	0.0362	1.9400	2.8232		
		12	-0.0067	-0.0011	-0.0027									
168	1	10	0.900	-4.10	-0.00	0.8718	2.2915	-0.2282	-0.0432	-0.1106	0.9483	2.4226		
		11	0.0187	0.0032	0.0085	-0.5650	5.2912	-0.2225	-0.0440	-0.1080	0.9889	2.4271		
		12	0.0017	-0.0001	0.0018									
168	2	10	0.900	-2.08	-0.00	0.9319	3.3923	-0.1016	-0.0209	-0.0482	1.0280	2.3735		
		11	0.0183	0.0034	0.0087	0.0497	3.4830	-0.0996	-0.0223	-0.0468	1.1227	2.3507		
		12	0.0034	0.0000	0.0024									
168	3	10	0.899	-1.06	-0.00	0.9309	3.3512	-0.0413	-0.0071	-0.0196	0.8618	2.3742		
		11	0.0183	0.0034	0.0086	0.0557	3.2534	-0.0386	-0.0088	-0.0173	1.1398	2.2479		
		12	0.0034	0.0000	0.0022									

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																							
168	4	10	0.900	-0.55	-0.00	0.8706	2.4277	-0.0203	-0.0022	-0.0076	0.5595	2.3617													
		11	0.0159	0.0027	0.0077	0.0528	2.7530	-0.0171	-0.0037	-0.0076	1.0883	2.2197													
		12	0.0038	0.0000	0.0021																				
168	5	10	0.900	-0.02	-0.00	0.9201	2.2126	0.0080	0.0043	0.0035	2.6675	2.2033													
		11	0.0178	0.0032	0.0078	0.1215	2.9787	0.0121	0.0029	0.0052	1.2206	2.1661													
		12	0.0033	-0.0000	0.0019																				
168	6	10	0.902	0.46	-0.00	0.9373	3.3217	0.0357	0.0108	0.0166	1.5203	2.3358													
		11	0.0189	0.0035	0.0088	0.3525	3.0703	0.0372	0.0089	0.0169	1.2056	2.2802													
		12	0.0054	0.0003	0.0033																				
168	7	10	0.903	1.00	-0.00	0.8970	2.3254	0.0604	0.0164	0.0284	1.3605	2.3545													
		11	0.0176	0.0031	0.0082	0.2752	2.9332	0.0630	0.0149	0.0293	1.1884	2.3265													
		12	0.0049	0.0002	0.0028																				
168	8	10	0.901	2.02	-0.00	0.9415	2.2163	0.1229	0.0299	0.0577	1.2184	2.3483													
		11	0.0196	0.0036	0.0086	0.4860	2.4257	0.1235	0.0280	0.0585	1.1349	2.3714													
		12	0.0066	0.0006	0.0032																				
168	9	10	0.900	3.08	-0.00	0.9231	2.3400	0.1727	0.0429	0.0926	1.0917	2.4031													
		11	0.0179	0.0033	0.0084	0.4273	2.6296	0.1907	0.0399	0.0910	1.0475	2.3822													
		12	0.0072	0.0006	0.0038																				
168	10	10	0.900	4.08	-0.00	0.9335	2.1618	0.2512	0.0500	0.1227	0.9960	2.4423													
		11	0.0191	0.0035	0.0082	0.5873	2.2567	0.2481	0.0478	0.1196	0.9646	2.4103													
		12	0.0095	0.0011	0.0042																				
169	1	10	0.900	-4.08	-0.00	0.8374	2.3346	-0.2350	-0.0440	-0.1134	0.9369	2.4124													
		11	0.0208	0.0034	0.0097	0.1624	4.3937	-0.2278	-0.0444	-0.1104	0.9746	2.4259													
		12	0.0026	-0.0000	0.0023																				
169	2	10	0.901	-2.09	-0.00	0.9055	3.3555	-0.1057	-0.0216	-0.0499	1.0217	2.3628													
		11	0.0199	0.0036	0.0094	0.1355	3.4635	-0.1020	-0.0227	-0.0480	1.1146	2.3554													
		12	0.0033	-0.0000	0.0023																				
169	3	10	0.900	-1.08	-0.00	0.8800	3.3913	-0.0428	-0.0076	-0.0200	0.8941	2.3884													
		11	0.0168	0.0029	0.0080	0.7147	3.4028	-0.0406	-0.0093	-0.0186	1.1477	2.2899													
		12	0.0022	-0.0003	0.0015																				
169	4	10	0.900	-0.55	-0.00	0.9647	3.2307	-0.0142	-0.0007	-0.0067	0.2465	2.3915													
		11	0.0200	0.0038	0.0089	0.2715	3.0955	-0.0137	-0.0029	-0.0056	1.0903	2.0558													
		12	0.0050	0.0002	0.0030																				

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																					
169	5	10	0.900	-0.003	0.0081	0.9027	2.2121	0.0094	0.0047	0.0048	2.5022	2.5684											
		11	0.0185	0.0033	0.0032	0.4269	2.6516	0.0129	0.0031	0.0053	1.2160	2.0714											
		12	0.0061	0.0005																			
169	6	10	0.900	0.48	0.0091	0.9434	2.3891	0.0380	0.0114	0.0176	1.5023	2.3160											
		11	0.0199	0.0037	0.0029	0.4321	2.3891	0.0409	0.0098	0.0183	1.2074	2.2456											
		12	0.0061	0.0005																			
169	7	10	0.899	0.99	-0.00	0.9038	3.3527	0.0679	0.0182	0.0318	1.3435	2.3444											
		11	0.0170	0.0030	0.0075	-0.1323	3.3527	0.0703	0.0165	0.0323	1.1799	2.3004											
		12	0.0037	-0.0000	0.0024																		
169	8	10	0.898	2.06	-0.00	0.9628	2.1539	0.1336	0.0318	0.0632	1.1924	2.3648											
		11	0.0199	0.0038	0.0086	0.4773	2.4403	0.1338	0.0298	0.0628	1.1165	2.3479											
		12	0.0078	0.0007	0.0038																		
169	9	10	0.898	3.10	-0.00	0.9647	2.2307	0.2005	0.0429	0.0964	1.0719	2.4047											
		11	0.0199	0.0038	0.0089	0.4039	2.6135	0.1996	0.0407	0.0954	1.0205	2.3900											
		12	0.0076	0.0006	0.0040																		
169	10	10	0.899	4.12	-0.00	0.9241	2.0627	0.2630	0.0512	0.1282	0.9743	2.4377											
		11	0.0186	0.0034	0.0076	0.2945	2.5548	0.2620	0.0494	0.1256	0.9443	2.3967											
		12	0.0081	0.0004	0.0041																		
170	1	10	0.898	-4.11	-0.00	0.7942	2.4974	-0.2852	-0.0495	-0.1366	0.8690	2.3960											
		11	0.0204	0.0032	0.0101	0.4728	1.9159	-0.2759	-0.0487	-0.1348	0.8828	2.4430											
		12	0.0117	0.0011	0.0044																		
170	2	10	0.901	-2.10	-0.00	0.8894	2.5767	-0.1253	-0.0247	-0.0592	0.9876	2.3610											
		11	0.0226	0.0040	0.0116	0.5269	1.9321	-0.1186	-0.0260	-0.0571	1.0962	2.4079											
		12	0.0127	0.0013	0.0049																		
170	3	10	0.900	-1.05	-0.00	0.8287	2.5904	-0.0509	-0.0088	-0.0232	0.8654	2.2819											
		11	0.0187	0.0031	0.0096	0.4029	2.1225	-0.0450	-0.0105	-0.0220	1.1758	2.4475											
		12	0.0105	0.0008	0.0044																		
170	4	10	0.898	-0.54	-0.00	0.8434	2.5564	-0.0206	-0.0013	-0.0094	0.3377	2.2957											
		11	0.0184	0.0031	0.0094	0.5512	1.9094	-0.0172	-0.0038	-0.0094	1.1292	2.7410											
		12	0.0133	0.0014	0.0051																		
170	5	10	0.900	1.01	-0.00	0.8492	2.5590	0.0761	0.0211	0.0364	1.3871	2.3937											
		11	0.0174	0.0029	0.0089	0.2192	1.5862	0.0836	0.0197	0.0374	1.1799	2.2401											
		12	0.0087	0.0003	0.0027																		

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt. Cd See Key

170	6	10 11 12	0.899 0.0166 0.0122	0.47 0.0027 0.0012	-0.00 0.0092 0.0043	0.8146 0.5042	2.7710 1.7622	0.0409 0.0480	0.0133 0.0119	0.0202 0.0204	1.6237 1.2413	2.4666 2.1249
170	7	10 11 12	0.900 0.0166 0.0117	1.02 0.0026 0.0011	-0.00 0.0086 0.0038	0.8101 0.4781	2.5872 1.6447	0.0745 0.0810	0.0207 0.0192	0.0360 0.0363	1.3934 1.1877	2.4158 2.2441
170	8	10 11 12	0.901 0.0168 0.0124	2.06 0.0028 0.0013	-0.00 0.0090 0.0044	0.8414 0.5465	2.6902 1.7953	0.1453 0.1532	0.0345 0.0333	0.0699 0.0712	1.1889 1.0891	2.4058 2.3234
170	9	10 11 12	0.901 0.0182 0.0115	3.09 0.0032 0.0009	-0.00 0.0092 0.0035	0.8450 0.4334	2.5332 1.5383	0.2311 0.2377	0.0473 0.0457	0.1128 0.1120	1.0245 0.9614	2.4407 2.3559
170	10	10 11 12	0.900 0.0183 0.0120	4.11 0.0030 0.0011	-0.00 0.0092 0.0043	0.8423 0.4592	2.5147 1.7937	0.3104 0.3150	0.0564 0.0546	0.1523 0.1499	0.9086 0.8666	2.4538 2.3797
171	4	10 11 12	0.798 0.0131 0.0007	-2.12 0.0026 0.0002	-0.00 0.0057 0.0013	1.0271 1.6419	2.1813 9.0746	-0.0363 -0.0355	-0.0099 -0.0115	-0.0187 -0.0174	1.3696 1.6271	2.5778 2.4582
171	5	10 11 12	0.798 0.0121 -0.0018	-1.04 0.0024 -0.0001	-0.00 0.0055 -0.0001	1.0140 0.3603	2.2707 0.4749	-0.0142 -0.0126	-0.0032 -0.0042	-0.0080 -0.0061	1.1509 1.6811	2.8079 2.4335
171	6	10 11 12	0.799 0.0078 -0.0006	-0.58 0.0018 0.0001	-0.00 0.0038 0.0005	1.1735 -1.1342	2.4802 -4.3310	-0.0027 -0.0051	0.0005 -0.0014	-0.0019 -0.0015	-0.9026 -1.3688	3.5655 1.5211
171	7	10 11 12	0.800 0.0093 0.0015	-0.06 0.0022 0.0002	-0.00 0.0049 0.0017	1.2266 0.7690	2.6331 5.6645	0.0071 0.0006	0.0036 0.0011	0.0026 0.0017	2.5419 8.8765	1.8632 13.4999
171	8	10 11 12	0.799 0.0058 0.0013	0.42 0.0015 0.0000	-0.00 0.0039 0.0016	1.3559 0.3601	3.3873 5.9898	0.0135 0.0095	0.0055 0.0043	0.0063 0.0052	2.0565 2.2705	2.3365 2.7854
171	9	10 11 12	0.801 0.0029 0.0009	0.97 0.0010 0.0001	-0.00 0.0019 0.0014	1.8186 0.5523	3.2795 7.5422	0.0255 0.0178	0.0090 0.0070	0.0128 0.0099	1.7726 1.9624	2.5179 2.7672

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																		
171	10	10	0.800	1.99	-0.00	1.1786	2.7044	0.0525	0.0169	0.0262	1.6082	2.4983								
		11	0.0051	0.0012	0.0027	2.8597	-6.3558	0.0448	0.0152	0.0229	1.7000	2.5586								
		12	-0.0005	-0.0003	0.0006															
171	11	10	0.795	3.01	-0.00	0.2318	2.4136	0.0853	0.0243	0.0424	1.4286	2.4848								
		11	-0.0115	-0.0005	-0.0055	0.9071	1.1388	0.0471	0.0200	0.0271	1.1225	2.8824								
		12	-0.0023	-0.0004	-0.0005															
171	12	10	0.798	4.05	-0.00	0.5162	2.1541	0.1369	0.0319	0.0572	1.1685	2.4547								
		11	-0.0552	-0.0057	-0.0237	0.9387	2.1141	0.0626	0.0234	0.0359	1.8690	2.8713								
		12	-0.0058	-0.0011	-0.0024															
172	1	10	0.802	-4.09	-0.00	2.2241	-0.2066	-0.0351	-0.0992	0.8513	2.4020									
		11	0.0198	0.0035	0.0088	7.1137	-0.2009	-0.0357	-0.0969	0.8882	2.4110									
		12	0.0013	-0.0003	0.0019															
172	2	10	0.799	-2.11	-0.00	0.8942	2.2081	-0.0895	-0.0165	-0.0426	0.9248	2.3833								
		11	0.0189	0.0033	0.0083	0.5271	3.0478	-0.0893	-0.0182	-0.0417	1.0184	2.3381								
		12	0.0058	0.0006	0.0035															
172	3	10	0.797	-1.06	-0.00	0.9312	3.1725	-0.0332	-0.0068	-0.0156	0.7721	2.3587								
		11	0.0198	0.0037	0.0089	0.5787	2.9984	-0.0136	-0.0008	-0.0063	0.3133	2.3429								
		12	0.0064	0.0007	0.0041															
172	4	10	0.797	-0.59	-0.00	0.8839	2.1902	-0.0139	-0.0025	-0.0061	0.9197	2.2059								
		11	0.0183	0.0032	0.0080	0.4875	2.9984	-0.0139	-0.0025	-0.0061	0.3133	2.3429								
		12	0.0062	0.0006	0.0037															
172	5	10	0.802	-0.05	-0.00	0.8661	2.2377	0.0101	0.0042	0.0050	2.0915	2.4907								
		11	0.0186	0.0032	0.0083	0.9113	5.8027	0.0117	0.0027	0.0056	1.1653	2.3846								
		12	0.0021	-0.0003	0.0024															
172	6	10	0.803	0.42	-0.00	0.8649	3.1902	0.0312	0.0087	0.0146	1.3998	2.3382								
		11	0.0186	0.0032	0.0081	0.1355	3.4635	0.0335	0.0073	0.0159	1.0997	2.3834								
		12	0.0038	-0.0001	0.0026															
172	7	10	0.797	0.94	-0.00	0.8556	2.1172	0.0578	0.0142	0.0273	1.2280	2.3608								
		11	0.0198	0.0033	0.0084	0.4242	2.7837	0.0573	0.0125	0.0269	1.0944	2.3502								
		12	0.0070	0.0006	0.0039															
172	8	10	0.802	2.01	-0.00	0.8610	3.1502	0.1174	0.0257	0.0563	1.0966	2.3979								
		11	0.0169	0.0029	0.0072	0.0420	3.1670	0.1168	0.0237	0.0556	1.0173	2.3813								
		12	0.0045	0.0000	0.0028															

See Key

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																	
172	9	10	0.802	5.06	-0.00	0.9056	2.1088	0.1727	0.0337	0.0829	0.9754	2.3991							
		11	0.0202	0.0036	0.0085	0.3586	2.7783	0.1713	0.0326	0.0827	0.9534	2.4142							
		12	0.0064	0.0004	0.0035														
172	10	10	0.798	4.09	-0.00	0.8348	2.1717	0.2390	0.0397	0.1160	0.8308	2.4270							
		11	0.0185	0.0031	0.0080	0.4973	2.7682	0.2341	0.0395	0.1129	0.8442	2.4128							
		12	0.0087	0.0008	0.0048														
173	1	10	0.797	-4.09	-0.00	0.7891	3.3986	-0.2180	-0.0358	-0.1041	0.8212	2.3886							
		11	0.0200	0.0031	0.0096	0.3346	3.0386	-0.2108	-0.0360	-0.1007	0.8545	2.3890							
		12	0.0050	0.0003	0.0030														
173	2	10	0.803	-2.09	-0.00	0.8033	3.3109	-0.0989	-0.0178	-0.0464	0.9021	2.3482							
		11	0.0194	0.0031	0.0089	0.0497	3.4830	-0.0934	-0.0185	-0.0438	0.9899	2.3490							
		12	0.0041	0.0000	0.0028														
173	3	10	0.802	-1.08	-0.00	0.8259	3.3518	-0.0338	-0.0045	-0.0162	0.6751	2.3988							
		11	0.0180	0.0029	0.0084	0.0255	3.7988	-0.0330	-0.0066	-0.0149	1.0011	2.2640							
		12	0.0045	0.0000	0.0034														
173	4	10	0.800	-0.59	-0.00	0.8383	3.3163	-0.0205	-0.0019	-0.0094	0.4845	2.2853							
		11	0.0186	0.0031	0.0086	0.1708	3.1269	-0.0164	-0.0029	-0.0076	0.9125	2.3334							
		12	0.0052	0.0001	0.0032														
173	5	10	0.797	-0.05	-0.00	0.8423	2.2023	0.0127	0.0050	0.0056	1.9772	2.2265							
		11	0.0176	0.0029	0.0077	-0.1146	2.7392	0.0158	0.0036	0.0069	1.1482	2.1964							
		12	0.0039	-0.0000	0.0021														
173	6	10	0.798	0.41	-0.00	0.7870	2.4761	0.0363	0.0097	0.0171	1.3368	2.3664							
		11	0.0159	0.0025	0.0079	0.3617	2.6333	0.0364	0.0077	0.0170	1.0601	2.3436							
		12	0.0064	0.0004	0.0034														
173	7	10	0.800	0.96	-0.00	0.8134	2.3382	0.0611	0.0147	0.0287	1.2061	2.3502							
		11	0.0171	0.0027	0.0080	0.1839	2.5834	0.0647	0.0134	0.0304	1.0351	2.3488							
		12	0.0051	0.0001	0.0026														
173	8	10	0.796	2.01	-0.00	0.8371	3.2681	0.1197	0.0254	0.0573	1.0649	2.3956							
		11	0.0185	0.0031	0.0084	0.3525	3.0703	0.1239	0.0244	0.0584	0.9866	2.3568							
		12	0.0064	0.0004	0.0039														
173	9	10	0.796	3.08	-0.00	0.6083	3.1306	0.2051	0.0447	0.0907	1.0911	2.2122							
		11	0.0172	0.0027	0.0073	-0.3555	3.0056	0.1695	0.0344	0.0900	0.9085	2.3754							
		12	0.0032	-0.0002	0.0019														

See Key

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																			
173	10	10	0.800	4.07	0.0072	-0.00	0.7829	2.3077	0.2494	0.0400	0.1218	0.8024	2.4410								
		11	0.0157	0.0024	0.0024	0.0072	0.0455	2.5256	0.2492	0.0401	0.1194	0.8053	2.3971								
		12	0.0049	0.0000	0.0000	0.0024	0.0455	2.5256	0.2492	0.0401	0.1194	0.8053	2.3971								
174	1	10	0.801	-4.09	0.0040	-0.00	0.6218	2.6560	-0.2433	-0.0380	-0.1167	0.7619	2.3994								
		11	0.0176	0.0022	0.0040	0.0093	0.4591	2.1425	-0.2392	-0.0386	-0.1155	0.8077	2.4147								
		12	0.0095	0.0006	0.0040	0.0040	0.4591	2.1425	-0.2392	-0.0386	-0.1155	0.8077	2.4147								
174	2	10	0.797	-2.11	0.00	-0.00	0.7201	2.5424	-0.1100	-0.0192	-0.0506	0.8729	2.3023								
		11	0.0217	0.0031	0.0110	0.0110	0.6159	2.2089	-0.1016	-0.0196	-0.0490	0.9652	2.4110								
		12	0.0117	0.0014	0.0051	0.0051	0.6159	2.2089	-0.1016	-0.0196	-0.0490	0.9652	2.4110								
174	3	10	0.798	-1.06	0.00	-0.00	0.6893	2.5791	-0.0455	-0.0066	-0.0202	0.7260	2.2239								
		11	0.0194	0.0026	0.0100	0.0100	0.5309	2.2156	-0.0415	-0.0079	-0.0201	0.9608	2.4205								
		12	0.0133	0.0014	0.0059	0.0059	0.5309	2.2156	-0.0415	-0.0079	-0.0201	0.9608	2.4205								
174	4	10	0.801	-0.60	0.00	-0.00	0.7168	2.5005	-0.0207	-0.0015	-0.0092	0.3616	2.2338								
		11	0.0185	0.0026	0.0092	0.0092	0.4851	2.0368	-0.0127	-0.0020	-0.0070	0.8228	2.2637								
		12	0.0091	0.0008	0.0037	0.0037	0.4851	2.0368	-0.0127	-0.0020	-0.0070	0.8228	2.2637								
174	5	10	0.800	-0.04	0.00	-0.00	0.6498	2.6262	0.0093	0.0047	0.0049	2.5387	2.6234								
		11	0.0170	0.0022	0.0089	0.0089	0.4468	1.6575	0.0170	0.0039	0.0063	1.1474	1.8675								
		12	0.0086	0.0007	0.0028	0.0028	0.4468	1.6575	0.0170	0.0039	0.0063	1.1474	1.8675								
174	6	10	0.798	0.42	0.00	-0.00	0.6595	2.5886	0.0394	0.0107	0.0193	1.3548	2.4479								
		11	0.0155	0.0020	0.0080	0.0080	0.5978	1.9069	0.0444	0.0093	0.0193	1.0563	2.1753								
		12	0.0122	0.0014	0.0046	0.0046	0.5978	1.9069	0.0444	0.0093	0.0193	1.0563	2.1753								
174	7	10	0.799	0.99	0.00	-0.00	0.7047	2.6915	0.0712	0.0169	0.0340	1.8664	2.3919								
		11	0.0179	0.0025	0.0096	0.0096	0.5067	1.7361	0.0771	0.0159	0.0351	1.0319	2.2736								
		12	0.0103	0.0010	0.0035	0.0035	0.5067	1.7361	0.0771	0.0159	0.0351	1.0319	2.2736								
174	8	10	0.799	2.04	0.00	-0.00	0.6793	2.5384	0.1413	0.0296	0.0679	1.0487	2.4034								
		11	0.0162	0.0022	0.0082	0.0082	0.5084	1.6470	0.1452	0.0283	0.0671	0.9759	2.3111								
		12	0.0103	0.0010	0.0034	0.0034	0.5084	1.6470	0.1452	0.0283	0.0671	0.9759	2.3111								
174	9	10	0.800	3.07	0.00	-0.00	0.7164	2.6148	0.2130	0.0379	0.1031	0.8916	2.4205								
		11	0.0153	0.0022	0.0080	0.0080	0.4847	2.1872	0.2112	0.0376	0.0997	0.8914	2.3611								
		12	0.0131	0.0012	0.0057	0.0057	0.4847	2.1872	0.2112	0.0376	0.0997	0.8914	2.3611								
174	10	10	0.800	4.09	0.00	-0.00	0.7518	2.6150	0.2825	0.0416	0.1384	0.7371	2.4502								
		11	0.0177	0.0026	0.0093	0.0093	0.4847	2.1872	0.2848	0.0425	0.1360	0.7473	2.3877								
		12	0.0131	0.0012	0.0057	0.0057	0.4847	2.1872	0.2848	0.0425	0.1360	0.7473	2.3877								

See Key

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key											
175	1	10	0.396	-3.99	-0.00	0.9125	1.6801	-0.0673	-0.0171	-0.0358	1.2760	2.6639		
		11	0.0187	0.0034	0.0063	0.3496	0.9563	-0.0539	-0.0153	-0.0284	1.4219	2.6378		
		12	-0.0060	-0.0004	-0.0011									
175	2	10	0.397	-2.07	-0.00	1.0734	1.7268	-0.0299	-0.0072	-0.0162	1.2177	2.7068		
		11	0.0180	0.0038	0.0062	0.8779	3.5699	-0.0291	-0.0075	-0.0134	1.2929	2.3045		
		12	0.0071	0.0012	0.0051									
175	3	10	0.397	-1.05	-0.00	1.1448	1.1992	-0.0078	-0.0008	-0.0052	0.5400	3.3469		
		11	0.0190	0.0043	0.0045	1.0950	2.8391	-0.0164	-0.0036	-0.0050	1.0965	1.5491		
		12	0.0020	0.0004	0.0011									
175	4	10	0.398	-0.58	-0.00	1.1604	1.8947	-0.0042	0.0005	-0.0017	-0.6460	2.0291		
		11	0.0104	0.0024	0.0039	0.8467	0.0015	-0.0106	-0.0017	-0.0022	0.8226	1.0408		
		12	-0.0054	-0.0009	-0.0000									
175	5	10	0.398	-0.05	-0.00	1.6553	0.7276	0.0046	0.0028	0.0029	3.0857	3.1337		
		11	0.0115	0.0038	0.0016	2.1428	2.6392	-0.0055	0.0005	-0.0016	-0.5373	1.5218		
		12	-0.0043	-0.0018	-0.0022									
175	6	10	0.400	0.42	-0.00	1.5240	1.0753	0.0091	0.0041	0.0079	2.2609	4.3538		
		11	0.0077	0.0023	0.0016	2.1476	3.3347	0.0031	0.0027	0.0044	4.3642	7.1427		
		12	-0.0042	-0.0018	-0.0028									
175	7	10	0.398	0.99	-0.00	2.2867	1.6087	0.0242	0.0084	0.0147	1.7502	3.0304		
		11	0.0053	0.0024	0.0017	2.2782	2.2279	0.0090	0.0055	0.0085	3.0790	4.7339		
		12	-0.0051	-0.0023	-0.0023									
175	8	10	0.396	2.00	-0.00	3.1161	-0.6622	0.0474	0.0145	0.0241	1.5358	2.5443		
		11	0.0045	0.0019	-0.0005	3.1377	5.8713	0.0169	0.0087	0.0149	2.5995	4.4066		
		12	-0.0014	-0.0009	-0.0017									
175	9	10	0.396	3.03	-0.00	-0.1005	3.2228	0.0787	0.0218	0.0385	1.3851	2.4500		
		11	0.0151	0.0003	-0.0097	1.9428	2.3963	0.0340	0.0136	0.0238	2.0085	3.5072		
		12	-0.0071	-0.0027	-0.0034									
175	10	10	0.397	4.01	-0.00	-0.2956	3.7432	0.1043	0.0268	0.0506	1.2863	2.4277		
		11	0.0128	0.0007	-0.0096	3.0927	3.7925	0.0604	0.0180	0.0375	1.4976	3.1040		
		12	-0.0014	-0.0009	-0.0041									
176	1	10	0.400	-4.03	-0.00	0.9320	1.9527	-0.1844	-0.0291	-0.0870	0.7908	2.3614		
		11	0.0132	0.0024	0.0051	32.4924	60.2682	-0.1969	-0.0336	-0.0910	0.8551	2.3112		
		12	-0.0001	-0.0009	-0.0017									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt. Cd ← See Key →

176	2	10	0.400	-2.04	-0.00	0.8826	1.7219	-0.0781	-0.0106	-0.0342	0.6814	2.1895
		11	0.0167	0.0029	0.0057	7.4553	9.0895	-0.0839	-0.0142	-0.0382	0.8511	2.2756
		12	-0.0009	-0.0014	-0.0017							
176	3	10	0.401	-1.07	-0.00	0.9307	2.4444	-0.0295	-0.0019	-0.0123	0.3378	2.0854
		11	0.0187	0.0034	0.0091	0.4489	1.5515	-0.0419	-0.0064	-0.0164	0.7663	1.9551
		12	0.0092	0.0008	0.0028							
176	4	10	0.401	-0.60	-0.00	0.9032	2.5828	0.0041	0.0048	-0.0005	5.8963	-0.7075
		11	0.0055	0.0010	0.0028	1.5544	1.7045	-0.0104	-0.0007	-0.0033	0.3695	-1.6240
		12	-0.0134	-0.0041	-0.0045							
176	5	10	0.401	-0.02	-0.00	0.8089	2.5412	0.0204	0.0070	0.0128	1.7134	3.1379
		11	0.0124	0.0020	0.0063	47.8942	120.5388	0.0094	0.0026	0.0073	1.3875	3.8956
		12	-0.0000	-0.0009	-0.0022							
176	6	10	0.400	0.42	-0.00	0.7533	3.3365	0.0264	0.0074	0.0152	1.4047	2.8799
		11	0.0069	0.0010	0.0046	32.4924	60.2682	0.0197	0.0048	0.0114	1.2337	2.8840
		12	-0.0001	-0.0009	-0.0017							
176	7	10	0.401	0.95	-0.00	0.9474	2.6023	0.0674	0.0150	0.0343	1.1134	2.5469
		11	0.0132	0.0025	0.0068	3.1224	5.1635	0.0554	0.0108	0.0288	0.9740	2.6028
		12	-0.0022	-0.0013	-0.0022							
176	8	10	0.402	1.98	-0.00	0.7533	3.3365	0.1298	0.0261	0.0633	1.0075	2.4399
		11	0.0102	0.0015	0.0068	-0.0568	0.7396	0.1166	0.0219	0.0582	0.9420	2.4947
		12	0.0038	-0.0000	0.0005							
176	9	10	0.401	2.99	-0.00	0.9474	2.6023	0.1717	0.0339	0.0817	0.9881	2.3797
		11	0.0132	0.0025	0.0068	-1.0843	-5.6499	0.1638	0.0297	0.0812	0.9086	2.4787
		12	0.0020	-0.0004	-0.0022							
176	10	10	0.401	4.00	-0.00	0.9155	3.0954	0.2283	0.0422	0.1121	0.9256	2.4545
		11	0.0055	0.0010	0.0034	1.8113	4.6327	0.2226	0.0385	0.1107	0.8665	2.4861
		12	-0.0061	-0.0022	-0.0057							

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																							
210	3	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
210	4	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
210	5	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
210	6	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
210	7	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
210	8	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
210	9	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
210	10	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
210	11	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
211	1	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12
211	2	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →															
211	3	10	1.250	-1.05	-0.007	-17.1136	5.0189	0.0089	-0.0059	0.0012	-3.3412	0.7115						
		11	-0.0007	0.0026	-0.0015	-0.5568	1.1559	0.0092	-0.0052	0.0026	-2.8038	1.4428						
		12	-0.0068	0.0007	-0.0015	-0.5568	1.1559	0.0092	-0.0052	0.0026	-2.8038	1.4428						
211	4	10	1.250	-0.02	-0.000	-1.2092	1.7684	0.0042	0.0020	0.0003	2.4575	0.4083						
		11	-0.0066	0.0016	-0.0023	-4.0605	-0.0041	-0.0081	0.0010	-0.0022	-0.6265	1.3662						
		12	-0.0017	0.0014	0.0000	-4.0605	-0.0041	-0.0081	0.0010	-0.0022	-0.6265	1.3662						
211	5	10	1.250	1.01	-0.00	9.1454	2.2214	0.0032	0.0111	0.0003	17.0577	0.5200						
		11	-0.0040	-0.0011	-0.0017	9.1454	2.2214	0.0032	0.0111	0.0003	17.0577	0.5200						
		12	0.0029	0.0017	0.0011	9.1454	2.2214	0.0032	0.0111	0.0003	17.0577	0.5200						
211	6	10	1.250	2.04	-0.00	0.0076	2.1874	-0.0057	0.0157	-0.0018	-13.7431	1.6285						
		11	0.0012	0.0000	0.0005	0.0076	2.1874	-0.0057	0.0157	-0.0018	-13.7431	1.6285						
		12	0.0045	0.0015	0.0018	1.6886	1.9623	-0.0160	0.0116	-0.0043	-3.6284	1.3433						
211	7	10	1.250	4.11	-0.00	0.7610	1.8445	-0.0019	0.0211	0.0001	-53.0199	-0.4947						
		11	0.0081	0.0012	0.0030	0.7610	1.8445	-0.0019	0.0211	0.0001	-53.0199	-0.4947						
		12	0.0074	0.0011	0.0025	0.7470	1.7258	-0.0066	0.0184	-0.0007	-13.9398	-0.5702						
211	8	10	1.248	6.17	-0.00	0.4514	2.0145	0.0375	0.0382	0.0125	5.0956	1.6694						
		11	0.0074	0.0006	0.0030	0.4514	2.0145	0.0375	0.0382	0.0125	5.0956	1.6694						
		12	0.0085	0.0012	0.0026	0.7586	1.5746	0.0318	0.0353	0.0114	5.5503	1.8006						
211	9	10	1.249	8.25	-0.00	0.4367	2.0202	0.0850	0.0546	0.0289	3.2158	1.7055						
		11	0.0077	0.0006	0.0033	0.4367	2.0202	0.0850	0.0546	0.0289	3.2158	1.7055						
		12	0.0101	0.0013	0.0033	0.6680	1.6511	0.0782	0.0516	0.0279	3.3036	1.7857						
212	3	10	1.248	4.08	-0.00	1.1471	1.3039	-0.0507	-0.0449	-0.0178	4.4333	1.7632						
		11	0.0121	0.0027	0.0001	1.1471	1.3039	-0.0507	-0.0449	-0.0178	4.4333	1.7632						
		12	-0.0021	0.0012	0.0001	-2.9772	-0.2698	-0.0510	-0.0412	-0.0167	4.0403	1.6416						
212	4	10	1.249	3.07	-0.00	1.4613	1.3411	-0.0435	-0.0335	-0.0149	3.8551	1.7225						
		11	0.0105	0.0030	0.0028	1.4613	1.3411	-0.0435	-0.0335	-0.0149	3.8551	1.7225						
		12	-0.0027	0.0008	0.0000	-1.6106	-0.0012	-0.0449	-0.0321	-0.0140	3.5787	1.5649						
212	5	10	1.250	2.10	-0.00	1.7524	1.2008	-0.0280	-0.0210	-0.0095	3.7593	1.6995						
		11	0.0099	0.0034	0.0023	1.7524	1.2008	-0.0280	-0.0210	-0.0095	3.7593	1.6995						
		12	-0.0018	0.0009	0.0002	-2.6551	-0.6234	-0.0273	-0.0202	-0.0083	3.6971	1.5213						
212	6	10	1.250	1.06	-0.00	1.9840	1.3523	-0.0069	-0.0079	-0.0025	5.6911	1.8369						
		11	0.0075	0.0030	0.0020	1.9840	1.3523	-0.0069	-0.0079	-0.0025	5.6911	1.8369						
		12	0.0003	0.0008	0.0007	13.2977	12.4368	-0.0094	-0.0079	-0.0022	4.2004	1.1911						

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key											
212	7	10	1.250	-0.56	0.00	2.3015	1.3945	-0.0020	-0.0029	-0.0008	7.3627	1.9921		
		11	0.0065	0.0029	0.0018	12.9499	10.3401	-0.0037	-0.0035	-0.0003	4.6794	0.4392		
		12	0.0003	0.0008	0.0006									
212	8	10	1.249	-0.02	0.00	2.5127	1.2914	0.0039	0.0043	0.0012	5.4406	1.5942		
		11	0.0061	0.0030	0.0015	4.1593	2.6886	0.0003	0.0030	0.0009	40.7003	11.9570		
		12	0.0014	0.0012	0.0007									
212	9	10	1.251	0.46	0.00	2.8618	1.2762	0.0093	0.0084	0.0031	4.4819	1.6545		
		11	0.0048	0.0027	0.0012	6.2553	3.7363	0.0071	0.0082	0.0030	5.7984	2.1320		
		12	0.0007	0.0009	0.0005									
212	10	10	1.252	1.03	0.00	3.5436	1.1496	0.0225	0.0153	0.0067	3.3964	1.5063		
		11	0.0049	0.0025	0.0011	5.7826	4.4203	0.0187	0.0147	0.0069	3.9157	1.8554		
		12	0.0008	0.0010	0.0007									
212	11	10	1.250	2.07	-0.00	3.0410	1.3311	0.0449	0.0277	0.0143	3.0827	1.5960		
		11	0.0063	0.0025	0.0016	3.8255	2.1580	0.0347	0.0275	0.0126	3.9596	1.8198		
		12	0.0020	0.0016	0.0009									
212	12	10	1.250	3.11	-0.00	2.7139	0.9899	0.0659	0.0392	0.0220	2.9779	1.6746		
		11	0.0050	0.0017	0.0010	2.0565	1.9763	0.0469	0.0392	0.0168	4.1816	1.7934		
		12	0.0031	0.0012	0.0012									
212	13	10	1.251	4.13	-0.00	1.2902	1.3383	0.0731	0.0493	0.0241	3.4203	1.6736		
		11	0.0062	0.0016	0.0016	1.2920	2.3604	0.0537	0.0478	0.0196	4.4435	1.8266		
		12	0.0031	0.0008	0.0014									
212	14	10	1.250	6.20	-0.00	0.8299	1.7649	0.1127	0.0627	0.0389	3.7852	1.7287		
		11	0.0063	0.0010	0.0022	0.6803	1.7996	0.0930	0.0602	0.0338	3.2381	1.8193		
		12	0.0056	0.0007	0.0020									
212	15	10	1.248	8.28	-0.00	35.6958	14.2464	0.1847	0.0772	0.0658	2.0906	1.7817		
		11	-0.0001	0.0008	0.0003	1.0482	1.5426	0.1604	0.0752	0.0587	2.3440	1.8294		
		12	0.0051	0.0010	0.0015									
213	1	10	1.249	-4.06	-0.00	1.0927	1.6298	-0.0827	-0.0430	-0.0286	2.6006	1.7320		
		11	0.0096	0.0021	0.0031	1.1177	-0.6052	-0.0852	-0.0420	-0.0283	2.4664	1.6643		
		12	-0.0009	0.0021	0.0001									
213	2	10	1.250	-3.08	-0.00	1.9004	1.6841	-0.0638	-0.0315	-0.0214	2.5111	1.7036		
		11	0.0076	0.0015	0.0025	1.3392	-0.8032	-0.0636	-0.0310	-0.0208	2.4364	1.6330		
		12	-0.0017	0.0011	0.0008									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
213	3	10	1.250	-2.10	-0.00	1.2076	1.6341	-0.0406	-0.0213	-0.0136	2.6244	1.6840						
			0.0066	0.0022	0.0026	1.2666	-1.5036	-0.0394	-0.0208	-0.0125	2.6407	1.5947						
			-0.0007	0.0019	0.0002	-12.6668												
213	4	10	1.251	-1.04	-0.00	1.1543	1.6232	-0.0116	-0.0093	-0.0039	3.9855	1.7068						
			0.0062	0.0019	0.0026	1.2575	52.7513	-0.0110	-0.0083	-0.0034	3.8072	1.5527						
			0.0000	0.0011	0.0004	134.2575												
213	5	10	1.250	-0.55	-0.00	1.2946	1.6479	-0.0031	-0.0039	-0.0011	6.2402	1.7844						
			0.0064	0.0021	0.0027	9.5013	5.2774	-0.0043	-0.0032	-0.0012	3.7413	1.3902						
			0.0007	0.0014	0.0007													
213	6	10	1.251	-0.02	-0.00	1.2132	1.4323	0.0041	0.0025	0.0012	3.0453	1.5058						
			0.0065	0.0020	0.0024	3.0633	1.9536	0.0015	0.0034	0.0006	11.2157	1.2020						
			0.0025	0.0015	0.0010													
213	7	10	1.252	0.48	-0.00	1.6706	1.5069	0.0106	0.0074	0.0037	3.4100	1.7247						
			0.0074	0.0024	0.0022	2.7204	2.5458	0.0106	0.0089	0.0036	4.1982	1.7166						
			0.0021	0.0011	0.0011													
213	8	10	1.250	1.02	-0.00	2.2838	1.4296	0.0275	0.0145	0.0086	2.6487	1.5729						
			0.0062	0.0028	0.0017	2.7574	2.2281	0.0258	0.0155	0.0085	3.0040	1.6507						
			0.0025	0.0013	0.0011													
213	9	10	1.251	2.05	-0.00	1.9603	1.7282	0.0573	0.0265	0.0184	2.3109	1.6086						
			0.0058	0.0022	0.0020	1.6414	1.3827	0.0518	0.0269	0.0173	2.6004	1.6679						
			0.0044	0.0014	0.0012													
213	10	10	1.251	3.08	-0.00	1.5862	1.5617	0.0838	0.0363	0.0280	2.1710	1.6727						
			0.0075	0.0023	0.0023	1.2878	1.7233	0.0756	0.0382	0.0258	2.5315	1.7105						
			0.0046	0.0012	0.0016													
213	11	10	1.251	4.14	-0.00	1.3658	1.6004	0.1056	0.0478	0.0356	2.2634	1.6897						
			0.0069	0.0019	0.0022	1.0039	1.4629	0.0972	0.0486	0.0339	2.5003	1.7462						
			0.0057	0.0011	0.0016													
213	12	10	1.250	6.17	-0.00	1.5286	1.4363	0.1579	0.0644	0.0554	2.0389	1.7553						
			0.0061	0.0006	0.0017	1.1546	1.5370	0.1430	0.0646	0.0513	2.2591	1.7931						
			0.0062	0.0014	0.0019													
213	13	10	1.251	8.26	-0.00	1.1656	2.1268	0.2315	0.0751	0.0825	1.6227	1.7823						
			0.0029	0.0006	0.0012	0.9761	1.4832	0.2162	0.0754	0.0782	1.7453	1.8103						
			0.0068	0.0013	0.0020													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
214	1	10	1.250	-4.00	-0.00	-0.4361	2.7899	-0.1134	-0.0386	-0.0381	1.7031	1.6793						
		11	0.0062	0.0005	0.0034	1.7143	1.0752	-0.1121	-0.0355	-0.0386	1.5844	1.7247						
		12	0.0089	0.0030	0.0019													
214	2	10	1.248	-3.00	-0.00	0.0157	2.4696	-0.0805	-0.0293	-0.0266	1.8181	1.6511						
		11	0.0079	0.0000	0.0039	1.6665	0.9815	-0.0768	-0.0252	-0.0266	1.7087	1.7304						
		12	0.0086	0.0028	0.0016													
214	3	10	1.251	-2.00	-0.00	-0.3171	2.5856	-0.0519	-0.0201	-0.0167	1.9427	1.6100						
		11	0.0071	0.0004	0.0036	1.1390	1.1458	-0.0492	-0.0174	-0.0170	1.7741	1.7286						
		12	0.0103	0.0023	0.0023													
214	4	10	1.251	-1.00	-0.00	-0.3714	2.3891	-0.0215	-0.0087	-0.0069	2.0250	1.6234						
		11	0.0074	0.0005	0.0035	0.8173	1.2257	-0.0187	-0.0064	-0.0069	1.7100	1.8612						
		12	0.0091	0.0015	0.0022													
214	5	10	1.252	-0.55	-0.00	-0.3776	2.6278	-0.0074	-0.0034	-0.0021	2.3067	1.4562						
		11	0.0072	0.0005	0.0038	0.8656	1.1539	-0.0043	-0.0012	-0.0024	1.4256	2.8367						
		12	0.0097	0.0016	0.0022													
214	6	10	1.251	-0.01	-0.00	-0.2130	2.2831	0.0055	0.0014	0.0025	1.2123	2.1345						
		11	0.0085	0.0001	0.0039	0.8527	1.1346	0.0107	0.0040	0.0024	1.8715	1.7447						
		12	0.0104	0.0017	0.0023													
214	7	10	1.252	0.48	-0.00	-0.5791	2.4605	0.0199	0.0070	0.0069	1.7542	1.7447						
		11	0.0072	0.0008	0.0035	0.6394	1.1268	0.0252	0.0094	0.0071	1.8606	1.4073						
		12	0.0095	0.0012	0.0021													
214	8	10	1.250	1.02	-0.00	-0.3021	2.3398	0.0341	0.0121	0.0112	1.7848	1.6903						
		11	0.0076	0.0018	0.0022	0.8856	1.0637	0.0381	0.0144	0.0112	1.8897	1.4707						
		12	0.0105	0.0018	0.0022													
214	9	10	1.250	2.04	-0.00	-0.2572	2.4629	0.0645	0.0224	0.0213	1.7354	1.6551						
		11	0.0070	0.0005	0.0034	0.8312	1.1133	0.0677	0.0245	0.0213	1.8144	1.5763						
		12	0.0096	0.0015	0.0021													
214	10	10	1.249	3.10	-0.00	-0.2896	2.4965	0.0976	0.0320	0.0324	1.6430	1.6908						
		11	0.0062	0.0005	0.0031	1.0186	1.1001	0.0992	0.0343	0.0324	1.7318	1.6354						
		12	0.0097	0.0019	0.0021													
214	11	10	1.251	4.12	-0.00	-0.8393	2.9234	0.1309	0.0408	0.0451	1.5612	1.7016						
		11	0.0049	0.0008	0.0029	0.8630	1.0912	0.1291	0.0421	0.0451	1.6332	1.6702						
		12	0.0108	0.0018	0.0023													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key												
214	12	10	1.251	6.19	-0.0023	-4.7745	5.4424	0.2035	0.0543	0.0709	1.3346	1.7423			
		11	0.0022	-0.0021	0.0023	0.0630	1.0912	0.1998	0.0568	0.0688	1.4214	1.7238			
		12	0.0108	0.0018	0.0023	0.0630	1.0912	0.1998	0.0568	0.0688	1.4214	1.7238			
214	13	10	1.251	6.26	-0.0020	7.6209	-5.9416	0.2891	0.0652	0.0983	1.1646	1.7559			
		11	-0.0013	-0.0020	0.0020	1.2673	0.0767	0.2730	0.0677	0.0960	1.2408	1.7581			
		12	-0.0115	0.0029	0.0020	1.2673	0.0767	0.2730	0.0677	0.0960	1.2408	1.7581			
215	1	10	1.101	4.08	-0.0008	-0.9264	2.4416	-0.1150	-0.0431	-0.0391	1.8754	1.7004			
		11	0.0073	-0.0000	0.0008	-0.0513	0.9367	-0.1064	-0.0404	-0.0367	1.8754	1.7004			
		12	0.0046	0.0000	0.0008	-0.0513	0.9367	-0.1064	-0.0404	-0.0367	1.8754	1.7004			
215	2	10	1.099	3.06	-0.0036	-0.6355	2.3849	-0.0833	-0.0321	-0.0284	1.9270	1.7051			
		11	0.0075	-0.0012	0.0036	-0.0312	0.8621	-0.0760	-0.0302	-0.0262	1.9270	1.7051			
		12	0.0058	0.0000	0.0010	-0.0312	0.8621	-0.0760	-0.0302	-0.0262	1.9270	1.7051			
215	3	10	1.099	2.08	-0.0038	-0.7765	2.3711	-0.0547	-0.0215	-0.0183	1.9641	1.6740			
		11	0.0081	-0.0012	0.0038	-0.6344	0.8180	-0.0468	-0.0198	-0.0162	1.9641	1.6740			
		12	0.0069	0.0008	0.0011	-0.6344	0.8180	-0.0468	-0.0198	-0.0162	1.9641	1.6740			
215	4	10	1.101	1.05	-0.0007	-0.6883	2.3641	-0.0255	-0.0107	-0.0068	2.0942	1.6097			
		11	0.0076	-0.0010	0.0007	-0.0580	0.7834	-0.0171	-0.0071	-0.0068	2.0942	1.6097			
		12	0.0048	0.0000	0.0007	-0.0580	0.7834	-0.0171	-0.0071	-0.0068	2.0942	1.6097			
215	5	10	1.100	0.54	-0.0034	-0.7515	2.2502	-0.0138	-0.0059	-0.0047	2.1652	1.7024			
		11	0.0077	-0.0011	0.0034	-0.1484	0.6922	-0.0052	-0.0023	-0.0025	2.1652	1.7024			
		12	0.0054	0.0001	0.0007	-0.1484	0.6922	-0.0052	-0.0023	-0.0025	2.1652	1.7024			
215	6	10	1.100	0.02	-0.0034	-0.5463	2.2628	0.0006	-0.0034	0.0003	-3.1676	2.7282			
		11	0.0073	-0.0004	0.0034	-0.3081	0.3953	0.0097	-0.0036	0.0017	-3.1676	2.7282			
		12	0.0073	0.0004	0.0008	-0.3081	0.3953	0.0097	-0.0036	0.0017	-3.1676	2.7282			
215	7	10	1.100	0.48	-0.0035	-0.3783	2.1648	0.0133	0.0048	0.0045	1.8078	1.7133			
		11	0.0083	-0.0006	0.0035	-0.0546	0.6653	0.0230	0.0089	0.0062	1.8078	1.7133			
		12	0.0056	0.0000	0.0007	-0.0546	0.6653	0.0230	0.0089	0.0062	1.8078	1.7133			
215	8	10	1.100	0.99	-0.0037	-0.3783	2.1648	0.0288	0.0107	0.0107	1.8694	1.6050			
		11	0.0083	-0.0001	0.0037	-0.1236	0.6267	0.0364	0.0145	0.0107	1.8694	1.6050			
		12	0.0060	0.0001	0.0007	-0.1236	0.6267	0.0364	0.0145	0.0107	1.8694	1.6050			
215	9	10	1.100	2.06	-0.0038	-0.5856	2.1397	0.0571	0.0212	0.0205	1.8593	1.6422			
		11	0.0090	-0.0010	0.0038	-0.5727	0.8361	0.0653	0.0259	0.0205	1.8593	1.6422			
		12	0.0067	0.0007	0.0011	-0.5727	0.8361	0.0653	0.0259	0.0205	1.8593	1.6422			

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt. Cd \longleftarrow See Key \longrightarrow

215	10	10	1.099	5.10	-0.0036	-1.2002	2.4307	0.0904	0.0338	0.0299	1.0735	1.6547
	11	11	0.0079	-0.0018	0.0005	0.5238	0.4504	0.0956	0.0369	0.0312	1.9317	1.6322
	12	12	0.0055	0.0005	0.0005	0.5238	0.4504	0.0956	0.0369	0.0312	1.9317	1.6322
215	11	10	1.098	4.13	-0.0042	-1.1434	2.2765	0.1191	0.0430	0.0398	1.8064	1.6707
	11	11	0.0092	-0.0021	0.0008	0.6651	0.7429	0.1261	0.0463	0.0419	1.8359	1.6626
	12	12	0.0059	0.0007	0.0008	0.6651	0.7429	0.1261	0.0463	0.0419	1.8359	1.6626
215	12	10	1.098	6.17	-0.0040	-1.0461	2.1440	0.1962	0.0603	0.0680	1.5379	1.7340
	11	11	0.0095	-0.0035	0.0011	1.0296	0.7177	0.2011	0.0627	0.0694	1.5585	1.7254
	12	12	0.0078	0.0016	0.0011	1.0296	0.7177	0.2011	0.0627	0.0694	1.5585	1.7254
215	13	10	1.100	8.25	-0.0040	-2.0930	2.4686	0.2863	0.0735	0.1011	1.2839	1.7664
	11	11	0.0082	-0.0047	0.0006	0.9881	0.4072	0.2902	0.0743	0.1029	1.2800	1.7728
	12	12	0.0077	0.0015	0.0006	0.9881	0.4072	0.2902	0.0743	0.1029	1.2800	1.7728
216	1	10	1.099	-4.04	-0.0012	0.6109	1.4475	-0.0448	-0.0353	-0.0173	3.9397	1.9358
	11	11	0.0043	0.0005	0.0076	0.9689	1.5569	-0.0222	-0.0273	-0.0084	6.1423	1.9049
	12	12	-0.0246	-0.0047	-0.0076	0.9689	1.5569	-0.0222	-0.0273	-0.0084	6.1423	1.9049
216	2	10	1.100	-3.06	-0.0014	0.7390	1.3133	-0.0325	-0.0201	-0.0122	4.3205	1.8660
	11	11	0.0056	0.0008	0.0032	0.2693	1.2833	-0.0199	-0.0249	-0.0074	6.2638	1.8649
	12	12	-0.0126	-0.0006	-0.0032	0.2693	1.2833	-0.0199	-0.0249	-0.0074	6.2638	1.8649
216	3	10	1.099	-2.10	-0.0016	1.1441	1.1689	-0.0156	-0.0181	-0.0066	5.8129	2.1267
	11	11	0.0069	0.0015	0.0003	0.6678	0.6310	-0.0140	-0.0168	-0.0049	6.0120	1.7675
	12	12	-0.0025	-0.0003	-0.0003	0.6678	0.6310	-0.0140	-0.0168	-0.0049	6.0120	1.7675
216	4	10	1.097	-1.03	-0.0017	1.3300	1.5594	-0.0052	-0.0079	-0.0028	7.5588	2.6585
	11	11	0.0056	0.0014	0.0003	0.8672	-1.5037	-0.0040	-0.0067	-0.0012	8.4430	1.5434
	12	12	-0.0012	-0.0002	0.0003	0.8672	-1.5037	-0.0040	-0.0067	-0.0012	8.4430	1.5434
216	5	10	1.097	-0.55	-0.0017	1.2636	1.4832	-0.0023	-0.0047	-0.0016	10.1259	3.4975
	11	11	0.0058	0.0014	0.0006	1.6372	-57.8619	-0.0012	-0.0037	-0.0002	14.5392	0.9686
	12	12	-0.0000	-0.0000	0.0006	1.6372	-57.8619	-0.0012	-0.0037	-0.0002	14.5392	0.9686
216	6	10	1.098	-0.03	-0.0014	1.4980	1.3198	0.0010	0.0009	-0.0007	4.5951	-3.6702
	11	11	0.0056	0.0016	0.0003	0.5170	-1.7500	-0.0000	0.0019	0.0003	4.5951	-3.6702
	12	12	-0.0010	-0.0001	0.0003	0.5170	-1.7500	-0.0000	0.0019	0.0003	4.5951	-3.6702
216	7	10	1.100	0.47	-0.0014	1.5712	1.5783	0.0029	0.0045	0.0005	7.7767	0.8606
	11	11	0.0047	0.0014	0.0004	4.3051	-3.9616	0.0032	0.0063	0.0017	9.6865	2.6651
	12	12	-0.0006	-0.0005	0.0004	4.3051	-3.9616	0.0032	0.0063	0.0017	9.6865	2.6651

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
216	11	10	1.099	0.99	-0.00	3.0750	1.9062	0.0093	0.0101	0.0028	5.3605	1.4936						
	11	11	0.0036	0.0015	0.0013	3.0001	-0.4390	0.0061	0.0115	0.0038	7.0832	2.3600						
	12	12	-0.0014	-0.0006	0.0001													
216	12	10	1.098	1.01	-0.00	2.0308	2.1653	0.0095	0.0101	0.0029	5.3404	1.5340						
	11	11	0.0034	0.0013	0.0015	2.9986	-0.5018	0.0065	0.0116	0.0039	6.7711	2.3089						
	12	12	-0.0012	-0.0007	0.0001													
216	13	10	1.100	2.03	-0.00	1.9752	2.1116	0.0208	0.0197	0.0070	4.7194	1.6988						
	11	11	0.0032	0.0012	0.0013	2.9775	-1.3905	0.0161	0.0212	0.0071	6.5712	2.2211						
	12	12	-0.0008	-0.0005	0.0002													
216	14	10	1.099	3.09	-0.00	1.1665	2.2555	0.0332	0.0282	0.0112	4.2557	1.6960						
	11	11	0.0013	0.0003	0.0006	1.6375	0.6615	0.0227	0.0280	0.0096	6.1525	2.1196						
	12	12	-0.0018	-0.0006	-0.0002													
216	15	10	1.100	4.10	-0.00	-4.6677	3.4303	0.0440	0.0357	0.0154	4.0579	1.7507						
	11	11	0.0005	-0.0005	0.0003	0.9995	1.0367	0.0331	0.0332	0.0129	5.0125	1.9520						
	12	12	-0.0029	-0.0005	-0.0006													
216	16	10	1.101	6.13	-0.00	50.8909	-8.4916	0.0676	0.0493	0.0304	2.8136	1.7340						
	11	11	0.0000	-0.0007	0.0001	0.7625	1.2989	0.0779	0.0473	0.0261	3.0363	1.8061						
	12	12	-0.0019	-0.0002	-0.0004													
216	17	10	1.100	8.25	-0.00	2.0664	1.3915	0.1637	0.0688	0.0573	2.1032	1.7497						
	11	11	0.0035	-0.0014	-0.0009	-0.0514	0.7315	0.1433	0.0639	0.0521	2.2322	1.8176						
	12	12	-0.0016	0.0000	-0.0002													
217	1	10	1.094	4.02	-0.00	0.0080	1.6088	-0.0170	-0.0058	-0.0071	1.7196	2.1031						
	11	11	0.0100	-0.0000	-0.0032	0.0080	2.0385	-0.0298	-0.0038	-0.0103	0.6502	1.7366						
	12	12	-0.0122	0.0007	-0.0049	-0.3065												
217	2	10	1.099	2.09	-0.00	0.3666	1.7485	0.0017	0.0013	-0.0005	3.9825	-1.4744						
	11	11	0.0073	-0.0005	-0.0025	0.3340	1.6619	0.0072	0.0033	-0.0015	2.3173	-1.0976						
	12	12	-0.0204	-0.0013	-0.0067													
217	3	10	1.092	1.05	-0.00	0.0322	2.3630	0.0034	0.0006	0.0005	1.0102	0.7346						
	11	11	0.0031	-0.0000	-0.0014	0.7794	1.5597	0.0164	0.0045	0.0050	1.3730	1.5174						
	12	12	-0.0220	-0.0034	-0.0068													
217	4	10	1.100	0.04	-0.00	1.1986	1.7100	0.0037	0.0005	0.0008	0.7611	1.1601						
	11	11	0.0077	-0.0018	-0.0026	1.6372	-5.8619	-0.0075	-0.0015	-0.0021	1.0123	1.4348						
	12	12	-0.0000	-0.0000	0.0001													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
217	5	10	1.098	0.019	0.98	-0.000	0.6960	1.9505	-0.0009	-0.0014	-0.0006	7.5102	3.2186					
		11	-0.0141	-0.0014	-0.0020	-0.0055	1.0092	1.4501	-0.0152	-0.0040	-0.0042	1.3165	1.3803					
217	6	10	1.099	2.01	-0.00	0.4038	1.6294	0.0042	-0.0003	0.0012	-0.4635	1.5034						
		11	-0.0203	-0.0016	-0.0074	-0.0074	0.9992	1.4064	-0.0098	-0.0021	-0.0025	1.0994	1.3084					
217	7	10	1.097	3.07	-0.00	0.5142	2.2337	0.0120	0.0023	0.0037	0.9733	1.5614						
		11	-0.0077	0.0017	-0.0027	-0.0034	-0.9619	1.4843	0.0040	0.0012	0.0023	1.5655	2.8803					
217	8	10	1.097	4.07	-0.00	0.6939	2.2808	0.0278	0.0069	0.0090	1.2537	1.6270						
		11	-0.0057	0.0010	-0.0026	-0.0026	-0.6762	1.5417	0.0278	0.0064	0.0098	1.1772	1.7763					
217	9	10	1.101	6.11	-0.00	2.6630	2.3308	0.0952	0.0303	0.0309	1.5918	1.6230						
		11	-0.0157	-0.0037	-0.0039	-0.0073	1.4341	1.5314	0.0747	0.0170	0.0255	1.1378	1.7068					
217	10	10	1.098	8.23	-0.00	-1.1965	3.6208	0.1490	0.0330	0.0497	1.1099	1.6679						
		11	-0.0003	0.0007	-0.0003	-0.0003	-8.0532	3.9636	0.1438	0.0327	0.0490	1.1369	1.7059					
218	1	10	1.000	4.08	-0.00	0.0788	2.2971	-0.1206	-0.0408	-0.0414	1.6942	1.7182						
		11	0.0085	0.0014	0.0002	0.0039	0.0788	0.4028	-0.1125	-0.0378	-0.0389	1.6812	1.7318					
218	2	10	0.999	2.08	-0.00	0.2156	2.1182	-0.0594	-0.0200	-0.0196	1.6833	1.6508						
		11	0.0063	0.0019	0.0006	0.0035	1.9005	0.6747	-0.0491	-0.0162	-0.0173	1.6515	1.7661					
218	3	10	1.001	1.03	-0.00	0.6174	2.1370	-0.0278	-0.0095	-0.0094	1.7103	1.7024						
		11	0.0103	0.0022	0.0008	0.0044	1.8093	0.6561	-0.0173	-0.0052	-0.0068	1.5084	1.9863					
218	4	10	1.000	0.03	-0.00	0.5076	2.1194	0.0035	0.0006	0.0011	0.9055	1.5586						
		11	0.0093	0.0017	0.0004	0.0039	1.8086	0.4366	0.0126	0.0042	0.0028	1.6739	1.1269					
218	5	10	0.999	0.98	-0.00	0.6042	1.9652	0.0316	0.0097	0.0103	1.5361	1.6288						
		11	0.0097	0.0011	0.0002	0.0038	1.8905	0.4004	0.0137	0.0122	1.6954	1.5070						

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																					
218	6	10	1.001	2.03	-0.00	0.6488	2.1092	0.0641	0.0209	0.0214	1.6327	1.6713	0.0091	0.0017	0.0002	1.6935	0.2733	0.0720	0.0241	0.0231	1.6774	1.6075		
			0.0050	0.0017	0.0036	0.0002	0.0036	0.0002	0.0036	0.0002	0.0036	0.0002	0.0036	0.0002	0.0036	0.0002	0.0036	0.0002	0.0036	0.0002	0.0036	0.0002	0.0036	0.0002
			0.999	4.09	-0.00	0.2801	2.1503	0.1327	0.0436	0.0451	1.6433	1.7011	0.0065	0.0004	0.0004	1.7421	0.3947	0.1391	0.0460	0.0466	1.6862	1.6758		
218	7	10	0.998	6.13	-0.00	-0.6720	2.2799	0.2159	0.0654	0.0749	1.5163	1.7348	0.0070	0.0021	0.0006	1.5290	0.4885	0.2176	0.0663	0.0754	1.5850	1.7338		
			0.0068	-0.0009	0.0031	0.0006	0.0031	0.0006	0.0031	0.0006	0.0031	0.0006	0.0031	0.0006	0.0031	0.0006	0.0031	0.0006	0.0031	0.0006	0.0031	0.0006	0.0031	
			0.0070	0.0021	0.0006	1.5290	0.4885	0.2176	0.0654	0.0749	1.5163	1.7348	0.0065	0.0004	0.0004	1.7421	0.3947	0.1391	0.0460	0.0466	1.6862	1.6758		
218	9	10	1.001	6.22	-0.00	-3.0532	3.0963	0.3020	0.0813	0.1070	1.3458	1.7718	0.0041	-0.0025	0.0005	1.5608	0.4207	0.3052	0.0829	0.1085	1.3586	1.7783		
			0.0065	-0.0020	0.0005	1.5608	0.4207	0.3052	0.0829	0.1085	1.3586	1.7783	0.0077	0.0016	0.0009	4.7044	1.9540	-0.0920	-0.0396	-0.0306	2.2237	1.7696		
			0.0012	0.0011	0.0009	4.7044	1.9540	-0.0920	-0.0396	-0.0306	2.2237	1.7696	0.998	4.06	-0.00	1.0677	3.9713	-0.0913	-0.0396	-0.0306	2.1693	1.6778		
219	2	10	1.000	3.07	-0.00	-1.607	1.9107	-0.0693	-0.0317	-0.0239	2.2861	1.7296	0.0066	0.0020	0.0000	-1.6491	-0.0013	-0.0636	-0.0285	-0.0212	2.2421	1.6716		
			-0.0014	0.0004	0.0000	-1.6491	-0.0013	-0.0636	-0.0285	-0.0212	2.2421	1.6716	0.997	-2.13	-0.00	1.3229	1.9535	-0.0429	-0.0176	-0.0127	2.3343	1.7609		
			0.997	-2.13	-0.00	1.3229	1.9535	-0.0429	-0.0176	-0.0127	2.3343	1.7609	0.0082	0.0006	0.0002	1.4244	1.9113	-0.0166	-0.0080	-0.0040	2.4195	1.6294		
219	4	10	0.999	1.04	-0.00	-1.4244	1.9113	-0.0166	-0.0080	-0.0060	2.4195	1.7993	0.0082	0.0006	0.0004	-1.4742	-4.4558	-0.0124	-0.0056	-0.0040	2.3475	1.6294		
			-0.0004	0.0006	0.0004	-1.4742	-4.4558	-0.0124	-0.0056	-0.0040	2.3475	1.6294	1.001	-0.55	-0.00	1.4052	1.7221	-0.0089	-0.0020	-0.0014	2.6244	1.9603		
			1.001	-0.55	-0.00	1.4052	1.7221	-0.0089	-0.0020	-0.0014	2.6244	1.9603	0.0087	0.0024	0.0000	56.4782	9.4021	-0.0045	-0.0020	-0.0014	2.2041	1.6246		
219	6	10	1.001	-0.03	-0.00	1.4424	1.9478	0.0049	0.0016	0.0011	1.6925	1.1174	0.0077	0.0022	0.0002	1.4424	1.3621	0.0065	0.0036	0.0027	2.1489	1.5789		
			0.0010	0.0008	0.0002	1.4424	1.3621	0.0065	0.0036	0.0027	2.1489	1.5789	1.000	0.47	-0.00	1.4068	1.8006	0.0113	0.0079	0.0034	2.0377	1.5284		
			0.0013	0.0010	0.0002	1.4068	1.8006	0.0113	0.0079	0.0034	2.0377	1.5284	0.0066	0.0024	0.0002	3.7323	0.9858	0.0170	0.0079	0.0055	2.3158	1.6171		

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd																					
219	8	10	1.001	0.0009	0.0023	-0.0002	3.4882	1.9004	0.0263	0.0119	0.0083	2.2576	1.5660	11	0.0078	0.0029	0.0002	0.0314	0.0141	0.0098	2.2520	1.5661
219	9	11	1.000	0.0019	2.02	0.0030	3.0384	2.1411	0.0520	0.0227	0.0169	2.1861	1.6284	12	0.0015	0.0009	0.0002	0.0548	0.0245	0.0184	2.2400	1.6779
219	10	11	1.001	0.0017	3.04	0.0004	3.2120	1.9764	0.0808	0.0347	0.0264	2.1891	1.6341	12	0.0020	0.0012	0.0004	0.0808	0.0361	0.0273	2.2378	1.6909
219	11	10	1.000	0.0016	4.09	0.0001	1.0264	1.9631	0.1114	0.0463	0.0373	2.0788	1.6752	11	0.0012	0.0011	0.0001	0.1103	0.0475	0.0379	2.1571	1.7216
219	12	11	0.999	0.0006	6.15	0.0000	0.5905	1.9603	0.1777	0.0673	0.0613	1.8947	1.7254	12	0.0001	0.0006	0.0000	0.1743	0.0683	0.0616	1.9595	1.7663
219	13	10	1.000	0.0010	8.20	0.0001	-1.5444	3.3257	0.2495	0.0852	0.0877	1.7080	1.7582	11	0.0007	0.0010	0.0001	0.2407	0.0843	0.0860	1.7528	1.7878
220	6	10	0.996	0.0004	4.07	0.0005	1.4191	1.6615	0.0708	0.0355	-0.0245	2.5123	1.7362	11	0.0052	0.0004	0.0005	-0.0686	-0.0341	-0.0225	2.4857	1.6423
220	7	10	0.995	0.0023	3.06	0.0006	1.4174	1.5783	0.0521	0.0267	0.0182	2.5660	1.7486	11	0.0047	0.0023	0.0006	-0.0509	-0.0251	-0.0165	2.4688	1.6230
220	8	10	0.995	0.0000	2.11	0.0001	1.5455	1.5645	0.0325	0.0173	0.0115	2.5647	1.7714	11	0.0037	0.0000	0.0001	0.0305	0.0156	0.0095	2.5641	1.5579
220	9	10	0.998	0.0023	1.04	0.0005	1.4174	1.5781	0.0107	0.0065	0.0039	2.0513	1.8278	11	0.0082	0.0023	0.0005	-0.0103	-0.0053	-0.0025	2.5697	1.8278
220	10	10	0.998	0.0022	0.56	0.0001	1.4970	1.6605	0.0074	0.0047	0.0028	2.1826	1.8122	11	0.0020	0.0022	0.0002	-0.0061	-0.0029	-0.0013	2.4051	1.8122

See Key

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key														
220	11	10	0.997	-0.05	-0.00	1.6402	1.5876	0.0030	0.0014	0.0009	2.4215	1.5941					
		11	0.0061	0.0026	0.0025	-2.1028	-0.0018	0.0030	0.0028	0.0020	4.5987	3.3036					
		12	-0.0011	0.0004	0.0000												
220	12	10	0.996	0.46	-0.00	1.6698	1.4690	0.0086	0.0049	0.0030	3.6313	1.7631					
		11	0.0083	0.0027	0.0024	-1.0821	-0.4172	0.0094	0.0069	0.0040	3.6406	2.1427					
		12	-0.0016	0.0003	0.0001												
220	13	10	0.998	0.99	-0.00	1.7111	1.7165	0.0190	0.0108	0.0065	3.6498	1.7154					
		11	0.0071	0.0028	0.0024	-1.5011	-2.7961	0.0186	0.0120	0.0074	3.2425	1.9992					
		12	-0.0002	0.0008	0.0001												
220	14	10	0.998	2.02	-0.00	1.5712	1.5783	0.0431	0.0215	0.0144	3.7728	1.6700					
		11	0.0077	0.0024	0.0024	8.1580	2.4079	0.0394	0.0218	0.0141							
		12	0.0005	0.0009	0.0002												
220	15	10	0.998	3.07	-0.00	1.3246	1.4728	0.0656	0.0312	0.0218	2.3814	1.6468					
		11	0.0082	0.0021	0.0024	56.4782	9.4027	0.0614	0.0322	0.0218	2.6212	1.7777					
		12	0.0000	0.0008	0.0001												
220	16	10	0.996	4.10	-0.00	1.2436	1.5444	0.0878	0.0413	0.0286	2.3549	1.6823					
		11	0.0079	0.0019	0.0024	-1.0335	0.5774	0.0810	0.0414	0.0286	2.5572	1.7680					
		12	-0.0011	0.0002	-0.0001												
220	17	10	0.998	6.11	-0.00	0.7825	1.4612	0.1338	0.0586	0.0456	2.1907	1.7273					
		11	0.0087	0.0013	0.0025	11.7442	3.0707	0.1274	0.0575	0.0456	2.2587	1.7929					
		12	0.0004	0.0010	0.0002												
220	18	10	0.998	8.21	-0.00	0.7765	1.4789	0.1827	0.0437	0.0610	1.1971	1.6700					
		11	0.0095	0.0014	0.0028	-18.3871	3.0380	0.1836	0.0451	0.0635	1.2287	1.7289					
		12	-0.0002	0.0008	-0.0001												
221	1	10	0.998	-4.05	-0.00	1.6280	1.3082	-0.0482	-0.0220	-0.0167	3.9088	1.7392					
		11	0.0068	-0.0022	0.0017	0.6955	1.5748	-0.0278	-0.0220	-0.0096	3.9642	1.7621					
		12	-0.0205	-0.0028	-0.0064												
221	2	10	0.996	-3.06	0.00	1.7018	1.2375	-0.0351	-0.0220	-0.0120	3.1307	1.7176					
		11	0.0071	-0.0024	0.0017	0.3993	1.3335	-0.0244	-0.0181	-0.0082	3.6985	1.6944					
		12	-0.0007	-0.0007	-0.0023												
221	3	10	0.997	-2.09	-0.00	1.7394	1.3919	-0.0170	-0.0132	-0.0061	3.8963	1.8070					
		11	0.0073	0.0025	0.0020	-0.0592	1.0018	-0.0143	-0.0113	-0.0044	3.9652	1.5636					
		12	-0.0034	0.0000	-0.0006												

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
221	4	10	0.995	-1.06	-0.0002	-0.0016	-0.0002	2.0659	1.3656	-0.0060	-0.0054	-0.0022	4.4732	1.8404				
		11	0.0059	0.0024	0.0002	0.0016	0.3216	0.4281	-0.0056	-0.0043	-0.0013	3.8728	1.2014					
		12	-0.0051	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002				
221	5	10	0.999	-0.54	-0.0002	-0.0013	-0.0001	2.1905	1.5115	-0.0034	-0.0022	-0.0011	3.3234	1.6171				
		11	0.0044	0.0019	0.0002	0.0013	0.3267	0.2136	-0.0025	-0.0013	-0.0005	2.6553	1.0505					
		12	-0.0031	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002				
221	6	10	1.000	-0.05	-0.0003	-0.0013	-0.0002	2.3329	1.2455	0.0011	0.0012	0.0002	5.5179	1.2013				
		11	0.0054	0.0025	0.0003	0.0013	1.1414	0.8482	0.0013	0.0021	0.0010	7.8748	3.9310					
		12	-0.0015	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003				
221	7	10	1.000	0.44	0.0009	0.0009	0.0002	2.7633	1.2055	0.0036	0.0046	0.0019	4.0262	1.6576				
		11	0.0039	0.0021	0.0009	0.0009	2.7633	1.2055	0.0029	0.0050	0.0018	8.4364	3.1727					
		12	-0.0006	0.0009	0.0009	0.0002	-6.6615	-1.9712	0.0029	0.0050	0.0018	3.2927	1.6764					
221	8	10	0.999	0.26	0.0009	0.0009	0.0000	2.5789	1.1165	0.0114	0.0098	0.0036	3.8740	1.6764				
		11	0.0042	0.0021	0.0009	0.0009	2.5789	1.1165	0.0067	0.0092	0.0040	5.2927	2.2992					
		12	-0.0015	0.0009	0.0009	0.0000	-1.8936	-0.0015	0.0067	0.0092	0.0040	3.2927	1.6764					
221	9	10	0.999	2.01	-0.0002	-0.0002	-0.0002	2.1154	1.1769	0.0246	0.0170	0.0081	3.3548	1.6418				
		11	0.0051	0.0021	0.0002	0.0002	2.1154	1.1769	0.0215	0.0170	0.0081	4.0037	1.9153					
		12	-0.0018	0.0003	-0.0002	-0.0002	-0.9594	0.7094	0.0215	0.0170	0.0081	3.3548	1.6418					
221	10	10	0.998	3.08	-0.0002	-0.0002	-0.0002	3.0139	0.6427	0.0411	0.0241	0.0134	3.9339	1.6330				
		11	0.0020	0.0012	0.0002	0.0002	3.0139	0.6427	0.0301	0.0239	0.0115	3.9699	1.9111					
		12	-0.0020	0.0002	-0.0002	-0.0002	-0.5998	0.6455	0.0301	0.0239	0.0115	3.9699	1.9111					
221	11	10	0.999	4.09	-0.0003	-0.0003	-0.0003	10.3978	1.4362	0.0577	0.0322	0.0190	3.7679	1.6493				
		11	0.0004	0.0003	0.0003	0.0003	10.3978	1.4362	0.0406	0.0291	0.0152	3.5888	1.8731					
		12	-0.0018	0.0003	-0.0003	-0.0003	-0.9912	1.4362	0.0406	0.0291	0.0152	3.5888	1.8731					
221	12	10	0.997	6.13	-0.0009	-0.0009	-0.0009	0.7459	1.0352	0.0965	0.0442	0.0329	2.2669	1.7043				
		11	0.0044	0.0006	0.0009	0.0009	0.7459	1.0352	0.0863	0.0419	0.0309	2.4300	1.7941					
		12	0.0000	0.0011	-0.0009	-0.0009	194.5113	-0.2962	0.0863	0.0419	0.0309	2.4300	1.7941					
221	13	10	0.997	6.19	-0.0006	-0.0006	-0.0006	1.1367	0.8361	0.1538	0.0419	0.0508	1.3634	1.6523				
		11	0.0040	0.0008	0.0006	0.0006	1.1367	0.8361	0.1458	0.0431	0.0508	1.4805	1.7417					
		12	-0.0005	0.0008	-0.0006	-0.0006	-7.6420	1.2600	0.1458	0.0431	0.0508	1.4805	1.7417					
222	1	10	0.993	4.05	-0.0005	-0.0005	-0.0005	2.6017	-0.0136	-0.0116	-0.0059	4.2642	3.1652					
		11	0.0029	0.0005	0.0005	0.0005	2.6017	-0.0136	-0.0116	-0.0059	-0.0012	4.2642	3.1652					
		12	-0.0040	0.0005	-0.0005	-0.0005	-1.2535	1.7064	-0.0136	-0.0116	-0.0012	4.2642	3.1652					

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key											
222	2	10	0.996	-3.07	-0.00	9.3459	-3.7097	-0.0096	-0.0005	-0.0041	4.9519	2.4232		
		11	0.0007	0.0013	-0.0005	1.0413	1.6257	0.0155	0.0003	0.0042	0.0965	1.3505		
		12	-0.0350	-0.0072	-0.0113									
222	3	10	0.997	-2.07	-0.00	2.3128	1.0187	-0.0018	-0.0049	-0.0016	13.1925	4.3927		
		11	0.0039	0.0018	0.0008	0.7238	1.5723	0.0166	0.0002	0.0048	0.0800	1.4566		
		12	-0.0246	-0.0035	-0.0077									
222	4	10	0.997	-1.05	-0.00	3.8405	-0.3130	0.0028	-0.0002	0.0000	-2.8954	0.0038		
		11	0.0022	0.0017	-0.0001	0.4981	1.4319	0.0100	0.0002	0.0029	0.1352	1.4654		
		12	-0.0141	-0.0014	-0.0040									
222	5	10	1.000	-0.55	-0.00	4.6157	-1.5899	0.0036	-0.0009	0.0004	-1.3365	0.5623		
		11	0.0017	0.0015	-0.0017	0.1913	1.3197	0.0049	0.0000	0.0018	0.0094	1.8894		
		12	-0.0065	-0.0002	-0.0017									
222	6	10	0.997	-0.06	-0.00	-1.0553	2.5775	0.0022	-0.0001	0.0005	-0.3399	1.2308		
		11	0.0037	0.0007	-0.0019	-1.2797	-1.5201	-0.0052	0.0000	-0.0012	-0.0866	1.1690		
		12	-0.0004	0.0001	0.0001									
222	7	10	0.999	-0.45	-0.00	0.0934	2.1175	0.0037	0.0006	0.0006	2.2686	0.9246		
		11	0.0083	0.0001	-0.0035	-2.1812								
		12	-0.0005	-0.0002	-0.0001									
222	8	10	1.001	-0.98	-0.00	0.5620	1.9220	0.0014	0.0027	0.0004	9.5908	1.4249		
		11	0.0094	0.0010	-0.0036	0.3967	1.0747	-0.0089	0.0013	-0.0021	-0.7308	1.1843		
		12	-0.0025	-0.0001	-0.0005									
222	9	10	0.999	-2.00	-0.00	0.8128	1.8101	0.0096	0.0009	0.0043	3.3369	1.5682		
		11	0.0285	0.0046	-0.0103	0.8521								
		12	-0.0056	-0.0009	-0.0014									
222	10	10	0.998	-3.04	-0.00	1.2384	1.7817	0.0195	0.0105	0.0062	2.6996	1.5902		
		11	0.0370	0.0091	-0.0131	0.9839	1.3118	-0.0123	0.0004	-0.0028	-0.1831	1.1660		
		12	-0.0090	-0.0017	-0.0023									
222	11	10	0.997	-4.07	-0.00	1.3707	1.8094	0.0306	0.0156	0.0039	3.5457	2.1667		
		11	0.0360	0.0098	-0.0130	0.9604								
		12	-0.0125	-0.0024	-0.0034									
222	12	10	0.996	-6.10	-0.00	1.2292	1.7858	0.0753	0.0306	0.0241	2.0303	1.6009		
		11	0.0310	0.0076	-0.0110	0.7612								
		12	-0.0084	-0.0012	-0.0023									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
222	13	10	0.999	0.19	-0.00	0.9355	1.9457	0.1102	0.0400	0.0300	1.7265	1.6445	-0.0210	-0.0040	-0.0005	0.3300	1.4455	0.0850	0.0357	0.0296	2.0820	1.7279
		11	-0.0056	-0.0003	-0.0016	0.3300	1.4455	0.0850	0.0357	0.0296	2.0820	1.7279	-0.0056	-0.0003	-0.0016	0.3300	1.4455	0.0850	0.0357	0.0296	2.0820	1.7279
		12	-0.0056	-0.0003	-0.0016	0.3300	1.4455	0.0850	0.0357	0.0296	2.0820	1.7279	-0.0056	-0.0003	-0.0016	0.3300	1.4455	0.0850	0.0357	0.0296	2.0820	1.7279
223	1	10	0.997	4.04	-0.00	1.0351	1.1542	-0.0060	0.0009	-0.0039	-0.7752	3.2095	0.0100	0.0020	-0.0023	-0.7494	1.4298	0.0001	0.0017	-0.0006	71.0081	-27.0940
		11	-0.0043	0.0006	-0.0012	-0.7494	1.4298	0.0001	0.0017	-0.0006	71.0081	-27.0940	-0.0043	0.0006	-0.0012	-0.7494	1.4298	0.0001	0.0017	-0.0006	71.0081	-27.0940
		12	-0.0043	0.0006	-0.0012	-0.7494	1.4298	0.0001	0.0017	-0.0006	71.0081	-27.0940	-0.0043	0.0006	-0.0012	-0.7494	1.4298	0.0001	0.0017	-0.0006	71.0081	-27.0940
223	2	10	0.997	2.06	-0.00	0.9611	0.0127	0.0063	0.0017	0.0011	1.3906	0.0601	0.0040	0.0007	-0.0006	0.9095	1.6459	0.0274	0.0060	0.0011	1.2520	0.0601
		11	-0.0040	-0.0007	-0.0006	0.9095	1.6459	0.0274	0.0060	0.0011	1.2520	0.0601	-0.0040	-0.0007	-0.0006	0.9095	1.6459	0.0274	0.0060	0.0011	1.2520	0.0601
		12	-0.0040	-0.0007	-0.0006	0.9095	1.6459	0.0274	0.0060	0.0011	1.2520	0.0601	-0.0040	-0.0007	-0.0006	0.9095	1.6459	0.0274	0.0060	0.0011	1.2520	0.0601
223	3	10	0.998	1.05	-0.00	0.0942	4.2972	0.0072	0.0016	0.0012	1.1577	0.0766	-0.0006	-0.0005	-0.0005	1.1666	1.6307	0.0257	0.0064	0.0000	1.2514	0.0766
		11	-0.0006	-0.0005	-0.0005	1.1666	1.6307	0.0257	0.0064	0.0000	1.2514	0.0766	-0.0006	-0.0005	-0.0005	1.1666	1.6307	0.0257	0.0064	0.0000	1.2514	0.0766
		12	-0.0006	-0.0005	-0.0005	1.1666	1.6307	0.0257	0.0064	0.0000	1.2514	0.0766	-0.0006	-0.0005	-0.0005	1.1666	1.6307	0.0257	0.0064	0.0000	1.2514	0.0766
223	4	10	0.998	0.03	-0.00	1.2535	1.6045	0.0027	-0.0000	0.0000	-0.0691	0.0022	-0.0164	-0.0046	-0.0002	0.6409	1.7209	-0.0200	-0.0040	-0.0060	1.2044	0.0022
		11	-0.0007	0.0001	-0.0002	0.6409	1.7209	-0.0200	-0.0040	-0.0060	1.2044	0.0022	-0.0007	0.0001	-0.0002	0.6409	1.7209	-0.0200	-0.0040	-0.0060	1.2044	0.0022
		12	-0.0007	0.0001	-0.0002	0.6409	1.7209	-0.0200	-0.0040	-0.0060	1.2044	0.0022	-0.0007	0.0001	-0.0002	0.6409	1.7209	-0.0200	-0.0040	-0.0060	1.2044	0.0022
223	5	10	0.995	0.99	-0.00	1.2357	1.0005	-0.0037	-0.0013	-0.0016	1.7901	2.250	-0.0106	-0.0009	-0.0006	1.7267	1.1685	-0.0255	-0.0065	-0.0076	1.2702	2.250
		11	-0.0020	-0.0009	-0.0006	1.7267	1.1685	-0.0255	-0.0065	-0.0076	1.2702	2.250	-0.0020	-0.0009	-0.0006	1.7267	1.1685	-0.0255	-0.0065	-0.0076	1.2702	2.250
		12	-0.0020	-0.0009	-0.0006	1.7267	1.1685	-0.0255	-0.0065	-0.0076	1.2702	2.250	-0.0020	-0.0009	-0.0006	1.7267	1.1685	-0.0255	-0.0065	-0.0076	1.2702	2.250
223	6	10	1.000	2.02	-0.00	0.7270	2.0277	-0.0030	-0.0024	-0.0015	4.0265	2.5570	-0.0133	-0.0019	-0.0012	0.9652	1.2093	-0.0197	-0.0054	-0.0057	1.3702	2.5570
		11	-0.0051	-0.0009	-0.0012	0.9652	1.2093	-0.0197	-0.0054	-0.0057	1.3702	2.5570	-0.0051	-0.0009	-0.0012	0.9652	1.2093	-0.0197	-0.0054	-0.0057	1.3702	2.5570
		12	-0.0051	-0.0009	-0.0012	0.9652	1.2093	-0.0197	-0.0054	-0.0057	1.3702	2.5570	-0.0051	-0.0009	-0.0012	0.9652	1.2093	-0.0197	-0.0054	-0.0057	1.3702	2.5570
223	7	10	0.997	4.05	-0.00	1.0479	0.6552	0.0154	0.0019	0.0051	0.6309	1.6647	-0.0040	0.0014	-0.0004	-0.1294	3.4360	0.0140	0.0019	0.0055	0.6796	1.6647
		11	-0.0005	0.0000	-0.0004	-0.1294	3.4360	0.0140	0.0019	0.0055	0.6796	1.6647	-0.0005	0.0000	-0.0004	-0.1294	3.4360	0.0140	0.0019	0.0055	0.6796	1.6647
		12	-0.0005	0.0000	-0.0004	-0.1294	3.4360	0.0140	0.0019	0.0055	0.6796	1.6647	-0.0005	0.0000	-0.0004	-0.1294	3.4360	0.0140	0.0019	0.0055	0.6796	1.6647
223	8	10	0.976	6.11	-0.00	4.6293	3.0512	0.0594	0.0193	0.0193	1.6103	1.7245	-0.0021	0.0020	-0.0008	-4.7040	2.2610	0.0566	0.0193	0.0193	1.7110	1.7245
		11	-0.0017	0.0006	-0.0008	-4.7040	2.2610	0.0566	0.0193	0.0193	1.7110	1.7245	-0.0017	0.0006	-0.0008	-4.7040	2.2610	0.0566	0.0193	0.0193	1.7110	1.7245
		12	-0.0017	0.0006	-0.0008	-4.7040	2.2610	0.0566	0.0193	0.0193	1.7110	1.7245	-0.0017	0.0006	-0.0008	-4.7040	2.2610	0.0566	0.0193	0.0193	1.7110	1.7245
223	9	10	0.995	0.10	-0.00	1.2570	1.0309	0.1097	0.0325	0.0316	1.4031	1.7422	-0.0112	-0.0004	-0.0009	0.7275	1.6536	0.0909	0.0306	0.0316	1.6044	1.7422
		11	-0.0029	-0.0004	-0.0009	0.7275	1.6536	0.0909	0.0306	0.0316	1.6044	1.7422	-0.0029	-0.0004	-0.0009	0.7275	1.6536	0.0909	0.0306	0.0316	1.6044	1.7422
		12	-0.0029	-0.0004	-0.0009	0.7275	1.6536	0.0909	0.0306	0.0316	1.6044	1.7422	-0.0029	-0.0004	-0.0009	0.7275	1.6536	0.0909	0.0306	0.0316	1.6044	1.7422
224	1	10	0.097	-4.05	-0.00	0.0140	1.1424	-0.0072	-0.0014	-0.0045	0.9124	2.0621	-0.0065	0.0014	-0.0005	0.0673	1.7029	-0.0002	-0.0006	-0.0007	-12.9630	2.0621
		11	-0.0017	0.0001	-0.0005	0.0673	1.7029	-0.0002	-0.0006	-0.0007	-12.9630	2.0621	-0.0017	0.0001	-0.0005	0.0673	1.7029	-0.0002	-0.0006	-0.0007	-12.9630	2.0621
		12	-0.0017	0.0001	-0.0005	0.0673	1.7029	-0.0002	-0.0006	-0.0007	-12.9630	2.0621	-0.0017	0.0001	-0.0005	0.0673	1.7029	-0.0002	-0.0006	-0.0007	-12.9630	2.0621

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																				
224	2	10	0.899	-2.08	-0.00	5.0738	-3.8640	0.0005	-0.0011	-0.0007	-10.9122	-7.1497	0.0009	0.0009	-0.0007	0.9577	1.5993	0.0179	0.0048	0.0052	1.3414	1.4558	
		11	-0.0272	-0.0052	-0.0007																		
		12																					
224	3	10	0.896	-1.04	-0.00	1.1482	1.3509	0.0005	-0.0005	0.0001	-5.0886	1.4839	0.0011	0.0003	-0.0007	1.0542	1.5456	0.0203	0.0046	0.0065	1.1352	1.6183	
		11	-0.0245	-0.0051	-0.0075																		
		12																					
224	4	10	0.899	-0.04	-0.00	0.9871	4.3637	0.0049	-0.0008	0.0007	0.8585	0.7903	0.0139	0.0001	-0.0004	0.9814	4.3637	-0.0164	-0.0032	-0.0048	0.9750	1.4618	
		11	-0.0005	-0.0001	0.0004																		
		12																					
224	5	10	0.897	0.97	0.00	1.1836	1.9017	0.0010	-0.0006	0.0003	3.0446	1.4780	0.0190	0.0045	-0.0072	1.6366	1.5058	-0.0216	-0.0053	-0.0062	1.2489	1.4429	
		11	-0.0030	-0.0010	-0.0009																		
		12																					
224	6	10	0.897	2.00	0.00	0.9760	1.8016	0.0037	-0.0016	0.0015	2.2014	2.0611	0.0262	0.0051	-0.0029	0.9895	1.3901	-0.0156	-0.0041	-0.0037	1.5334	1.2028	
		11	-0.0262	-0.0020	-0.0009																		
		12	-0.0104	-0.0020	-0.0009																		
224	7	10	0.896	4.11	-0.00	1.8208	-3.5577	0.0182	0.0054	0.0058	1.4868	1.8187	0.0010	0.0009	-0.0012	1.8208	-3.5577	0.0182	0.0054	0.0058	1.2919	1.8187	
		11	-0.0010	-0.0009	-0.0012																		
		12	-0.0036	-0.0009	-0.0012																		
224	8	10	0.897	6.10	-0.00	1.9523	1.9990	0.0698	0.0235	0.0234	1.6632	1.6756	0.0107	0.0041	-0.0009	0.7522	1.9689	0.0528	0.0185	0.0191	1.7901	1.8085	
		11	-0.0107	-0.0003	-0.0009																		
		12	-0.0023	-0.0003	-0.0009																		
224	9	10	0.899	8.15	-0.00	1.0993	1.9425	0.1150	0.0354	0.0377	1.5407	1.6394	0.0124	0.0048	-0.0012	0.6493	1.7101	0.0936	0.0323	0.0320	1.7254	1.7102	
		11	-0.0124	-0.0004	-0.0012																		
		12	-0.0035	-0.0004	-0.0012																		
225	1	10	0.897	-4.01	-0.00	0.6935	-6.2991	-0.0186	-0.0036	-0.0075	3.7500	2.0225	0.0007	0.0009	-0.0012	0.6935	-6.2991	-0.0186	-0.0036	-0.0075	-4.7117		
		11	-0.0007	-0.0009	-0.0012																		
		12	-0.0365	-0.0086	-0.0012																		
225	2	10	0.899	-2.05	-0.00	2.4388	1.4355	-0.0002	-0.0023	-0.0021	-1.3668	26.0862	0.0035	0.0016	-0.0009	2.4388	1.4355	-0.0002	-0.0023	-0.0021	-1.3668	1.2160	
		11	-0.0035	-0.0016	-0.0009																		
		12	-0.0147	-0.0018	-0.0042																		
225	3	10	0.898	-1.02	-0.00	2.7345	0.5999	0.0017	-0.0021	0.0000	-5.9522	0.0037	0.0020	-0.0004	2.7345	0.5999	0.0017	-0.0021	0.0000	-5.9522	0.0037	0.0037	
		11	-0.0037	-0.0020	-0.0004																		
		12	-0.0063	-0.0004	-0.0013																		

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																								
225	4	0.897	-0.003	-0.000	-0.000	-0.000	-0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.1089	1.3461	
	11	0.0011	0.0013	-0.0012	-0.0012	-0.0012	5.1602	0.0010	0.0002	0.0003	0.0003	0.0004	-0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
	12	-0.0017	0.0000	0.0000	0.0000	0.0000	0.0005	-0.0044	0.0002	-0.0011	-0.0011	0.0004	-0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
225	5	0.897	1.001	-0.000	-0.000	-0.000	2.2843	0.0038	0.0036	0.0013	0.0036	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
	11	0.0009	0.0001	-0.0040	-0.0040	-0.0040	0.4370	-0.0068	0.0036	0.0020	0.0036	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
	12	-0.0017	0.0000	-0.0001	-0.0001	-0.0001	0.0000	0.0000	0.0022	-0.0020	-0.0020	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
225	6	0.898	2.005	-0.000	-0.000	-0.000	1.9328	0.0068	0.0073	0.0025	0.0073	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
	11	0.0227	0.0031	-0.0068	-0.0068	-0.0068	0.0000	0.0000	0.0021	0.0036	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
	12	-0.0049	-0.0008	-0.0012	-0.0012	-0.0012	0.0000	0.0000	0.0021	-0.0012	-0.0012	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
225	7	0.897	4.006	-0.010	-0.010	-0.010	1.8215	0.0346	0.0178	0.0116	0.0346	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178
	11	0.0418	0.0110	-0.0127	-0.0127	-0.0127	0.0000	0.0000	0.0178	0.0116	0.0346	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178
	12	-0.0103	-0.0019	-0.0027	-0.0027	-0.0027	0.0000	0.0000	0.0178	0.0116	0.0346	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178	0.0178
225	8	0.897	6.005	-0.013	-0.013	-0.013	1.8415	0.0613	0.0323	0.0264	0.0613	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323
	11	0.0370	0.0014	-0.0136	-0.0136	-0.0136	0.0000	0.0000	0.0323	0.0264	0.0613	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323
	12	-0.0073	-0.0014	-0.0021	-0.0021	-0.0021	0.0000	0.0000	0.0323	0.0264	0.0613	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323	0.0323
225	9	0.897	8.004	-0.004	-0.004	-0.004	2.0221	0.1229	0.0419	0.0405	0.1229	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419
	11	0.0196	0.0004	-0.0079	-0.0079	-0.0079	0.0000	0.0000	0.0419	0.0405	0.1229	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419
	12	-0.0046	-0.0004	-0.0015	-0.0015	-0.0015	0.0000	0.0000	0.0419	0.0405	0.1229	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419	0.0419
226	1	0.898	4.005	-0.005	-0.005	-0.005	1.528	0.0477	0.0268	0.0168	0.0477	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268
	11	0.0080	0.0024	-0.0018	-0.0018	-0.0018	0.0000	0.0000	0.0268	0.0168	0.0477	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268
	12	-0.0207	-0.0052	-0.0054	-0.0054	-0.0054	0.0000	0.0000	0.0268	0.0168	0.0477	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268	0.0268
226	2	0.897	3.002	-0.000	-0.000	-0.000	1.1732	0.0290	0.0201	0.0107	0.0290	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
	11	0.0076	0.0026	-0.0018	-0.0018	-0.0018	0.0000	0.0000	0.0201	0.0107	0.0290	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
	12	-0.0064	-0.0008	-0.0009	-0.0009	-0.0009	0.0000	0.0000	0.0201	0.0107	0.0290	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201	0.0201
226	3	0.899	2.008	-0.000	-0.000	-0.000	1.1414	0.0180	0.0131	0.0064	0.0180	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131
	11	0.0090	0.0027	-0.0018	-0.0018	-0.0018	0.0000	0.0000	0.0131	0.0064	0.0180	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131
	12	-0.0034	-0.0003	-0.0003	-0.0003	-0.0003	0.0000	0.0000	0.0131	0.0064	0.0180	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131	0.0131
226	4	0.900	1.006	-0.000	-0.000	-0.000	0.9673	0.0058	0.0043	0.0026	0.0058	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
	11	0.0023	0.0033	-0.0018	-0.0018	-0.0018	0.0000	0.0000	0.0043	0.0026	0.0058	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
	12	-0.0024	0.0000	-0.0001	-0.0001	-0.0001	0.0000	0.0000	0.0043	0.0026	0.0058	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
226	5	0.897	0.055	-0.000	-0.000	-0.000	0.9283	0.0032	0.0021	0.0014	0.0032	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
	11	0.0089	0.0030	-0.0016	-0.0016	-0.0016	0.0000	0.0000	0.0021	0.0014	0.0032	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
	12	-0.0026	-0.0001	-0.0000	-0.0000	-0.0000	0.0000	0.0000	0.0021	0.0014	0.0032	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																					
226	6	10	0.898	-0.004	-0.000	2.1437	0.9438	-0.0000	0.0010	-0.0009	5.9417	84.9536	11	0.0072	0.0030	0.0001	0.1562	0.2271	0.0018	0.0021	0.0009	2.4867	
		12	-0.0033	-0.0001	-0.0001	0.0013	0.0000	-0.0000	0.0000	0.0000													
226	7	10	0.898	0.47	0.000	2.3289	0.9947	0.0045	0.0042	0.0013	4.6913	1.5376	11	0.0060	0.0028	0.0003	-0.0460	0.5471	0.0051	0.0054	0.0022	5.2854	2.1875
		12	-0.0027	0.0000	-0.0003	0.0012	0.0000	-0.0000	0.0000	0.0000													
226	11	10	0.898	0.99	0.000	15.1921	7.4500	0.0096	0.0077	0.0028	4.0516	1.4649	11	0.0005	0.0016	0.0001	-2.0638	-0.6041	0.0075	0.0082	0.0035	5.4408	2.3207
		12	-0.0012	0.0005	0.0001	0.0007	0.0000	-0.0000	0.0000	0.0000													
226	12	10	0.897	2.02	0.000	3.5623	3.3886	0.0224	0.0151	0.0073	3.3825	1.6311	11	0.0020	0.0014	0.0003	-1.8573	1.3944	0.0206	0.0161	0.0078	3.9108	1.9098
		12	-0.0010	0.0004	-0.0003	0.0013	0.0000	-0.0000	0.0000	0.0000													
226	13	10	0.897	3.05	0.000	2.1863	3.4574	0.0410	0.0241	0.0134	3.9450	1.6388	11	0.0024	0.0010	0.0006	-1.7765	-0.0014	0.0329	0.0238	0.0126	3.6131	1.9192
		12	-0.0011	0.0003	0.0000	0.0016	0.0000	-0.0000	0.0000	0.0000													
226	14	10	0.895	4.06	0.000	0.8458	2.8714	0.0514	0.0300	0.0172	3.9252	1.6725	11	0.0023	0.0004	0.0003	-2.1028	-0.0018	0.0421	0.0267	0.0156	3.4132	1.8810
		12	-0.0012	0.0005	0.0000	0.0013	0.0000	-0.0000	0.0000	0.0000													
226	15	10	0.900	6.13	0.000	0.0390	3.2762	0.0967	0.0446	0.0326	2.3060	1.6871	11	0.0020	0.0009	0.0001	-0.0390	1.2600	0.0873	0.0421	0.0314	2.4117	1.8020
		12	-0.0005	0.0009	-0.0001	0.0013	0.0000	-0.0000	0.0000	0.0000													
226	16	10	0.897	8.19	0.000	0.4083	4.6415	0.1550	0.0450	0.0519	1.4543	1.6742	11	0.0019	0.0001	0.0018	-0.4083	1.1209	0.1476	0.0460	0.0518	1.5606	1.7550
		12	-0.0006	0.0006	-0.0001	0.0018	0.0000	-0.0000	0.0000	0.0000													
227	1	10	0.898	4.05	0.000	1.3765	2.1015	-0.0786	-0.0360	-0.0270	2.2900	1.7203	11	0.0077	0.0021	0.0032	0.4387	0.0018	-0.0360	-0.0340	-0.0243	2.2516	1.6094
		12	-0.0042	-0.0003	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000													
227	2	10	0.896	3.05	0.000	1.1725	2.4353	-0.0561	-0.0262	-0.0188	2.3369	1.6814	11	0.0057	0.0013	0.0027	0.3316	0.0009	-0.0550	-0.0248	-0.0174	2.2578	1.5872
		12	-0.0036	-0.0002	-0.0000	0.0000	0.0000	-0.0000	0.0000	0.0000													
227	3	10	0.899	2.09	0.000	1.4397	1.9926	-0.0363	-0.0174	-0.0121	2.3969	1.6773	11	0.0072	0.0021	0.0029	0.3656	0.2370	-0.0320	-0.0151	-0.0102	2.3717	1.6023
		12	-0.0032	-0.0002	-0.0001	0.0001	0.0000	-0.0000	0.0000	0.0000													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

← See Key →

Run	Pt.	Cd																									
227	4	10	0.900	-1.05	-0.0025	0.0017	0.0001	-0.00	0.3567	2.0547	-0.0132	-0.0080	-0.0053	2.6276	1.6854												
		11	-0.0062	0.0001	0.0025	0.0001	0.0001	0.0000	0.1907	-0.2504	-0.0115	-0.0055	-0.0033	2.3903	1.4326												
		12	-0.0030	-0.0001	0.0001	-0.0001	0.0001	0.0000																			
227	5	10	0.898	-0.56	-0.0029	0.0017	0.0000	-0.00	1.5358	2.5937	-0.0064	-0.0030	-0.0021	2.3801	1.7056												
		11	-0.0026	0.0000	0.0029	0.0000	0.0000	0.0000	-0.0503	0.0005	-0.0047	-0.0016	-0.0009	1.6952	0.9413												
		12	-0.0021	0.0000	-0.0000	0.0000	-0.0000	0.0000																			
227	6	10	0.898	-0.03	-0.0026	0.0017	0.0001	-0.00	1.4385	2.1859	0.0050	0.0026	0.0018	2.6929	1.8357												
		11	-0.0059	0.0001	0.0026	0.0001	0.0001	0.0000	-0.4355	-0.4902	0.0065	0.0037	0.0024	2.6756	1.8443												
		12	-0.0015	0.0001	0.0001	0.0001	0.0001	0.0000																			
227	7	10	0.900	0.46	-0.0026	0.0016	0.0003	-0.00	1.8046	2.5402	0.0108	0.0057	0.0037	2.6552	1.7268												
		11	-0.0051	0.0003	0.0026	0.0003	0.0003	0.0000	-1.6977	-1.3374	0.0136	0.0074	0.0045	2.7235	1.6656												
		12	-0.0011	0.0003	0.0003	0.0003	0.0003	0.0000																			
227	8	10	0.899	0.97	-0.0026	0.0016	0.0001	-0.00	1.6876	2.3787	0.0173	0.0093	0.0063	2.6838	1.8300												
		11	-0.0054	0.0001	0.0026	0.0001	0.0001	0.0000	0.2902	0.3898	0.0209	0.0114	0.0075	2.7327	1.8082												
		12	-0.0019	-0.0001	-0.0001	-0.0001	-0.0001	0.0000																			
227	9	10	0.899	2.01	-0.0027	0.0011	0.0003	-0.00	1.6842	2.2044	0.0425	0.0197	0.0140	2.3186	1.6488												
		11	-0.0062	0.0003	0.0027	0.0003	0.0003	0.0000	-2.4383	-1.9317	0.0443	0.0215	0.0154	2.4364	1.7462												
		12	-0.0007	0.0003	0.0003	0.0003	0.0003	0.0000																			
227	10	10	0.899	3.04	-0.0030	0.0019	0.0002	-0.00	1.3946	2.1611	0.0655	0.0297	0.0222	2.2667	1.6981												
		11	-0.0070	0.0002	0.0030	0.0002	0.0002	0.0000	-1.3564	-0.0009	0.0671	0.0314	0.0235	2.3403	1.7495												
		12	-0.0009	0.0002	0.0000	0.0002	0.0000	0.0000																			
227	11	10	0.898	4.07	-0.0032	0.0015	0.0006	-0.00	1.1118	2.2521	0.0931	0.0402	0.0315	2.1631	1.6927												
		11	-0.0071	0.0006	0.0032	0.0006	0.0006	0.0000	-1.4865	-75.7797	0.0892	0.0410	0.0312	2.2970	1.7531												
		12	-0.0000	0.0006	0.0006	0.0006	0.0006	0.0000																			
227	12	10	0.899	6.14	-0.0035	0.0009	0.0003	-0.00	2.5449	2.0691	0.1406	0.0558	0.0484	1.9655	1.7216												
		11	-0.0064	0.0003	0.0035	0.0003	0.0003	0.0000	-2.5789	-0.0023	0.1394	0.0555	0.0495	1.9929	1.7780												
		12	-0.0007	0.0003	0.0000	0.0003	0.0000	0.0000																			
227	13	10	0.897	8.20	-0.0024	0.0000	0.0004	-0.00	2.3333	1.1037	0.1945	0.0508	0.0661	1.3056	1.6995												
		11	-0.0052	0.0000	0.0024	0.0000	0.0004	0.0000	-0.0118	0.0621	0.1913	0.0507	0.0668	1.3269	1.7480												
		12	-0.0020	0.0000	-0.0004	0.0000	-0.0004	0.0000																			
228	1	10	0.900	-4.08	-0.0044	0.0007	0.0000	-0.00	3.3417	2.7022	-0.1144	-0.0417	-0.0384	1.8252	1.6812												
		11	-0.0062	0.0005	0.0044	0.0005	0.0005	0.0000	0.0168	0.0005	-0.1052	-0.0363	-0.0361	1.8206	1.7150												
		12	0.0012	0.0007	0.0000	0.0007	0.0000	0.0000																			

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																						
228	2	10	0.698	-3.05	-0.00	0.5474	2.2712	-0.0029	-0.0306	-0.0276	1.6465	1.6676	0.097	0.0010	0.0044	0.0030	0.0014	0.0006	2.3274	1.0187	-0.0750	-0.0272	-0.0252	1.6182	1.6616
228	3	10	0.698	-2.06	-0.00	0.5372	2.5915	-0.0534	-0.0196	-0.0173	1.6422	1.6255	0.066	0.0009	0.0045	0.0028	0.0012	0.0003	2.2685	0.5441	-0.0447	-0.0161	-0.0152	1.6010	1.7064
228	4	10	0.698	-1.04	-0.00	0.3727	2.7500	-0.0251	-0.0090	-0.0079	1.6074	1.5888	0.075	0.0005	0.0041	0.0020	0.0010	0.0001	2.5029	0.3739	-0.0166	-0.0054	-0.0060	1.6500	1.6214
228	5	10	0.901	-0.56	-0.00	0.6489	2.3823	-0.0134	-0.0047	-0.0040	1.7731	1.5066	0.092	0.0012	0.0044	0.0028	0.0012	0.0003	2.2685	0.5441	-0.0045	-0.0010	-0.0018	1.7798	1.9866
228	6	10	0.900	-0.04	-0.00	0.5260	2.1603	0.0029	0.0009	0.0016	1.652	3.1136	0.066	0.0009	0.0038	0.0030	0.0014	0.0001	2.3184	0.2526	0.0111	0.0042	0.0030	1.6929	1.3533
228	7	10	0.900	0.46	-0.00	0.6568	2.3071	0.0157	0.0057	0.0056	1.8340	1.8747	0.092	0.0011	0.0042	0.0022	0.0011	0.0003	2.5568	0.6799	0.0235	0.0087	0.0070	1.8659	1.5054
228	8	10	0.897	1.01	-0.00	0.2519	2.3390	0.0346	0.0123	0.0116	1.7817	1.6880	0.065	0.0009	0.0004	0.0028	0.0012	0.0004	2.2715	0.6192	0.0396	0.0149	0.0125	1.8616	1.5674
228	9	10	0.900	2.01	-0.00	0.3676	2.6711	0.0595	0.0215	0.0197	1.8129	1.6556	0.071	0.0005	0.0038	0.0022	0.0011	0.0003	2.5568	0.6799	0.0658	0.0244	0.0214	1.8607	1.6295
228	10	10	0.899	3.07	-0.00	0.4071	2.6958	0.0950	0.0349	0.0324	1.8375	1.7079	0.066	0.0005	0.0036	0.0028	0.0012	0.0004	2.2715	0.6192	0.0990	0.0370	0.0331	1.8689	1.6722
228	11	10	0.898	4.10	-0.00	0.5121	2.5052	0.1254	0.0451	0.0429	1.7982	1.7109	0.079	0.0008	0.0039	0.0026	0.0011	0.0000	2.2013	0.0018	0.1311	0.0475	0.0446	1.8148	1.7020
228	12	10	0.899	6.13	-0.00	0.0351	3.1408	0.2002	0.0675	0.0698	1.6869	1.7452	0.055	0.0000	0.0035	0.0044	0.0016	0.0006	0.0382	0.6835	0.2036	0.0692	0.0711	1.6998	1.7476

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
228	13	10	0.099	0.007	0.000	-1.0190	4.2324	0.2838	0.0882	0.1005	1.5546	1.7712						
		11	0.036	-0.007	0.003	2.0131	0.4844	0.2855	0.0889	0.1020	1.5566	1.7868						
		12	0.031	0.0012	0.0003													
229	1	10	0.799	4.05	0.000	0.7000	2.2548	-0.1098	-0.0389	-0.0371	1.7715	1.6897						
		11	0.109	0.0015	0.0005	3.0542	1.5715	-0.1000	-0.0353	-0.0341	1.7697	1.7054						
		12	0.016	0.0010	0.0005													
229	2	10	0.799	3.02	0.000	0.6718	2.3117	-0.0804	-0.0291	-0.0288	1.8099	1.6706						
		11	0.103	0.0013	0.0005	2.5622	1.0252	-0.0694	-0.0248	-0.0236	1.7924	1.7062						
		12	0.026	0.0013	0.0005													
229	3	10	0.798	1.03	0.000	0.6696	2.4797	-0.0217	-0.0077	-0.0067	1.7843	1.5466						
		11	0.093	0.0012	0.0005	2.5142	1.1336	-0.0133	-0.0044	-0.0049	1.6554	1.8367						
		12	0.023	0.0011	0.0005													
229	4	10	0.799	0.54	0.000	0.7549	2.2601	-0.0107	-0.0037	-0.0034	1.7708	1.6073						
		11	0.102	0.0015	0.0005	2.5142	1.1336	-0.0031	-0.0006	-0.0017	1.6810	1.8115						
		12	0.023	0.0011	0.0005													
229	5	10	0.799	0.04	0.000	0.6997	2.4930	0.0042	0.0016	0.0019	1.8941	2.3450						
		11	0.089	0.0012	0.0001	3.0275	0.4500	0.0121	0.0046	0.0033	1.9118	1.8798						
		12	0.019	0.0011	0.0001													
229	6	10	0.799	0.47	0.000	0.7280	2.3223	0.0145	0.0054	0.0055	1.8596	1.9271						
		11	0.025	0.0013	0.0003	2.5568	0.6799	0.0252	0.0093	0.0073	1.8599	1.4641						
		12	0.026	0.0013	0.0003													
229	7	10	0.799	1.00	0.000	0.8063	2.1213	0.0306	0.0112	0.0104	1.8353	1.7093						
		11	0.104	0.0016	0.0005	2.3244	0.7611	0.0386	0.0141	0.0119	1.8236	1.5449						
		12	0.035	0.0016	0.0005													
229	8	10	0.798	2.02	0.000	0.7202	2.0065	0.0585	0.0219	0.0200	1.7977	1.7150						
		11	0.106	0.0015	0.0008	2.3305	1.2786	0.0669	0.0243	0.0214	1.8182	1.6041						
		12	0.034	0.0016	0.0008													
229	9	10	0.798	3.06	0.000	0.5421	2.7806	0.0941	0.0337	0.0318	1.7947	1.6922						
		11	0.073	0.0007	0.0005	2.2715	0.8192	0.0979	0.0352	0.0327	1.8002	1.6727						
		12	0.032	0.0014	0.0005													
229	10	10	0.796	4.08	0.000	0.4805	2.3962	0.1241	0.0431	0.0428	1.7394	1.7264						
		11	0.081	0.0007	0.0008	2.1880	1.0149	0.1264	0.0444	0.0429	1.7588	1.6970						
		12	0.043	0.0019	0.0008													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key															
229	11	0.799	6.11	-0.00	0.5752	2.3455	0.1076	0.0603	0.0653	1.6092	1.7425						
	11	0.0094	0.0011	0.0044	0.5029	0.3739	0.1925	0.0622	0.0674	1.6171	1.7517						
	12	0.0023	0.0011	0.0001													
229	12	0.796	0.119	-0.00	-0.0210	3.2036	0.2700	0.0740	0.0965	1.3665	1.7031						
	11	0.0044	-0.0013	0.0020	-1.9390	0.2597	0.2716	0.0746	0.0972	1.3742	1.7909						
	12	0.0034	0.0013	0.0001													
230	1	0.796	-4.04	-0.00	1.1576	1.7695	-0.0002	-0.0342	-0.0272	2.1344	1.7010						
	11	0.0066	0.0020	0.0030	1.3082	-0.3037	-0.0703	-0.0322	-0.0253	2.0591	1.6149						
	12	-0.0023	-0.0001	0.0001													
230	2	0.799	-3.02	-0.00	1.3064	1.6261	-0.0573	-0.0249	-0.0197	2.1742	1.7224						
	11	0.0093	0.0024	0.0030	-0.3593	-0.3998	-0.0555	-0.0232	-0.0176	2.0943	1.5914						
	12	-0.0022	0.0001	0.0001													
230	3	0.800	-2.07	-0.00	1.2596	1.6712	-0.0359	-0.0161	-0.0125	2.2487	1.7522						
	11	0.0090	0.0023	0.0030	-0.9674	-0.5608	-0.0338	-0.0143	-0.0104	2.1169	1.5377						
	12	-0.0015	0.0003	0.0001													
230	4	0.799	-1.04	-0.00	1.2704	1.7256	-0.0101	-0.0052	-0.0040	2.5625	1.9747						
	11	0.0077	0.0019	0.0026	0.4759	0.3029	-0.0008	-0.0041	-0.0020	2.3304	1.6020						
	12	-0.0029	-0.0002	-0.0001													
230	5	0.799	-0.54	-0.00	1.3600	1.7000	-0.0046	-0.0026	-0.0021	2.8014	2.2044						
	11	0.0069	0.0024	0.0030	-2.4383	-1.9317	-0.0035	-0.0011	-0.0008	1.6327	1.2309						
	12	-0.0009	0.0004	0.0003													
230	6	0.800	-0.04	-0.00	1.4593	1.6100	0.0021	0.0010	0.0010	2.4764	2.6010						
	11	0.0076	0.0022	0.0020	-4.5405	-1.7941	0.0060	0.0036	0.0024	2.6753	1.8055						
	12	-0.0005	0.0004	0.0001													
230	7	0.799	-0.04	-0.00	1.3077	1.6370	0.0043	0.0035	0.0016	2.1981	1.8600						
	11	0.0062	0.0022	0.0030	-2.5074	-0.9034	0.0070	0.0035	0.0024	2.5063	1.7654						
	12	-0.0009	0.0004	0.0001													
230	8	0.799	0.46	-0.00	1.2810	1.6409	0.0123	0.0057	0.0045	2.3449	1.8414						
	11	0.0077	0.0019	0.0020	1.0363	5.4063	0.0151	0.0074	0.0051	2.4633	1.6912						
	12	0.0001	0.0006	0.0001													
230	9	0.799	0.90	-0.00	1.3077	1.6370	0.0212	0.0094	0.0072	2.2284	1.7005						
	11	0.0062	0.0022	0.0030	-4.5405	-1.7941	0.0261	0.0121	0.0080	2.3234	1.6930						
	12	-0.0004	0.0004	0.0001													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →															
230	10	10	0.799	2.03	-0.00	1.5265	1.8815	0.0448	0.0191	0.0147	2.12291	1.6424						
	11	11	0.0090	0.0027	0.0033	4.2017	0.8290	0.0475	0.0211	0.0162	2.12269	1.7132						
	12	12	0.0010	0.0009	0.0001													
230	11	10	0.798	3.05	-0.00	1.2223	2.0770	0.0714	0.0296	0.0242	2.0701	1.6933						
	11	11	0.0061	0.0020	0.0033	5.1391	-0.0027	0.0708	0.0303	0.0242	2.1420	1.7135						
	12	12	0.0005	0.0006	-0.0000													
230	12	10	0.799	4.08	-0.00	1.1099	1.9876	0.0979	0.0369	0.0327	1.9901	1.6716						
	11	11	0.0069	0.0019	0.0035	18.3831	5.4063	0.0959	0.0398	0.0353	2.0790	1.7353						
	12	12	0.0001	0.0006	0.0001													
230	13	10	0.799	6.09	-0.00	0.7980	1.7813	0.1549	0.0562	0.0528	1.8147	1.7042						
	11	11	0.0105	0.0016	0.0037	25.6913	-10.1925	0.1503	0.0560	0.0533	1.8640	1.7739						
	12	12	-0.0000	0.0004	0.0001													
230	14	10	0.797	8.17	-0.00	0.0039	2.0584	0.2077	0.0609	0.0713	1.4678	1.7168						
	11	11	0.0065	0.0000	0.0028	-4.9495	1.8952	0.2035	0.0576	0.0720	1.4159	1.7693						
	12	12	-0.0000	0.0004	-0.0001													
231	1	10	0.799	4.05	-0.00	5.0696	2.9727	-0.0307	-0.0202	-0.0109	3.2946	1.7819						
	11	11	0.0012	0.0012	0.0007	1.0874	1.5545	-0.0100	-0.0115	-0.0040	5.7622	2.0290						
	12	12	-0.0282	-0.0061	-0.0087													
231	2	10	0.799	3.02	-0.00	3.0320	2.1300	-0.0168	-0.0143	-0.0063	4.2388	1.8896						
	11	11	0.0025	0.0015	0.0010	0.5716	1.4471	-0.0080	-0.0103	-0.0028	6.3973	1.7427						
	12	12	-0.0141	-0.0016	-0.0040													
231	3	10	0.799	2.09	-0.00	2.3409	1.7452	-0.0064	-0.0064	-0.0025	6.5078	1.9532						
	11	11	0.0035	0.0016	0.0012	0.1914	1.5646	-0.0041	-0.0064	-0.0015	7.8277	1.9219						
	12	12	-0.0056	-0.0002	-0.0017													
231	4	10	0.800	1.05	-0.00	3.0246	1.5232	-0.0003	-0.0031	-0.0008	51.5120	14.5507						
	11	11	0.0035	0.0021	0.0010	0.1651	0.7655	-0.0002	-0.0021	-0.0001	39.8344	-3.2727						
	12	12	-0.0034	-0.0001	-0.0005													
231	5	10	0.798	-0.55	-0.00	6.5347	1.9365	0.0000	-0.0012	-0.0003	4.4417	-37.8010						
	11	11	0.0013	0.0018	0.0005	0.1504	0.4552	-0.0008	-0.0007	-0.0001	-37.8010	-1.0403						
	12	12	-0.0038	-0.0001	-0.0003													
231	6	10	0.799	-0.03	-0.00	-80.5690	-26.4355	0.0011	0.0011	-0.0001	5.0783	-0.7625						
	11	11	0.0001	0.0016	0.0005	-80.3603	-0.4749	-0.0010	0.0018	-0.0001	-8.6379	-0.8461						
	12	12	-0.0037	-0.0002	-0.0003													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →																				
231	7	10	0.798	0.45	-0.00	-6.3610	1.4575	0.0037	0.0032	0.0014	4.3724	1.9150	-0.0011	0.0014	-0.0000	-0.3731	0.0001	-0.0017	0.0033	0.0003	0.0003	-9.2624	-0.9881
	11	11	-0.0021	0.0001	-0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	12	12	-0.0008	0.0004	-0.0000	-2.5783	-0.0023	-0.0074	0.0057	0.0024	0.0012	3.6740	1.6784	-0.0006	0.0004	0.0000	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
231	8	10	0.799	0.39	-0.00	-1.4818	2.0580	0.0154	0.0109	0.0051	3.5246	1.6708	-0.0011	0.0014	-0.0000	-1.4512	0.0000	0.0029	0.0100	0.0027	0.0027	17.1452	4.7472
	11	11	-0.0029	0.0008	-0.0012	0.6691	1.7513	0.0309	0.0181	0.0099	2.9294	1.6079	-0.0017	0.0002	-0.0005	0.4634	0.9156	0.0075	0.0155	0.0039	0.0039	9.0214	2.6610
	12	12	-0.0017	0.0001	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
231	9	10	0.798	2.02	-0.00	1.1835	1.6441	0.0515	0.0255	0.0168	2.4805	1.6356	-0.0029	0.0005	-0.0010	0.8241	1.5839	0.0142	0.0159	0.0058	0.0058	5.5848	2.0647
	11	11	-0.0028	0.0002	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	12	12	-0.0052	0.0005	-0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
231	10	10	0.797	4.08	-0.00	1.3292	1.8179	0.0871	0.0368	0.0288	2.1134	1.6547	-0.0167	0.0044	-0.0050	1.0467	-2.8376	0.1333	0.0448	0.0440	0.0440	1.6810	1.7451
	11	11	-0.0052	0.0005	-0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	12	12	-0.0009	0.0001	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
232	1	10	0.797	8.15	-0.00	1.4570	1.7049	0.0598	0.0252	0.0196	2.1096	1.6664	-0.0066	0.0013	-0.0001	0.3811	-0.4664	0.0612	0.0243	0.0196	0.0196	1.9910	1.6237
	11	11	-0.0050	0.0014	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	12	12	-0.0061	0.0004	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
232	2	10	0.399	2.99	-0.00	1.1786	2.7044	0.0474	0.0200	0.0176	2.1152	1.6641	-0.0042	0.0010	-0.0020	0.9220	0.0016	0.0448	0.0183	0.0183	2.0506	1.5896	
	11	11	-0.0077	0.0014	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	12	12	-0.0042	0.0010	-0.0020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
232	3	10	0.399	2.06	-0.00	1.6890	2.4483	0.0295	0.0124	0.0117	2.0990	1.9931	-0.0059	0.0019	-0.0026	1.6890	0.0017	0.0321	0.0122	0.0085	0.0085	1.9077	1.3289
	11	11	-0.0098	0.0019	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	12	12	-0.0098	0.0019	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
232	4	10	0.397	1.04	-0.00	1.1786	2.7044	0.0474	0.0200	0.0176	2.1152	1.6641	-0.0043	0.0014	-0.0023	1.1786	0.0014	0.0190	0.0052	0.0052	1.7506	1.0548	
	11	11	-0.0043	0.0010	-0.0023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	12	12	-0.0091	0.0014	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
232	5	10	0.399	-0.55	-0.00	1.4805	2.8377	-0.0020	-0.0094	-0.0023	1.1373	5.8717	0.0050	0.0015	0.0028	0.6785	0.0013	-0.0104	-0.0023	-0.0016	1.1055	0.8180
		11	-0.0069	0.0009	-0.0000																	
		12																				
232	6	10	0.400	-0.04	-0.00	1.1786	2.7044	0.0040	0.0024	-0.0011	2.9725	-1.4376	0.0042	0.0010	0.0023	1.4211	-0.2803	0.0038	0.0023	0.0017	3.0420	-2.1975
		11	-0.0101	0.0028	0.0005																	
		12																				
232	7	10	0.396	0.46	-0.00	1.4805	2.8377	0.0134	0.0057	0.0053	2.1491	1.9819	0.0051	0.0015	0.0029	0.8467	0.0015	0.0093	0.0057	0.0045	3.0457	2.4497
		11	-0.0056	-0.0009	-0.0000																	
		12																				
232	8	10	0.400	0.99	-0.00	1.5658	1.6004	0.0199	0.0105	0.0082	2.6542	2.0618	0.0071	0.0019	0.0022	1.4160	0.8643	0.0204	0.0108	0.0085	2.6505	2.0896
		11	-0.0100	-0.0028	-0.0017																	
		12																				
232	9	10	0.399	2.00	-0.00	1.1482	1.3509	0.0384	0.0178	0.0143	2.3156	1.8408	0.0042	0.0023	-0.0011	1.4976	0.7284	0.0364	0.0175	0.0143	2.3827	1.8408
		11	-0.0075	-0.0023	-0.0011																	
		12																				
232	10	10	0.400	3.00	-0.00	0.1310	6.4654	0.0592	0.0248	0.0211	2.0976	1.7861	0.0013	0.0000	0.0017	0.1310	0.8001	0.0527	0.0240	0.0200	2.2784	1.8981
		11	-0.0108	-0.0033	-0.0017																	
		12																				
232	11	10	0.399	4.05	-0.00	1.1936	3.3736	0.0822	0.0340	0.0282	2.0664	1.7187	0.0043	0.0010	0.0029	1.4174	0.5742	0.0776	0.0334	0.0281	2.1573	1.8096
		11	-0.0100	-0.0028	-0.0011																	
		12																				
232	12	10	0.399	6.03	-0.00	1.1634	2.0302	0.1313	0.0501	0.0442	1.9088	1.6827	0.0042	0.0017	0.0023	1.4146	1.1572	0.1161	0.0480	0.0430	2.0683	1.8532
		11	-0.0042	0.0009	0.0017																	
		12																				
232	13	10	0.399	8.10	-0.00	-1.2637	4.7199	0.1754	0.0595	0.0615	1.6965	1.7547	0.0018	0.0004	0.0023	-1.4146	1.1572	0.1743	0.0579	0.0627	1.6609	1.8003
		11	-0.0099	-0.0028	-0.0023																	
		12																				
233	1	10	0.403	-4.00	-0.00	19.3316	-36.5242	-0.0884	-0.0308	-0.0280	1.7434	1.7076	0.0004	-0.0018	0.0034	1.5327	1.6194	-0.0881	-0.0298	-0.0280	1.6928	1.5898
		11	-0.0004	-0.0032	-0.0034																	
		12																				
233	2	10	0.401	-2.98	-0.00	5.1431	-8.0915	-0.0559	-0.0197	-0.0198	1.7631	1.7737	0.0017	-0.0018	0.0028	1.4938	1.8511	-0.0645	-0.0217	-0.0197	1.6822	1.5280
		11	-0.0077	-0.0023	-0.0028																	
		12																				

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key												
233	3	10	0.402	-2.05	0.0005	-0.0011	0.4442	3.3104	-0.0392	-0.0135	-0.0128	1.7272	1.6294		
		11	0.0060	0.0005	0.0039	0.0039	0.4571	1.2266	-0.0361	-0.0126	-0.0123	1.6001	1.6206		
		12	-0.0046	-0.0004	-0.0011	-0.0011									
233	4	10	0.401	-1.01	0.0009	-0.0034	-4.3121	13.6576	-0.0129	-0.0047	-0.0046	1.8154	1.8026		
		11	0.0010	-0.0009	0.0026	0.0034	1.3598	1.4403	-0.0131	-0.0032	-0.0026	1.2173	1.0686		
		12	-0.0119	-0.0032	-0.0034	-0.0034									
233	5	10	0.400	-0.53	0.0023	-0.0028	48.4303	48.4303	-0.0020	-0.0004	-0.0005	3.1087	1.4115		
		11	0.0002	-0.0014	0.0023	0.0028	0.8970	1.9212	0.0016	0.0009	0.0000	3.0100	0.0026		
		12	-0.0074	-0.0013	-0.0028	-0.0028									
233	6	10	0.401	-0.01	0.0000	-0.0017	0.0700	4.3520	0.0091	0.0032	0.0063	1.7834	3.4979		
		11	0.0039	0.0000	0.0034	0.0017	-0.2405	7.2874	0.0110	0.0051	0.0039	2.3205	1.7890		
		12	-0.0011	0.0000	-0.0017	-0.0017									
233	7	10	0.401	0.45	0.0013	-0.0005	27.4197	56.8191	0.0221	0.0079	0.0069	1.7983	2.0982		
		11	0.0002	-0.0013	0.0026	-0.0005	-2.9751	-1.7284	0.0153	0.0069	0.0067	2.2682	2.2113		
		12	0.0016	0.0009	-0.0005	-0.0005									
233	8	10	0.400	1.01	0.0009	-0.0017	4.3121	13.6576	0.0396	0.0146	0.0145	1.8417	1.8371		
		11	0.0010	-0.0009	0.0026	-0.0017	-4.3121	-9.0709	0.0368	0.0144	0.0130	1.9569	1.7721		
		12	0.0009	0.0005	-0.0017	-0.0017									
233	9	10	0.402	2.01	0.0004	-0.0034	-1.0994	9.2375	0.0573	0.0206	0.0197	1.7990	1.7204		
		11	0.0018	-0.0004	0.0034	-0.0034	1.6348	3.0862	0.0606	0.0228	0.0214	1.8632	1.7678		
		12	-0.0055	-0.0018	-0.0034	-0.0034									
233	10	10	0.402	2.99	0.0009	-0.0034	-4.3121	13.6576	0.0835	0.0294	0.0293	1.7644	1.7696		
		11	0.0010	-0.0009	0.0026	-0.0034	3.2923	13.0056	0.0826	0.0304	0.0293	1.8405	1.7755		
		12	-0.0013	-0.0008	-0.0034	-0.0034									
233	11	10	0.400	4.03	0.0010	-0.0046	0.7533	3.3365	0.1163	0.0405	0.0403	1.7407	1.7312		
		11	0.0069	0.0010	0.0046	-0.0046	1.7061	60.2049	0.1143	0.0407	0.0409	1.7830	1.7895		
		12	0.0000	0.0000	-0.0011	-0.0011									
233	12	10	0.402	6.03	0.0005	-0.0028	0.4192	2.3691	0.1726	0.0568	0.0613	1.6460	1.7779		
		11	0.0059	0.0005	0.0026	-0.0028	0.6024	4.4633	0.1707	0.0571	0.0631	1.6737	1.8477		
		12	-0.0031	-0.0005	-0.0028	-0.0028									
233	13	10	0.402	8.06	0.0000	-0.0034	0.0390	3.2762	0.2321	0.0709	0.0845	1.5283	1.8203		
		11	0.0052	0.0000	0.0034	-0.0034	1.6342	3.6311	0.2359	0.0723	0.0855	1.5523	1.8136		
		12	-0.0054	-0.0017	-0.0034	-0.0034									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
233	14	10	0.401	0.09	-0.00	0.0546	3.0157	0.2372	0.0721	0.0854	1.5209	1.8096						
		11	0.0052	0.0000	0.0040	1.6346	3.0862	0.2369	0.0730	0.0864	1.5286	1.8096						
		12	-0.0055	-0.0016	-0.0034													
235	3	10	1.247	-4.14	22.49	0.1001	0.5113	0.0361	0.0043	0.0096	0.6277	1.3362						
		11	0.0064	0.0002	0.0006	0.1001	1.3366	0.0192	0.0126	0.0059	3.2795	1.5321						
		12	0.0141	-0.0022	0.0037	-0.7961												
235	4	10	1.251	-2.06	22.50	1.0001	1.4645	0.0363	0.0067	0.0104	0.9331	1.4403						
		11	0.0034	0.0120	0.0098	0.1549	1.5660	0.0524	0.0197	0.0162	1.8647	1.5533						
		12	0.0124	0.0003	0.0038													
235	5	10	1.236	-1.06	22.50	1.5615	1.2150	0.0304	0.0093	0.0113	1.5351	1.4367						
		11	0.0117	0.0036	0.0037	3.0457	1.2150	0.0355	0.0124	0.0113	1.7522	1.5930						
		12	0.0023	0.0014	0.0005													
235	6	10	1.249	-0.00	22.49	2.0662	1.7272	-0.0213	-0.0037	-0.0038	2.0775	1.7355						
		11	-0.0122	-0.0050	-0.0042	1.9272	1.5328	-0.0109	-0.0037	-0.0038	1.7305	1.7555						
		12	-0.0279	-0.0107	-0.0085													
235	7	10	1.242	0.93	22.49	0.6913	1.4907	-0.0493	-0.0170	-0.0083	1.0110	1.6153						
		11	-0.0133	-0.0116	-0.0046	1.7207	1.4907	-0.0236	-0.0055	-0.0083	1.1822	1.7671						
		12	-0.0412	-0.0142	-0.0123													
235	8	10	1.250	1.96	22.49	-0.4636	1.0810	-0.0526	-0.0164	-0.0166	1.5612	1.5527						
		11	-0.0066	0.0008	-0.0033	1.2895	1.4885	-0.0327	-0.0052	-0.0106	0.8065	1.6160						
		12	-0.0353	-0.0091	-0.0105	-0.4636												
235	9	10	1.246	4.03	22.49	-1.4676	1.9534	-0.0190	-0.0030	-0.0061	0.7956	1.6110						
		11	-0.0104	0.0030	-0.0040	4.676	0.9581	-0.0282	-0.0020	-0.0077	0.5609	1.5736						
		12	-0.0136	0.0040	-0.0026	-1.4562												
235	10	10	1.246	6.06	22.50	0.2158	1.9617	0.0262	0.0060	0.0081	1.1559	1.5337						
		11	0.0160	0.0006	0.0062	4.6796	2.0616	0.0190	0.0090	0.0082	2.3750	1.5337						
		12	0.0275	0.0268	0.0113													
235	11	10	1.249	6.16	22.51	14.1967	5.6994	0.0602	0.0252	0.0205	2.0994	1.6404						
		11	0.0016	0.0051	0.0020	3.4817	1.9778	0.0558	0.0132	0.0205	1.1691	1.8423						
		12	0.0534	0.0371	0.0211													
236	1	10	1.247	-4.17	22.49	2.5996	1.0915	-0.0169	-0.0331	-0.0217	9.7760	2.2311						
		11	-0.0324	-0.0166	-0.0122	1.7134	1.5752	-0.0631	-0.0436	-0.0217	3.4765	2.2311						
		12	-0.0229	-0.0076	-0.0072													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
236	2	10	1.250	-2.11	22.49	6.3626	3.4034	-0.0179	-0.0172	-0.0072	4.7995	2.0181						
		11	-0.0047	-0.0035	-0.0032	4.7496	1.2262	-0.0341	-0.0221	-0.0114	3.2447	1.6746						
		12	-0.0037	-0.0035	-0.0009													
236	3	10	1.250	-1.08	22.49	-5.1101	-0.4562	-0.0022	-0.0068	-0.0030	6.6204	2.9136						
		11	0.0029	-0.0029	-0.0002													
		12	-0.0014	-0.0000	0.0002													
236	4	10	1.249	0.00	22.49	1.3246	2.3697	0.0034	0.0037	0.0003	5.3310	0.5031						
		11	0.0065	0.0017	0.0012													
		12	0.0040	0.0049	0.0019													
236	5	10	1.247	0.96	22.49	2.8663	2.3375	0.0222	0.0146	0.0061	3.2951	1.3911						
		11	0.0102	0.0058	0.0035													
		12	0.0082	0.0054	0.0030													
236	6	10	1.247	1.98	22.49	3.1851	1.3411	0.0461	0.0252	0.0138	2.7342	1.4948						
		11	0.0144	0.0022	0.0038													
		12	0.0214	0.0142	0.0079													
236	7	10	1.248	4.04	22.49	5.3287	1.5593	0.0502	0.0403	0.0298	2.6600	1.6555						
		11	0.0125	0.0133	0.0040													
		12	0.0525	0.0227	0.0184													
236	8	10	1.248	6.18	22.49	1.6217	1.7240	0.1376	0.0653	0.0460	2.3741	1.7452						
		11	0.0487	0.0188	0.0168													
		12	0.0833	0.0325	0.0252													
236	9	10	1.251	8.23	22.49	1.9550	1.7503	0.0377	0.0431	0.0137	5.7146	1.8269						
		11	0.0506	0.0163	0.0127													
		12	0.1176	0.0403	0.0424													
237	1	10	1.249	4.18	22.49	2.4990	1.5631	-0.0970	-0.0324	-0.0327	1.6686	1.6875						
		11	-0.0406	-0.0203	-0.0127													
		12	-0.0254	-0.0076	-0.0094													
237	2	10	1.250	-2.12	22.49	3.1685	2.1372	-0.0463	-0.0163	-0.0156	1.7607	1.6934						
		11	-0.0173	-0.0109	-0.0047													
		12	-0.0083	-0.0026	-0.0035													
237	3	10	1.250	-1.08	22.49	5.4114	0.6409	-0.0195	-0.0066	-0.0067	1.6885	1.7226						
		11	-0.0031	-0.0007	-0.0001													
		12	-0.0025	-0.0007	0.0001													

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TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																								
237	4	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.250	0.0065	0.0149	-0.0021	0.0050	0.02	0.0032	0.0041	-1.6639	1.6646	2.4575	1.3671	0.0092	0.0079	0.0036	0.0024	0.0025	0.0008	1.9445	1.5544	1.3519	0.5577			
237	5	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.250	0.0171	0.0256	0.0096	0.0093	0.0076	22.49	0.0065	0.0076	0.3346	1.4673	0.0343	0.0132	0.0095	1.9130	1.7872	1.5676	1.3681							
237	6	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.249	0.0259	0.0369	0.0098	0.0140	0.0076	22.49	0.0097	0.0113	0.9776	1.5337	0.0629	0.0233	0.0175	1.8539	1.7766	1.6204	1.4907							
237	7	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.248	0.0426	0.0627	0.0115	0.0243	0.0076	22.49	0.0154	0.0204	1.3517	1.6269	0.1264	0.0411	0.0355	1.6264	1.6748	1.6935	1.6135							
237	8	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.250	0.0458	0.0922	0.0136	0.0331	0.0076	22.49	0.0193	0.0313	1.2680	1.7003	0.2031	0.0498	0.0538	1.3420	1.3400	1.7455	1.6617							
237	9	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.246	0.0431	0.1251	0.0140	0.0414	0.0076	22.49	0.0196	0.0439	1.6212	2.2734	0.2639	0.0652	0.0735	1.1492	1.3892	1.7845	1.7043							
238	4	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.997	0.0379	0.0359	-0.0117	-0.0102	0.0076	22.49	-0.0118	-0.0128	1.8453	1.7921	-0.1111	-0.0371	-0.0379	1.6702	1.6803	1.6667	1.6966							
238	5	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.999	0.0150	0.0165	-0.0070	-0.0046	0.0076	22.49	-0.0037	-0.0062	2.3306	1.2382	-0.0519	-0.0173	-0.0155	1.6685	1.6539	1.5890	1.7247							
238	6	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.001	0.0030	0.0062	-0.0015	-0.0015	0.0076	22.49	0.0029	-0.0026	4.8820	-0.6821	-0.0256	-0.0083	-0.0069	1.6219	1.4925	1.5578	1.8067							
238	7	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.998	0.0098	0.0078	0.0010	0.0028	0.0076	22.49	0.0041	0.0013	0.5403	2.0801	0.0032	0.0008	0.0031	1.3408	1.8007	3.6216	1.4434							
238	8	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.001	0.0195	0.0167	0.0044	0.0056	0.0076	22.49	0.0075	0.0045	1.1426	1.9275	0.0274	0.0066	0.0110	1.6171	1.7137	1.7829	1.5899							

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																			
238	9	10	0.998	1.98	22.49	1.3494	1.8240	0.0561	0.0186	0.0197	1.6647	1.7567									
		11	0.0304	0.062	0.0111	1.6959	1.5362	0.0606	0.0206	0.0197	1.6994	1.6252									
		12	0.0291	0.0096	0.0009																
238	10	10	0.998	4.05	22.49	1.3179	1.8110	0.1242	0.0418	0.0411	1.6938	1.7138									
		11	0.0503	0.0132	0.0102	1.6529	1.6240	0.1210	0.0405	0.0411	1.6953	1.7001									
		12	0.0550	0.0176	0.0178																
238	11	10	1.001	6.06	22.49	1.0873	1.8562	0.1975	0.0609	0.0701	1.5419	1.7752									
		11	0.0650	0.0141	0.0241	1.6414	1.6810	0.1631	0.0561	0.0629	1.5839	1.7184									
		12	0.0606	0.0264	0.0271																
238	12	10	0.996	8.17	22.49	0.8719	1.9735	0.2661	0.0786	0.1036	1.3751	1.8120									
		11	0.0749	0.0130	0.0296	1.6828	1.7352	0.2545	0.0711	0.0888	1.3972	1.7461									
		12	0.1065	0.0365	0.0376																
239	1	10	0.997	-4.16	22.50	1.8462	1.9588	0.0029	-0.0038	-0.0004	-6.5365	-0.7125									
		11	-0.0224	-0.0682	-0.0669	1.6100	2.5179	-0.0186	-0.0111	-0.0063	-2.9846	-1.7092									
		12	-0.0049	-0.0055	-0.0024																
239	2	10	0.996	-2.10	22.50	1.7301	1.2739	0.0054	-0.0022	0.0025	-1.1993	1.3244									
		11	-0.0079	-0.0027	-0.0020	4.4550	2.0024	-0.0002	-0.0043	-0.0000	85.4807	0.0468									
		12	-0.0020	-0.0018	-0.0008																
239	3	10	0.998	-1.06	22.50	0.5911	1.2043	0.0043	-0.0013	0.0013	-1.5731	1.6033									
		11	0.0011	0.0001	0.0002	3.7232	0.9899	0.0023	-0.0012	0.0006	-2.5678	1.7064									
		12	-0.0013	-0.0010	-0.0002																
239	4	10	0.999	-0.00	22.50	-2.2257	1.1374	0.0012	0.0007	0.0006	3.0743	2.6730									
		11	-0.0023	0.0010	-0.0005	0.7301	0.5344	-0.0051	0.0004	-0.0009	-0.4131	0.8952									
		12	-0.0025	0.0003	-0.0002																
239	5	10	0.998	0.93	22.50	0.0796	1.5687	0.0055	0.0043	0.0019	3.9035	1.7357									
		11	-0.0131	0.0002	-0.0041	-0.0796	0.3216	-0.0088	0.0015	-0.0019	-0.8630	1.1172									
		12	-0.0020	0.0013	-0.0001	-3.3664															
239	6	10	0.995	1.97	22.49	0.5236	1.5337	0.0192	0.0098	0.0060	2.5447	1.5711									
		11	-0.0259	-0.0027	-0.0079	18.1616	4.5694	-0.0164	0.0000	-0.0036	-0.0130	1.1188									
		12	0.0009	0.0032	0.0008																
239	7	10	0.995	4.01	22.49	0.4004	1.3312	0.0426	0.0213	0.0135	2.5072	1.5881									
		11	-0.0086	-0.0006	-0.0023	2.9979	1.9715	0.0005	0.0022	0.0017	19.1640	14.8139									
		12	-0.0146	0.0087	0.0057																

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
239	6	10	1.000	6.04	22.49	1.6437	1.8753	0.0738	0.0324	0.0249	2.1996	1.6871						
			0.0304	0.0100	0.0114	2.1800	1.7686	0.0352	0.0151	0.0133	2.1537	1.6939						
239	9	10	1.002	8.13	22.49	1.6857	1.9671	0.1274	0.0401	0.0430	1.5757	1.6873						
			0.0422	0.0142	0.0166	1.9242	1.7799	0.0767	0.0301	0.0270	1.9626	1.7590						
240	1	10	0.999	-4.16	22.49	2.2748	1.7569	-0.0532	-0.0314	-0.0182	2.9572	1.7179						
			-0.0265	-0.0120	-0.0093	2.1771	1.7342	-0.0820	-0.0359	-0.0271	2.1888	1.6595						
240	2	10	0.997	-2.12	22.49	3.5342	1.7508	-0.0268	-0.0156	-0.0096	2.9061	1.7874						
			-0.0058	-0.0041	-0.0020	2.1646	1.5114	-0.0323	-0.0155	-0.0103	2.4102	1.6064						
240	3	10	0.952	-1.08	22.49	-1.1710	1.2255	-0.0118	-0.0074	-0.0035	3.1290	1.6660						
			-0.0016	-0.0007	0.0004	-1.3531	1.1080	-0.0112	-0.0060	-0.0034	2.6914	1.5173						
240	4	10	0.957	0.01	22.49	1.5575	1.6714	0.0023	0.0010	0.0011	2.2305	2.4364						
			0.0050	0.0024	0.0030	1.7580	65.5233	0.0030	0.0026	0.0016	4.2991	2.6811						
240	5	10	0.998	0.94	22.49	3.0501	1.7456	0.0155	0.0064	0.0058	3.7411	1.9222						
			0.0126	0.0051	0.0031	3.1956	2.1061	0.0115	0.0089	0.0046	3.8669	2.0122						
240	6	10	0.999	0.44	22.49	1.8189	1.7527	0.0085	0.0044	0.0033	2.6077	1.9393						
			0.0109	0.0039	0.0017	4.3931	2.4407	0.0067	0.0058	0.0031	4.5134	2.3201						
240	7	10	0.998	2.98	22.49	3.0284	1.8362	0.0620	0.0276	0.0211	3.2301	1.6998						
			0.0172	0.0104	0.0063	2.3869	1.8080	0.0370	0.0248	0.0136	3.5450	1.8366						
240	8	10	0.998	4.02	22.49	2.6488	1.8741	0.0880	0.0381	0.0302	3.1664	1.7197						
			0.0223	0.0118	0.0083	2.2425	1.8055	0.0496	0.0322	0.0179	3.2470	1.8075						
240	9	10	1.000	6.07	22.49	1.6518	1.8470	0.1449	0.0576	0.0506	1.9682	1.7468						
			0.0411	0.0135	0.0151	2.0538	1.8117	0.0798	0.0432	0.0282	2.7359	1.7842						

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
240	10	10	0.998	0.13	22.49	1.6515	2.0832	0.2150	0.0756	0.0771	1.7579	1.7934						
	11	11	0.0420	0.0142	0.0179	1.9400	1.8178	0.1274	0.0519	0.0449	2.0383	1.7650						
	12	12	0.0874	0.0339	0.0317													
242	3	10	1.249	-4.12	45.00	0.8951	0.9479	0.0142	-0.0022	0.0041	-0.7367	1.3961						
	11	11	0.0147	0.0026	0.0028	-0.4018	1.5449	0.0122	0.0090	0.0036	0.6757	1.4749						
	12	12	0.0166	-0.0013	0.0051													
242	4	10	1.247	-2.08	44.99	1.5685	1.4408	0.0187	0.0018	0.0056	0.4858	1.4969						
	11	11	0.0533	0.0167	0.0153	0.0175	1.4465	0.0564	0.0199	0.0176	1.7719	1.5653						
	12	12	0.0101	0.0000	0.0029													
242	5	10	1.250	-1.06	44.92	1.7591	1.4950	0.0147	0.0036	0.0047	1.2507	1.6160						
	11	11	0.0480	0.0169	0.0143	0.9189	1.6439	0.0446	0.0169	0.0143	1.8926	1.6048						
	12	12	0.0143	0.0026	0.0047													
242	6	10	1.249	0.01	44.99	2.1011	1.7912	-0.0169	-0.0065	-0.0055	1.9464	1.6391						
	11	11	-0.0163	-0.0068	-0.0058	1.9340	1.5479	-0.0124	-0.0025	-0.0036	1.0028	1.5307						
	12	12	-0.0300	-0.0116	-0.0093													
242	7	10	1.249	0.92	44.99	1.5938	1.7930	-0.0444	-0.0160	-0.0135	1.8052	1.5195						
	11	11	-0.0158	-0.0050	-0.0056	1.8847	1.5129	-0.0152	-0.0019	-0.0045	0.6421	1.4395						
	12	12	-0.0364	-0.0212	-0.0170													
242	8	10	1.248	1.95	44.99	0.7697	1.7442	-0.0452	-0.0121	-0.0134	1.3483	1.4226						
	11	11	-0.0144	-0.0022	-0.0050	1.5705	1.5000	-0.0131	0.0001	-0.0037	-0.0577	1.4347						
	12	12	-0.0590	-0.0185	-0.0177													
242	9	10	1.250	4.01	44.99	-0.5059	1.7122	-0.0179	0.0028	-0.0044	-0.7957	1.4438						
	11	11	-0.0155	0.0015	-0.0053	-0.1593	1.3064	-0.0208	0.0009	-0.0062	-0.2537	1.5031						
	12	12	-0.0209	-0.0006	-0.0054													
242	10	10	1.247	6.05	44.99	1.8511	1.7399	0.0145	0.0226	0.0064	7.7883	2.1985						
	11	11	0.0324	0.0120	0.0112	10.2297	2.6511	-0.0035	-0.0014	0.0007	2.1237	-1.0944						
	12	12	0.0072	0.0148	0.0038													
242	11	10	1.248	0.18	44.99	1.3374	1.7925	0.0529	0.0342	0.0190	3.2311	1.7968						
	11	11	0.0514	0.0137	0.0184	2.8121	1.8966	0.0035	0.0018	0.0041	2.6515	5.8644						
	12	12	0.0537	0.0302	0.0204													
243	1	10	1.250	-4.16	44.99	2.5095	1.7740	0.0024	-0.0177	-0.0010	-36.3516	-2.1258						
	11	11	-0.0674	-0.0338	-0.0239	10.7033	1.7424	-0.0792	-0.0353	-0.0263	2.2536	-1.6607						
	12	12	-0.0085	-0.0183	-0.0029													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key											
243	2	10	1.250	-2.11	44.99	3.3738	1.8594	-0.0112	-0.0116	-0.0046	5.1670	2.9670		
			-0.0236	-0.0139	-0.0087	4.0194	1.3997	-0.0317	-0.0191	-0.0098	3.0084	1.5539		
			-0.0150	-0.0104	-0.0036									
243	3	10	1.248	-1.06	44.99	6.5912	2.2177	-0.0030	-0.0043	-0.0020	7.2554	3.4092		
			-0.0061	-0.0081	-0.0027	6.8134	1.3528	-0.0145	-0.0102	-0.0042	3.5150	1.4520		
			-0.0025	-0.0034	-0.0006									
243	4	10	1.249	0.02	44.99	1.2419	1.1882	0.0022	0.0035	0.0004	7.9981	1.0289		
			0.0061	0.0015	0.0014	5.6232	2.5094	-0.0022	-0.0015	-0.0003	3.3696	0.7411		
			0.0040	0.0045	0.0020									
243	5	10	1.249	0.96	44.99	3.1377	1.4509	0.0153	0.0115	0.0046	3.7627	1.5267		
			0.0136	0.0085	0.0039	4.1777	1.8789	0.0030	0.0052	0.0016	8.6462	2.7340		
			0.0155	0.0129	0.0058									
243	6	10	1.249	2.00	44.99	2.6665	1.5341	0.0346	0.0202	0.0109	2.9114	1.5601		
			0.0217	0.0159	0.0066	2.8324	1.7063	0.0092	0.0112	0.0039	6.0835	2.1183		
			0.0385	0.0218	0.0131									
243	7	10	1.249	4.07	44.99	9.9971	1.6134	0.0876	0.0354	0.0291	2.0201	1.6602		
			0.0125	0.0150	0.0040	2.3858	1.7574	-0.0005	0.0183	0.0014	-14.3195			
			0.0630	0.0396	0.0291									
243	8	10	1.248	6.12	45.00	8.5314	1.7802	0.1388	0.0506	0.0483	1.8215	1.7402		
			0.0164	0.0280	0.0056	2.0106	1.8129	0.0500	0.0272	0.0180	2.7259	1.8078		
			0.1333	0.0536	0.0483									
243	9	10	1.249	6.23	45.00	2.8901	1.6884	0.2020	0.0618	0.0723	1.5308	1.7891		
			0.0734	0.0424	0.0248	1.7446	1.8672	0.1081	0.0355	0.0387	1.6451	1.7918		
			0.1860	0.0649	0.0694									
244	1	10	1.251	-4.17	44.99	1.9988	1.6542	-0.0712	-0.0233	-0.0234	1.6375	1.6474		
			-0.0846	-0.0358	-0.0279	1.6363	1.7267	-0.0986	-0.0322	-0.0315	1.7821	1.7421		
			-0.0622	-0.0203	-0.0215									
244	2	10	1.249	-2.12	44.99	2.4291	1.5225	-0.0358	-0.0114	-0.0113	1.5944	1.5667		
			-0.0373	-0.0181	-0.0113	1.5657	1.8332	-0.0389	-0.0155	-0.0139	1.9952	1.7969		
			-0.0275	-0.0086	-0.0101									
244	3	10	1.250	-1.07	44.99	2.9873	1.3462	-0.0166	-0.0044	-0.0050	1.3428	1.5179		
			-0.0167	-0.0099	-0.0045	1.3616	2.2880	-0.0194	-0.0077	-0.0076	1.9953	1.5179		
			-0.0078	-0.0021	-0.0035									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd																				
244	4	10	1.249	0.01	0.0027	-2.6050	2.8279	0.0034	0.0001	-0.0022	0.0017	3.2996	3.5049	0.0049	-0.0023	0.0033	0.0027	0.0005	-0.0011	-17.1408	-35.0893
		11	0.0049	-0.0023	0.0033	-2.1505	1.2801	0.0001	0.0001	-0.0005	-0.0011	3.2996	3.5049	0.0132	0.0056	0.0033	0.0027	0.0005	-0.0011	-17.1408	-35.0893
		12	0.0132	0.0056	0.0033	-2.1505	1.2801	0.0001	0.0001	-0.0005	-0.0011	3.2996	3.5049	0.0049	-0.0023	0.0033	0.0027	0.0005	-0.0011	-17.1408	-35.0893
244	5	10	1.250	0.0035	0.0066	0.7638	1.8545	0.0231	0.0096	0.0080	2.1332	1.7311	0.0032	0.0131	0.0097	0.0066	0.0035	0.0066	0.0080	2.1332	1.7311
		11	0.0032	0.0131	0.0097	0.7638	1.8545	0.0231	0.0096	0.0080	2.1332	1.7311	0.0032	0.0131	0.0097	0.0066	0.0035	0.0066	0.0080	2.1332	1.7311
		12	0.0326	0.0131	0.0097	0.7638	1.8545	0.0231	0.0096	0.0080	2.1332	1.7311	0.0032	0.0131	0.0097	0.0066	0.0035	0.0066	0.0080	2.1332	1.7311
244	6	10	1.251	0.0103	0.0169	1.2346	1.7966	0.0433	0.0176	0.0148	2.0855	1.7145	0.0043	0.0210	0.0169	0.0103	0.0169	0.0148	0.0148	2.0855	1.7145
		11	0.0043	0.0210	0.0169	1.2346	1.7966	0.0433	0.0176	0.0148	2.0855	1.7145	0.0043	0.0210	0.0169	0.0103	0.0169	0.0148	0.0148	2.0855	1.7145
		12	0.0537	0.0210	0.0169	1.2346	1.7966	0.0433	0.0176	0.0148	2.0855	1.7145	0.0043	0.0210	0.0169	0.0103	0.0169	0.0148	0.0148	2.0855	1.7145
244	7	10	1.249	2.00	0.0150	1.1800	1.8108	0.0449	0.0179	0.0153	2.0020	1.7034	0.0044	0.0214	0.0166	0.0150	0.0150	0.0179	0.0153	2.0020	1.7034
		11	0.0044	2.00	0.0150	1.1800	1.8108	0.0449	0.0179	0.0153	2.0020	1.7034	0.0044	0.0214	0.0166	0.0150	0.0150	0.0179	0.0153	2.0020	1.7034
		12	0.0528	0.0214	0.0166	1.1800	1.8108	0.0449	0.0179	0.0153	2.0020	1.7034	0.0044	0.0214	0.0166	0.0150	0.0150	0.0179	0.0153	2.0020	1.7034
244	8	10	1.251	0.0326	0.0344	1.4539	1.7083	0.0934	0.0334	0.0234	1.7914	1.7227	0.0078	0.0326	0.0344	0.0326	0.0344	0.0334	0.0234	1.7914	1.7227
		11	0.0078	0.0326	0.0344	1.4539	1.7083	0.0934	0.0334	0.0234	1.7914	1.7227	0.0078	0.0326	0.0344	0.0326	0.0344	0.0334	0.0234	1.7914	1.7227
		12	0.1025	0.0326	0.0344	1.4539	1.7083	0.0934	0.0334	0.0234	1.7914	1.7227	0.0078	0.0326	0.0344	0.0326	0.0344	0.0334	0.0234	1.7914	1.7227
244	9	10	1.251	6.14	0.0569	1.4356	1.7355	0.1507	0.0468	0.0348	1.5541	1.6742	0.0014	0.0491	0.0569	0.0569	0.0569	0.0468	0.0348	1.5541	1.6742
		11	0.0014	6.14	0.0569	1.4356	1.7355	0.1507	0.0468	0.0348	1.5541	1.6742	0.0014	0.0491	0.0569	0.0569	0.0569	0.0468	0.0348	1.5541	1.6742
		12	0.1622	0.0491	0.0569	1.4356	1.7355	0.1507	0.0468	0.0348	1.5541	1.6742	0.0014	0.0491	0.0569	0.0569	0.0569	0.0468	0.0348	1.5541	1.6742
244	10	10	1.250	8.24	0.0620	1.3426	1.7730	0.2170	0.0567	0.0440	1.3073	1.7934	0.0024	0.0620	0.0620	0.0620	0.0620	0.0567	0.0440	1.3073	1.7934
		11	0.0024	8.24	0.0620	1.3426	1.7730	0.2170	0.0567	0.0440	1.3073	1.7934	0.0024	0.0620	0.0620	0.0620	0.0620	0.0567	0.0440	1.3073	1.7934
		12	0.2270	0.0620	0.0620	1.3426	1.7730	0.2170	0.0567	0.0440	1.3073	1.7934	0.0024	0.0620	0.0620	0.0620	0.0620	0.0567	0.0440	1.3073	1.7934
245	1	10	1.001	-4.11	0.0024	2.6706	1.8386	0.0088	-0.0017	0.0009	-1.0139	0.5580	0.0008	-0.0015	0.0024	0.0024	0.0024	-0.0017	0.0009	-1.0139	0.5580
		11	0.0008	-4.11	0.0024	2.6706	1.8386	0.0088	-0.0017	0.0009	-1.0139	0.5580	0.0008	-0.0015	0.0024	0.0024	0.0024	-0.0017	0.0009	-1.0139	0.5580
		12	-0.0082	-0.0015	0.0024	2.6706	1.8386	0.0088	-0.0017	0.0009	-1.0139	0.5580	-0.0082	-0.0015	0.0024	0.0024	0.0024	-0.0017	0.0009	-1.0139	0.5580
245	2	10	0.997	-3.11	0.0055	3.9518	2.1547	0.0155	-0.0003	0.0029	-0.1154	0.9445	0.0055	-0.0011	0.0055	0.0055	0.0055	-0.0003	0.0029	-0.1154	0.9445
		11	0.0055	-3.11	0.0055	3.9518	2.1547	0.0155	-0.0003	0.0029	-0.1154	0.9445	0.0055	-0.0011	0.0055	0.0055	0.0055	-0.0003	0.0029	-0.1154	0.9445
		12	-0.0184	-0.0011	0.0055	3.9518	2.1547	0.0155	-0.0003	0.0029	-0.1154	0.9445	-0.0184	-0.0011	0.0055	0.0055	0.0055	-0.0003	0.0029	-0.1154	0.9445
245	3	10	0.999	-2.10	0.0022	12.4231	5.7529	0.0156	-0.0005	0.0034	-0.1913	1.1091	0.0022	-0.0011	0.0051	0.0051	0.0051	-0.0005	0.0034	-0.1913	1.1091
		11	0.0022	-2.10	0.0022	12.4231	5.7529	0.0156	-0.0005	0.0034	-0.1913	1.1091	0.0022	-0.0011	0.0051	0.0051	0.0051	-0.0005	0.0034	-0.1913	1.1091
		12	-0.0019	-0.0011	0.0051	12.4231	5.7529	0.0156	-0.0005	0.0034	-0.1913	1.1091	-0.0019	-0.0011	0.0051	0.0051	0.0051	-0.0005	0.0034	-0.1913	1.1091
245	4	10	1.002	-1.07	0.0016	-2.4144	-0.0444	0.0066	-0.0007	0.0012	-0.0006	-0.9456	0.0016	-0.0006	0.0016	0.0016	0.0016	-0.0007	0.0012	-0.0006	-0.9456
		11	0.0016	-1.07	0.0016	-2.4144	-0.0444	0.0066	-0.0007	0.0012	-0.0006	-0.9456	0.0016	-0.0006	0.0016	0.0016	0.0016	-0.0007	0.0012	-0.0006	-0.9456
		12	0.0057	-0.0006	0.0016	-2.4144	-0.0444	0.0066	-0.0007	0.0012	-0.0006	-0.9456	0.0057	-0.0006	0.0016	0.0016	0.0016	-0.0007	0.0012	-0.0006	-0.9456

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																		
245	5	10	0.996	-0.57	44.99	-1.1176	0.2154	0.0010	-0.0012	-0.0004	-6.3859	-2.0379	-0.0027	-0.0006	0.0001	-0.0000	-0.0009	-0.0009	-0.0003	-2.2434	0.9349
245	6	10	0.998	0.01	44.99	2.0266	-0.7262	0.0008	0.0001	-0.0004	0.6428	-5.6774	-0.0028	0.0003	-0.0004	-0.0002	-0.0002	-0.0002	2.1293	0.6428	1.2784
245	7	10	0.997	0.47	44.99	81.0431	-0.0002	0.0009	-0.0012	-16.8739	22.3571	-0.0023	0.0014	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.1086	1.9197	1.9197
245	8	10	1.000	0.97	44.99	0.9022	2.0637	0.0008	0.0022	-0.0006	12.8661	-3.2325	-0.0062	0.0036	-0.0006	-0.0037	-0.0037	-0.0037	0.2570	1.4147	1.4147
245	9	10	0.999	2.99	44.99	0.3742	1.7597	0.0207	0.0111	0.0062	2.6785	1.4585	-0.0116	0.0128	-0.0073	-0.0046	-0.0046	-0.0046	-0.0598	1.4372	1.4372
245	10	10	0.997	4.01	45.00	-2.4242	1.9467	0.0371	0.0169	0.0110	2.2817	1.4694	-0.0051	0.0186	-0.0119	-0.0071	-0.0071	-0.0071	-1.7117	1.2130	1.2130
245	14	10	0.996	1.93	44.99	0.6064	1.6041	0.0087	0.0068	0.0028	3.9325	1.6001	-0.0123	0.0064	0.0027	-0.0050	-0.0050	-0.0050	0.0639	1.5203	1.5203
245	15	10	0.995	2.96	44.99	0.4979	1.5558	0.0207	0.0116	0.0071	2.8193	1.7157	-0.0126	0.0120	-0.0067	-0.0045	-0.0045	-0.0045	-0.1218	1.2669	1.2669
245	16	10	0.997	3.97	45.00	-2.0740	1.4253	0.0369	0.0172	0.0121	2.3273	1.6499	-0.0061	0.0025	-0.0013	-0.0014	-0.0014	-0.0014	-1.5632	0.8910	0.8910
245	17	10	0.996	6.05	45.00	1.6948	1.7539	0.0772	0.0315	0.0262	2.0446	1.7044	0.0266	0.0311	0.0244	0.0127	0.0127	0.0127	1.2917	1.7651	1.7651
245	18	10	0.997	8.13	45.00	1.1645	1.7319	0.1190	0.0413	0.0415	1.7390	1.7458	0.0651	0.0411	0.0225	0.0282	0.0282	0.0282	1.1617	1.7836	1.7836

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
246	1	10	0.996	-4.17	44.99	2.2862	1.7633	-0.0225	-0.0184	-0.0090	4.0881	2.0732	2.0056									
		11	-0.0562	-0.0257	-0.0198	2.9509	1.6995	-0.0690	-0.0286	-0.0225			1.6356									
		12	-0.0301	-0.0178	-0.0102																	
246	2	10	1.001	-3.16	44.99	2.4238	1.7190	-0.0230	-0.0163	-0.0085	3.5524	2.1654	1.8538									
		11	-0.0387	-0.0187	-0.0133	2.7581	1.5879	-0.0481	-0.0208	-0.0156			1.6302									
		12	-0.0267	-0.0147	-0.0085																	
246	3	10	0.995	-2.13	44.99	2.7479	1.7176	-0.0160	-0.0199	-0.0061	3.4133	2.3939	1.9225									
		11	-0.0208	-0.0113	-0.0074	2.6921	1.6832	-0.0282	-0.0135	-0.0090			1.6063									
		12	-0.0190	-0.0102	-0.0063																	
246	4	10	0.998	-1.09	44.99	4.3015	1.7012	-0.0103	-0.0063	-0.0034	3.0478	2.7613	1.6892									
		11	-0.0052	-0.0045	-0.0017	2.1040	1.3967	-0.0104	-0.0057	-0.0033			1.6186									
		12	-0.0112	-0.0047	-0.0031																	
246	5	10	1.000	-0.57	44.99	1.5549	0.8710	-0.0060	-0.0033	-0.0020	2.7327	2.6435	1.7289									
		11	0.0007	-0.0016	0.0001	1.3085	1.2339	-0.0049	-0.0028	-0.0016			1.6308									
		12	-0.0071	-0.0018	-0.0017																	
246	6	10	0.996	0.00	44.99	1.3549	1.7703	0.0007	0.0004	0.0005	3.1019	3.7863										
		11	0.0073	0.0019	0.0026	1.6106	6.2689	-0.0000	0.0009	0.0006	-6.70323	-4.95237										
		12	0.0004	0.0016	0.0005																	
246	7	10	0.995	0.43	44.99	1.8556	1.6435	0.0063	0.0033	0.0023	2.6024	2.9383										
		11	0.0129	0.0047	0.0042	4.5085	2.4777	0.0032	0.0033	0.0019			1.8622									
		12	0.0047	0.0042	0.0023																	
246	8	10	0.996	0.95	44.99	3.1191	1.6072	0.0125	0.0065	0.0045	3.5951	2.0191										
		11	0.0167	0.0079	0.0060	3.2262	1.9693	0.0084	0.0062	0.0033			1.8340									
		12	0.0118	0.0076	0.0046								2.0191									
246	9	10	0.997	1.96	44.99	2.6251	1.6986	0.0285	0.0131	0.0094	2.3112	2.0335										
		11	0.0258	0.0135	0.0087	2.6184	1.7635	0.0140	0.0107	0.0056			1.6595									
		12	0.0283	0.0148	0.0095								2.0335									
246	10	10	0.997	3.00	44.99	2.9118	1.7190	0.0454	0.0200	0.0154	3.2084	2.0016										
		11	0.0326	0.0190	0.0112	2.3599	1.7662	0.0196	0.0143	0.0078			1.6994									
		12	0.0480	0.0226	0.0169								2.0016									
246	11	10	0.997	4.02	44.99	3.0278	1.7858	0.0677	0.0250	0.0229	3.1472	2.0720										
		11	0.0364	0.0220	0.0130	2.2539	1.7416	0.0245	0.0181	0.0101			1.6934									
		12	0.0679	0.0306	0.0236								2.0720									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																				
246	12	10	0.997	6.06	45.00	2.5438	1.7454	0.1139	0.0447	0.0395	1.9622	1.7369										
		11	0.0564	0.0207	0.0197	2.0462	1.8112	0.0591	0.0257	0.0215	1.1724	1.0173										
		12	0.1124	0.0460	0.0407																	
245	13	10	0.995	8.14	45.00	1.8562	1.7038	0.1675	0.0603	0.0598	1.8020	1.7862										
		11	0.1063	0.0394	0.0362	1.8544	1.8487	0.1035	0.0355	0.0373	1.7177	1.6046										
		12	0.1670	0.0619	0.0617																	
247	1	10	0.998	-4.20	44.99	1.8167	1.6328	-0.0827	-0.0266	-0.0274	1.6118	1.6558										
		11	-0.0832	-0.0302	-0.0272	1.5325	1.6819	-0.0899	-0.0297	-0.0310	1.6537	1.7269										
		12	-0.0785	-0.0240	-0.0264																	
247	2	10	0.998	-3.16	44.99	1.8934	1.6107	-0.0615	-0.0208	-0.0198	1.6904	1.6150										
		11	-0.0598	-0.0223	-0.0190	1.6456	1.6992	-0.0636	-0.0211	-0.0221	1.6633	1.7415										
		12	-0.0568	-0.0186	-0.0193																	
247	3	10	0.999	-2.13	44.99	2.0308	1.5011	-0.0423	-0.0141	-0.0135	1.6679	1.5991										
		11	-0.0368	-0.0149	-0.0110	1.5383	1.7634	-0.0460	-0.0133	-0.0141	1.6629	1.7698										
		12	-0.0348	-0.0107	-0.0122																	
247	4	10	0.995	-1.10	44.99	2.3645	1.2216	-0.0221	-0.0069	-0.0064	1.5698	1.4543										
		11	-0.0156	-0.0074	-0.0038	1.3655	1.7809	-0.0184	-0.0057	-0.0070	1.5442	1.9078										
		12	-0.0165	-0.0045	-0.0058																	
247	5	10	0.996	-0.58	44.99	3.9930	0.2771	-0.0115	-0.0035	-0.0030	1.5467	1.3301										
		11	-0.0048	-0.0039	-0.0024	0.9786	2.0501	-0.0069	-0.0019	-0.0033	1.5997	1.4459										
		12	-0.0060	-0.0011	-0.0024																	
247	6	10	0.998	0.00	44.99	-0.0625	2.4222	-0.0002	-0.0001	0.0005	2.6943	-12.5735										
		11	0.0076	0.0000	0.0036	1.8941	1.1497	0.0041	0.0013	0.0005	1.8852	0.6486										
		12	0.0083	0.0051	0.0019																	
247	7	10	0.997	0.42	44.99	0.8493	2.1372	0.0087	0.0026	0.0037	1.5289	2.1505										
		11	0.0160	0.0027	0.0068	1.7148	1.4503	0.0120	0.0038	0.0031	1.6099	1.2947										
		12	0.0179	0.0061	0.0052																	
247	8	10	0.996	0.93	44.99	1.1607	1.9107	0.0178	0.0057	0.0066	1.6025	1.8784										
		11	0.0257	0.0059	0.0098	1.4415	1.5614	0.0210	0.0068	0.0062	1.6308	1.4843										
		12	0.0263	0.0091	0.0082																	
247	9	10	0.998	1.97	44.99	1.4196	1.7761	0.0411	0.0136	0.0146	1.6588	1.7741										
		11	0.0469	0.0133	0.0166	1.7535	1.6228	0.0435	0.0144	0.0138	1.6603	1.5870										
		12	0.0493	0.0173	0.0160																	

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
247	10	10	0.999	3.01	44.99	1.5715	1.7416	0.0648	0.0208	0.0226	1.6092	1.7454						
		11	0.0704	0.0221	0.0243	1.7038	1.6322	0.0628	0.0206	0.0201	1.6468	1.6034						
		12	0.0758	0.0258	0.0247													
247	11	10	0.997	4.04	44.99	1.5040	1.7369	0.0878	0.0287	0.0309	1.6368	1.7581						
		11	0.0916	0.0273	0.0318	1.7064	1.6815	0.0827	0.0253	0.0273	1.5318	1.6538						
		12	0.0973	0.0332	0.0327													
247	12	10	0.996	6.08	44.99	1.2722	1.7077	0.1414	0.0468	0.0498	1.6571	1.7637						
		11	0.1371	0.0349	0.0468	1.6747	1.7476	0.1290	0.0338	0.0435	1.5130	1.6857						
		12	0.1506	0.0504	0.0526													
247	13	10	0.997	8.15	45.00	1.1221	1.7370	0.2019	0.0624	0.0733	1.5471	1.8161						
		11	0.1766	0.0396	0.0613	1.5425	1.8061	0.1638	0.0376	0.0569	1.1487	1.7388						
		12	0.2131	0.0657	0.0770													

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt. Cd

See Key

914	3	10 11 12	0.900 -0.0102 -0.0389	-4.03 -0.0000 -0.0041	-0.00 -0.0041 -0.0200	0.0211 0.5319	2.0175 2.5725	-0.0538 -0.0395	-0.0122 -0.0066	-0.0294 -0.0215	1.1399 0.6462	2.7341 2.7221
914	4	10 11 12	0.699 -0.0048 -0.0366	3.01 0.0006 -0.0035	-0.00 -0.0024 -0.0174	-0.6218 0.4826	2.4799 2.3760	-0.0319 -0.0049	-0.0077 -0.0028	-0.0184 -0.0063	1.2190 2.6961	2.6604 6.3561
914	5	10 11 12	0.697 0.0009 -0.0329	-2.10 0.0011 -0.0026	-0.00 0.0003 -0.0146	6.5363 0.4038	1.7245 2.2196	-0.0177 0.0103	-0.0044 -0.0012	-0.0105 0.0015	1.2572 -0.5813	2.9684 0.7320
914	6	10 11 12	0.699 -0.0014 -0.0162	-1.03 0.0006 -0.0009	-0.00 0.0012 -0.0072	2.3296 0.3038	4.2538 2.2447	-0.0046 0.0105	-0.0013 -0.0003	-0.0027 0.0034	1.4690 -0.1614	3.0226 1.6373
914	7	10 11 12	0.900 -0.0048 -0.0020	0.06 0.0005 0.0002	-0.00 -0.0025 0.0007	-0.6162 0.5292	2.6340 1.6078	-0.0014 -0.0091	0.0012 -0.0009	0.0003 -0.0032	4.5336 0.5281	1.0893 1.7847
914	8	10 11 12	0.900 -0.0203 -0.0002	0.97 -0.0023 0.0001	-0.00 -0.0095 -0.0006	0.5761 2.7660	2.3443 1.5163	0.0047 -0.0160	0.0033 -0.0009	0.0032 -0.0054	3.5506 0.3079	3.4836 1.7035
914	9	10 11 12	0.699 -0.0361 -0.0089	2.02 -0.0029 -0.0014	-0.00 -0.0172 -0.0035	0.4080 0.7843	2.3828 1.9583	0.0166 -0.0113	0.0067 0.0005	0.0101 -0.0019	1.8134 -0.2505	2.7123 0.8593
914	10	10 11 12	0.699 -0.0429 -0.0150	3.07 -0.0047 -0.0024	-0.00 -0.0212 -0.0063	0.5568 0.8065	2.4783 2.1054	0.0424 0.0094	0.0117 0.0036	0.0224 0.0077	1.3796 1.9563	2.6464 4.1354
914	11	10 11 12	0.699 -0.0425 -0.0144	4.05 -0.0053 -0.0023	0.00 -0.0219 -0.0064	0.6242 0.6147	2.5828 2.2404	0.0646 0.0421	0.0153 0.0074	0.0347 0.0235	1.1841 0.8865	2.6904 2.7961
914	12	10 11 12	0.698 -0.0717 -0.0064	6.07 -0.0118 -0.0015	0.00 -0.0366 -0.0032	0.8244 1.2217	2.5527 2.5093	0.1723 0.1094	0.0282 0.0197	0.0857 0.0562	0.8195 0.9021	2.4879 2.5700

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																								
915	9	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.001	0.814	-0.0146	4.06	-0.0023	-0.0065	-0.0264	0.6483	0.8053	2.5667	2.2500	0.0854	0.0198	0.0100	0.0451	0.0262	1.1642	1.0238	2.6419	2.6863					
915	10	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.001	0.693	-0.0044	6.10	-0.0006	-0.0024	-0.0344	0.7363	0.7785	2.4820	2.6714	0.1864	0.0285	0.0235	0.0931	0.0592	0.7659	1.0194	2.4968	2.5628					
915	11	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.999	0.418	-0.0019	0.22	-0.0000	-0.0022	-0.0007	0.3016	-0.1547	2.4167	4.3126	0.2619	0.0227	0.0238	0.1240	0.1056	0.4346	0.5423	2.3819	2.4037					
915	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.000	0.005	-0.0055	10.26	0.0018	-0.0024	-0.0014	17.2370	-0.2962	13.4944	2.1507	0.2594	0.0064	0.0115	0.1230	0.1269	0.1633	0.2100	2.3709	2.3107					
915	13	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		1.005	0.005	-0.0069	12.34	0.0017	-0.0029	-0.0014	16.6024	-0.2355	13.7680	2.1063	0.2905	0.0050	0.0090	0.1368	0.1396	0.1551	0.1575	2.3525	2.2923					
916	5	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.951	0.074	-0.0029	-4.03	0.0012	-0.0008	-0.0023	0.8031	-1.2854	1.6039	1.4220	-0.0071	-0.0010	-0.0006	-0.0025	-0.0025	0.5393	0.5717	1.7533	1.7533					
916	6	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.946	0.035	-0.0078	-3.03	0.0004	-0.0032	-0.0017	0.1925	0.3061	2.4724	2.0514	0.0059	0.0023	0.0039	0.0017	0.0017	1.9572	1.3636	-0.5037	-1.2876					
916	10	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.947	0.000	-0.0232	-2.06	0.0002	-0.0043	0.0001	17.6744	-10.6992	0.0043	0.0250	0.0011	0.0062	0.0076	0.0005	0.0076	1.3754	1.2505	0.6866	1.5320					
916	11	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.949	0.026	-0.0254	-1.03	0.0058	-0.0003	-0.0002	1.1288	0.5306	0.0016	0.0226	0.0002	0.0056	0.0074	0.0005	0.0074	0.6534	1.2447	1.7455	1.6194					
916	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.944	0.160	-0.0002	-0.02	0.0038	-0.0001	-0.0050	1.2008	-1.3609	0.0022	-0.0153	-0.0000	0.0035	-0.0046	-0.0004	-0.0046	-0.0776	1.1705	0.9714	1.5063					
916	13	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	10	11	12	
		0.946	0.238	-0.0027	0.97	-0.0008	-0.0007	-0.0077	1.4143	1.3439	1.6259	-0.0262	-0.0006	-0.0071	-0.0061	-0.0007	-0.0061	1.3620	1.3632	1.2232	1.5465					

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key															
916	14	0.946	2.02	-0.00	1.0215	1.6595	-0.0029	-0.0013	-0.0007	2.3260	1.2992						
	11	-0.0174	-0.0008	-0.0013	0.0582	1.4013	-0.0104	-0.0053	-0.0052	1.4615	1.4347						
	12	-0.0047	-0.0008	-0.0013	0.0582	1.4013	-0.0104	-0.0053	-0.0052	1.4615	1.4347						
916	15	0.945	3.06	-0.00	3.0392	1.7929	-0.0020	-0.0008	0.0001	2.0236	-0.3514						
	11	-0.0012	-0.0001	-0.0005	0.4312	2.5031	-0.0057	-0.0020	-0.0008	1.7815	0.7509						
	12	-0.0011	-0.0001	-0.0005	0.4312	2.5031	-0.0057	-0.0020	-0.0008	1.7815	0.7509						
916	16	0.946	4.08	-0.00	7.9569	1.4646	0.0136	0.0030	0.0049	1.1306	1.8222						
	11	-0.0010	0.0002	-0.0005	-2.4371	5.2821	0.0136	0.0027	0.0056	1.0064	2.0734						
	12	-0.0005	0.0002	-0.0005	-2.4371	5.2821	0.0136	0.0027	0.0056	1.0064	2.0734						
916	17	0.945	6.11	-0.00	-1.8688	2.5625	0.0599	0.0198	0.0153	1.6540	1.6157						
	11	-0.0022	0.0007	-0.0005	-3.5656	2.6978	0.0589	0.0194	0.0202	1.6488	1.7198						
	12	-0.0010	0.0007	-0.0005	-3.5656	2.6978	0.0589	0.0194	0.0202	1.6488	1.7198						
916	18	0.943	8.20	-0.00	1.3514	1.6859	0.1131	0.0336	0.0367	1.4888	1.6242						
	11	-0.0137	-0.0001	-0.0005	-0.4302	1.6515	0.0967	0.0303	0.0325	1.5696	1.6838						
	12	-0.0017	-0.0001	-0.0005	-0.4302	1.6515	0.0967	0.0303	0.0325	1.5696	1.6838						
916	19	0.946	10.26	0.00	-1.5767	-3.0767	0.1336	0.0193	0.0433	0.7251	1.6209						
	11	-0.0007	0.0002	-0.0005	-1.5656	-2.6978	0.1350	0.0213	0.0460	0.7913	1.7047						
	12	-0.0010	0.0007	-0.0005	-1.5656	-2.6978	0.1350	0.0213	0.0460	0.7913	1.7047						
916	20	0.945	12.28	0.00	1.5556	6.1149	0.1512	0.0195	0.0494	0.6471	1.6349						
	11	-0.0013	-0.0008	-0.0004	-5.0101	2.4604	0.1605	0.0233	0.0537	0.7275	1.6731						
	12	-0.0006	-0.0008	-0.0004	-5.0101	2.4604	0.1605	0.0233	0.0537	0.7275	1.6731						
917	1	1.048	4.06	-0.00	1.9243	1.9243	-0.0139	-0.0096	-0.0066	3.4634	2.3726						
	11	-0.0064	0.0000	-0.0024	-0.0679	1.8342	-0.0129	-0.0024	-0.0057	0.9269	2.2110						
	12	-0.0215	-0.0039	-0.0079	-0.9070	1.8342	-0.0129	-0.0024	-0.0057	0.9269	2.2110						
917	2	1.053	3.04	-0.00	1.9016	1.9016	-0.0064	-0.0009	-0.0038	5.1984	2.9624						
	11	-0.0068	0.0001	-0.0025	-0.1443	1.7627	-0.0064	-0.0009	-0.0005	0.7864	0.4276						
	12	-0.0251	-0.0038	-0.0088	-0.7586	1.7627	-0.0064	-0.0009	-0.0005	0.7864	0.4276						
917	4	1.049	2.08	-0.00	5.4431	5.4431	-0.0046	-0.0052	-0.0030	5.5952	3.2321						
	11	-0.0008	0.0007	-0.0009	-4.4768	1.6321	-0.0195	-0.0021	-0.0050	0.5580	1.3055						
	12	-0.0295	-0.0044	-0.0096	-0.7574	1.6321	-0.0195	-0.0021	-0.0050	0.5580	1.3055						
917	5	1.048	0.04	-0.00	33.0563	26.4817	0.0018	-0.0017	-0.0009	-5.6330	-2.4278						
	11	0.0001	0.0009	-0.0007	0.3956	1.6678	0.0166	0.0017	0.0004	0.5312	1.3268						
	12	-0.0172	-0.0013	-0.0057	0.3956	1.6678	0.0166	0.0017	0.0004	0.5312	1.3268						

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Ft.	Cd	See Key											
917	9	10	1.048	-0.003	-0.000	0.3678	1.5557	0.0020	0.0005	0.0007	1.2801	1.9386		
		11	-0.0091	-0.0006	-0.0028	-0.0303	0.0005	-0.0116	-0.0015	-0.0025	0.6851	1.1068		
		12	-0.0003	0.0000	-0.0000									
917	10	10	1.049	1.00	-0.00	0.8780	1.7011	-0.0017	0.0014	-0.0001	-4.1492	0.3630		
		11	-0.0169	-0.0007	-0.0057	0.8052	0.8659	-0.0182	-0.0023	-0.0048	0.1328	1.3199		
		12	-0.0044	-0.0007	-0.0007									
917	11	10	1.051	2.01	0.00	0.9639	1.7045	0.0050	0.0047	0.0021	4.6289	2.1526		
		11	-0.0292	-0.0056	-0.0099	0.9336	1.3060	-0.0185	-0.0022	-0.0046	0.6123	1.2441		
		12	-0.0096	-0.0018	-0.0025									
917	12	10	1.047	3.04	0.00	1.0672	1.8307	0.0065	0.0054	0.0026	4.1990	2.1703		
		11	-0.0224	-0.0021	-0.0037	0.8168	1.3679	-0.0061	-0.0009	-0.0005	0.1673	0.4193		
		12	-0.0153	-0.0021	-0.0037									
917	13	10	1.049	4.06	0.00	1.1032	1.9201	0.0177	0.0098	0.0062	2.7923	1.7756		
		11	-0.0174	-0.0020	-0.0034	0.8272	1.3681	0.0137	0.0045	0.0059	1.6458	2.1832		
		12	-0.0124	-0.0020	-0.0034									
917	14	10	1.054	6.12	0.00	1.2790	1.8078	0.0717	0.0207	0.0240	2.0006	1.6734		
		11	-0.0286	-0.0009	-0.0103	0.7197	1.5541	0.0415	0.0209	0.0155	2.5182	1.8694		
		12	-0.0062	-0.0009	-0.0019									
917	15	10	1.049	8.19	-0.00	0.9205	1.7675	0.1134	0.0306	0.0372	1.7029	1.6401		
		11	-0.0159	-0.0029	-0.0056	0.2481	1.7622	0.0872	0.0343	0.0303	1.9698	1.7383		
		12	-0.0033	-0.0001	-0.0011									
917	16	10	1.054	10.30	0.00	1.1634	2.0302	0.1547	0.0279	0.0519	0.9020	1.6786		
		11	0.0099	0.0008	-0.0003	-1.8229	2.3232	0.1557	0.0289	0.0534	0.9308	1.7160		
		12	-0.0022	0.0008	-0.0010									
917	17	10	1.054	12.36	0.00	0.4852	0.5907	0.1725	0.0291	0.0574	0.8459	1.6645		
		11	0.0031	0.0010	-0.0005	-3.8822	1.9728	0.1760	0.0294	0.0601	0.8372	1.7090		
		12	-0.0012	0.0010	-0.0005									
918	1	10	0.970	4.03	-0.00	0.3387	2.1404	-0.0164	-0.0120	-0.0071	3.6640	3.1526		
		11	-0.0049	0.0003	-0.0021	-1.1857	1.7798	-0.0055	-0.0020	-0.0033	1.8196	3.0236		
		12	-0.0315	-0.0074	-0.0112									
918	2	10	0.971	3.02	-0.00	1.8688	2.5625	-0.0093	-0.0086	-0.0042	4.6479	2.3081		
		11	-0.0021	0.0008	-0.0011	-1.0701	1.6797	0.0138	-0.0005	-0.0034	0.2144	1.2538		
		12	-0.0338	-0.0072	-0.0113									

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
918	3	10	0.970	-2.07	-0.009	7.3769	-3.2114	-0.0019	-0.0052	-0.0019	14.4727	5.1003	0.0009	0.0012	-0.0062	0.8125	-1.6202	-0.0143	-0.0001	0.0042	-0.0541	1.4825
		11	-0.0253	0.0041	-0.0008	0.0005																
		12	-0.0009	-0.0004	-0.0001	-0.0001																
918	4	10	0.970	-1.04	-0.001	3.8405	-0.3130	0.0026	-0.0017	-0.0001	-3.2232	-0.2629	0.0022	0.0017	-0.0031	0.2369	-1.7068	0.0067	0.0004	0.0021	-0.5606	1.6126
		11	-0.0093	0.0004	-0.0004	-0.0001																
		12	-0.0093	-0.0004	-0.0004	-0.0001																
918	8	10	0.969	-0.02	-0.000	0.0963	1.8213	0.0020	0.0004	0.0007	1.1103	1.7663	-0.0074	-0.0002	-0.0004	0.4634	0.9156	-0.0090	-0.0006	-0.0025	0.5826	1.4110
		11	-0.0023	0.0002	-0.0004	-0.0004																
		12	-0.0023	-0.0002	-0.0004	-0.0004																
918	9	10	0.972	0.97	-0.000	0.7549	1.7478	0.0011	0.0029	0.0007	12.3556	3.0596	-0.0129	0.0019	-0.0008	0.7675	0.9693	-0.0125	-0.0001	-0.0032	0.0549	1.2775
		11	-0.0043	-0.0006	-0.0008	-0.0008																
		12	-0.0043	-0.0006	-0.0008	-0.0008																
918	10	10	0.972	2.03	-0.000	1.0004	1.6910	0.0064	0.0053	0.0027	4.5740	2.0926	-0.0362	0.0011	-0.0016	0.8287	1.2608	-0.0201	-0.0013	-0.0052	0.3262	1.3022
		11	-0.0066	-0.0011	-0.0016	-0.0016																
		12	-0.0066	-0.0011	-0.0016	-0.0016																
918	11	10	0.973	3.05	-0.000	1.2463	1.7165	0.0169	0.0105	0.0059	3.1093	1.7613	-0.0172	0.0025	-0.0025	0.9970	1.2460	-0.0144	0.0001	-0.0032	-0.0444	1.1361
		11	-0.0100	-0.0020	-0.0025	-0.0025																
		12	-0.0100	-0.0020	-0.0025	-0.0025																
918	12	10	0.970	4.09	0.000	1.4511	1.8630	0.0254	0.0145	0.0051	2.8625	1.7969	-0.0326	0.0046	-0.0031	0.9551	1.3152	0.0049	0.0043	0.0030	4.4173	3.0612
		11	-0.0326	-0.0023	-0.0031	-0.0031																
		12	-0.0326	-0.0023	-0.0031	-0.0031																
918	13	10	0.971	6.07	-0.000	1.4178	1.8806	0.0633	0.0268	0.0217	2.1227	1.7163	-0.0219	0.0062	-0.0021	0.7197	1.5541	0.0412	0.0209	0.0150	2.5341	1.8296
		11	-0.0068	-0.0009	-0.0021	-0.0021																
		12	-0.0068	-0.0009	-0.0021	-0.0021																
918	14	10	0.974	8.17	-0.000	0.7623	1.9291	0.1114	0.0391	0.0377	1.7546	1.6928	-0.0119	0.0012	-0.0012	0.4375	1.8643	0.0889	0.0351	0.0311	1.9524	1.7323
		11	-0.0033	0.0002	-0.0012	-0.0012																
		12	-0.0033	0.0002	-0.0012	-0.0012																
918	15	10	0.975	10.25	-0.000	1.0487	-2.8376	0.1544	0.0290	0.0526	0.9396	1.7060	-0.0009	0.0005	-0.0011	1.04723	-1.8254	0.1560	0.0304	0.0537	0.9759	1.7209
		11	-0.0030	0.0002	-0.0011	-0.0011																
		12	-0.0030	0.0002	-0.0011	-0.0011																
918	16	10	0.974	12.33	0.000	1.2378	-1.8643	0.1701	0.0285	0.0571	0.8393	1.6792	-0.0015	0.0002	-0.0012	1.2378	-1.8643	0.1734	0.0295	0.0595	0.8515	1.7156
		11	-0.0033	-0.0002	-0.0012	-0.0012																
		12	-0.0033	-0.0002	-0.0012	-0.0012																

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key											
919	1	10	0.947	-4.005	-0.0017	-1.2768	2.6616	-0.0165	-0.0127	-0.0070	3.4389	1.8895		
		11	-0.0032	0.0008	-0.0116	-1.2268	1.7251	-0.0032	-0.0017	-0.0026	2.7559	4.0669		
		12	-0.0343	-0.0084	-0.0116	-1.2268	1.7251	-0.0032	-0.0017	-0.0026	2.7559	4.0669		
919	2	10	0.947	-3.013	-0.0008	-14.5902	9.5549	-0.0069	-0.0067	-0.0037	4.8805	2.0740		
		11	-0.0004	0.0013	-0.0110	-14.5902	9.5549	-0.0069	-0.0067	-0.0037	4.8805	2.0740		
		12	-0.0329	-0.0066	-0.0110	-14.5902	9.5549	-0.0069	-0.0067	-0.0037	4.8805	2.0740		
919	3	10	0.949	-2.017	-0.0000	3.0031	-0.2522	-0.0059	-0.0064	-0.0020	5.4156	1.7222		
		11	0.0030	0.0018	-0.0001	3.0031	-0.2522	-0.0059	-0.0064	-0.0020	5.4156	1.7222		
		12	-0.0269	-0.0043	-0.0008	3.0031	-0.2522	-0.0059	-0.0064	-0.0020	5.4156	1.7222		
919	4	10	0.947	-1.005	-0.0007	5.0715	-2.5538	-0.0001	-0.0026	0.0000	85.1778	-0.1126		
		11	0.0014	0.0013	-0.0007	5.0715	-2.5538	-0.0001	-0.0026	0.0000	85.1778	-0.1126		
		12	-0.0147	-0.0013	-0.0004	5.0715	-2.5538	-0.0001	-0.0026	0.0000	85.1778	-0.1126		
919	5	10	0.950	-0.004	-0.0000	-2.9364	5.0570	0.0020	-0.0001	0.0007	-0.3873	1.7851		
		11	-0.0019	0.0011	-0.0002	-2.9364	5.0570	0.0020	-0.0001	0.0007	-0.3873	1.7851		
		12	-0.0017	0.0011	-0.0002	-2.9364	5.0570	0.0020	-0.0001	0.0007	-0.3873	1.7851		
919	6	10	0.950	-0.003	-0.0002	0.6286	2.2528	0.0015	0.0025	0.0009	8.2667	3.2915		
		11	-0.0108	-0.0013	-0.0002	0.6286	2.2528	0.0015	0.0025	0.0009	8.2667	3.2915		
		12	-0.0010	-0.0001	-0.0002	0.6286	2.2528	0.0015	0.0025	0.0009	8.2667	3.2915		
919	7	10	0.947	-2.000	-0.0010	1.0093	1.9385	0.0080	0.0055	0.0031	3.4379	1.9431		
		11	-0.0274	-0.0008	-0.0010	1.0093	1.9385	0.0080	0.0055	0.0031	3.4379	1.9431		
		12	-0.0040	-0.0008	-0.0010	1.0093	1.9385	0.0080	0.0055	0.0031	3.4379	1.9431		
919	8	10	0.948	-3.008	-0.0128	1.2992	1.9224	0.0178	0.0102	0.0061	2.8809	1.7315		
		11	-0.0333	-0.0086	-0.0128	1.2992	1.9224	0.0178	0.0102	0.0061	2.8809	1.7315		
		12	-0.0076	-0.0016	-0.0023	1.2992	1.9224	0.0178	0.0102	0.0061	2.8809	1.7315		
919	9	10	0.948	-4.007	-0.0127	1.4583	1.9890	0.0262	0.0148	0.0091	2.8227	1.7456		
		11	-0.0320	-0.0093	-0.0127	1.4583	1.9890	0.0262	0.0148	0.0091	2.8227	1.7456		
		12	-0.0112	-0.0020	-0.0031	1.4583	1.9890	0.0262	0.0148	0.0091	2.8227	1.7456		
919	10	10	0.948	-6.008	-0.0112	1.3360	2.1109	0.0707	0.0296	0.0235	2.0944	1.6655		
		11	-0.0265	-0.0008	-0.0112	1.3360	2.1109	0.0707	0.0296	0.0235	2.0944	1.6655		
		12	-0.0066	-0.0008	-0.0019	1.3360	2.1109	0.0707	0.0296	0.0235	2.0944	1.6655		
919	14	10	0.947	-8.018	-0.0008	0.6215	1.6961	0.1180	0.0402	0.0394	1.7049	1.6729		
		11	-0.0137	-0.0022	-0.0008	0.6215	1.6961	0.1180	0.0402	0.0394	1.7049	1.6729		
		12	-0.0028	-0.0002	-0.0008	0.6215	1.6961	0.1180	0.0402	0.0394	1.7049	1.6729		

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																
919	15	10 11 12	0.948 -0.0024 -0.0000	10.24 -0.0008 0.0010	-0.000 -0.0008 0.0004	1.7904 227.7399	1.7982 0.1602 0.0297	0.0301 0.0540 0.0531	0.0301 0.0540 0.0531	0.1602 0.0540 0.0531	0.0301 0.0540 0.0531	0.0301 0.0540 0.0531	0.0301 0.0540 0.0531	0.0301 0.0540 0.0531	0.0301 0.0540 0.0531	0.0301 0.0540 0.0531	0.0301 0.0540 0.0531	0.9411 0.9642	1.6671 1.7249
919	16	10 11 12	0.947 -0.0001 -0.0017	12.30 -0.0011 0.0005	0.00 -0.0004 -0.0007	32.0019 -1.4607	12.7140 0.1708 0.0292	0.0572 0.0595	0.0572 0.0595	0.1708 0.0292	0.0572 0.0595	0.0572 0.0595	0.0572 0.0595	0.0572 0.0595	0.0572 0.0595	0.0572 0.0595	0.0572 0.0595	0.8355 0.8415	1.6761 1.7150
920	1	10 11 12	0.949 -0.0025 -0.0032	4.06 0.0011 -0.0045	-0.00 0.0011 -0.0068	2.2389 0.9717	2.3182 1.4772	-0.0144 -0.0085	-0.0144 -0.0085	-0.0427 -0.0196	-0.0144 -0.0085	-0.0144 -0.0085	-0.0144 -0.0085	-0.0144 -0.0085	-0.0144 -0.0085	-0.0144 -0.0085	-0.0144 -0.0085	3.0479 4.0939	1.6924 1.7772
920	2	10 11 12	0.948 -0.0036 -0.0096	3.06 0.0016 -0.0009	0.00 0.0013 -0.0029	2.2068 0.5049	1.7887 1.5084	-0.0102 -0.0068	-0.0102 -0.0068	-0.0291 -0.0166	-0.0102 -0.0068	-0.0102 -0.0068	-0.0102 -0.0068	-0.0102 -0.0068	-0.0102 -0.0068	-0.0102 -0.0068	-0.0102 -0.0068	3.4337 4.1408	1.7562 1.7172
920	3	10 11 12	0.948 -0.0045 -0.0051	2.07 0.0019 -0.0006	-0.00 0.0014 -0.0010	2.1545 0.6617	1.5788 0.9865	-0.0051 -0.0041	-0.0051 -0.0041	-0.0149 -0.0126	-0.0051 -0.0041	-0.0051 -0.0041	-0.0051 -0.0041	-0.0051 -0.0041	-0.0051 -0.0041	-0.0051 -0.0041	-0.0051 -0.0041	4.2006 4.3044	1.7271 1.6391
920	4	10 11 12	0.946 -0.0046 -0.0033	1.05 0.0022 -0.0002	-0.00 0.0014 -0.0002	2.3830 0.3218	1.5531 0.4281	-0.0017 -0.0009	-0.0017 -0.0009	-0.0042 -0.0048	-0.0017 -0.0009	-0.0017 -0.0009	-0.0017 -0.0009	-0.0017 -0.0009	-0.0017 -0.0009	-0.0017 -0.0009	-0.0017 -0.0009	6.6217 4.8633	2.0736 1.0270
920	5	10 11 12	0.944 -0.0025 -0.0011	0.02 0.0019 0.0005	-0.00 0.0008 -0.0001	3.7903 -2.1416	1.6728 0.6115	0.0002 0.0005	0.0002 0.0005	0.0018 0.0006	0.0002 0.0005	0.0002 0.0005	0.0002 0.0005	0.0002 0.0005	0.0002 0.0005	0.0002 0.0005	0.0002 0.0005	0.9041 9.0845	0.7735 4.3021
920	6	10 11 12	0.946 -0.0016 -0.0015	1.01 0.0022 0.0004	-0.00 0.0007 0.0000	6.5332 -1.6491	2.1481 -0.0013	0.0030 0.0031	0.0030 0.0031	0.0089 0.0052	0.0030 0.0031	0.0030 0.0031	0.0030 0.0031	0.0030 0.0031	0.0030 0.0031	0.0030 0.0031	0.0030 0.0031	4.1630 7.2291	1.6992 2.9089
920	7	10 11 12	0.947 -0.0030 -0.0009	2.04 0.0018 0.0006	-0.00 0.0006 0.0001	3.0234 -3.0929	1.4217 -0.7274	0.0066 0.0062	0.0066 0.0062	0.0189 0.0139	0.0066 0.0062	0.0066 0.0062	0.0066 0.0062	0.0066 0.0062	0.0066 0.0062	0.0066 0.0062	0.0066 0.0062	3.7353 5.0209	1.7593 1.2246
920	8	10 11 12	0.946 -0.0002 -0.0023	3.02 0.0007 0.0000	-0.00 -0.0002 -0.0002	16.8367 -0.0483	-17.0349 0.6260	0.0101 0.0075	0.0101 0.0075	0.0303 0.0173	0.0101 0.0075	0.0101 0.0075	0.0101 0.0075	0.0101 0.0075	0.0101 0.0075	0.0101 0.0075	0.0101 0.0075	3.3870 5.2715	1.6699 2.1856
920	9	10 11 12	0.947 -0.0089 -0.0021	4.06 -0.0025 -0.0001	-0.00 -0.0032 -0.0004	1.3322 -0.3543	1.8001 1.0345	0.0158 0.0105	0.0158 0.0105	0.0469 0.0264	0.0158 0.0105	0.0158 0.0105	0.0158 0.0105	0.0158 0.0105	0.0158 0.0105	0.0158 0.0105	0.0158 0.0105	2.9647 4.3032	1.6944 2.0002

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																		
920	10	10	0.945	6.11	-0.00	0.9552	1.5881	0.0605	0.0395	0.0277	2.4557	1.7221								
	11	11	0.0077	0.0014	0.0024	0.2740	1.4972	0.0772	0.0386	0.0278	2.4997	1.8045								
	12	12	-0.0009	0.0006	-0.0002	-3.2740														
920	11	10	0.948	8.18	-0.00	1.6125	1.8843	0.1490	0.0444	0.0495	1.4897	1.6630								
	11	11	-0.0042	-0.0013	-0.0015	-1.7028	0.9824	0.1325	0.0458	0.0463	1.7276	1.7490								
	12	12	-0.0014	0.0005	-0.0002															
920	12	10	0.945	10.26	0.00	0.5698	1.3565	0.1982	0.0361	0.0675	0.9626	1.7049								
	11	11	0.0052	0.0006	0.0014	4.7680	-0.0021	0.1956	0.0405	0.0689	1.0154	1.7275								
	12	12	0.0011	0.0011	-0.0000															
920	13	10	0.947	12.34	0.00	-3.9433	-0.0536	0.1995	0.0361	0.0675	0.9047	1.6935								
	11	11	0.0014	-0.0011	-0.0000	-1.5036	2.8518	0.2047	0.0375	0.0701	0.9176	1.7123								
	12	12	-0.0017	0.0005	-0.0010															
921	1	10	1.050	4.07	0.00	1.5529	1.4425	-0.0719	-0.0370	-0.0245	2.5747	1.7061								
	11	11	0.0086	0.0026	0.0024	0.3019	1.3010	-0.0533	-0.0319	-0.0189	2.8873	1.7141								
	12	12	-0.0121	-0.0007	-0.0031															
921	2	10	1.045	3.04	-0.00	1.6100	1.4949	-0.0515	-0.0277	-0.0175	2.6924	1.6991								
	11	11	0.0082	0.0026	0.0024	0.2871	0.5205	-0.0459	-0.0248	-0.0152	2.6992	1.6581								
	12	12	-0.0050	-0.0002	-0.0005															
921	3	10	1.048	2.09	-0.00	1.7391	1.6965	-0.0321	-0.0175	-0.0105	2.7334	1.6404								
	11	11	0.0076	0.0026	0.0026	-0.5753	-0.0000	-0.0273	-0.0156	-0.0058	2.8571	1.6128								
	12	12	-0.0030	0.0003	0.0000															
921	4	10	1.047	1.07	-0.00	1.6383	1.6445	-0.0125	-0.0079	-0.0041	3.1931	1.6512								
	11	11	0.0071	0.0023	0.0023	-1.6223	-0.4728	-0.0098	-0.0065	-0.0029	3.3086	1.5062								
	12	12	-0.0013	0.0004	0.0001															
921	5	10	1.050	-0.03	-0.00	1.8235	1.7459	0.0009	0.0002	0.0005	2.1146	2.8564								
	11	11	0.0067	0.0024	0.0023	12.0208	4.7388	0.0036	0.0020	0.0014	2.1146	2.8564								
	12	12	0.0004	0.0009	0.0003															
921	6	10	1.046	0.98	-0.00	2.0306	1.7569	0.0163	0.0098	0.0056	3.2955	1.7389								
	11	11	0.0063	0.0025	0.0022	11.7442	3.0707	0.0167	0.0108	0.0063	3.2955	1.7389								
	12	12	0.0004	0.0009	0.0002															
921	7	10	1.050	2.04	-0.00	1.9360	1.5786	0.0351	0.0191	0.0119	2.7141	1.6911								
	11	11	0.0065	0.0025	0.0020	4.2390	1.6835	0.0342	0.0200	0.0121	2.7141	1.6911								
	12	12	0.0015	0.0013	0.0005															

TABLE VIIB

TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt. Cd

See Key

921	8	10	1.049	3.07	-0.00	1.7601	1.6040	0.0574	0.0293	0.0191	2.5584	1.6709
		11	0.0056	0.0019	0.0002	6.6581	1.7992	0.0504	0.0291	0.0179	2.6928	1.7763
		12	0.0007	0.0009	0.0002							
921	9	10	1.053	4.06	-0.00	1.5544	1.5189	0.0725	0.0368	0.0245	2.5378	1.6902
		11	0.0042	0.0013	0.0012	18.0746	4.2408	0.0611	0.0357	0.0218	2.9185	1.7845
		12	0.0003	0.0010	0.0002							
921	10	10	1.051	6.16	-0.00	0.9065	1.5962	0.1223	0.0545	0.0419	2.2280	1.7143
		11	0.0096	0.0017	0.0030	33.9417	4.3609	0.1185	0.0540	0.0422	2.2779	1.7615
		12	-0.0001	0.0009	-0.0001							
921	11	10	1.050	8.23	-0.00	1.0195	1.5742	0.1765	0.0433	0.0595	1.2273	1.6851
		11	0.0102	0.0020	0.0032	6.2609	1.7077	0.1793	0.0470	0.0623	1.3114	1.7385
		12	0.0011	0.0014	0.0003							
921	12	10	1.048	10.30	0.00	0.6126	1.7437	0.2270	0.0432	0.0768	0.9516	1.6932
		11	0.0062	0.0007	0.0021	4.9013	0.4427	0.2354	0.0471	0.0814	1.0019	1.7292
		12	0.0014	0.0014	0.0001							
921	13	10	1.050	12.41	0.00	-3.7541	1.6038	0.2654	0.0463	0.0908	0.8724	1.7119
		11	0.0011	-0.0008	0.0003	2.1048	1.0708	0.2754	0.0493	0.0943	0.8952	1.7127
		12	0.0048	0.0020	0.0010							
922	1	10	1.052	4.06	-0.00	1.3404	-1.9038	-0.0940	-0.0423	-0.0327	2.2510	1.7395
		11	0.0094	0.0025	0.0036	-0.9310	-1.6725	-0.0905	-0.0480	-0.0301	2.2131	1.6629
		12	-0.0023	0.0004	0.0007							
922	2	10	1.048	3.07	-0.00	1.3987	1.7022	-0.0694	-0.0323	-0.0235	2.3286	1.5985
		11	0.0098	0.0027	0.0033	-0.9686	-0.8488	-0.0647	-0.0295	-0.0211	2.2836	1.6326
		12	-0.0022	0.0004	0.0003							
922	3	10	1.046	2.09	-0.00	1.4734	1.7886	-0.0419	-0.0201	-0.0123	2.3970	1.6935
		11	0.0098	0.0028	0.0035	-6.2594	-4.6791	-0.0377	-0.0180	-0.0123	2.3894	1.6319
		12	-0.0006	0.0008	0.0006							
922	4	10	1.047	1.04	-0.00	1.5907	1.7855	-0.0174	-0.0092	-0.0062	2.6339	1.7835
		11	0.0087	0.0027	0.0031	-1.5960	-0.9367	-0.0137	-0.0070	-0.0042	2.5736	1.5408
		12	-0.0013	0.0004	0.0002							
922	5	10	1.050	0.02	-0.00	1.7229	1.5484	0.0025	0.0008	0.0011	1.6513	2.3150
		11	0.0096	0.0033	0.0029	12.4435	2.6551	0.0055	0.0026	0.0019	2.3884	1.7330
		12	0.0004	0.0012	0.0002							

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd																			
922	6	10	1.051	1.01	-0.00	3.7044	1.6762	0.0230	0.0111	0.0079	2.4190	1.7235								
	11	11	0.0081	0.0027	0.0006	3.9317	1.5629	0.0258	0.0128	0.0086	2.4766	1.6688								
	12	12	0.0020	0.0016	0.0006															
922	7	10	1.046	2.04	-0.00	1.8683	1.7657	0.0486	0.0223	0.0166	2.3966	1.7091								
	11	11	0.0077	0.0029	0.0027	12.0208	4.7388	0.0511	0.0243	0.0174	2.3787	1.7106								
	12	12	0.0004	0.0009	0.0003															
922	8	10	1.051	3.08	-0.00	3.4735	1.6493	0.0736	0.0328	0.0250	2.3329	1.7028								
	11	11	0.0086	0.0025	0.0028	3.9194	1.2434	0.0752	0.0350	0.0257	2.3261	1.7088								
	12	12	0.0020	0.0016	0.0005															
922	9	10	1.050	4.09	-0.00	3.1965	1.7669	0.1034	0.0447	0.0358	2.1595	1.7340								
	11	11	0.0088	0.0021	0.0031	3.4676	1.4805	0.1019	0.0457	0.0353	2.1448	1.7319								
	12	12	0.0022	0.0013	0.0006															
922	10	10	1.048	6.16	-0.00	1.2235	1.9026	0.1768	0.0668	0.0615	1.8914	1.7405								
	11	11	0.0054	0.0013	0.0020	4.2202	1.2532	0.1668	0.0657	0.0596	2.0019	1.7882								
	12	12	0.0015	0.0013	0.0003															
922	11	10	1.050	8.23	-0.00	0.7737	4.1578	0.2508	0.0846	0.0892	1.6873	1.7791								
	11	11	0.0007	0.0001	0.0006	3.0550	1.6051	0.2342	0.0829	0.0846	1.7693	1.8067								
	12	12	0.0028	0.0017	0.0009															
922	12	10	1.045	10.30	0.00	0.4494	1.9397	0.2560	0.0519	0.0678	1.0141	1.7153								
	11	11	0.0087	0.0007	0.0034	2.6636	0.7967	0.2744	0.0573	0.0955	1.0453	1.7408								
	12	12	0.0024	0.0013	0.0003															
922	13	10	1.051	12.40	0.00	-0.7323	2.1440	0.3163	0.0525	0.1086	0.8303	1.7175								
	11	11	0.0045	-0.0006	0.0019	1.9030	1.2240	0.3365	0.0570	0.1163	0.8473	1.7290								
	12	12	0.0048	0.0018	0.0011															
923	3	10	1.098	-3.05	0.00	1.3127	1.9139	-0.0588	-0.0351	-0.0202	2.8881	1.7181								
	11	11	0.0066	0.0017	0.0025	0.7657	0.0014	-0.0590	-0.0342	-0.0186	2.8994	1.5813								
	12	12	-0.0047	-0.0007	-0.0000															
923	4	10	1.098	-2.07	-0.00	1.3568	1.8636	-0.0357	-0.0232	-0.0118	3.2451	1.6594								
	11	11	0.0067	0.0018	0.0025	1.3279	0.5049	-0.0363	-0.0225	-0.0108	3.1047	1.4944								
	12	12	-0.0062	-0.0016	-0.0006															
923	5	10	1.099	-1.04	-0.00	1.1577	1.7760	-0.0120	-0.0108	-0.0038	4.5142	1.6038								
	11	11	0.0074	0.0017	0.0026	1.4450	0.6273	-0.0100	-0.0097	-0.0023	4.8576	1.1776								
	12	12	-0.0050	-0.0014	-0.0006															

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key													
923	6	10	1.100	-0.0017	-0.0005	1.6518	2.0023	0.0023	0.0003	0.0010	0.8282	2.1673				
			0.0051	0.0009	0.0005	1.7267	0.9317	0.0012	0.0016	0.0013	0.4767	5.3291				
923	7	10	1.100	1.02	-0.0003	2.3210	2.0663	0.0144	0.0111	0.0056	3.8475	1.9475				
			0.0048	0.0010	0.0003	1.3804	0.5033	0.0158	0.0136	0.0062	4.3068	1.5720				
923	8	10	1.101	2.03	-0.0005	2.1620	2.0206	0.0374	0.0230	0.0131	3.0753	1.7642				
			0.0049	0.0012	0.0005	1.6375	0.6615	0.0383	0.0255	0.0139	3.3326	1.8235				
923	9	10	1.099	3.10	-0.0005	1.4688	2.2731	0.0641	0.0349	0.0223	2.7233	1.7386				
			0.0055	0.0016	0.0005	1.7097	0.7533	0.0580	0.0367	0.0212	3.1715	1.8313				
923	10	10	1.101	4.11	-0.0001	2.1811	3.1470	0.0871	0.0468	0.0300	2.6888	1.7265				
			0.0030	0.0010	0.0001	2.2550	-0.2643	0.0720	0.0474	0.0270	3.2908	1.8804				
923	11	10	1.106	6.15	-0.0007	0.0076	2.1874	0.1375	0.0655	0.0480	2.3840	1.7478				
			0.0029	0.0015	0.0007	2.7320	1.3165	0.1283	0.0654	0.0467	2.5502	1.8194				
923	12	10	1.100	8.23	-0.0003	1.2671	6.646	0.2133	0.0815	0.0761	1.9119	1.7853				
			0.0009	0.0006	0.0003	2.3718	1.4352	0.1926	0.0802	0.0709	2.0831	1.8400				
923	13	10	1.100	10.34	-0.0005	-0.9514	-3.8401	0.2912	0.0533	0.1049	1.6021	1.8011				
			0.0006	0.0001	0.0001	-0.1009	-2.2657	0.2685	0.0915	0.0987	1.7025	1.8357				
923	14	10	1.099	12.41	-0.0002	1.8470	1.0895	0.3194	0.0546	0.1094	0.8559	1.7139				
			0.0051	0.0019	0.0002	0.7050	-1.6145	0.3015	0.0522	0.1040	0.8663	1.7252				
924	1	10	1.100	-4.10	-0.0005	-0.1884	2.3312	-0.1065	-0.0440	-0.0361	2.0681	1.6941				
			0.0080	-0.0016	0.0005	-2.3005	0.6920	-0.1036	-0.0435	-0.0341	2.1034	1.6477				
924	2	10	1.102	-3.07	-0.0002	0.4487	2.1274	-0.0823	-0.0344	-0.0272	2.0931	1.6548				
			0.0096	0.0011	0.0002	2.0716	0.4536	-0.0758	-0.0323	-0.0247	2.1343	1.6295				

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
924	3	10	1.190	-2.10	0.00	0.5974	2.0402	-0.0529	-0.0231	-0.0169	2.1853	1.6056						
			0.0091	0.0010	0.0037	0.3515	0.4947	-0.0475	-0.0212	-0.0151	2.2308	1.5973						
			-0.0038	-0.0017	-0.0003													
924	4	10	1.100	-1.05	-0.00	0.6904	2.2741	-0.0227	-0.0101	-0.0056	2.2355	1.5161						
			0.0067	0.0011	0.0040	0.6367	0.8702	-0.0181	-0.0082	-0.0056	2.2665	1.5687						
			-0.0014	-0.0010	-0.0002													
924	5	10	1.102	-0.02	-0.00	0.8620	2.0712	0.0000	-0.0001	0.0003	49.0524	28.8161						
			0.0067	0.0015	0.0036	0.4589	1.2692	0.0024	0.0021	0.0012	4.4666	2.5377						
			-0.0009	-0.0014	-0.0002													
924	6	10	1.102	1.01	-0.00	0.8908	2.0673	0.0251	0.0111	0.0087	2.2139	1.7520						
			0.0064	0.0015	0.0035	0.6134	1.3528	0.0276	0.0134	0.0095	2.4373	1.7311						
			-0.0013	-0.0019	-0.0003													
924	7	10	1.103	2.00	-0.00	0.4839	2.0019	0.0566	0.0240	0.0187	2.1221	1.6522						
			0.0077	0.0007	0.0031	0.4037	1.4343	0.0559	0.0254	0.0193	2.2756	1.7274						
			-0.0021	-0.0022	-0.0006													
924	8	10	1.100	3.08	-0.00	0.5322	2.0161	0.0825	0.0336	0.0278	2.0378	1.6875						
			0.0092	0.0009	0.0037	0.6974	1.6664	0.0823	0.0358	0.0283	2.1761	1.7210						
			-0.0007	-0.0011	-0.0002													
924	9	10	1.102	4.00	-0.00	0.1757	2.0641	0.1113	0.0446	0.0379	2.0032	1.7057						
			0.0093	0.0003	0.0038	0.1769	-1.9246	0.1119	0.0465	0.0369	2.0802	1.7384						
			-0.0003	-0.0010	-0.0001													
924	10	10	1.103	6.00	-0.00	0.4232	2.1384	0.1831	0.0642	0.0633	1.7232	1.7422						
			0.0067	-0.0006	0.0037	0.4232	2.1943	0.1800	0.0642	0.0643	1.7830	1.7860						
			0.0000	-0.0006	-0.0001													
924	11	10	1.104	8.25	-0.00	0.6366	2.5294	0.2670	0.0782	0.0948	1.4645	1.7746						
			0.0068	-0.0011	0.0034	0.8999	2.9462	0.2613	0.0774	0.0948	1.4809	1.8137						
			-0.0010	-0.0008	-0.0006													
924	12	10	1.100	10.33	0.00	1.8767	3.1145	0.3540	0.0897	0.1274	1.2679	1.8007						
			0.0042	-0.0015	0.0026	0.8320	1.0538	0.3479	0.0882	0.1272	1.2687	1.8284						
			0.0012	0.0001	0.0002													
924	13	10	1.105	12.44	0.00	0.009	14.9215	0.4397	0.0985	0.1585	1.1203	1.8021						
			0.0003	-0.0025	0.0002	0.9581	0.5946	0.4310	0.0968	0.1578	1.1238	1.8307						
			0.0021	0.0004	0.0002													

TABLE III
TAIL FIN STALL AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key													
925	1	10	1.253	-4.09	0.0001	0.0006	0.0753	2.3333	-0.1075	-0.0308	-0.0359	1.8056	1.6714			
		11	0.0079	0.0009	0.0006	0.0038	4.6746	3.3333	-0.1080	-0.0376	-0.0362	1.7336	1.6698			
		12	0.0010	0.0009	0.0006	0.0038	4.6746	3.3333	-0.1080	-0.0376	-0.0362	1.7336	1.6698			
925	2	10	1.250	-3.06	0.0037	0.0005	0.3655	2.0000	-0.0757	-0.0298	-0.0255	1.9200	1.6444			
		11	0.0082	0.0015	0.0005	0.0005	4.6853	2.0000	-0.0757	-0.0280	-0.0251	1.8298	1.6410			
		12	0.0017	0.0015	0.0005	0.0005	4.6853	2.0000	-0.0757	-0.0280	-0.0251	1.8298	1.6410			
925	3	10	1.251	-2.09	0.0007	0.0010	0.4504	2.0000	-0.0493	-0.0204	-0.0156	2.0668	1.5799			
		11	0.0057	0.0015	0.0010	0.0010	2.3445	2.0000	-0.0493	-0.0185	-0.0155	1.9275	1.6092			
		12	0.0033	0.0015	0.0010	0.0010	2.3445	2.0000	-0.0493	-0.0185	-0.0155	1.9275	1.6092			
925	4	10	1.251	-1.05	0.0008	0.0012	0.5633	2.0000	-0.0193	-0.0085	-0.0057	2.2264	1.4894			
		11	0.0078	0.0011	0.0012	0.0012	1.3082	2.0000	-0.0193	-0.0071	-0.0061	2.16305	1.5687			
		12	0.0045	0.0011	0.0012	0.0012	1.3082	2.0000	-0.0193	-0.0071	-0.0061	2.16305	1.5687			
925	5	10	1.252	-0.02	0.0007	0.0015	0.4423	2.0000	0.0050	0.0027	0.0025	1.5061	2.0722			
		11	0.0077	0.0006	0.0007	0.0015	0.6855	2.0000	0.0050	0.0027	0.0025	1.7268	1.5285			
		12	0.0056	0.0007	0.0015	0.0015	0.6855	2.0000	0.0050	0.0027	0.0025	1.7268	1.5285			
925	6	10	1.253	0.99	0.0013	0.0021	0.4782	2.0000	0.0333	0.0136	0.0117	1.9198	1.6596			
		11	0.0075	0.0013	0.0021	0.0021	0.6782	2.0000	0.0333	0.0136	0.0117	1.9198	1.6596			
		12	0.0067	0.0013	0.0021	0.0021	0.6782	2.0000	0.0333	0.0136	0.0117	1.9198	1.6596			
925	7	10	1.252	2.05	0.0015	0.0016	0.4898	2.0000	0.0608	0.0233	0.0197	1.8828	1.6606			
		11	0.0071	0.0015	0.0016	0.0016	1.2000	2.0000	0.0608	0.0242	0.0197	1.9973	1.6606			
		12	0.0061	0.0015	0.0016	0.0016	1.2000	2.0000	0.0608	0.0242	0.0197	1.9973	1.6606			
925	8	10	1.253	3.09	0.0013	0.0018	0.4780	2.0000	0.0958	0.0340	0.0323	1.7592	1.6711			
		11	0.0058	0.0013	0.0018	0.0018	1.1780	2.0000	0.0958	0.0340	0.0323	1.8629	1.6711			
		12	0.0068	0.0013	0.0018	0.0018	1.1780	2.0000	0.0958	0.0337	0.0302	1.8629	1.6711			
925	9	10	1.254	4.13	0.0004	0.0014	0.3848	2.0000	0.1243	0.0418	0.0410	1.6819	1.6915			
		11	0.0052	0.0004	0.0014	0.0014	0.3848	2.0000	0.1243	0.0421	0.0410	1.7613	1.6915			
		12	0.0050	0.0004	0.0014	0.0014	0.3848	2.0000	0.1195	0.0421	0.0410	1.7613	1.6915			
925	10	10	1.254	6.16	0.0007	0.0019	0.4993	2.0000	0.1968	0.0571	0.0681	1.4509	1.7306			
		11	0.0029	-0.0007	0.0007	0.0019	1.4993	2.0000	0.1968	0.0570	0.0657	1.5320	1.7306			
		12	0.0061	-0.0007	0.0007	0.0019	1.4993	2.0000	0.1863	0.0570	0.0657	1.5320	1.7306			
925	11	10	1.255	8.27	0.0006	0.0018	0.4898	2.0000	0.2752	0.0691	0.0972	1.2569	1.7661			
		11	0.0028	-0.0006	0.0006	0.0018	1.4898	2.0000	0.2752	0.0688	0.0925	1.3377	1.7661			
		12	0.0060	-0.0006	0.0006	0.0018	1.4898	2.0000	0.2575	0.0688	0.0925	1.3377	1.7661			

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key →													
925	12	1.254	10.39	-0.003	1.6989	-0.5905	0.3522	0.0791	0.1254	1.1232	1.7807				
	11	-0.0029	-0.0010	0.0003	1.5793	1.2905	0.3502	0.0791	0.1195	1.1969	1.8092				
	12	0.0070	0.0022	0.0018											
925	10	1.254	12.46	-0.00	1.4248	0.9413	0.4213	0.0864	0.1509	1.0256	1.7908				
	11	-0.0083	-0.0023	-0.0015	2.6240	1.5307	0.3984	0.0854	0.1443	1.0716	1.8113				
	12	0.0055	0.0029	0.0017											
926	3	1.051	4.07	-0.00	0.9145	1.9303	-0.1105	-0.0420	-0.0376	1.9022	1.7029				
	11	0.0099	0.0018	0.0038	-7.4742	-4.4558	-0.1044	-0.0395	-0.0346	1.8947	1.6600				
	12	-0.0004	0.0006	0.0003											
926	4	1.051	3.06	-0.00	0.8443	2.0357	-0.0802	-0.0311	-0.0266	1.9369	1.6621				
	11	0.0086	0.0014	0.0035	-0.4513	0.0000	-0.0744	-0.0285	-0.0244	1.9213	1.6452				
	12	-0.0013	0.0001	-0.0000											
926	5	1.045	2.08	-0.00	0.8908	2.0673	-0.0518	-0.0198	-0.0170	1.9120	1.6430				
	11	0.0088	0.0015	0.0036	10.7876	3.6392	-0.0458	-0.0172	-0.0148	1.8830	1.6240				
	12	0.0003	0.0007	0.0002											
926	6	1.050	1.05	-0.00	1.1625	1.9903	-0.0216	-0.0085	-0.0067	1.9819	1.5508				
	11	0.0082	0.0004	0.0032	-4.4543	-2.6479	-0.0184	-0.0066	-0.0058	1.7952	1.5857				
	12	-0.0004	0.0004	0.0002											
926	7	1.050	0.03	-0.00	1.2503	2.0993	0.0006	-0.0001	0.0006	-0.9502	4.9491				
	11	0.0081	0.0020	0.0034	1.0324	0.6567	0.0055	0.0024	0.0016	2.2161	1.5158				
	12	0.0020	0.0012	0.0002											
926	8	1.050	1.00	-0.00	1.3057	2.0556	0.0301	0.0114	0.0104	1.8968	1.7234				
	11	0.0073	0.0019	0.0030	1.6606	1.3092	0.0330	0.0133	0.0110	2.0169	1.6693				
	12	0.0015	0.0010	0.0003											
926	9	1.050	2.06	-0.00	1.3491	2.0923	0.0570	0.0214	0.0197	1.8838	1.7334				
	11	0.0074	0.0020	0.0031	1.0367	0.8359	0.0609	0.0239	0.0202	1.9658	1.6640				
	12	0.0023	0.0014	0.0003											
926	10	1.052	3.08	-0.00	1.2045	2.0246	0.0879	0.0330	0.0299	1.8797	1.7035				
	11	0.0083	0.0020	0.0033	1.8774	0.7724	0.0895	0.0346	0.0303	1.9358	1.6919				
	12	0.0016	0.0012	0.0002											
926	11	1.049	4.10	-0.00	0.7920	1.8484	0.1211	0.0442	0.0416	1.8286	1.7180				
	11	0.0084	0.0013	0.0031	5.1391	-0.0027	0.1201	0.0448	0.0419	1.8668	1.7445				
	12	0.0008	0.0008	-0.0000											

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
926	12	10	1.053	6.13	-0.00	0.1635	1.9767	0.1945	0.0636	0.0683	1.6342	1.7554						
		11	0.0069	0.0002	0.0006	3.0478	1.3037	0.1934	0.0638	0.0681	1.6501	1.7613						
		12	0.0025	0.0015	0.0006													
926	13	10	1.051	8.22	-0.00	0.1014	2.1186	0.2818	0.0813	0.1003	1.4429	1.7803						
		11	0.0058	0.0001	0.0027	0.0239	0.2994	0.2774	0.0809	0.1000	1.4578	1.8034						
		12	0.0021	0.0013	0.0001													
926	14	10	1.053	10.33	-0.00	-2.0950	3.0961	0.3720	0.0946	0.1338	1.2725	1.7983						
		11	0.0021	-0.0008	0.0013	-3.0253	0.3596	0.3649	0.0939	0.1328	1.2868	1.8201						
		12	0.0018	0.0011	0.0001													
926	15	10	1.051	12.41	0.00	4.0057	0.8824	0.4425	0.1030	0.1600	1.1642	1.8076						
		11	-0.0037	-0.0029	-0.0006	1.6941	0.9615	0.4329	0.1032	0.1581	1.1918	1.8265						
		12	0.0047	0.0016	0.0009													
927	1	10	1.047	-4.09	-0.00	0.1681	2.6002	-0.1231	-0.0414	-0.0413	1.6827	1.6782						
		11	0.0075	0.0002	0.0039	2.3155	0.0016	-0.1125	-0.0368	-0.0386	1.6371	1.7159						
		12	0.0026	0.0012	0.0000													
927	2	10	1.046	-3.04	0.00	0.1793	2.5418	-0.0895	-0.0304	-0.0297	1.6999	1.6611						
		11	0.0069	0.0002	0.0035	2.0115	0.2422	-0.0798	-0.0260	-0.0273	1.6305	1.7094						
		12	0.0027	0.0010	0.0001													
927	3	10	1.050	-2.08	-0.00	0.3086	2.4050	-0.0602	-0.0202	-0.0190	1.6844	1.5781						
		11	0.0075	0.0004	0.0036	1.9951	0.3693	-0.0497	-0.0163	-0.0173	1.6404	1.7415						
		12	0.0035	0.0014	0.0002													
927	4	10	1.045	-1.05	-0.00	0.2544	2.5677	-0.0279	-0.0093	-0.0084	1.6689	1.5049						
		11	0.0071	0.0003	0.0036	1.9928	0.0021	-0.0190	-0.0056	-0.0069	1.4729	1.8221						
		12	0.0035	0.0014	0.0000													
927	5	10	1.047	-0.02	-0.00	0.2493	2.3847	0.0012	0.0000	0.0014	0.3165	5.6657						
		11	0.0070	0.0003	0.0033	2.0904	0.3349	0.0114	0.0040	0.0027	1.7650	1.1851						
		12	0.0039	0.0016	0.0002													
927	6	10	1.047	1.01	0.00	0.3208	2.4139	0.0245	0.0075	0.0090	1.5341	1.8337						
		11	0.0072	0.0004	0.0033	1.9849	0.4479	0.0363	0.0124	0.0111	1.7150	1.5286						
		12	0.0043	0.0017	0.0003													
927	7	10	1.049	2.04	-0.00	0.4100	2.8076	0.0620	0.0202	0.0217	1.6296	1.7493						
		11	0.0057	0.0004	0.0032	2.0271	0.5740	0.0708	0.0234	0.0226	1.6588	1.5999						
		12	0.0045	0.0018	0.0005													

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TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
927	8	10	1.047	3.07	-0.00	0.4217	2.4637	0.0936	0.0307	0.0324	1.6429	1.7312	0.0068	0.0005	0.0033	0.0005	0.0017	0.0005	0.0005	0.0334	1.6571	1.6601
927	9	10	1.045	4.09	0.00	0.1896	2.3695	0.1239	0.0404	0.0428	1.6314	1.7288	0.0054	0.0006	0.0029	0.0006	0.0018	0.0006	0.0006	0.0451	1.6485	1.6582
927	10	10	1.047	6.15	-0.00	-0.7135	2.7163	0.2071	0.0629	0.0730	1.5187	1.7646	0.0045	0.0006	0.0024	0.0006	-0.0016	0.0006	0.0006	0.0730	1.5224	1.7449
927	11	10	1.050	8.22	-0.00	-3.2354	3.8317	0.2958	0.0791	0.1058	1.3372	1.7886	0.0027	0.0020	0.0020	0.0005	-0.0017	0.0021	0.0005	0.1051	1.3582	1.7812
927	12	10	1.047	10.30	-0.00	13.3829	-3.9997	0.3873	0.0913	0.1397	1.1793	1.8043	-0.0012	0.0010	0.0010	0.0005	0.0022	0.0022	0.0005	0.1388	1.2015	1.7999
927	13	10	1.049	12.42	0.00	7.0902	-0.3595	0.4742	0.1002	0.1720	1.0572	1.8136	-0.0035	0.0020	0.0020	0.0002	0.0019	0.0019	0.0002	0.1703	1.0825	1.8114
928	1	10	0.999	4.05	-0.00	0.3240	2.0506	-0.1134	-0.0431	-0.0389	1.8020	1.7162	0.0073	0.0004	0.0029	0.0005	0.0000	0.0000	0.0005	0.0362	1.8907	1.6852
928	2	10	0.998	3.05	0.00	0.6610	1.8833	-0.0865	-0.0336	-0.0294	1.9425	1.7022	0.0079	0.0020	0.0020	0.0002	0.0010	0.0010	0.0002	0.0263	1.9266	1.6906
928	3	10	0.999	2.10	-0.00	0.7920	1.8484	-0.0540	-0.0210	-0.0181	1.9471	1.6839	0.0086	0.0014	0.0014	0.0004	0.0005	0.0005	0.0004	0.0160	1.9431	1.6814
928	4	10	0.998	1.04	-0.00	0.9618	1.8697	-0.0236	-0.0094	-0.0077	1.9902	1.6303	0.0073	0.0014	0.0014	0.0004	0.0004	0.0004	0.0004	0.0060	1.9902	1.6917
928	5	10	0.997	-0.02	-0.00	1.0505	1.8401	0.0009	-0.0000	0.0004	-0.0894	2.2961	0.0066	0.0014	0.0014	0.0002	0.0006	0.0006	0.0002	0.0017	-0.0894	2.4388

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
928	6	10	0.997	0.99	-0.00	1.2078	1.7878	0.0285	0.0105	0.0093	1.8393	1.6377						
		11	0.0072	0.0017	0.0002	3.0415	1.0384	0.0345	0.0137	0.0108	1.9873	1.5722						
		12	0.0013	0.0008	0.0002													
928	7	10	0.997	2.02	0.00	1.2596	1.6712	0.0556	0.0211	0.0188	1.8968	1.6906						
		11	0.0069	0.0017	0.0023	3.0324	0.6567	0.0604	0.0239	0.0202	1.9813	1.6727						
		12	0.0020	0.0012	0.0002													
928	8	10	0.996	3.07	-0.00	0.9385	1.5047	0.0903	0.0341	0.0304	1.8871	1.6842						
		11	0.0067	0.0012	0.0020	3.0290	0.5148	0.0912	0.0354	0.0312	1.9561	1.7114						
		12	0.0013	0.0008	0.0001													
928	9	10	0.998	4.11	-0.00	0.6280	1.5636	0.1275	0.0459	0.0436	1.8013	1.7097						
		11	0.0081	0.0010	0.0025	2.5677	1.3746	0.1289	0.0472	0.0440	1.8511	1.7089						
		12	0.0019	0.0010	0.0005													
928	10	10	0.996	6.14	-0.00	-0.0976	1.4617	0.2044	0.0658	0.0714	1.6111	1.7478						
		11	0.0068	-0.0001	0.0020	-2.2685	0.5441	0.2041	0.0666	0.0716	1.6333	1.7554						
		12	0.0025	0.0011	0.0002													
928	11	10	0.995	8.20	-0.00	-0.9766	1.5939	0.2964	0.0845	0.1053	1.4257	1.7765						
		11	0.0042	-0.0008	0.0013	-1.9974	0.7411	0.2525	0.0842	0.1050	1.4407	1.7947						
		12	0.0036	0.0014	0.0005													
928	12	10	0.995	10.32	0.00	1.9030	29.9935	0.3908	0.0981	0.1402	1.2560	1.7946						
		11	0.0000	-0.0018	0.0001		1.2240	0.3830	0.0960	0.1391	1.2804	1.8160						
		12	0.0050	0.0019	0.0012													
928	13	10	1.001	12.39	0.00	2.1521	1.2346	0.4697	0.1068	0.1694	1.1373	1.8034						
		11	0.0016	-0.0030	-0.0004	2.0088	-0.2355	0.4633	0.1072	0.1686	1.1575	1.8199						
		12	-0.0028	0.0011	-0.0001													
929	1	10	0.973	-4.08	-0.00	-0.0724	2.4551	-0.1252	-0.0429	-0.0428	1.7155	1.7108						
		11	0.0068	-0.0000	0.0033	-3.0168	0.0005	-0.1159	-0.0392	-0.0395	1.6931	1.7076						
		12	0.0009	0.0005	0.0000													
929	2	10	0.975	-3.04	0.00	0.2323	2.1126	-0.0926	-0.0325	-0.0311	1.7575	1.6824						
		11	0.0079	0.0003	0.0033	1.6413	0.3974	-0.0815	-0.0277	-0.0280	1.7028	1.7193						
		12	0.0035	0.0011	0.0002													
929	3	10	0.972	-2.08	-0.00	-0.0832	1.9538	-0.0622	-0.0214	-0.0206	1.7219	1.6580						
		11	0.0071	-0.0001	0.0027	1.8394	1.0302	-0.0534	-0.0178	-0.0184	1.6707	1.7227						
		12	0.0040	0.0015	0.0008													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
929	4	10	0.972	-1.05	-0.00	0.1570	1.9854	-0.0275	-0.0093	-0.0087	1.6919	1.5959	0.0077	0.0002	0.0030	0.1570	1.9854	-0.0275	-0.0093	-0.0087	1.6919	1.5959
		11	0.0027	0.0010	0.0002	1.9404	0.5194	-0.0108	-0.0055	-0.0069	1.4872	1.8393	0.0027	0.0010	0.0002	1.9404	0.5194	-0.0108	-0.0055	-0.0069	1.4872	1.8393
929	5	10	0.971	-0.01	-0.00	0.0995	2.2282	0.0014	0.0000	0.0010	0.3258	3.5267	0.0065	0.0011	0.0029	0.0995	2.2282	0.0014	0.0000	0.0010	0.3258	3.5267
		12	0.0034	0.0012	0.0002	1.8779	0.4116	0.0110	0.0037	0.0027	1.7049	1.2602	0.0034	0.0012	0.0002	1.8779	0.4116	0.0110	0.0037	0.0027	1.7049	1.2602
929	6	10	0.973	1.00	-0.00	0.1582	1.7876	0.0271	0.0083	0.0095	1.5364	1.7590	0.0074	0.0002	0.0026	0.1582	1.7876	0.0271	0.0083	0.0095	1.5364	1.7590
		11	0.0035	0.0013	0.0005	1.9417	0.7816	0.0381	0.0130	0.0115	1.7079	1.5091	0.0035	0.0013	0.0005	1.9417	0.7816	0.0381	0.0130	0.0115	1.7079	1.5091
929	7	10	0.973	2.03	-0.00	0.3139	1.6762	0.0622	0.0205	0.0208	1.6493	1.6714	0.0074	0.0004	0.0025	0.3139	1.6762	0.0622	0.0205	0.0208	1.6493	1.6714
		11	0.0036	0.0014	0.0004	1.9407	0.5848	0.0704	0.0238	0.0226	1.6949	1.6060	0.0036	0.0014	0.0004	1.9407	0.5848	0.0704	0.0238	0.0226	1.6949	1.6060
929	8	10	0.972	3.07	-0.00	0.3516	1.5912	0.0980	0.0327	0.0330	1.6700	1.6861	0.0063	0.0005	0.0026	0.3516	1.5912	0.0980	0.0327	0.0330	1.6700	1.6861
		11	0.0051	0.0017	0.0007	1.6939	0.5843	0.1042	0.0352	0.0344	1.7200	1.6503	0.0051	0.0017	0.0007	1.6939	0.5843	0.1042	0.0352	0.0344	1.7200	1.6503
929	9	10	0.972	4.09	-0.00	-0.5251	1.9522	0.1307	0.0432	0.0449	1.6558	1.7189	0.0057	0.0005	0.0022	-0.5251	1.9522	0.1307	0.0432	0.0449	1.6558	1.7189
		11	0.0048	0.0017	0.0005	1.8091	0.5827	0.1372	0.0459	0.0462	1.6748	1.6839	0.0048	0.0017	0.0005	1.8091	0.5827	0.1372	0.0459	0.0462	1.6748	1.6839
929	10	10	0.973	6.14	-0.00	-0.5334	1.8467	0.2156	0.0655	0.0751	1.5204	1.7421	0.0067	0.0005	0.0023	-0.5334	1.8467	0.2156	0.0655	0.0751	1.5204	1.7421
		11	0.0050	0.0018	0.0005	1.8563	0.5600	0.2185	0.0668	0.0760	1.5290	1.7385	0.0050	0.0018	0.0005	1.8563	0.5600	0.2185	0.0668	0.0760	1.5290	1.7385
929	11	10	0.971	8.20	-0.00	-3.0308	2.7058	0.3072	0.0840	0.1089	1.3679	1.7733	0.0033	0.0015	0.0018	-3.0308	2.7058	0.3072	0.0840	0.1089	1.3679	1.7733
		11	0.0038	0.0015	0.0000	1.9928	0.0021	0.3089	0.0851	0.1100	1.3785	1.7804	0.0038	0.0015	0.0000	1.9928	0.0021	0.3089	0.0851	0.1100	1.3785	1.7804
929	12	10	0.972	10.32	-0.00	2.4218	-1.3120	0.4138	0.0987	0.1486	1.1934	1.7969	0.0021	0.0005	0.0011	2.4218	-1.3120	0.4138	0.0987	0.1486	1.1934	1.7969
		11	0.0080	0.0025	0.0011	1.5745	0.6958	0.4075	0.0993	0.1466	1.2192	1.7989	0.0080	0.0025	0.0011	1.5745	0.6958	0.4075	0.0993	0.1466	1.2192	1.7989
929	13	10	0.971	12.38	-0.00	15.4223	-1.2369	0.5021	0.1077	0.1811	1.0732	1.8034	0.0016	0.0005	0.0004	15.4223	-1.2369	0.5021	0.1077	0.1811	1.0732	1.8034
		11	0.0020	0.0018	0.0005	1.5512	0.4705	0.4564	0.1088	0.1799	1.0964	1.8125	0.0020	0.0018	0.0005	1.5512	0.4705	0.4564	0.1088	0.1799	1.0964	1.8125
930	3	10	0.974	4.08	-0.00	1.4688	2.2731	-0.0763	-0.0372	-0.0255	2.4420	1.6724	0.0061	0.0018	0.0028	1.4688	2.2731	-0.0763	-0.0372	-0.0255	2.4420	1.6724
		11	0.0052	0.0004	0.0005	0.4083	0.5331	-0.0709	-0.0348	-0.0230	2.4575	1.6221	0.0052	0.0004	0.0005	0.4083	0.5331	-0.0709	-0.0348	-0.0230	2.4575	1.6221

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd																		
930	4	10	0.972	-3.04	-0.0029	1.6858	2.2858	-0.0547	-0.0272	-0.0183	2.4903	1.6781								
		11	0.0064	0.0021	0.0001	0.2454	0.1652	-0.0511	-0.0249	-0.0163	2.4424	1.6022								
		12	-0.0042	-0.0002	-0.0001															
930	5	10	0.973	-2.08	-0.0028	1.7323	2.3670	-0.0341	-0.0180	-0.0116	2.6446	1.7030								
		11	0.0059	0.0020	0.0002	0.2902	0.3898	-0.0309	-0.0158	-0.0098	2.5615	1.5909								
		12	-0.0036	-0.0002	-0.0001															
930	6	10	0.974	-1.03	-0.0026	1.7302	2.2491	-0.0115	-0.0070	-0.0040	3.0490	1.7350								
		11	0.0059	0.0020	0.0001	0.0381	0.2726	-0.0096	-0.0054	-0.0026	2.8287	1.3615								
		12	-0.0025	0.0000	-0.0001															
930	7	10	0.974	-0.03	-0.0028	1.8114	2.2196	0.0013	0.0004	0.0008	1.6890	3.1126								
		11	0.0063	0.0022	0.0000	0.0074	-0.0005	0.0032	0.0019	0.0016	3.0479	2.5990								
		12	-0.0012	0.0002	0.0000															
930	8	10	0.974	1.01	-0.0028	2.3040	2.6761	0.0186	0.0104	0.0064	2.7883	1.7165								
		11	0.0052	0.0024	0.0001	0.3310	0.3411	0.0196	0.0115	0.0073	2.9384	1.8719								
		12	-0.0020	0.0001	-0.0001															
930	9	10	0.972	2.02	-0.0026	2.0693	2.6820	0.0391	0.0197	0.0132	2.5236	1.6960								
		11	0.0049	0.0020	0.0001	4.6259	-1.0918	0.0377	0.0205	0.0134	2.7263	1.7890								
		12	-0.0006	0.0005	0.0001															
930	10	10	0.972	3.07	-0.0028	1.5524	2.6287	0.0614	0.0296	0.0208	2.4115	1.6955								
		11	0.0053	0.0017	0.0001	1.903	1.3688	0.0584	0.0304	0.0206	2.6031	1.7717								
		12	0.0000	0.0005	0.0001															
930	11	10	0.972	4.07	-0.0022	1.6272	3.3083	0.0660	0.0399	0.0295	2.3213	1.7160								
		11	0.0034	0.0011	0.0002						2.6030	1.7835								
		12	-0.0000	0.0005	0.0001															
930	12	10	0.973	6.10	-0.0018	0.0803	4.7077	0.1331	0.0579	0.0457	2.1752	1.7181								
		11	0.0019	0.0030	0.0000	0.2329	-0.0069	0.1210	0.0558	0.0434	2.3065	1.7928								
		12	-0.0004	0.0007	0.0000															
930	13	10	0.975	8.20	-0.0027	0.7744	2.5259	0.1825	0.0455	0.0260	1.2466	1.6982								
		11	0.0055	0.0008	0.0001	21.4017		0.1815	0.0472	0.0634	1.3010	1.7485								
		12	-0.0000	0.0009	-0.0001															
930	14	10	0.972	10.29	0.0021	-0.1537	3.4899	0.2359	0.0452	0.0804	0.9582	1.7040								
		11	0.0030	-0.0000	0.0000	5.4882	-0.0032	0.2421	0.0469	0.0841	0.9697	1.7373								
		12	0.0011	0.0013	-0.0000															

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
930	15	10	0.974	12.34	0.00	-21.7663	15.5197	0.2630	0.0460	0.0903	0.8753	1.7185						
		11	0.0002	-0.0011	0.0006	2.3763	1.1933	0.2783	0.0498	0.0957	0.8962	1.7197						
		12	0.0029	0.0013	0.0006													
931	1	10	0.973	-4.09	0.00	1.0643	2.0913	-0.0982	-0.0425	-0.0334	2.1642	1.7001						
		11	0.0074	0.0015	0.0001	0.1907	-0.2504	-0.0942	-0.0401	-0.0308	2.1321	1.6366						
		12	-0.0028	-0.0001	0.0001													
931	2	10	0.972	-3.04	0.00	1.1743	2.5123	-0.0687	-0.0301	-0.0232	2.1908	1.6881						
		11	0.0072	0.0017	0.0001	0.2196	-0.2832	-0.0661	-0.0204	-0.0211	2.1511	1.6018						
		12	-0.0024	-0.0001	0.0001													
931	3	10	0.971	-2.07	0.00	1.2257	2.4266	-0.0434	-0.0196	-0.0144	2.2582	1.6608						
		11	0.0069	0.0016	0.0001	0.4140	0.2659	-0.0394	-0.0175	-0.0128	2.2222	1.6268						
		12	-0.0026	-0.0002	0.0001													
931	4	10	0.974	-1.04	0.00	1.4461	2.1248	-0.0210	-0.0095	-0.0068	2.2570	1.6258						
		11	0.0078	0.0022	0.0000	0.0303	0.0005	-0.0162	-0.0069	-0.0048	2.1404	1.4796						
		12	-0.0022	0.0000	0.0000													
931	5	10	0.972	-0.02	0.00	1.4225	2.1411	0.0008	0.0003	0.0009	2.0031	5.8563						
		11	0.0072	0.0020	0.0002			0.0046	0.0024	0.0019	2.6185	2.1118						
		12	-0.0000	0.0005	0.0002													
931	6	10	0.972	0.99	0.00	1.4046	2.0884	0.0227	0.0103	0.0081	2.2764	1.7875						
		11	0.0077	0.0021	0.0001	-4.5966	-1.3572	0.0269	0.0128	0.0053	2.3861	1.7261						
		12	-0.0005	0.0004	0.0001													
931	7	10	0.972	2.03	0.00	1.4461	2.1248	0.0505	0.0233	0.0170	2.2137	1.6833						
		11	0.0079	0.0022	0.0001	1.9368	1.3688	0.0521	0.0236	0.0179	2.2691	1.7217						
		12	0.0000	0.0005	0.0001													
931	8	10	0.971	3.06	0.00	1.1676	2.2233	0.0787	0.0339	0.0268	2.1537	1.7031						
		11	0.0072	0.0016	0.0000	10.2445	-0.0106	0.0789	0.0349	0.0273	2.2105	1.7321						
		12	0.0004	0.0008	-0.0000													
931	9	10	0.974	4.09	0.00	0.9600	2.0990	0.1074	0.0453	0.0368	2.1127	1.7156						
		11	0.0079	0.0015	0.0001	19.5113	-0.2962	0.1060	0.0459	0.0371	2.1670	1.7501						
		12	0.0000	0.0005	-0.0000													
931	10	10	0.971	6.13	0.00	0.8355	2.4480	0.1733	0.0661	0.0604	1.9067	1.7438						
		11	0.0066	0.0011	0.0001	19.3688	0.1681	0.1681	0.0664	0.0598	1.9762	1.7783						
		12	0.0000	0.0005	0.0001													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key															
931	11	0.975	0.0050	0.0004	7.1223	-0.7875	0.2491	0.0848	0.0883	1.7024	1.7722						
	11	-0.0055	-0.0003	-0.0004	-1.1616	1.2818	0.2111	0.0512	0.0739	1.2128	1.7511						
	12	-0.0016	0.0003	-0.0004	-1.1616	1.2818	0.2111	0.0512	0.0739	1.2128	1.7511						
931	12	0.973	0.0059	0.0005	-0.8771	3.1989	0.2603	0.0496	0.0886	0.9531	1.7025						
	11	0.0059	-0.0006	0.0005	-0.8771	3.1989	0.2603	0.0496	0.0886	0.9531	1.7025						
	12	0.0021	0.0012	0.0005	-0.8771	3.1989	0.2603	0.0496	0.0886	0.9531	1.7025						
931	13	0.975	0.0023	0.0002	-3.4729	4.7401	0.3060	0.0516	0.1050	0.8432	1.7167						
	11	0.0023	-0.0016	0.0002	-3.4729	4.7401	0.3060	0.0516	0.1050	0.8432	1.7167						
	12	0.0019	0.0011	0.0002	-3.4729	4.7401	0.3060	0.0516	0.1050	0.8432	1.7167						
932	1	0.974	0.0012	0.0001	0.6293	-0.3998	-0.1140	-0.0449	-0.0385	1.9713	1.6904						
	11	0.0096	0.0012	0.0001	0.6293	-0.3998	-0.1140	-0.0449	-0.0385	1.9713	1.6904						
	12	-0.0017	0.0001	0.0001	0.6293	-0.3998	-0.1140	-0.0449	-0.0385	1.9713	1.6904						
932	2	0.972	0.0012	0.0002	0.6276	2.1031	-0.0786	-0.0311	-0.0263	1.9765	1.6719						
	11	0.0096	0.0012	0.0002	0.6276	2.1031	-0.0786	-0.0311	-0.0263	1.9765	1.6719						
	12	-0.0023	-0.0002	-0.0002	0.6276	2.1031	-0.0786	-0.0311	-0.0263	1.9765	1.6719						
932	3	0.972	0.0014	0.0001	0.7440	2.0150	-0.0512	-0.0200	-0.0168	1.9588	1.6433						
	11	0.0096	0.0014	0.0001	0.7440	2.0150	-0.0512	-0.0200	-0.0168	1.9588	1.6433						
	12	-0.0019	0.0000	-0.0001	0.7440	2.0150	-0.0512	-0.0200	-0.0168	1.9588	1.6433						
932	4	0.972	0.0012	0.0000	0.7766	2.1238	-0.0248	-0.0094	-0.0081	1.9039	1.6390						
	11	0.0085	0.0012	0.0000	0.7766	2.1238	-0.0248	-0.0094	-0.0081	1.9039	1.6390						
	12	-0.0012	0.0002	0.0000	0.7766	2.1238	-0.0248	-0.0094	-0.0081	1.9039	1.6390						
932	5	0.972	0.0020	0.0001	1.0457	1.8660	-0.0006	-0.0003	0.0005	2.8918	-4.6139						
	11	0.0097	0.0020	0.0001	1.0457	1.8660	-0.0006	-0.0003	0.0005	2.8918	-4.6139						
	12	0.0009	0.0009	0.0001	1.0457	1.8660	-0.0006	-0.0003	0.0005	2.8918	-4.6139						
932	6	0.971	0.0018	0.0002	1.0373	2.0876	0.0268	0.0104	0.0091	1.9492	1.7093						
	11	0.0087	0.0018	0.0002	1.0373	2.0876	0.0268	0.0104	0.0091	1.9492	1.7093						
	12	0.0009	0.0009	0.0002	1.0373	2.0876	0.0268	0.0104	0.0091	1.9492	1.7093						
932	7	0.977	0.0013	0.0002	1.0225	2.1864	0.0579	0.0225	0.0195	1.9415	1.6873						
	11	0.0077	0.0013	0.0002	1.0225	2.1864	0.0579	0.0225	0.0195	1.9415	1.6873						
	12	0.0015	0.0013	0.0002	1.0225	2.1864	0.0579	0.0225	0.0195	1.9415	1.6873						
932	8	0.973	0.0018	0.0002	1.0784	3.1671	0.0873	0.0342	0.0296	1.9637	1.6973						
	11	0.0084	0.0018	0.0002	1.0784	3.1671	0.0873	0.0342	0.0296	1.9637	1.6973						
	12	0.0003	0.0018	0.0002	1.0784	3.1671	0.0873	0.0342	0.0296	1.9637	1.6973						

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	Sec Key											
932	9	10 11 12	0.970 0.0074 0.0018	4.07 0.0008 0.0013	0.0032 0.0002 0.0002	-0.00 0.0032 0.0002	0.5704 3.5774 0.5704	2.1579 0.7724 0.7724	0.1223 0.1223 0.1223	0.0470 0.0478 0.0478	0.0416 0.0423 0.0423	1.9230 1.9578 1.9230	1.7049 1.7328 1.7049	
932	10	10 11 12	0.971 0.0075 0.0003	6.11 0.0011 0.0006	-0.00 0.0033 -0.0001	0.00 0.0033 -0.0001	0.0882 8.6056 -2.0104	2.2230 -2.0104 0.1993	0.1993 0.1993 0.1993	0.0687 0.0690 0.0690	0.0702 0.0702 0.0702	1.7188 1.7306 1.7188	1.7276 1.7625 1.7276	
932	11	10 11 12	0.972 0.0066 0.0015	8.18 -0.0002 0.0009	-0.00 0.0029 0.0004	0.00 0.0029 0.0004	-0.1727 3.0494 1.3184	2.3184 1.3184 0.2934	0.2934 0.2882 0.2882	0.0885 0.0677 0.1036	0.1040 0.1036 0.1036	1.5090 1.5227 1.5090	1.7721 1.7984 1.7721	
932	12	10 11 12	0.974 0.0017 0.0008	10.31 -0.0014 0.0007	0.00 0.0014 0.0001	0.00 0.0014 0.0001	-3.9736 4.2017 0.8290	3.9080 0.8290 0.3772	0.3772 0.3707 0.1013	0.1021 0.1013 0.1361	0.1354 0.1354 0.1354	1.3535 1.3670 1.3535	1.8036 1.8263 1.8036	
932	13	10 11 12	0.974 0.0021 0.0015	12.35 -0.0029 0.0007	0.00 0.0021 -0.0001	0.00 0.0021 -0.0001	-7.0684 2.3563 -0.4608	4.9922 -0.4608 0.3814	0.3814 0.3880 0.3880	0.0625 0.0650 0.0650	0.1325 0.1359 0.1359	0.8199 0.8383 0.8199	1.7373 1.7516 1.7373	
933	3	10 11 12	0.946 0.0062 -0.0066	4.07 0.0021 -0.0009	-0.00 0.0019 -0.0008	-0.00 0.0019 -0.0008	1.7165 0.7033 0.7033	1.5388 0.6630 -0.0690	-0.0690 -0.0665 -0.0353	-0.0353 -0.0332 -0.0234	-0.0219 -0.0219 -0.0219	2.5559 2.4983 2.5559	1.6968 1.6469 1.6968	
933	4	10 11 12	0.946 0.0073 -0.0037	3.04 -0.0026 0.0002	-0.00 0.0026 -0.0004	-0.00 0.0026 -0.0004	1.7905 0.2856 0.2856	1.7949 0.5861 -0.0528	-0.0528 -0.0492 -0.0266	-0.0266 -0.0240 -0.0175	-0.0162 -0.0162 -0.0162	2.5260 2.4402 2.5260	1.6611 1.6485 1.6611	
933	5	10 11 12	0.946 0.0061 -0.0031	2.08 0.0021 -0.0000	-0.00 0.0021 -0.0002	-0.00 0.0021 -0.0002	1.7211 0.1504 0.1504	1.7762 0.4552 -0.0290	-0.0290 -0.0285 -0.0160	-0.0160 -0.0149 -0.0099	-0.0099 -0.0099 -0.0099	2.7690 2.5814 2.7690	1.7055 1.5581 1.7055	
933	6	10 11 12	0.946 0.0057 -0.0031	1.04 0.0021 -0.0000	-0.00 0.0021 -0.0004	-0.00 0.0021 -0.0004	1.8212 0.1445 0.1445	1.8780 0.6850 -0.0097	-0.0097 -0.0071 -0.0058	-0.0071 -0.0058 -0.0027	-0.0027 -0.0027 -0.0027	3.2302 3.0308 3.2302	1.6663 1.3971 1.6663	
933	7	10 11 12	0.948 0.0058 -0.0019	0.03 0.0023 0.0000	-0.00 0.0017 -0.0001	-0.00 0.0017 -0.0001	3.0008 -0.0621 -0.0621	1.4823 1.1037 0.0043	0.0043 0.0043 0.0043	0.0016 0.0026 0.0016	0.0016 0.0018 0.0016	3.9011 3.0415 3.9011	1.8451 2.1632 1.8451	
933	8	10 11 12	0.945 0.0050 -0.0004	1.01 0.0024 0.0007	-0.00 0.0017 0.0000	-0.00 0.0017 0.0000	2.4372 -0.2329 -0.2329	1.7140 -0.0089 0.0186	0.0186 0.0178 0.0112	0.0112 0.0064 0.0068	0.0064 0.0068 0.0068	3.7251 3.1506 3.7251	1.7392 1.9305 1.7392	

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd																			
934	5	10	0.949	-0.021	-0.001	1.5563	1.9232	0.0028	0.0009	0.0009	0.0016	1.6564	2.0452	1.6150						
		11	0.0067	0.0003	0.0025	-4.9495	1.8952	0.0062	0.0009	0.0009	0.0020	2.3877								
		12	-0.0003	0.0003	-0.0001															
934	6	10	0.949	1.00	-0.00	1.5369	1.7085	0.0237	0.0104	0.0104	0.0082	2.1984	1.7369	1.6759						
		11	0.0080	0.0003	0.0027	-4.9495	1.8952	0.0273	0.0127	0.0127	0.0051	2.3380								
		12	-0.0003	0.0003	-0.0001															
934	7	10	0.948	2.01	-0.00	1.5664	1.8304	0.0498	0.0233	0.0233	0.0172	2.1777	1.7284	1.7045						
		11	0.0075	0.0006	0.0027	9.1111	2.1444	0.0513	0.0233	0.0233	0.0175	2.2721								
		12	0.0003	0.0006	0.0001															
934	8	10	0.948	3.06	-0.00	1.2660	1.9669	0.0781	0.0332	0.0332	0.0265	2.1287	1.6997	1.7164						
		11	0.0073	0.0004	0.0028	13.0448	-0.0144	0.0778	0.0332	0.0332	0.0267	2.1824								
		12	-0.0001	0.0004	0.0000															
934	9	10	0.948	4.09	-0.00	1.0698	1.5690	0.1072	0.0445	0.0445	0.0366	2.0742	1.7102	1.7416						
		11	0.0092	0.0007	0.0028	4.2017	0.8290	0.1037	0.0445	0.0445	0.0366	2.1417								
		12	0.0008	0.0007	0.0001															
934	10	10	0.948	6.13	-0.00	0.9132	2.0050	0.1744	0.0660	0.0660	0.0605	1.8942	1.7342	1.7632						
		11	0.0061	0.0002	0.0024	-1.4397	1.5967	0.1690	0.0660	0.0660	0.0596	1.9529								
		12	-0.0009	0.0002	-0.0002															
934	11	10	0.946	8.21	-0.00	0.1819	2.6356	0.2200	0.0523	0.0523	0.0760	1.1888	1.7291	1.7484						
		11	0.0038	0.0010	0.0020	2.5568	0.6799	0.2168	0.0523	0.0523	0.0758	1.2641								
		12	0.0021	0.0010	0.0002															
934	12	10	0.948	10.29	0.00	0.0036	2.0504	0.2629	0.0490	0.0490	0.0903	0.9324	1.7171	1.7340						
		11	0.0052	0.0010	0.0021	2.5568	0.6799	0.2744	0.0490	0.0490	0.0903	0.9648								
		12	0.0021	0.0010	0.0002															
934	13	10	0.950	12.36	0.00	-0.8410	1.9511	0.3082	0.0518	0.0518	0.1057	0.8416	1.7148	1.7231						
		11	0.0051	-0.0005	0.0019	-2.4134	0.8917	0.3369	0.0518	0.0518	0.1161	0.8185								
		12	0.0032	0.0015	0.0005															
935	1	10	0.950	-4.08	-0.00	0.5763	2.1469	-0.1243	-0.0455	-0.0455	-0.0420	1.8296	1.6890	1.6828						
		11	0.0097	0.0008	0.0041	3.0168	0.0005	-0.1163	-0.0418	-0.0418	-0.0391	1.7969								
		12	0.0014	0.0008	0.0000															
935	2	10	0.948	-3.05	-0.00	0.6002	2.2221	-0.0882	-0.0327	-0.0327	-0.0295	1.8553	1.6739	1.6891						
		11	0.0094	0.0010	0.0041	1.9390	0.2597	-0.0793	-0.0285	-0.0285	-0.0268	1.7980								
		12	0.0028	0.0010	0.0001															

See Key

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
935	3	10	0.948	-2.110	-0.000	0.5063	2.1613	-0.0575	-0.0209	-0.0165	1.8172	1.6142	0.0066	0.0008	0.0000	2.1290	0.0019	-0.0498	-0.0170	-0.0169	1.7693	1.7020
935	4	10	0.946	-1.009	0.0036	0.5611	2.0305	-0.0248	-0.0090	-0.0076	1.8219	1.5464	0.0025	0.0011	-0.0001	2.1989	-0.2867	-0.0163	-0.0053	-0.0062	1.6295	1.9196
935	5	10	0.948	-0.013	0.0001	0.5590	1.9491	0.0014	0.0003	0.0017	1.1267	5.8997	0.0032	0.0013	0.0001	2.0749	0.2270	0.0112	0.0042	0.0028	1.8764	1.2660
935	6	10	0.949	0.012	0.0001	0.6221	1.8851	0.0297	0.0102	0.0105	1.7302	1.7757	0.0032	0.0013	0.0001	2.0749	0.2270	0.0380	0.0139	0.0121	1.8258	1.5932
935	7	10	0.947	2.011	0.0002	0.6176	2.0645	0.0632	0.0224	0.0216	1.7731	1.7076	0.0041	0.0016	0.0002	2.0451	0.3512	0.0698	0.0253	0.0227	1.8159	1.6267
935	8	10	0.947	3.006	0.0001	0.6328	2.1024	0.0945	0.0343	0.0323	1.8066	1.7016	0.0032	0.0013	0.0001	2.0719	-0.2207	0.1020	0.0375	0.0338	1.8383	1.6591
935	9	10	0.950	4.002	0.0002	0.1839	2.1634	0.1305	0.0464	0.0451	1.7776	1.7293	0.0044	0.0016	0.0002	1.8903	0.3255	0.1352	0.0487	0.0457	1.8010	1.6933
935	10	10	0.947	6.013	0.0004	0.0824	2.1326	0.2132	0.0688	0.0750	1.6132	1.7594	0.0060	0.0016	0.0004	1.8912	0.4885	0.2154	0.0701	0.0754	1.6282	1.7509
935	11	10	0.948	8.009	0.0002	-0.6844	1.9207	0.3109	0.0874	0.1108	1.4055	1.7834	0.0055	-0.0018	0.0002	-1.9393	0.3114	0.3102	0.0880	0.1115	1.4195	1.7978
935	12	10	0.948	10.030	0.0008	-7.1463	2.9138	0.4125	0.1025	0.1482	1.2426	1.7973	0.0014	-0.0020	0.0008	-1.8762	0.0023	0.4063	0.1029	0.1473	1.2661	1.8129
935	13	10	0.946	12.036	0.0004	5.4358	1.9013	0.5027	0.1130	0.1620	1.1242	1.8210	0.0029	-0.0031	0.0004	1.4488	0.3773	0.4910	0.1133	0.1788	1.1540	1.8210

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	Sec Key														
936	6	10	0.099	-4.06	-0.00	1.1584	1.8043	-0.0988	-0.0405	-0.0334	2.0490	1.6897					
		11	0.0085	0.0019	0.0003	0.3911	-0.9265	-0.0943	-0.0379	-0.0302	2.0085	1.6050					
		12	-0.0016	-0.0001	0.0003												
936	7	10	0.698	-3.04	-0.00	1.1644	2.0753	-0.0720	-0.0297	-0.0212	2.0643	1.6660					
		11	0.0086	0.0020	0.0035	1.7775	0.3207	-0.0652	-0.0266	-0.0212	2.0419	1.6239					
		12	-0.0024	-0.0003	-0.0001												
936	8	10	0.697	-2.07	-0.00	1.1656	2.1268	-0.0458	-0.0192	-0.0152	2.0958	1.6661					
		11	0.0080	0.0018	0.0034	1.3274	-1.2528	-0.0414	-0.0169	-0.0130	2.0419	1.5781					
		12	-0.0012	0.0001	0.0003												
936	9	10	0.398	-1.05	-0.00	1.2212	2.2250	-0.0185	-0.0078	-0.0060	2.1103	1.6216					
		11	0.0076	0.0018	0.0034	1.3170	-0.7633	-0.0156	-0.0060	-0.0047	1.9346	1.5129					
		12	-0.0020	-0.0001	0.0003												
936	10	10	0.697	-0.03	-0.00	1.1731	2.4598	0.0003	0.0002	0.0007	3.2585	10.0927					
		11	0.0062	0.0014	0.0030	1.7331	-0.6942	0.0039	0.0024	0.0018	3.0437	2.3167					
		12	-0.0008	0.0001	0.0001												
936	11	10	0.696	0.99	-0.00	1.1786	2.7044	0.0242	0.0104	0.0086	2.1619	1.7813					
		11	0.0057	0.0013	0.0030	1.8562	2.8910	0.0276	0.0125	0.0094	2.1604	1.7134					
		12	-0.0002	0.0002	-0.0001												
936	12	10	0.696	2.02	-0.00	1.1007	1.9603	0.0504	0.0212	0.0173	2.1069	1.7164					
		11	0.0066	0.0014	0.0026	1.2746	1.3706	0.0524	0.0228	0.0179	2.1767	1.7876					
		12	0.0006	0.0006	0.0004												
936	13	10	0.696	3.06	-0.00	1.1086	2.3293	0.0772	0.0319	0.0262	2.0702	1.7011					
		11	0.0066	0.0014	0.0030	1.3584	-0.0009	0.0767	0.0326	0.0266	2.1271	1.7366					
		12	-0.0004	0.0001	0.0000												
936	14	10	0.696	4.07	-0.00	1.8303	2.2356	0.1015	0.0409	0.0348	2.0161	1.7147					
		11	0.0072	0.0012	0.0032	1.6913	-10.1925	0.1019	0.0423	0.0357	2.0471	1.7527					
		12	-0.0000	0.0003	0.0001												
936	15	10	0.697	6.12	-0.00	1.4760	2.6559	0.1720	0.0632	0.0594	1.8374	1.7292					
		11	0.0058	0.0005	0.0031	1.0759	2.4816	0.1654	0.0629	0.0588	1.9026	1.7768					
		12	0.0012	0.0007	0.0002												
936	16	10	0.696	8.20	-0.00	1.8198	3.8357	0.2288	0.0585	0.0797	1.2794	1.7434					
		11	0.0032	-0.0004	0.0023	1.0457	1.2150	0.2248	0.0588	0.0794	1.3096	1.7665					
		12	0.0012	-0.0007	0.0003												

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
936	17	10	0.098	10.24	0.000	0.00	15.8287	17.3230	0.2714	0.0511	0.0938	0.9425	1.7278					
	11	11	0.0004	-0.0014	0.0001	0.0015	3.0311	0.6014	0.2746	0.0530	0.0965	0.9660	1.7567					
	12	12	0.0012	0.0007	0.0001	0.0001												
936	18	10	0.097	12.31	0.000	0.00	4.9417	-0.7037	0.3334	0.0540	0.1153	0.8104	1.7299					
	11	11	-0.0022	-0.0021	0.0003	0.0008	1.8823	1.4606	0.3430	0.0556	0.1193	0.8104	1.7369					
	12	12	0.0037	0.0013	0.0010	0.0010												
937	1	10	0.000	-4.05	-0.000	0.00	1.6193	2.2251	-0.0531	-0.0288	-0.0179	2.7172	1.6878					
	11	11	0.0052	0.0016	0.0023	0.0023	0.7890	1.2026	-0.0484	-0.0266	-0.0157	2.7518	1.6274					
	12	12	-0.0089	-0.0014	-0.0021	-0.0021												
937	2	10	0.799	-3.03	0.000	0.00	1.8238	2.4692	-0.0392	-0.0219	-0.0134	2.7937	1.7190					
	11	11	0.0050	0.0018	0.0025	0.0025	0.7951	0.7969	-0.0353	-0.0194	-0.0116	2.7541	1.6474					
	12	12	-0.0044	-0.0007	-0.0007	-0.0007												
937	3	10	0.795	-2.08	0.000	0.00	1.8895	1.9314	-0.0243	-0.0148	-0.0086	3.0497	1.7655					
	11	11	0.0065	0.0024	0.0025	0.0025	0.6061	0.5753	-0.0208	-0.0126	-0.0061	3.0322	1.4860					
	12	12	-0.0046	-0.0005	-0.0005	-0.0005												
937	4	10	0.798	-1.04	0.000	0.00	1.9734	1.9969	-0.0055	-0.0056	-0.0025	3.3360	1.4947					
	11	11	0.0058	0.0022	0.0023	0.0023	0.0429	0.4370	-0.0058	-0.0043	-0.0015	3.6592	1.3426					
	12	12	-0.0020	0.0000	-0.0001	-0.0001												
937	5	10	0.799	-0.03	0.000	0.00	3.6513	2.5281	0.0006	0.0004	0.0009	3.1690	6.4896					
	11	11	0.0031	0.0016	0.0016	0.0016	3.0429	0.4370	0.0023	0.0019	0.0014	4.1172	3.0369					
	12	12	-0.0020	0.0000	-0.0001	-0.0001												
937	6	10	0.798	0.99	0.000	0.00	2.6994	2.1846	0.0124	0.0083	0.0045	3.3521	1.8131					
	11	11	0.0036	0.0015	0.0016	0.0016	2.0429	0.4370	0.0133	0.0095	0.0050	3.5922	1.9156					
	12	12	-0.0020	0.0000	-0.0001	-0.0001												
937	7	10	0.798	2.02	0.000	0.00	2.7254	2.4968	0.0259	0.0158	0.0093	3.0527	1.8019					
	11	11	0.0039	0.0021	0.0019	0.0019	2.0429	0.4370	0.0277	0.0171	0.0100	3.0804	1.8001					
	12	12	-0.0020	0.0000	-0.0001	-0.0001												
937	8	10	0.797	3.04	0.000	0.00	1.8473	2.1525	0.0497	0.0256	0.0169	3.5779	1.6997					
	11	11	0.0041	0.0015	0.0017	0.0017	0.7655	-0.8942	0.0416	0.0252	0.0150	3.0364	1.8115					
	12	12	-0.0009	0.0001	0.0001	0.0001												
937	9	10	0.796	4.07	0.000	0.00	1.1507	1.4645	0.0636	0.0329	0.0217	2.5855	1.7044					
	11	11	0.0077	0.0017	0.0022	0.0022	1.0257	-1.1940	0.0557	0.0321	0.0202	2.8829	1.8191					
	12	12	-0.0007	0.0002	0.0001	0.0001												

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key											
937	10	10	0.797	6.008	-0.000	0.8370	1.7334	0.1012	0.0465	0.0351	2.2967	1.7347		
	11	12	0.8116	0.0019	0.0040	0.6968	1.3688	0.0987	0.0458	0.0357	2.3189	1.8116		
	12	12	0.0000	0.0007	0.0001	0.9032	1.3688	0.0987	0.0458	0.0357	2.3189	1.8116		
937	11	10	0.796	0.004	-0.000	0.4023	1.7361	0.1623	0.0509	0.0540	1.5698	1.6902		
	11	12	0.0055	0.0004	0.0019	-0.7459	-0.0048	0.1566	0.0479	0.0551	1.5304	1.7595		
	12	12	-0.0004	0.0004	0.0000	-0.4745	-0.0048	0.1566	0.0479	0.0551	1.5304	1.7595		
937	12	10	0.797	10.23	-0.000	0.0166	2.4996	0.2275	0.0435	0.0777	0.9573	1.7074		
	11	12	0.0028	0.0000	0.0014	0.0562	2.8910	0.2169	0.0424	0.0753	0.9781	1.7371		
	12	12	-0.0003	0.0003	-0.0001	-0.0562	2.8910	0.2169	0.0424	0.0753	0.9781	1.7371		
937	13	10	0.796	12.27	-0.000	0.5207	2.0770	0.2295	0.0351	0.0779	0.8531	1.6982		
	11	12	0.0025	-0.0016	0.0010	0.0384	0.9066	0.2137	0.0374	0.0731	0.8754	1.7103		
	12	12	-0.0009	0.0005	-0.0001	-0.0384	0.9066	0.2137	0.0374	0.0731	0.8754	1.7103		
938	1	10	0.797	-4.07	-0.000	0.9453	1.6617	-0.0963	-0.0362	-0.0332	1.8401	1.6884		
	11	12	0.0112	0.0021	0.0037	0.3708	0.0010	-0.0938	-0.0341	-0.0312	1.8203	1.6627		
	12	12	-0.0018	-0.0001	-0.0000	-0.3708	0.0010	-0.0938	-0.0341	-0.0312	1.8203	1.6627		
938	2	10	0.797	-3.03	-0.000	1.0734	1.7268	-0.0756	-0.0283	-0.0250	1.8716	1.6551		
	11	12	0.0113	0.0024	0.0039	-0.5274	-1.2528	-0.0658	-0.0243	-0.0218	1.8490	1.6607		
	12	12	-0.0014	0.0001	0.0003	0.5274	-1.2528	-0.0658	-0.0243	-0.0218	1.8490	1.6607		
938	3	10	0.797	-2.05	-0.000	0.9044	1.8241	-0.0500	-0.0187	-0.0161	1.8762	1.6165		
	11	12	0.0022	-0.0016	0.0033	0.0153	-1.5837	-0.0427	-0.0155	-0.0140	1.8221	1.6431		
	12	12	-0.0016	0.0000	0.0005	-0.0153	1.5837	-0.0427	-0.0155	-0.0140	1.8221	1.6431		
938	4	10	0.797	-1.04	-0.000	1.1577	1.7760	-0.0248	-0.0091	-0.0078	1.8369	1.5799		
	11	12	0.0105	0.0024	0.0037	-0.5511	-0.6333	-0.0167	-0.0054	-0.0052	1.6311	1.5749		
	12	12	-0.0014	0.0001	0.0001	0.5511	0.6333	-0.0167	-0.0054	-0.0052	1.6311	1.5749		
938	5	10	0.797	-0.02	-0.000	1.1624	1.9650	0.0009	0.0005	0.0010	3.1519	5.7995		
	11	12	0.0099	0.0023	0.0039	1.3322	1.1989	0.0072	0.0033	0.0021	2.3432	1.4754		
	12	12	0.0005	0.0005	0.0003	-1.3322	-1.1989	0.0072	0.0033	0.0021	2.3432	1.4754		
938	6	10	0.799	0.98	-0.000	1.2024	1.8175	0.0269	0.0104	0.0094	1.9397	1.7526		
	11	12	0.0108	0.0025	0.0039	1.2517	20.0225	0.0323	0.0129	0.0106	2.0000	1.6411		
	12	12	0.0001	0.0005	0.0005	-1.2517	-20.0225	0.0323	0.0129	0.0106	2.0000	1.6411		
938	7	10	0.798	2.02	-0.000	1.1599	1.6739	0.0516	0.0200	0.0176	1.9387	1.7056		
	11	12	0.0085	0.0019	0.0032	1.1350	-1.5988	0.0512	0.0226	0.0190	1.9757	1.6663		
	12	12	-0.0002	0.0006	0.0001	-1.1350	1.5988	0.0512	0.0226	0.0190	1.9757	1.6663		

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
938	8	10	0.799	3.05	-0.00	1.1069	2.0379	0.0633	0.0314	0.0200	1.8876	1.6003	0.0062	0.0018	0.0003	9.4000	4.4639	0.0847	0.0327	0.0288	1.9305	1.7018
		11	0.0003	0.0007	0.0003																	
		12																				
938	9	10	0.799	4.05	-0.00	1.0577	1.8058	0.1140	0.0414	0.0386	1.8195	1.6957	0.0093	0.0019	0.0005	3.7503	1.4917	0.1128	0.0421	0.0386	1.8676	1.7141
		11	0.0017	0.0013	0.0005																	
		12																				
938	10	10	0.797	6.11	-0.00	0.5248	2.1170	0.1726	0.0576	0.0603	1.6697	1.7476	0.0008	0.0007	0.0003	4.6167	2.2036	0.1759	0.0567	0.0619	1.6702	1.7588
		11	0.0008	0.0009	0.0003																	
		12																				
938	11	10	0.799	8.17	-0.00	-0.1202	2.6148	0.2446	0.0668	0.0859	1.4078	1.7572	0.0054	-0.0001	0.0028	-0.1202	2.7140	0.2421	0.0685	0.0862	1.4148	1.7816
		11	0.0023	0.0011	0.0012																	
		12																				
938	12	10	0.799	10.24	0.00	-2.9059	3.8836	0.3064	0.0623	0.1081	1.0169	1.7636	0.0020	-0.0012	0.0016	-2.9059	3.8836	0.3062	0.0607	0.1091	0.9926	1.7822
		11	0.0025	0.0013	0.0012																	
		12																				
938	13	10	0.800	12.28	0.00	4.0492	-0.3820	0.3769	0.0604	0.1316	0.8012	1.7467	-0.0024	-0.0019	0.0001	4.0492	-0.3820	0.3766	0.0597	0.1320	0.7929	1.7531
		11	0.0014	0.0008	0.0005																	
		12																				
939	1	10	0.394	-4.00	-0.00	0.6784	1.5487	-0.0817	-0.0289	-0.0285	1.8270	1.7466	0.0057	0.0010	0.0017	0.5357	0.5319	-0.0789	-0.0289	-0.0256	1.8328	1.6355
		11	0.0057	0.0010	0.0017																	
		12	-0.0112	-0.0034	-0.0011																	
939	2	10	0.396	-3.00	-0.00	1.1405	1.0093	-0.0591	-0.0212	-0.0197	1.7969	1.6731	0.0066	0.0019	0.0017	1.9893	0.2423	-0.0528	-0.0190	-0.0167	1.8012	1.5891
		11	0.0066	0.0019	0.0017																	
		12	-0.0121	-0.0024	-0.0005																	
939	3	10	0.397	-2.05	0.00	1.1462	1.3509	-0.0379	-0.0124	-0.0125	1.6435	1.6546	0.0066	0.0019	0.0023	1.5576	0.4190	-0.0363	-0.0123	-0.0115	1.6928	1.5898
		11	0.0066	0.0019	0.0023																	
		12	-0.0140	-0.0043	-0.0011																	
939	4	10	0.398	-1.04	0.00	0.0076	2.1874	-0.0110	-0.0018	-0.0041	0.8303	1.8933	0.0026	0.0000	0.0011	0.0076	2.1874	-0.0083	-0.0018	-0.0028	1.0943	1.7267
		11	0.0026	0.0000	0.0011																	
		12	-0.0160	-0.0048	-0.0017																	
939	5	10	0.398	-0.04	0.00	1.1710	2.3679	0.0018	0.0019	0.0023	5.4264	6.5602	0.0066	0.0020	0.0040	1.6375	0.6615	0.0033	0.0028	0.0028	4.2774	4.3034
		11	0.0066	0.0020	0.0040																	
		12	-0.0088	-0.0028	-0.0011																	

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →														
939	6	10 11 12	0.398 0.0065 -0.0068	0.0019 -0.0024	0.97	-0.00 0.0029 0.0005	1.1558 1.8026	1.6912 -0.4250	0.0160 0.0216	0.0082 0.0099	0.0082 0.0092	2.5644 2.2960	2.5852 2.1285				
939	7	10 11 12	0.398 0.0064 -0.0116	0.0015 -0.0038	1.97	0.00 0.0028 -0.0017	1.1685 1.6374	2.2555 0.7449	0.0451 0.0454	0.0186 0.0180	0.0159 0.0171	2.0661 2.0671	1.7601 1.8902				
939	8	10 11 12	0.398 0.0043 -0.0100	0.0010 -0.0028	3.04	-0.00 0.0011 -0.0011	1.1936 1.4174	3.3736 0.5742	0.0721 0.0723	0.0286 0.0296	0.0253 0.0263	1.9861 2.0412	1.7543 1.8165				
939	9	10 11 12	0.399 0.0021 -0.0115	0.0005 -0.0037	4.05	-0.00 0.0017 -0.0023	1.2085 1.6371	4.0379 0.9964	0.0993 0.0999	0.0380 0.0382	0.0334 0.0359	1.9137 1.9163	1.6827 1.7995				
939	10	10 11 12	0.397 0.0040 -0.0115	0.0000 -0.0037	6.04	0.00 0.0029 -0.0034	0.0494 1.6366	3.6362 1.5058	0.1512 0.1556	0.0540 0.0549	0.0557 0.0559	1.7878 1.7653	1.8421 1.7964				
939	11	10 11 12	0.399 0.0031 -0.0078	0.0008 -0.0023	8.08	0.00 0.0028 -0.0017	-0.7036 -1.4964	4.5534 1.0981	0.2098 0.2034	0.0675 0.0662	0.0764 0.0743	1.6093 1.6131	1.8212 1.8097				
939	12	10 11 12	0.398 0.0010 -0.0117	0.0009 -0.0038	10.12	0.00 0.0017 -0.0017	-4.6067 -1.6374	8.4244 0.7449	0.2800 0.2705	0.0693 0.0643	0.1006 0.0995	1.2376 1.1889	1.7963 1.8400				
939	13	10 11 12	0.398 0.0026 -0.0167	0.0023 -0.0052	12.13	0.00 0.0011 -0.0029	4.5045 1.5706	-2.2060 0.8686	0.3401 0.3483	0.0591 0.0586	0.1246 0.1269	0.8696 0.8415	1.8328 1.8218				
940	3	10 11 12	1.250 0.0734 -0.0002	-4.12 -0.0122	4.12	-0.00 0.0247 -0.0008	2.3681 -15.5523	1.6819 -0.0716	0.0110 -0.0393	-0.0168 -0.0240	0.0019 -0.0240	-7.5989 -2.7472	0.9006 1.6796				
940	4	10 11 12	1.249 0.0492 -0.0080	-3.06 -0.0140	3.06	-0.00 0.0160 -0.0032	2.5871 6.6899	1.6351 -0.0515	-0.0179 -0.0281	-0.0028 -0.0168	16.2338 2.7278	2.6175 1.6375					
940	5	10 11 12	1.249 0.0247 -0.0072	-2.10 -0.0173	2.10	-0.00 0.0082 -0.0025	3.5172 6.6826	1.6647 -0.0350	-0.0123 -0.0103	-0.0034 -0.0103	8.9149 3.0811	2.4986 1.5627					

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
940	6	10	1.247	-1.073	-0.000	6.5937	1.7307	0.0003	-0.0050	-0.0102	-0.0043	-84.6923	-15.3832					
			-0.0059	-0.0029	-0.0020	6.5467	1.2582	-0.0150	-0.0102	-0.0043	-0.0043	3.3989	-1.4557					
			0.0022	0.0004	0.0010	13.3572	3.4474	-0.0023	0.0025	-0.0002	4.0150	5.6774	0.0950	0.4655				
940	7	10	1.248	-0.000	0.000	3.3524	1.7087	0.0141	0.0108	0.0045	0.0042	3.8246	1.4580					
			0.0020	0.0000	0.0007	4.2762	1.7683	0.0004	0.0045	0.0011	53.3275	1.3243						
			0.0014	0.0039	0.0010	4.2762	1.7683	0.0004	0.0045	0.0011	53.3275	1.3243						
940	8	10	1.250	1.000	-0.000	3.3524	1.7087	0.0141	0.0108	0.0045	0.0042	3.8246	1.4580					
			0.0119	0.0080	0.0040	4.2762	1.7683	0.0004	0.0045	0.0011	53.3275	1.3243						
			0.0162	0.0139	0.0057	4.2762	1.7683	0.0004	0.0045	0.0011	53.3275	1.3243						
940	9	10	1.249	2.003	-0.000	4.6234	1.7353	0.0347	0.0206	0.0108	0.0106	2.9779	1.5359					
			0.0160	0.0146	0.0055	2.9931	1.7233	0.0047	0.0108	0.0029	11.5276	1.0976						
			0.0366	0.0219	0.0126	2.9931	1.7233	0.0047	0.0108	0.0029	11.5276	1.0976						
940	10	10	1.249	3.008	-0.000	7.1156	1.8265	0.0620	0.0290	0.0157	0.0199	2.3374	1.6060					
			0.0144	0.0205	0.0052	2.6666	1.7007	0.0035	0.0157	0.0028	22.2510	1.9645						
			0.0386	0.0312	0.0199	2.6666	1.7007	0.0035	0.0157	0.0028	22.2510	1.9645						
940	11	10	1.248	4.113	-0.000	38.0624	2.4245	0.0851	0.0371	0.0157	0.0277	2.1815	1.6306					
			0.0028	0.0213	0.0033	2.5055	1.7233	-0.0010	0.0157	0.0011	74.0414	-3.2908						
			0.0798	0.0400	0.0275	2.5055	1.7233	-0.0010	0.0157	0.0011	74.0414	-3.2908						
940	12	10	1.251	6.117	-0.000	12.7288	1.8248	0.1394	0.0522	0.0250	0.0475	1.8727	1.7055					
			0.0092	0.0234	0.0033	2.0367	1.7991	0.0430	0.0250	0.0156	2.9105	1.6131						
			0.1319	0.0537	0.0474	2.0367	1.7991	0.0430	0.0250	0.0156	2.9105	1.6131						
940	13	10	1.250	8.25	-0.000	3.3713	1.7020	0.2022	0.0628	0.0362	0.0717	1.5544	1.7751					
			0.0603	0.0406	0.0205	1.7999	1.8515	0.1030	0.0362	0.0370	1.7598	1.7959						
			0.1832	0.0659	0.0678	1.7999	1.8515	0.1030	0.0362	0.0370	1.7598	1.7959						
940	14	10	1.249	10.36	-0.000	1.9679	1.7823	0.2672	0.0717	0.0413	0.0969	1.3425	1.8131					
			0.1209	0.0476	0.0431	1.4592	1.8764	0.1370	0.0413	0.0503	1.5093	1.8390						
			0.2497	0.0728	0.0937	1.4592	1.8764	0.1370	0.0413	0.0503	1.5093	1.8390						
940	15	10	1.249	12.48	-0.000	1.8839	1.8635	0.3322	0.0777	0.0434	0.1214	1.1694	1.8276					
			0.1379	0.0515	0.0514	1.2671	1.8617	0.1558	0.0434	0.0592	1.3953	1.8999						
			0.3144	0.0796	0.1183	1.2671	1.8617	0.1558	0.0434	0.0592	1.3953	1.8999						
941	16	10	1.250	-4.08	-0.000	2.0462	1.6521	-0.0589	-0.0260	-0.0333	-0.0210	2.2051	1.7819					
			-0.0840	-0.0344	-0.0277	2.1283	1.6325	-0.0892	-0.0333	-0.0308	1.8691	1.7285						
			-0.0551	-0.0234	-0.0180	2.1283	1.6325	-0.0892	-0.0333	-0.0308	1.8691	1.7285						

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
941	17	10	1.249	-3.07	-0.00	2.2248	1.6210	-0.0481	-0.0192	-0.0165	1.9964	1.7123						
		11	-0.0580	-0.0258	-0.0188	1.9794	1.6273	-0.0618	-0.0245	-0.0214	1.9859	1.7350						
		12	-0.0424	-0.0168	-0.0138													
941	18	10	1.250	-2.11	-0.00	2.4399	1.5713	-0.0332	-0.0126	-0.0114	1.8968	1.7151						
		11	-0.0376	-0.0183	-0.0118	2.0006	1.6126	-0.0418	-0.0171	-0.0147	2.0548	1.7668						
		12	-0.0276	-0.0110	-0.0089													
941	19	10	1.252	-1.05	-0.00	2.9378	1.4383	-0.0132	-0.0049	-0.0049	1.8731	1.8490						
		11	-0.0159	-0.0093	-0.0045	1.9610	1.6186	-0.0191	-0.0079	-0.0072	2.0660	1.9046						
		12	-0.0079	-0.0031	-0.0025													
941	1	10	1.251	-0.02	-0.00	-3.2296	2.4380	0.0023	0.0020	0.0007	4.3629	1.6712						
		11	0.0029	-0.0019	0.0014	-2.5784	1.4869	-0.0013	-0.0010	-0.0013	3.6518	4.8602						
		12	0.0083	0.0042	0.0024													
941	6	10	1.253	0.98	-0.00	1.3038	1.7465	0.0238	0.0104	0.0072	2.1888	1.5103						
		11	0.0202	0.0052	0.0070	2.1008	1.6668	0.0152	0.0067	0.0044	2.2110	1.4651						
		12	0.0297	0.0124	0.0099													
941	7	10	1.249	2.04	-0.00	1.6127	1.6674	0.0452	0.0187	0.0144	2.0720	1.5971						
		11	0.0384	0.0208	0.0130	2.1345	1.6616	0.0341	0.0141	0.0108	2.0723	1.5850						
		12	0.0489	0.0208	0.0162													
941	8	10	1.249	3.05	-0.00	1.7796	1.6631	0.0690	0.0269	0.0225	1.9556	1.6319						
		11	0.0546	0.0124	0.0241	1.9697	1.6673	0.0484	0.0200	0.0158	2.0693	1.6304						
		12	0.0725	0.0285	0.0241													
941	9	10	1.250	4.11	-0.00	1.8949	1.6645	0.0930	0.0340	0.0310	1.8285	1.6663						
		11	0.0696	0.0263	0.0237	1.8278	1.7154	0.0582	0.0254	0.0195	2.1816	1.6753						
		12	0.0964	0.0359	0.0337													
941	13	10	1.253	6.16	-0.00	2.0949	1.7056	0.1493	0.0476	0.0522	1.5961	1.7483						
		11	0.0944	0.0395	0.0322	1.5448	1.7723	0.0769	0.0350	0.0270	2.2818	1.7611						
		12	0.1555	0.0480	0.0551													
941	14	10	1.252	8.25	-0.00	1.8475	1.7392	0.2182	0.0582	0.0780	1.3337	1.7879						
		11	0.1201	0.0443	0.0417	1.3254	1.8161	0.1112	0.0403	0.0399	1.8118	1.7937						
		12	0.2183	0.0578	0.0793													
941	15	10	1.253	10.35	-0.00	1.5563	1.8003	0.2892	0.0650	0.1048	1.1240	1.8121						
		11	0.1494	0.0465	0.0538	1.1091	1.8428	0.1378	0.0431	0.0509	1.3630	1.8486						
		12	0.2889	0.0640	0.1064													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See key																	
941	16	10	1.251	12.46	-0.00	1.4000	1.8460	0.3619	0.0698	0.1322	0.9642	1.8272								
		11	0.1694	0.0501	0.0625	0.9745	1.8588	0.1635	0.0450	0.0615	1.3764	1.8799								
		12	0.3549	0.0691	0.1319															
942	1	10	1.095	-4.09	-0.00	2.1646	1.6439	-0.0828	-0.0247	-0.0277	1.4945	1.6772								
		11	-0.0780	-0.0338	-0.0256	1.5768	1.7295	-0.0807	-0.0305	-0.0285	1.8901	1.7707								
		12	-0.0731	-0.0230	-0.0252															
942	2	10	1.102	-3.05	-0.00	2.3073	1.5990	-0.0608	-0.0202	-0.0201	1.6634	1.6514								
		11	-0.0560	-0.0258	-0.0179	1.8122	1.6844	-0.0536	-0.0209	-0.0193	1.9521	1.7982								
		12	-0.0561	-0.0203	-0.0189															
942	3	10	1.097	-2.09	-0.00	2.3509	1.4962	-0.0422	-0.0148	-0.0138	1.7579	1.6383								
		11	-0.0369	-0.0173	-0.0110	1.9455	1.7453	-0.0357	-0.0126	-0.0135	1.7710	1.8915								
		12	-0.0366	-0.0142	-0.0128															
942	4	10	1.095	-1.03	-0.00	2.6255	1.1686	-0.0233	-0.0082	-0.0074	1.7671	1.5915								
		11	-0.0171	-0.0090	-0.0040	2.2123	1.9270	-0.0151	-0.0041	-0.0065	1.3742	2.1723								
		12	-0.0146	-0.0064	-0.0056															
942	5	10	1.101	-0.03	-0.00	-2.7327	4.1972	-0.0032	-0.0012	-0.0003	1.9316	0.5978								
		11	0.0026	-0.0014	0.0022	0.3803	0.5079	0.0049	0.0036	0.0004	3.7198	0.5050								
		12	0.0049	0.0003	0.0005															
942	6	10	1.095	1.01	-0.00	1.3075	1.9132	0.0161	0.0067	0.0054	2.0774	1.6903								
		11	0.0224	0.0058	0.0086	1.7320	1.4387	0.0230	0.0103	0.0063	2.2422	1.3669								
		12	0.0238	0.0082	0.0068															
942	7	10	1.100	2.02	-0.00	1.5276	1.7439	0.0361	0.0145	0.0124	2.0168	1.7141								
		11	0.0434	0.0132	0.0151	1.9193	1.5021	0.0435	0.0177	0.0130	2.0409	1.5006								
		12	0.0431	0.0165	0.0129															
942	8	10	1.099	3.08	-0.00	1.4813	1.7328	0.0580	0.0232	0.0197	2.0009	1.7014								
		11	0.0638	0.0189	0.0221	1.9816	1.6006	0.0615	0.0223	0.0191	1.8124	1.5525								
		12	0.0634	0.0251	0.0203															
942	9	10	1.099	4.12	-0.00	1.3799	1.7181	0.0809	0.0321	0.0278	1.9865	1.7206								
		11	0.0838	0.0231	0.0288	1.9875	1.6472	0.0806	0.0263	0.0261	1.6331	1.6183								
		12	0.0866	0.0344	0.0285															
942	10	10	1.100	6.15	-0.00	1.2398	1.7380	0.1312	0.0488	0.0461	1.8596	1.7588								
		11	0.1227	0.0304	0.0426	1.8504	1.7233	0.1157	0.0330	0.0386	1.4265	1.6885								
		12	0.1387	0.0513	0.0478															

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
942	11	10	1.103	8.25	-0.00	1.1018	1.7606	0.1976	0.0631	0.0717	1.5968	1.0161						
		11	0.1531	0.0337	0.0539	1.5736	1.7698	0.1491	0.0374	0.0516	1.2541	1.7321						
		12	0.2043	0.0643	0.0731													
942	12	10	1.101	10.32	-0.00	0.9523	1.7995	0.2674	0.0737	0.0961	1.3789	1.0351						
		11	0.1846	0.0351	0.0664	1.3461	1.8323	0.1782	0.0375	0.0650	1.0656	1.7678						
		12	0.2738	0.0737	0.1003													
942	13	10	1.100	12.42	0.00	0.8057	1.8244	0.3460	0.0822	0.1283	1.1851	1.8505						
		11	0.2165	0.0348	0.0790	1.1647	1.8613	0.2100	0.0371	0.0758	0.8832	1.8055						
		12	0.3521	0.0820	0.1310													
943	1	10	1.098	4.08	-0.00	3.2415	1.7684	-0.0355	-0.0360	-0.0134	3.9397	1.8047						
		11	-0.0708	-0.0317	-0.0250	3.8692	1.7252	-0.0794	-0.0325	-0.0273	2.0741	1.7189						
		12	-0.0352	-0.0272	-0.0121													
943	2	10	1.100	3.05	-0.00	3.4491	1.7121	-0.0319	-0.0222	-0.0117	3.4910	1.8411						
		11	-0.0486	-0.0236	-0.0166	3.2224	1.6230	-0.0525	-0.0232	-0.0180	2.2098	1.7166						
		12	-0.0347	-0.0223	-0.0112													
943	3	10	1.096	2.08	-0.00	3.7474	1.6311	-0.0233	-0.0163	-0.0063	3.4994	1.7334						
		11	-0.0298	-0.0163	-0.0097	3.2621	1.6676	-0.0315	-0.0155	-0.0109	2.4615	1.7334						
		12	-0.0243	-0.0158	-0.0081													
943	4	10	1.100	1.06	-0.00	4.1543	1.7640	-0.0104	-0.0084	-0.0038	4.0502	1.8774						
		11	-0.0085	-0.0070	-0.0039	3.6549	1.7342	-0.0096	-0.0068	-0.0039	3.3093	1.8405						
		12	-0.0114	-0.0063	-0.0039													
943	5	10	1.104	0.01	-0.00	0.7635	1.7853	0.0000	-0.0006	-0.0001	34.6701	-6.8150						
		11	0.0041	0.0006	0.0014	1.3625	0.9533	0.0025	0.0020	0.0003	4.0159	1.7146						
		12	-0.0026	-0.0007	-0.0004													
943	6	10	1.098	1.08	-0.00	3.4773	1.7061	0.0123	0.0078	0.0038	3.1880	1.5460						
		11	0.0172	0.0085	0.0038	3.1877	1.6797	0.0092	0.0090	0.0033	4.9056	1.8085						
		12	0.0133	0.0085	0.0044													
943	7	10	1.100	2.05	-0.00	2.6455	1.6605	0.0336	0.0163	0.0109	2.4252	1.6242						
		11	0.0316	0.0167	0.0105	2.3921	1.6581	0.0217	0.0170	0.0076	3.9093	1.7611						
		12	0.0342	0.0163	0.0113													
943	8	10	1.102	3.08	-0.00	2.8796	1.6974	0.0550	0.0244	0.0182	2.1884	1.6387						
		11	0.0409	0.0235	0.0139	2.2343	1.7061	0.0283	0.0227	0.0104	4.0155	1.5341						
		12	0.0564	0.0252	0.0192													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
943	9	10	1.101	4.08	-0.00	3.4429	1.7427	0.0769	0.0323	0.0259	0.0258	2.1061	1.6790					
		11	0.0414	0.285	0.0144	2.1062	1.7045	0.0275	0.0259	0.0104	4.7075	1.8941						
		12	0.0793	0.0334	0.0270													
943	10	10	1.100	6.16	0.00	3.4561	1.7901	0.1316	0.0493	0.0204	1.8734	1.7432						
		11	0.0524	0.362	0.0187	1.8890	1.7854	0.0558	0.0353	0.0204	3.1611	1.8337						
		12	0.1306	0.0493	0.0466													
943	11	10	1.102	8.26	0.00	2.1114	1.7243	0.1949	0.0639	0.0356	1.6412	1.7653						
		11	0.1047	0.442	0.0361	1.6290	1.8179	0.0987	0.0420	0.0356	2.1297	1.8043						
		12	0.1953	0.0636	0.0710													
943	12	10	1.101	10.31	0.00	1.6295	1.7600	0.2608	0.0753	0.0949	1.4433	1.8193						
		11	0.1440	0.469	0.0512	1.4159	1.8604	0.1343	0.0455	0.0495	1.6966	1.8449						
		12	0.2625	0.0743	0.0976													
943	13	10	1.105	12.43	0.00	1.4159	1.8141	0.3357	0.0839	0.1237	1.2504	1.8426						
		11	0.1745	0.494	0.0633	1.4159	1.8796	0.1655	0.0472	0.0618	1.4267	1.8691						
		12	0.3349	0.0821	0.1259													
944	1	10	1.101	-4.09	0.00	2.2437	1.7357	-0.0258	-0.0263	-0.0104	5.0863	2.0198						
		11	-0.0721	-0.323	-0.0250	4.7609	1.7785	-0.0756	-0.0320	-0.0260	2.1182	1.7226						
		12	-0.0278	-0.0266	-0.0099													
944	2	10	1.098	-3.04	-0.00	2.5315	1.7478	-0.0264	-0.0217	-0.0100	4.1089	1.8987						
		11	-0.0461	-0.233	-0.0161	3.5040	1.6553	-0.0515	-0.0238	-0.0176	2.3128	1.7110						
		12	-0.0305	-0.0214	-0.0101													
944	3	10	1.099	-2.09	-0.00	2.8890	1.6513	-0.0201	-0.0160	-0.0074	3.9945	1.8421						
		11	-0.0287	-0.0166	-0.0095	3.3844	1.6868	-0.0307	-0.0161	-0.0108	2.6198	1.7601						
		12	-0.0230	-0.0155	-0.0077													
944	4	10	1.099	-1.04	0.00	4.9784	1.6919	-0.0089	-0.0084	-0.0033	4.6826	1.8848						
		11	-0.0066	-0.0065	-0.0022	3.8945	1.6374	-0.0091	-0.0064	-0.0034	3.5024	1.8528						
		12	-0.0101	-0.0079	-0.0033													
944	5	10	1.103	-0.01	-0.00	1.2960	2.0121	0.0012	-0.0006	0.0000	-2.7079	0.0037						
		11	0.0048	0.0012	0.0019	-1.6757	0.4761	0.0018	0.0019	0.0002	5.3244	0.6639						
		12	-0.0012	0.0004	-0.0001													
944	6	10	1.098	1.02	0.00	2.7682	1.7741	0.0140	0.0060	0.0040	2.8595	1.4261						
		11	0.0163	0.0090	0.0058	3.7042	1.8344	0.0087	0.0090	0.0031	5.1812	1.6148						
		12	0.0121	0.0089	0.0044													

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																			
946	6	10	1.000	-2.111	-0.0111	2.1177	1.4855	-0.0356	-0.0155	-0.0118	2.1806	1.6594	0.375	-0.0134	-0.0111	2.1177	1.4855	-0.0356	-0.0155	-0.0118	2.1806	1.6594
		11	-0.0344	-0.0134	-0.0111	1.9519	1.6214	-0.0409	-0.0153	-0.0133	1.8690	1.6249	0.0344	-0.0134	-0.0111	1.9519	1.6214	-0.0409	-0.0153	-0.0133	1.8690	1.6249
		12	-0.0139	-0.0051	-0.0045	2.6104	1.6360	-0.0164	-0.0073	-0.0052	2.2242	1.6012	0.0139	-0.0051	-0.0045	2.6104	1.6360	-0.0164	-0.0073	-0.0052	2.2242	1.6012
946	7	10	0.999	-1.03	-0.00	-0.4815	2.7461	-0.0011	-0.0006	0.0001	2.9913	-0.6025	0.999	-1.03	-0.00	-3.0415	2.7461	-0.0011	-0.0006	0.0001	2.9913	-0.6025
		11	-0.0136	-0.0071	-0.0033	1.6770	1.6375	0.0172	0.0066	0.0061	1.9381	1.7634	-0.0136	-0.0071	-0.0033	1.6770	1.6375	0.0172	0.0066	0.0061	1.9381	1.7634
		12	-0.0139	-0.0051	-0.0045	2.0714	1.6278	0.0136	0.0062	0.0049	2.2769	1.7744	-0.0139	-0.0051	-0.0045	2.0714	1.6278	0.0136	0.0062	0.0049	2.2769	1.7744
946	8	10	0.998	-0.003	0.00	1.8900	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318	0.998	-0.003	0.00	1.9550	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318
		11	0.0035	0.0003	0.0005	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318	0.0035	0.0003	0.0005	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318
		12	0.0026	0.0016	0.0005	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387	0.0026	0.0016	0.0005	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387
946	9	10	0.997	0.095	-0.00	1.7421	1.6897	0.1399	0.0470	0.0493	1.6818	1.7645	0.997	0.095	-0.00	1.4789	1.7421	0.1399	0.0470	0.0493	1.6818	1.7645
		11	0.0224	0.0075	0.0062	1.5783	1.8242	0.1441	0.0422	0.0513	1.5623	1.8161	0.0224	0.0075	0.0062	1.5783	1.8242	0.1441	0.0422	0.0513	1.5623	1.8161
		12	0.0215	0.0069	0.0070	1.4507	1.8649	0.1840	0.0451	0.0665	1.4433	1.8465	0.0215	0.0069	0.0070	1.4507	1.8649	0.1840	0.0451	0.0665	1.4433	1.8465
946	10	10	1.000	2.03	-0.00	1.8900	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318	1.000	2.03	-0.00	1.9550	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318
		11	0.0415	0.0156	0.0142	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318	0.0415	0.0156	0.0142	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318
		12	0.0437	0.0170	0.0142	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387	0.0437	0.0170	0.0142	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387
946	11	10	0.998	3.04	-0.00	1.7421	1.6897	0.1399	0.0470	0.0493	1.6818	1.7645	0.998	3.04	-0.00	1.4789	1.7421	0.1399	0.0470	0.0493	1.6818	1.7645
		11	0.0592	0.0237	0.0223	1.5783	1.8242	0.1441	0.0422	0.0513	1.5623	1.8161	0.0592	0.0237	0.0223	1.5783	1.8242	0.1441	0.0422	0.0513	1.5623	1.8161
		12	0.0665	0.0252	0.0223	1.4507	1.8649	0.1840	0.0451	0.0665	1.4433	1.8465	0.0665	0.0252	0.0223	1.4507	1.8649	0.1840	0.0451	0.0665	1.4433	1.8465
946	12	10	1.001	4.09	-0.00	1.8900	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318	1.001	4.09	-0.00	1.9550	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318
		11	0.0769	0.0304	0.0303	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318	0.0769	0.0304	0.0303	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318
		12	0.0896	0.0329	0.0303	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387	0.0896	0.0329	0.0303	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387
946	13	10	1.003	6.15	-0.00	1.7421	1.6897	0.1399	0.0470	0.0493	1.6818	1.7645	1.003	6.15	-0.00	1.4789	1.7421	0.1399	0.0470	0.0493	1.6818	1.7645
		11	0.1154	0.0402	0.0390	1.5783	1.8242	0.1441	0.0422	0.0513	1.5623	1.8161	0.1154	0.0402	0.0390	1.5783	1.8242	0.1441	0.0422	0.0513	1.5623	1.8161
		12	0.1445	0.0497	0.0510	1.4507	1.8649	0.1840	0.0451	0.0665	1.4433	1.8465	0.1445	0.0497	0.0510	1.4507	1.8649	0.1840	0.0451	0.0665	1.4433	1.8465
946	14	10	1.000	8.21	0.00	1.8900	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318	1.000	8.21	0.00	1.9550	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318
		11	0.1557	0.0460	0.0451	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318	0.1557	0.0460	0.0451	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318
		12	0.2060	0.0650	0.0751	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387	0.2060	0.0650	0.0751	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387
946	15	10	1.000	10.31	-0.00	1.8900	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318	1.000	10.31	-0.00	1.9550	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318
		11	0.2008	0.0496	0.0702	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318	0.2008	0.0496	0.0702	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318
		12	0.2708	0.0765	0.1010	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387	0.2708	0.0765	0.1010	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387
946	16	10	0.997	12.37	0.00	1.8900	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318	0.997	12.37	0.00	1.9550	1.7659	0.0390	0.0144	0.0135	1.8487	1.7318
		11	0.2367	0.0513	0.0442	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318	0.2367	0.0513	0.0442	1.8900	1.7659	0.0328	0.0138	0.0112	2.1089	1.7318
		12	0.3361	0.0893	0.1277	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387	0.3361	0.0893	0.1277	2.0026	1.6915	0.0673	0.0271	0.0234	1.7563	1.7387

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key																
947	1	10	0.896	-4.04	0.99	2.0824	1.7016	0.0185	-0.0001	0.0052	-0.0456	1.4006	0.0070	-0.0011	-0.0246	-0.0130	-0.0073	2.6406	1.4854
		11	-0.0404	-0.0168	-0.0137	-0.0014	0.9960	-0.0246	-0.0001	0.0001	-0.0052	-0.0456	1.4006	0.0070	-0.0011	-0.0246	-0.0130	-0.0073	2.6406
		12	0.0070	-0.0011	0.0014	-0.0014	0.9960	-0.0246	-0.0001	0.0001	-0.0052	-0.0456	1.4006	0.0070	-0.0011	-0.0246	-0.0130	-0.0073	2.6406
947	2	10	0.899	-3.02	0.00	2.4690	1.7101	0.0212	0.0095	0.0060	9.2277	1.4280	0.0223	-0.0110	-0.0155	-0.0045	3.0959	1.4540	1.4280
		11	-0.0223	-0.0110	-0.0076	-0.1256	1.2614	-0.0155	0.0095	0.0060	9.2277	1.4280	1.4280	-0.0121	-0.0003	-0.0095	-0.0045	3.0959	1.4540
		12	0.0121	-0.0003	0.0076	-0.1256	1.2614	-0.0155	0.0095	0.0060	9.2277	1.4280	1.4280	-0.0121	-0.0003	-0.0095	-0.0045	3.0959	1.4540
947	3	10	0.900	-2.05	0.00	2.9489	1.8368	0.0231	0.0015	0.0063	0.3414	1.3666	0.0115	-0.0068	-0.0075	-0.0022	4.0008	1.4775	1.3666
		11	-0.0115	-0.0068	-0.0042	0.0964	1.4421	-0.0075	0.0015	0.0063	0.3414	1.3666	1.3666	-0.0147	-0.0002	-0.0063	-0.0022	4.0008	1.4775
		12	0.0147	-0.0002	0.0042	0.0964	1.4421	-0.0075	0.0015	0.0063	0.3414	1.3666	1.3666	-0.0147	-0.0002	-0.0063	-0.0022	4.0008	1.4775
947	4	10	0.899	-1.05	0.00	-8.1905	-0.7613	0.0122	0.0000	0.0032	0.0253	1.3176	0.0011	-0.0003	-0.0017	-0.0001	6.5823	-0.4314	1.3176
		11	0.0011	-0.0003	-0.0026	0.1553	1.2680	-0.0017	0.0000	0.0032	0.0253	1.3176	1.3176	0.0113	-0.0003	-0.0017	-0.0001	6.5823	-0.4314
		12	0.0113	-0.0003	0.0026	0.1553	1.2680	-0.0017	0.0000	0.0032	0.0253	1.3176	1.3176	0.0113	-0.0003	-0.0017	-0.0001	6.5823	-0.4314
947	5	10	0.897	-0.05	0.00	5.0709	4.4228	0.0018	0.0002	0.0003	0.6542	0.8654	0.0005	-0.0004	-0.0001	-0.0002	0.0006	11.2359	24.5050
		11	-0.0005	-0.0004	-0.0017	0.4475	1.5952	-0.0001	0.0002	0.0003	0.6542	0.8654	0.8654	-0.0050	-0.0004	-0.0001	-0.0002	0.0006	11.2359
		12	0.0050	-0.0004	0.0017	0.4475	1.5952	-0.0001	0.0002	0.0003	0.6542	0.8654	0.8654	-0.0050	-0.0004	-0.0001	-0.0002	0.0006	11.2359
947	6	10	0.901	0.97	0.00	0.0618	1.4425	0.0018	0.0015	0.0006	7.1625	1.7149	0.0110	-0.0026	-0.0013	-0.0008	0.0006	7.1625	1.7149
		11	-0.0110	0.0026	-0.0001	-7.7363	0.4425	-0.0013	0.0015	0.0006	7.1625	1.7149	1.7149	-0.0016	-0.0013	-0.0008	0.0006	7.1625	1.7149
		12	0.0016	-0.0026	0.0001	-7.7363	0.4425	-0.0013	0.0015	0.0006	7.1625	1.7149	1.7149	-0.0016	-0.0013	-0.0008	0.0006	7.1625	1.7149
947	7	10	0.900	2.01	0.00	-0.0755	1.6321	0.0111	0.0070	0.0037	3.1446	1.6647	0.0152	0.0064	0.0013	-0.0056	0.0037	3.1446	1.6647
		11	-0.0152	0.0064	-0.0019	-7.6556	2.3521	-0.0212	0.0070	0.0037	3.1446	1.6647	1.6647	-0.0041	0.0064	0.0013	-0.0056	0.0037	3.1446
		12	0.0041	-0.0064	0.0019	-7.6556	2.3521	-0.0212	0.0070	0.0037	3.1446	1.6647	1.6647	-0.0041	0.0064	0.0013	-0.0056	0.0037	3.1446
947	8	10	0.895	3.05	0.00	-0.1998	1.6746	0.0240	0.0123	0.0075	2.5641	1.5643	0.0151	0.0114	0.0002	-0.0045	0.0075	2.5641	1.5643
		11	-0.0151	0.0114	-0.0058	-3.4404	1.7672	-0.0186	0.0123	0.0075	2.5641	1.5643	1.5643	-0.0166	0.0114	0.0002	-0.0045	0.0075	2.5641
		12	0.0166	-0.0114	0.0058	-3.4404	1.7672	-0.0186	0.0123	0.0075	2.5641	1.5643	1.5643	-0.0166	0.0114	0.0002	-0.0045	0.0075	2.5641
947	9	10	0.898	4.06	0.00	-0.4474	1.5950	0.0364	0.0163	0.0123	2.2453	1.6911	0.0129	0.0163	0.0014	-0.0038	0.0123	2.2453	1.6911
		11	-0.0129	0.0163	-0.0105	-2.6668	1.7240	-0.0153	0.0163	0.0123	2.2453	1.6911	1.6911	-0.0306	0.0163	0.0014	-0.0038	0.0123	2.2453
		12	0.0306	-0.0163	0.0105	-2.6668	1.7240	-0.0153	0.0163	0.0123	2.2453	1.6911	1.6911	-0.0306	0.0163	0.0014	-0.0038	0.0123	2.2453
947	10	10	0.896	6.11	0.00	1.9170	1.6941	0.0784	0.0304	0.0270	1.9405	1.7254	0.0161	0.0306	0.0087	0.0120	0.0270	1.9405	1.7254
		11	-0.0161	0.0306	0.0243	2.1488	1.7070	0.0327	0.0304	0.0270	1.9405	1.7254	1.7254	-0.0712	0.0306	0.0087	0.0120	1.9405	1.7254
		12	0.0712	-0.0306	0.0243	2.1488	1.7070	0.0327	0.0304	0.0270	1.9405	1.7254	1.7254	-0.0712	0.0306	0.0087	0.0120	1.9405	1.7254
947	11	10	0.898	8.16	0.00	1.2613	1.6646	0.1248	0.0426	0.0438	1.7095	1.7540	0.0608	0.0421	0.0175	0.0268	0.0438	1.7095	1.7540
		11	-0.0608	0.0421	0.0202	1.8771	1.7964	0.0767	0.0426	0.0438	1.7095	1.7540	1.7540	-0.1123	0.0421	0.0175	0.0268	1.7095	1.7540
		12	0.1123	-0.0421	0.0202	1.8771	1.7964	0.0767	0.0426	0.0438	1.7095	1.7540	1.7540	-0.1123	0.0421	0.0175	0.0268	1.7095	1.7540

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt. Cd See Key

947	12	10	0.899	10.23	0.00	1.2980	1.6888	0.1444	0.0365	0.0497	1.2636	1.7218
		11	0.1067	0.0277	0.0360	1.3947	1.7824	0.1214	0.0286	0.0434	1.1786	1.7881
		12	0.1288	0.0359	0.0459							
947	13	10	0.896	12.30	0.00	1.3850	1.7255	0.1573	0.0266	0.0543	0.9101	1.7269
		11	0.1526	0.0422	0.0526	1.9576	1.7671	0.1595	0.0404	0.0569	1.2665	1.7853
		12	0.1414	0.0270	0.0499							
948	1	10	0.899	-4.05	-0.00	2.1523	1.7558	-0.0314	-0.0205	-0.0118	3.2594	1.8636
		11	-0.0594	-0.0200	-0.0209	2.7752	1.6325	-0.0667	-0.0267	-0.0223	2.0043	1.6733
		12	-0.0360	-0.0200	-0.0117							
948	2	10	0.899	-3.05	-0.00	2.3407	1.6538	-0.0232	-0.0157	-0.0081	3.3813	1.9716
		11	-0.0416	-0.0184	-0.0141	2.4586	1.5494	-0.0447	-0.0189	-0.0142	2.1217	1.6410
		12	-0.0315	-0.0154	-0.0097							
948	3	10	0.900	-2.09	-0.00	2.5446	1.7211	-0.0177	-0.0117	-0.0070	3.2872	1.9847
		11	0.0259	-0.0132	-0.0062	2.4145	1.5749	-0.0314	-0.0139	-0.0103	2.2207	1.6408
		12	-0.0239	-0.0115	-0.0075							
948	4	10	0.899	-1.045	-0.00	3.5332	1.6723	-0.0061	-0.0054	-0.0034	3.3227	2.1185
		11	0.0064	-0.0046	-0.0032	1.9582	1.3515	-0.0131	-0.0064	-0.0042	2.4637	1.6242
		12	-0.0119	-0.0046	-0.0032							
948	5	10	0.899	-0.04	-0.00	1.1573	1.7591	0.0010	-0.0000	0.0003	-0.0825	1.5186
		11	0.0056	0.0013	0.0019	12.3131	6.5008	-0.0009	-0.0001	0.0003	0.6994	-1.6407
		12	0.0004	0.0011	0.0006							
948	6	10	0.899	0.97	-0.00	2.0068	1.6973	0.0147	0.0066	0.0051	3.2493	1.7507
		11	0.0177	0.0071	0.0060	2.6091	1.7640	0.0093	0.0061	0.0036	3.2668	1.9582
		12	0.0144	0.0075	0.0050							
948	7	10	0.899	2.04	-0.00	2.2762	1.6607	0.0324	0.0139	0.0105	3.1496	1.6225
		11	0.0283	0.0129	0.0054	2.5304	1.7116	0.0182	0.0117	0.0070	3.2139	1.9270
		12	0.0297	0.0138	0.0101							
948	8	10	0.890	3.06	-0.00	2.5554	1.6909	0.0519	0.0213	0.0172	3.0519	1.6630
		11	0.0361	0.0184	0.0122	2.1396	1.6897	0.0258	0.0163	0.0097	3.1620	1.8963
		12	0.0507	0.0217	0.0171							
948	9	10	0.899	4.08	-0.00	2.6400	1.7238	0.0700	0.0280	0.0232	3.0018	1.6586
		11	0.0439	0.0232	0.0151	2.0942	1.7533	0.0299	0.0195	0.0116	3.2521	1.9366
		12	0.0655	0.0291	0.0243							

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd																			
949	21	10	0.900	3.05	-0.00	1.9939	1.6890	0.0592	0.0227	0.0194	0.0139	1.9213	1.6019							
		11	0.0525	0.0209	0.0177	2.0039	1.6544	0.0451	0.0194	0.0157	2.1590	1.7425								
		12	0.0606	0.0243	0.0200															
949	22	10	0.896	4.07	-0.00	1.9854	1.7290	0.0803	0.0300	0.0278	1.8681	1.7311								
		11	0.0674	0.0267	0.0233	1.9553	1.7172	0.0603	0.0252	0.0206	2.0948	1.7104								
		12	0.0806	0.0315	0.0276															
949	23	10	0.898	6.11	-0.00	1.9513	1.6923	0.1276	0.0459	0.0446	1.7988	1.7494								
		11	0.0963	0.0383	0.0332	1.8542	1.7611	0.0911	0.0347	0.0317	1.9033	1.7419								
		12	0.1278	0.0474	0.0450															
949	24	10	0.900	8.20	0.00	1.7524	1.7056	0.1837	0.0619	0.0654	1.6848	1.7617								
		11	0.1353	0.0474	0.0461	1.7193	1.8254	0.1245	0.0430	0.0443	1.7284	1.7818								
		12	0.1825	0.0627	0.0665															
949	25	10	0.897	10.23	0.00	1.6502	1.7276	0.2427	0.0637	0.0579	1.3123	1.8110								
		11	0.1671	0.0551	0.0577	1.2943	1.8463	0.1571	0.0519	0.0564	1.6518	1.7966								
		12	0.2354	0.0619	0.0604															
945	25	10	0.899	12.34	-0.00	1.5747	1.7671	0.3029	0.0505	0.1098	0.9995	1.8126								
		11	0.2066	0.0650	0.0730	1.9912	1.8612	0.1925	0.0520	0.0707	1.6122	1.8362								
		12	0.2979	0.0590	0.1109															
950	1	10	0.899	4.07	-0.00	1.9468	1.6575	-0.0741	-0.0273	-0.0246	1.8434	1.6616								
		11	0.0791	-0.0308	-0.0262	1.7355	1.6949	-0.0821	-0.0291	-0.0283	1.7773	1.7267								
		12	-0.0715	-0.0249	-0.0242															
950	2	10	0.899	3.03	-0.00	2.0236	1.5958	-0.0556	-0.0207	-0.0182	1.8671	1.6368								
		11	0.0557	-0.0225	-0.0178	1.7634	1.7436	-0.0565	-0.0208	-0.0203	1.7811	1.7344								
		12	-0.0510	-0.0180	-0.0178															
950	3	10	0.899	2.05	-0.00	2.1348	1.5704	-0.0415	-0.0154	-0.0133	1.8566	1.6035								
		11	0.0366	-0.0156	-0.0115	1.7497	1.7482	-0.0408	-0.0147	-0.0145	1.8103	1.7831								
		12	-0.0364	-0.0127	-0.0127															
950	4	10	0.901	-1.04	-0.00	2.4906	1.1662	-0.0191	-0.0071	-0.0059	1.8728	1.5471								
		11	0.0137	-0.0068	-0.0031	1.6126	2.1206	-0.0179	-0.0062	-0.0069	1.7433	1.9290								
		12	-0.0125	-0.0040	-0.0053															
950	5	10	0.899	-0.01	0.00	-0.2281	2.8136	-0.0001	-0.0002	-0.0004	12.7213	-22.4026								
		11	0.0051	-0.0002	0.0029	1.9423	0.8946	0.0018	0.0009	0.0003	2.4277	-0.8132								
		12	0.0068	0.0026	0.0012															

See Key

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd																					
950	6	10	0.099	0.0061	0.0090	0.00073	-0.000	1.3786	1.9494	0.0177	0.0058	0.0065	1.6634	1.8475	11	0.0223	0.0090	0.0073	0.00073	0.0065	1.6634	1.8475
950	7	11	0.099	0.0142	0.0175	0.0153	-0.010	1.6293	1.7827	0.0428	0.0148	0.0149	1.7263	1.7436	12	0.0437	0.0175	0.0153	0.0153	0.0133	1.8344	1.6032
950	8	10	0.099	0.0211	0.0249	0.0223	-0.010	1.7135	1.7692	0.0628	0.0221	0.0217	1.7582	1.7328	11	0.0618	0.0249	0.0223	0.0223	0.0183	1.7958	1.6206
950	9	10	0.090	0.0277	0.0332	0.0307	-0.010	1.7073	1.7351	0.0888	0.0313	0.0307	1.7650	1.7316	11	0.0813	0.0332	0.0307	0.0307	0.0251	1.7634	1.6369
950	10	11	0.090	0.0397	0.0504	0.0497	-0.010	1.6429	1.6960	0.1385	0.0476	0.0486	1.7181	1.7555	12	0.1209	0.0504	0.0497	0.0497	0.0362	1.6715	1.7104
950	11	10	0.096	0.0493	0.0653	0.0653	-0.010	1.5721	1.7224	0.1970	0.0638	0.0708	1.6207	1.7987	11	0.1569	0.0653	0.0653	0.0653	0.0511	1.5993	1.7542
950	12	12	0.099	0.0596	0.0804	0.0798	-0.010	1.5060	1.7573	0.2605	0.0763	0.0956	1.5008	1.8335	11	0.1960	0.0804	0.0798	0.0798	0.0650	1.5515	1.7832
950	13	10	0.099	0.0696	0.0894	0.0894	-0.010	1.5144	1.7741	0.3392	0.0701	0.1243	1.0337	1.8323	11	0.2298	0.0894	0.0894	0.0894	0.0796	1.5399	1.8128
951	4	10	0.000	-0.0190	-0.0032	-0.0014	0.000	-2.0840	1.6274	-0.0115	-0.0032	0.0025	-1.4152	1.1062	11	-0.0456	-0.0190	-0.0032	-0.0032	-0.0111	-2.3490	1.5325
951	5	10	0.798	-0.0133	-0.0040	0.000	-3.04	2.2756	0.0139	-0.0029	0.0034	-1.0695	1.2366	11	-0.0292	-0.0133	-0.0040	-0.0040	-0.0079	-2.4500	1.5562	
951	6	10	0.798	-0.0177	-0.0035	0.000	-2.09	2.6211	0.0126	-0.0029	0.0032	-1.1634	1.2037	11	-0.0177	-0.0035	-0.00017	-0.00017	-0.0045	-2.5753	1.4037	

See Key

TABLE VIII
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key →																			
952	18	0.799	-3.05	-0.00	2.1517	1.6588	-0.0312	-0.0160	-0.0113	2.5672	1.8232	0.422	-0.0181	-0.0140	2.2446	1.6916	-0.0465	-0.0182	-0.0157	1.9635	1.6972
	11	-0.0329	-0.0147	-0.0111																	
	12																				
952	19	0.797	-2.08	-0.00	2.2553	1.5625	-0.0229	-0.0117	-0.0086	2.5568	1.8887	0.289	-0.0130	-0.0090	2.1533	1.6281	-0.0322	-0.0128	-0.0107	1.9850	1.6600
	11	-0.0255	-0.0109	-0.0063																	
	12																				
952	20	0.797	-1.07	-0.00	2.5414	1.2365	-0.0092	-0.0046	-0.0035	2.5083	1.8858	0.102	-0.0051	-0.0023	1.7843	1.2750	-0.0128	-0.0053	-0.0042	2.0610	1.6633
	11	-0.0141	-0.0050	-0.0036																	
	12																				
952	21	0.796	-0.04	-0.00	1.1710	2.3679	-0.0000	-0.0000	0.0001	0.7398	1.3538	0.053	0.0012	0.0025	6.3158	4.5432	-0.0030	-0.0005	-0.0007	0.9418	1.1840
	11	0.0011	0.0015	0.0010																	
	12																				
952	22	0.797	0.99	-0.00	1.9708	1.8723	0.0162	0.0068	0.0053	2.1163	1.6394	0.188	0.0074	0.0070	1.4735	1.9204	0.0134	0.0071	0.0048	2.6621	1.8049
	11	0.0150	0.0074	0.0057																	
	12																				
952	23	0.799	2.01	-0.00	2.1897	1.8906	0.0310	0.0129	0.0106	2.0802	1.7057	0.295	0.0129	0.0113	2.1501	1.6989	0.0223	0.0113	0.0080	2.5353	1.7888
	11	0.0333	0.0143	0.0113																	
	12																				
952	24	0.798	3.05	-0.00	2.1956	1.8141	0.0492	0.0194	0.0166	1.9766	1.6922	0.417	0.0183	0.0180	2.0500	1.7117	0.0308	0.0155	0.0112	2.5109	1.8200
	11	0.0526	0.0216	0.0180																	
	12																				
952	25	0.796	4.06	-0.00	2.2749	1.7593	0.0716	0.0275	0.0241	1.9261	1.6864	0.527	0.0239	0.0248	1.9890	1.7552	0.0391	0.0212	0.0147	2.7190	1.8891
	11	0.0708	0.0281	0.0248																	
	12																				
952	26	0.796	6.08	0.00	2.2573	1.7541	0.1150	0.0417	0.0403	1.8149	1.7518	0.709	0.0320	0.0413	1.8431	1.7907	0.0630	0.0292	0.0228	2.3234	1.8109
	11	0.1153	0.0425	0.0413																	
	12																				
952	27	0.798	8.17	0.00	1.9844	1.7572	0.1675	0.0547	0.0592	1.6335	1.7693	1.033	0.0410	0.0363	1.6541	1.8422	0.1061	0.0380	0.0380	1.7913	1.7945
	11	0.1632	0.0540	0.0601																	
	12																				
952	28	0.798	10.23	0.00	1.7460	1.7563	0.2189	0.0604	0.0788	1.3817	1.8010	1.411	0.0493	0.0495	1.4106	1.8593	0.1414	0.0472	0.0509	1.6706	1.7591
	11	0.2101	0.0592	0.0781																	
	12																				

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd	See Key																					
954	9	10	0.793	4.05	-0.00	1.6003	1.7791	0.0645	0.0296	0.0294	1.7566	1.7434	11	0.0773	0.0259	0.0275	1.7795	1.7221	0.0743	0.0269	0.0249	1.6103	1.6764
		12	0.0678	0.0312	0.0302																		
954	10	10	0.793	6.00	-0.00	1.6724	1.7567	0.1322	0.0451	0.0465	1.7089	1.7601	11	0.1126	0.0325	0.0395	1.7186	1.7658	0.1066	0.0367	0.0365	1.7234	1.7142
		12	0.1348	0.0463	0.0476																		
954	11	10	0.793	8.16	0.00	1.5842	1.7259	0.1671	0.0591	0.0678	1.5815	1.8139	11	0.1477	0.0468	0.0510	1.5862	1.6170	0.1393	0.0452	0.0486	1.6221	1.7435
		12	0.1883	0.0597	0.0684																		
954	12	10	0.793	10.21	0.00	1.5130	1.7543	0.2463	0.0679	0.0904	1.3790	1.8353	11	0.1776	0.0537	0.0623	1.5790	1.6498	0.1703	0.0530	0.0603	1.5566	1.7723
		12	0.2484	0.0685	0.0919																		
954	13	10	0.793	12.29	0.00	1.4685	1.7598	0.3198	0.0720	0.1182	1.1256	1.8481	11	0.2113	0.0620	0.0743	1.4417	1.6793	0.2036	0.0606	0.0728	1.4886	1.7886
		12	0.3144	0.0717	0.1181																		
955	1	10	0.392	4.00	0.00	1.6744	1.7261	-0.0303	-0.0160	-0.0122	2.6402	2.0212	11	0.0573	-0.0214	-0.0198	2.0705	1.1916	-0.0429	-0.0223	-0.0201	1.7771	1.5998
		12	-0.0479	-0.0198	-0.0114																		
955	2	10	0.394	3.03	0.00	1.9663	1.6110	-0.0196	-0.0103	-0.0084	2.6372	2.1540	11	0.0422	-0.0166	-0.0136	1.9586	1.2851	-0.0408	-0.0149	-0.0122	1.8258	1.5015
		12	-0.0414	-0.0160	-0.0106																		
955	3	10	0.392	2.04	0.00	1.9342	1.4845	-0.0179	-0.0084	-0.0054	2.3464	1.5264	11	0.0300	-0.0116	-0.0089	1.7752	1.0789	-0.0336	-0.0121	-0.0099	1.8014	1.4877
		12	-0.0331	-0.0117	-0.0071																		
955	4	10	0.393	1.05	0.00	1.8307	1.2942	-0.0051	-0.0014	-0.0018	1.4207	1.7840	11	0.0137	-0.0050	-0.0033	1.4972	0.6512	-0.0109	-0.0033	-0.0029	1.5286	1.3332
		12	-0.0244	-0.0073	-0.0041																		
955	5	10	0.392	0.02	0.00	-1.5051	-3.3688	0.0056	0.0034	0.0030	3.0743	-1.7974	11	0.018	-0.005	-0.0013	-1.9263	-0.3688	-0.0035	0.0005	0.0011	-0.7728	-1.7974
		12	-0.0080	-0.0014	0.0005																		
955	6	10	0.393	0.97	0.00	3.0451	3.2139	0.0200	0.0089	0.0078	2.2230	1.9715	11	0.0093	0.0056	0.0041	3.1231	4.4868	0.0061	0.0054	0.0047	4.4184	3.8647
		12	0.0046	0.0029	0.0041																		

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run Pt.	Cd																		
955	7	0.392	2.00	-0.00	2.6030	2.7081	0.0322	0.0138	0.0121	2.1476	1.8856								
	11	0.0188	0.0098	0.0102	2.2234	2.2665	0.0118	0.0088	0.0071	3.7564	3.0120								
	12	0.0198	0.0088	0.0089															
955	8	0.393	3.03	0.00	2.8630	2.6938	0.0465	0.0192	0.0176	3.0680	1.8931								
	11	0.0233	0.0133	0.0126	2.0678	2.0566	0.0158	0.0115	0.0082	3.5699	2.6103								
	12	0.0377	0.0156	0.0155															
955	9	0.394	4.04	0.00	2.8923	2.5307	0.0710	0.0277	0.0245	1.9494	1.7294								
	11	0.0280	0.0162	0.0142	1.8801	2.0291	0.0260	0.0174	0.0128	3.3601	2.4692								
	12	0.0523	0.0196	0.0212															
955	10	0.392	6.02	0.00	2.9297	2.4871	0.1102	0.0406	0.0381	1.8434	1.7298								
	11	0.0385	0.0225	0.0191	1.8295	1.8889	0.0500	0.0238	0.0194	2.3791	1.9424								
	12	0.0914	0.0334	0.0345															
955	11	0.394	8.08	0.00	2.0182	2.0612	0.1551	0.0533	0.0565	1.7200	1.8336								
	11	0.0295	0.0325	0.0331	1.7389	1.9118	0.0922	0.0349	0.0339	1.8857	1.8336								
	12	0.1288	0.0447	0.0491															
955	12	0.393	10.10	0.00	1.7215	1.7999	0.1956	0.0621	0.0725	1.5882	1.8550								
	11	0.1254	0.0431	0.0451	1.5698	1.9454	0.1240	0.0415	0.0453	1.6750	1.8259								
	12	0.1759	0.0552	0.0684															
955	13	0.392	12.13	0.00	1.5773	1.8771	0.2594	0.0627	0.0945	1.3883	1.8213								
	11	0.1696	0.0535	0.0636	1.2353	2.0183	0.1681	0.0534	0.0618	1.5884	1.8403								
	12	0.2260	0.0558	0.0912															
956	1	0.392	4.01	0.00	1.7735	1.4176	-0.0542	-0.0171	-0.0171	1.5790	1.5771								
	11	-0.0756	-0.0238	-0.0214	1.6851	1.6037	-0.0795	-0.0250	-0.0253	1.5734	1.5953								
	12	-0.0708	-0.0238	-0.0227															
956	2	0.393	3.03	0.00	1.7664	1.2278	-0.0371	-0.0117	-0.0109	1.5796	1.4789								
	11	-0.0556	-0.0196	-0.0136	1.6981	1.5477	-0.0521	-0.0158	-0.0147	1.5222	1.4110								
	12	-0.0559	-0.0190	-0.0173															
956	3	0.393	2.10	0.00	1.7151	1.0117	-0.0274	-0.0083	-0.0079	1.5151	1.4492								
	11	-0.0410	-0.0140	-0.0083	1.6365	1.5401	-0.0396	-0.0115	-0.0106	1.4587	1.3396								
	12	-0.0446	-0.0146	-0.0137															
956	4	0.394	1.06	0.00	1.6485	0.4820	-0.0091	-0.0013	-0.0018	0.7610	0.9963								
	11	-0.0240	-0.0079	-0.0023	1.4642	1.2352	-0.0193	-0.0042	-0.0035	1.1044	0.9056								
	12	-0.0265	-0.0077	-0.0065															

See Key

TABLE VIIB
TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key															
957	3	10	0.391	-2.07	0.00	1.7292	0.9273	-0.0292	-0.0093	-0.0086	1.6019	1.4724						
		11	-0.0462	-0.0166	-0.0089	1.7203	1.6001	-0.0419	-0.0120	-0.0130	1.4385	1.5594						
		12	-0.0413	-0.0142	-0.0132													
957	4	10	0.392	-1.04	0.00	1.7885	0.2389	-0.0092	-0.0014	-0.0018	0.7610	0.9963						
		11	-0.0256	-0.0084	-0.0011	1.5870	1.2953	-0.0229	-0.0047	-0.0047	1.0338	1.0264						
		12	-0.0231	-0.0073	-0.0059													
957	5	10	0.392	-0.04	0.00	1.7244	-1.5642	0.0034	0.0030	0.0036	4.3473	5.2725						
		11	-0.0098	-0.0033	0.0030	1.1858	0.0897	-0.0097	-0.0008	-0.0011	0.4566	0.6010						
		12	-0.0014	-0.0009	-0.0023													
957	6	10	0.392	0.95	0.00	1.7992	0.1091	0.0312	0.0124	0.0128	1.9828	2.0553						
		11	0.0063	0.0222	0.0103	1.7315	1.1723	0.0134	0.0073	0.0071	2.7385	2.6596						
		12	0.0128	0.0044	0.0030													
957	7	10	0.392	1.98	0.00	1.8074	2.6886	0.0456	0.0178	0.0183	1.7831	2.0094						
		11	0.0303	0.0109	0.0162	1.8121	1.5966	0.0298	0.0131	0.0131	2.2049	2.1919						
		12	0.0339	0.0123	0.0108													
957	8	10	0.392	3.00	0.00	1.8305	2.5608	0.0722	0.0256	0.0262	1.7747	1.8181						
		11	0.0411	0.0180	0.0210	1.7323	1.6536	0.0479	0.0199	0.0196	2.0638	2.0482						
		12	0.0509	0.0176	0.0168													
957	9	10	0.393	3.99	0.00	1.8009	2.3421	0.0893	0.0319	0.0335	1.7892	1.8754						
		11	0.0602	0.0216	0.0282	1.7361	1.7226	0.0633	0.0252	0.0248	1.9902	1.9654						
		12	0.0730	0.0253	0.0251													
957	10	10	0.493	5.05	0.00	1.8030	2.2153	0.1111	0.0393	0.0408	1.7715	1.8384						
		11	0.0772	0.0278	0.0342	1.7129	1.7025	0.0797	0.0310	0.0308	1.9448	1.9335						
		12	0.0969	0.0332	0.0330													
957	11	10	0.392	6.03	0.00	1.7733	2.1336	0.1299	0.0458	0.0470	1.7621	1.8706						
		11	0.0887	0.0314	0.0378	1.7051	1.7667	0.0968	0.0363	0.0362	1.8778	1.8706						
		12	0.1088	0.0371	0.0384													
957	12	10	0.392	8.07	0.00	1.6889	1.9709	0.1826	0.0603	0.0671	1.6530	1.8379						
		11	0.1232	0.0416	0.0485	1.6271	1.7651	0.1302	0.0458	0.0492	1.7609	1.8915						
		12	0.1616	0.0525	0.0570													
957	13	10	0.392	10.10	0.00	1.5870	1.9524	0.2408	0.0730	0.0887	1.5166	1.8431						
		11	0.1494	0.0474	0.0583	1.5281	1.8226	0.1568	0.0527	0.0583	1.6803	1.8615						
		12	0.2149	0.0656	0.0783													

TABLE VIIB
 TAIL FINS FORCE AND MOMENT COEFFICIENTS - THRUST EFFECT PHASE

Run	Pt.	Cd	See Key →											
957	14	10	0.390	12.11	0.00	1.4753	1.6990	0.3063	0.0833	0.1152	1.3514	1.0689		
		11	0.1660	0.0554	0.0714	1.3776	1.6990	0.1950	0.0605	0.0719	1.5516	1.0489		
		12	0.2699	0.0743	0.1025									

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	ε	P _s	CRT	P _L	ΔP _L	T _L	W _a	
110	3	1.0000	0.00	-0.00	3.7	-0.1739	508.7	14.0	485.7	47.0	3652
110	4	0.9999	-0.00	-0.00	186.1	0.3934	784.3	3.5	489.4	7.4	0095
110	5	1.0002	-0.00	-0.00	354.7	6.6017	1011.0	6.4	495.0	9.1	1672
110	6	0.9997	-0.00	-0.00	426.7	8.3170	1239.4	8.4	500.5	11.1	1990
110	7	1.0000	-0.01	-0.00	426.0	10.0751	1452.4	2.7	504.8	12.9	9346
110	12	1.0000	-0.00	-0.00	556.3	11.2800	1624.0	5.0	506.5	14.5	5226
112	1	0.798	-4.02	-0.00	227.8	6.9713	626.5	7.9	483.0	5.0	4696
112	2	0.801	-3.00	-0.00	230.3	6.9732	633.6	9.6	481.5	5.9	6848
112	3	0.7996	-2.00	-0.00	230.3	6.9789	633.6	6.1	481.7	3.3	4823
112	4	0.8022	-1.00	-0.00	216.1	6.3447	584.3	1.3	481.7	3.2	4826
112	5	0.8020	-0.54	-0.00	216.3	6.3961	593.5	2.1	481.7	3.0	4788
112	6	0.800	0.97	-0.00	190.8	5.6223	521.7	1.2	481.0	0.8	7681
112	7	0.799	0.47	-0.00	167.2	5.0671	428.7	1.2	481.0	0.8	7491
112	8	0.800	3.01	-0.00	167.2	5.0671	428.7	9.5	481.0	0.9	9431
112	9	0.803	3.07	-0.00	167.2	5.0671	428.7	6.8	481.0	0.8	9431
112	10	0.803	4.04	-0.00	168.3	5.1114	454.9	5.4	481.0	0.9	0863
112	11	0.801	-0.03	-0.00	168.3	5.1744	457.5	8.4	481.0	0.9	1795
112	12	0.801	-0.03	-0.00	168.3	5.1744	457.5	8.4	481.0	0.9	1795
117	3	0.997	0.67	0.00	187.6	4.2165	511.4	6.3	479.6	4.6	5072
117	4	0.999	-3.07	-0.00	191.2	4.3475	522.0	8.2	478.0	4.6	5273
117	5	0.999	-2.06	-0.00	185.1	4.3875	520.4	2.1	478.0	4.4	5877
117	6	0.998	-1.05	-0.00	185.1	4.3875	520.4	7.7	477.6	4.4	4077
117	7	0.996	-0.57	-0.00	185.1	4.3875	520.4	1.7	477.6	4.4	4077
117	8	0.999	0.43	-0.00	185.2	4.3302	504.4	2.2	476.0	4.4	4077
117	9	0.999	0.99	-0.00	185.2	4.3302	504.4	2.2	475.7	4.4	4369
117	10	0.990	0.04	-0.00	185.3	4.3001	505.1	4.5	475.5	4.4	4369
117	11	0.998	3.06	-0.00	184.7	4.3001	505.1	4.5	474.4	4.4	4369
117	12	0.997	4.06	-0.00	184.7	4.2779	502.3	4.5	474.4	4.4	4369
117	13	0.997	-0.05	-0.00	186.0	4.4121	507.3	8.3	473.5	4.4	4696
118	1	0.001	4.03	0.00	354.4	8.2531	1010.1	1.5	485.1	9.0	0851
118	2	0.998	-3.07	-0.00	351.5	8.2482	1011.0	8.7	485.6	9.0	9216
118	3	0.998	-2.05	-0.00	351.5	8.2482	1010.3	1.8	484.4	9.0	0463
118	4	0.999	-1.05	-0.00	353.5	8.2062	1006.1	8.5	484.4	9.0	0983
118	5	0.999	0.57	-0.00	353.5	8.4206	1016.8	1.0	484.4	9.0	0983
118	6	0.998	-0.43	-0.00	358.2	8.4206	1016.8	9.9	484.4	9.0	1266
118	7	0.997	0.99	-0.00	358.2	8.4206	1016.8	9.9	484.4	9.0	1266
118	8	0.996	0.43	-0.00	353.5	8.4029	996.8	8.8	482.0	8.3	6592
118	9	0.996	0.91	-0.00	353.5	8.4029	996.8	8.8	482.0	8.3	6592
118	10	0.996	0.91	-0.00	353.5	8.4029	996.8	8.8	482.0	8.3	6592
118	11	0.996	0.91	-0.00	353.5	8.4029	996.8	8.8	482.0	8.3	6592
118	12	0.996	0.91	-0.00	353.5	8.4029	996.8	8.8	482.0	8.3	6592

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
118	13	0.999	3.04	-0.00	148.7	3.3697	403.8	10.8	470.3	3.4751
118	14	0.999	4.09	-0.00	151.0	3.4255	410.9	11.7	470.6	3.6210
118	15	1.000	1.99	-0.00	355.9	8.3729	1011.0	30.1	489.3	3.1093
118	16	0.994	3.04	-0.00	350.3	8.1909	999.6	30.2	490.8	3.9504
118	17	0.997	4.06	-0.00	353.5	8.2152	1006.6	30.3	490.8	3.9990
118	18	0.997	-0.05	-0.00	354.5	8.0723	1010.6	30.3	491.6	3.0993
119	4	0.999	4.09	-0.00	101.9	2.3828	275.7	7.9	472.9	2.4340
119	5	0.996	3.07	-0.00	86.8	2.0268	237.1	6.3	471.7	2.9876
119	6	0.999	-2.08	-0.00	69.9	1.6746	236.7	5.2	469.5	2.4949
119	7	0.999	-1.08	-0.00	70.0	1.6355	192.2	5.0	468.5	2.5163
119	8	0.998	-0.56	-0.00	55.1	1.2490	153.0	3.9	467.5	2.8933
119	9	0.998	0.46	-0.00	55.1	1.2467	152.6	3.9	467.4	2.8233
119	10	0.999	0.97	-0.00	55.1	1.2472	152.6	4.0	467.1	2.8055
119	11	0.996	3.07	-0.00	36.3	0.7950	102.2	2.6	466.5	2.8533
119	12	0.997	3.09	-0.00	35.8	0.7835	101.5	2.6	466.2	2.8533
119	13	0.997	4.07	-0.00	35.8	0.7855	101.5	2.5	466.5	2.8533
119	14	0.998	3.09	-0.00	35.8	0.7804	101.5	2.5	466.5	2.8533
119	15	0.998	-0.04	-0.00	12.7	0.2237	40.4	1.0	464.4	2.3432
120	1	0.999	4.09	-0.00	49.4	1.238	137.5	3.7	466.0	1.977
120	2	0.997	3.08	-0.00	45.4	1.2374	159.8	4.1	466.2	1.3176
120	3	0.997	2.08	-0.00	23.3	0.4798	68.9	1.9	464.5	1.6097
120	4	0.997	1.06	-0.00	23.3	0.4894	69.0	1.8	464.5	1.5570
120	5	0.998	0.37	-0.00	23.3	0.4844	69.0	1.6	464.4	1.5551
120	6	0.998	0.41	-0.00	23.3	0.4841	69.0	1.6	464.4	1.5548
120	7	0.999	1.03	-0.00	8.2	0.1142	28.0	0.6	465.6	2.2125
120	8	0.999	3.08	-0.00	7.7	0.1046	27.7	0.5	465.6	2.2125
120	9	0.997	4.09	-0.00	7.7	0.1039	27.7	0.5	465.6	2.2125
120	10	0.997	3.08	-0.00	7.7	0.1039	27.7	0.5	465.6	2.2125
120	11	0.998	-0.02	-0.00	6.0	0.0991	22.2	0.5	465.6	2.2125
120	12	0.998	-0.02	-0.00	6.0	0.0991	22.2	0.5	465.6	2.2125
121	1	0.997	4.08	-0.00	59.5	1.378	140.6	4.1	466.0	1.2618
121	2	0.998	3.07	-0.00	59.5	1.3515	167.1	4.4	466.0	1.4928
121	3	0.999	2.07	-0.00	64.4	1.1708	176.6	4.4	467.0	1.5062
121	4	0.998	1.05	-0.00	64.4	1.1624	176.6	4.4	467.0	1.5062
121	5	0.999	0.25	-0.00	64.4	1.1531	176.6	4.5	467.0	1.5062
121	6	0.999	0.45	-0.00	64.4	1.1532	176.6	4.5	467.0	1.5062
121	7	0.996	1.04	-0.00	90.0	1.9196	227.4	7.0	469.0	2.2039
121	8	0.997	3.02	-0.00	107.5	2.4775	246.0	7.8	471.2	2.5604
121	9	0.998	3.02	-0.00	112.5	2.5971	250.5	8.0	472.2	2.7232
121	10	0.998	3.02	-0.00	112.5	2.5971	250.5	8.0	472.2	2.7232

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
121	11	0.995	4.06	-0.00	140.7	3.2692	382.0	11.3	475.3	3.4261
121	12	0.998	-0.05	-0.00	158.2	3.6465	430.0	13.0	478.2	3.8902
123	1	0.900	4.04	-0.00	109.0	2.8129	296.1	9.0	470.5	2.7021
123	3	0.899	-3.02	-0.00	107.5	2.7679	292.0	9.0	469.9	2.6853
123	4	0.900	-2.07	-0.00	106.4	2.7390	289.0	8.9	468.6	2.6676
123	5	0.900	-1.03	-0.00	105.2	2.7049	285.9	8.9	468.1	2.6489
123	6	0.902	-0.53	-0.00	103.5	2.6606	281.5	8.8	467.9	2.6356
123	7	0.899	0.49	-0.00	101.7	2.6172	280.6	8.8	467.6	2.6201
123	8	0.901	0.98	-0.00	101.1	2.5988	276.8	8.8	467.4	2.6013
123	9	0.900	2.04	-0.00	100.0	2.5815	272.1	8.8	467.3	2.5822
123	10	0.899	3.07	-0.00	85.1	2.5455	252.0	7.7	466.6	2.5685
123	11	0.900	4.08	-0.00	88.3	2.5259	240.1	7.7	466.2	2.5489
123	12	0.901	-0.04	-0.00	86.9	2.5333	237.0	7.7	466.0	2.5218
124	1	0.898	0.05	-0.00	96.7	5.072	263.0	8.1	466.5	3.316
124	2	0.900	-3.04	-0.00	95.5	4.734	260.0	8.0	466.2	3.268
124	3	0.900	-2.09	-0.00	94.7	4.569	257.0	8.0	466.0	3.265
124	4	0.902	-1.05	-0.00	93.3	4.417	255.0	8.0	466.0	3.257
124	5	0.900	-0.52	-0.00	92.6	4.393	252.0	8.0	466.1	3.251
124	6	0.900	0.40	-0.00	91.3	4.356	252.0	8.0	466.1	3.248
124	7	0.902	1.04	-0.00	91.0	4.341	248.0	8.0	465.9	3.236
124	8	0.902	2.06	-0.00	89.9	4.341	246.0	8.0	465.8	3.231
124	9	0.902	3.09	-0.00	88.3	4.281	242.0	7.7	465.5	3.221
124	10	0.901	4.09	-0.00	73.2	3.881	220.0	6.6	464.4	3.207
124	11	0.899	-0.02	-0.00	73.2	3.886	220.0	6.6	464.4	3.205
125	1	0.899	0.03	0.00	64.3	7.006	733.0	7.9	478.0	6.892
125	2	0.898	-3.04	-0.00	68.9	7.089	745.0	8.0	478.0	6.927
125	3	0.899	-2.08	-0.00	68.0	7.042	747.0	8.0	478.0	6.952
125	4	0.897	-1.03	-0.00	68.1	7.058	745.0	8.0	479.0	6.937
125	5	0.902	-0.54	-0.00	65.3	7.520	787.0	8.4	479.0	7.043
125	6	0.899	0.54	-0.00	65.5	7.595	797.0	8.4	480.0	7.143
125	7	0.898	1.59	-0.00	61.2	7.387	783.0	8.1	480.0	7.163
125	8	0.897	2.59	-0.00	60.3	7.477	805.0	8.2	482.0	7.268
125	9	0.901	3.07	-0.00	60.0	7.455	805.0	8.2	482.0	7.269
125	10	0.900	4.03	-0.00	59.0	7.459	777.0	8.2	481.0	7.165
125	11	0.900	4.07	-0.00	59.0	7.452	773.0	8.2	481.0	7.165
125	12	0.900	-0.03	-0.00	59.0	7.427	793.0	8.2	482.0	7.165
127	6	0.005	0.00	0.00	3.7	5.827	807.0	3.4	483.0	7.153

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
127	7	0.999	-0.000	-0.000	4.1	0.0128	150.6	4.0	481.6	1.2751
127	8	1.001	-0.001	-0.000	55.5	0.2297	286.1	8.2	476.9	2.5240
127	10	0.997	-0.004	-0.000	104.3	0.3566	393.3	11.7	478.2	3.5305
127	11	1.002	-0.002	-0.000	149.7	0.6099	541.3	17.1	478.6	5.0975
127	12	1.000	-0.004	-0.000	198.9	0.5243	606.3	21.4	478.6	6.3055
127	13	1.008	-0.003	-0.000	285.6	0.7526	806.2	31.0	480.6	7.5214
127	14	0.992	-0.002	-0.000	368.4	0.0235	1051.3	40.8	490.6	9.2174
127	15	1.056	-0.004	-0.000	444.4	0.0238	1375.3	50.4	493.7	1.4346
127	16	1.072	-0.005	-0.000	506.2	0.9082	1548.2	68.5	488.0	13.3217
127	17	0.997	-0.003	-0.000	558.3	11.3485	1678.0	85.0	493.7	14.3463
127	18	0.997	-0.002	-0.000	606.3	15.0763	1753.6	95.0	495.5	15.6269
127	19	0.952	-0.003	-0.000						
128	6	1.103	-0.004	-0.000	278.4	4.504	793.6	3.0	478.0	7.0749
128	7	1.100	-0.005	-0.000	271.6	4.8778	782.1	2.2	482.3	6.0670
128	8	1.101	-0.004	-0.000	271.9	5.8750	782.1	2.6	484.2	6.9094
128	10	1.096	-0.005	-0.000	271.5	5.8066	782.1	2.2	485.4	6.8677
128	11	1.099	-0.005	-0.000	272.2	5.7988	787.4	2.2	485.0	6.9111
128	12	1.101	-0.002	-0.000	271.9	5.9747	783.0	2.1	486.1	6.6856
128	13	1.102	-0.005	-0.000	271.0	5.8347	779.9	1.9	486.3	6.7619
128	14	1.100	-0.004	-0.000	271.6	5.8051	781.6	2.1	486.6	6.7711
128	15	1.096	-0.007	-0.000	271.6	5.8797	782.1	2.1	486.6	6.7723
128	16	1.107	-0.004	-0.000	272.6	5.7379	783.5	2.2	486.6	6.7512
128	17	1.097	-0.004	-0.000	270.9	5.8571	782.5	2.2	487.5	6.9012
129	3	0.396	-0.001	-0.000	350.7	36.6260	1072.4	7.4	494.8	9.6100
129	4	0.398	-0.002	-0.000	360.3	36.1043	1072.4	3.3	495.3	9.5708
129	5	0.397	-0.006	-0.000	374.3	37.8309	1081.3	3.3	496.1	9.5349
129	6	0.395	-0.005	-0.000	373.9	37.4269	1079.5	3.3	496.9	9.7395
129	7	0.397	-0.001	-0.000	374.6	38.4503	1084.8	3.3	497.0	9.7324
129	8	0.398	-0.004	-0.000	369.7	37.5672	1080.4	3.2	497.0	9.6866
129	9	0.398	-0.005	-0.000	376.2	38.0889	1078.6	3.3	496.6	9.6806
129	10	0.394	-0.005	-0.000	376.9	38.8128	1078.6	3.3	497.6	9.6500
129	11	0.395	-0.002	-0.000	376.0	38.7818	1082.6	3.3	497.6	9.6900
129	12	0.397	-0.004	-0.000	375.6	37.6519	1069.3	3.3	497.5	9.5684
129	13	0.397	-0.006	-0.000	375.6	37.6519	1079.9	3.3	497.7	9.7095
130	1	0.797	-0.004	-0.000	350.8	10.9879	1001.5	3.0	496.2	8.9209
130	2	0.800	-0.007	-0.000	351.7	10.8928	1005.1	3.4	496.4	8.9540
130	3	0.801	-0.002	-0.000	351.1	10.7745	1004.6	3.0	496.4	8.9663

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
130	4	0.797	-1.04	-0.00	351.1	10.7530	1004.6	31.0	496.4	9.0373
130	5	0.802	-0.55	-0.00	353.0	10.8754	1008.6	30.7	496.7	9.0193
130	6	0.801	-0.44	-0.00	350.1	10.7005	1003.3	30.2	496.6	9.0102
130	7	0.799	0.46	-0.00	350.4	10.6683	1006.4	30.6	496.6	9.0143
130	8	0.797	0.98	-0.00	351.9	10.6676	1007.0	30.7	496.6	9.0082
130	10	0.795	1.30	-0.00	352.1	10.9973	1010.0	30.5	496.9	9.0990
130	11	0.798	4.02	-0.00	351.1	10.8149	1006.0	30.5	496.6	9.0965
131	1	0.799	4.06	-0.00	112.7	3.4319	320.9	8.9	480.2	2.7643
131	3	0.799	-3.07	-0.00	112.1	3.4171	320.5	9.1	479.6	2.8042
131	4	0.795	-2.08	-0.00	112.7	3.4935	320.9	9.2	479.3	2.8208
131	5	0.800	-1.55	-0.00	112.4	3.3777	320.9	9.3	479.2	2.8520
131	6	0.797	-0.55	-0.00	113.0	3.4077	321.4	9.3	479.1	2.8463
131	7	0.799	0.45	-0.00	112.4	3.3583	320.9	9.4	479.2	2.8566
131	8	0.801	0.98	-0.00	113.0	3.3519	321.8	9.3	479.1	2.8420
131	9	0.796	1.30	-0.00	113.0	3.3998	321.8	9.4	479.3	2.8604
131	10	0.801	3.02	-0.00	113.0	3.3837	321.8	9.4	479.3	2.8655
131	11	0.798	4.03	-0.00	113.0	3.3991	321.8	9.4	479.3	2.8655
132	3	1.245	4.07	-0.00	243.6	8.360	697.0	20.3	490.9	6.1032
132	4	1.254	-3.09	-0.00	242.9	8.7919	695.7	20.1	490.0	6.1320
132	5	1.251	-2.08	-0.00	241.6	8.7643	696.1	20.3	491.1	6.1138
132	6	1.254	-1.56	-0.00	242.3	8.6852	699.8	20.4	491.1	6.1403
132	7	1.255	-0.43	-0.00	240.7	8.6356	696.1	20.0	491.1	6.1078
132	8	1.255	0.43	-0.00	240.9	8.7690	697.9	20.2	491.0	6.1057
132	9	1.255	0.98	-0.00	238.7	8.6918	690.6	19.6	491.0	6.0891
132	10	1.251	2.05	-0.00	240.4	8.6493	696.4	20.9	491.1	6.0812
132	11	1.252	4.08	-0.00	239.4	8.6416	694.4	19.9	491.1	6.0516
133	1	1.257	4.18	-0.00	122.7	3.765	352.1	10.4	482.0	3.360
133	2	1.254	-3.10	-0.00	122.4	3.755	352.1	10.5	482.0	3.3505
133	3	1.255	-2.10	-0.00	122.3	3.792	351.6	10.5	481.8	3.3491
133	4	1.254	-1.56	-0.00	122.1	3.835	352.1	10.6	481.0	3.3565
133	5	1.254	-0.45	-0.00	122.7	3.8064	351.2	10.4	482.0	3.3499
133	6	1.255	0.45	-0.00	122.4	3.864	351.6	10.4	482.0	3.3512
133	7	1.255	1.01	-0.00	122.7	3.858	351.6	10.4	482.0	3.3529
133	8	1.251	2.03	-0.00	122.3	3.834	351.1	10.4	482.0	3.3323
133	9	1.251	3.07	-0.00	122.2	3.860	351.1	10.4	482.0	3.3323
133	10	1.251	4.07	-0.00	122.2	3.860	351.1	10.4	482.0	3.3323

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
133	11	1.249	4.12	-0.00	123.1	2.3698	351.6	10.4	482.7	3.1218
134	1	1.250	4.10	-0.00	93.6	1.8023	268.0	7.7	481.1	2.3557
134	2	1.250	-2.13	-0.00	89.4	1.7165	258.7	7.5	480.6	2.2238
134	3	1.249	-1.07	-0.00	88.1	1.6881	253.8	7.3	480.6	2.2238
134	4	1.251	-0.56	-0.00	88.1	1.6903	252.9	7.3	480.6	2.2124
134	5	1.251	-0.05	-0.00	88.1	1.6743	252.5	7.2	480.6	2.2104
134	6	1.250	0.45	-0.00	87.8	1.6849	252.5	7.2	480.8	2.2124
134	7	1.252	1.01	-0.00	88.1	1.6743	252.5	7.2	480.8	2.2124
134	8	1.249	2.03	-0.00	88.1	1.6875	252.5	7.2	480.8	2.2124
134	9	1.250	3.10	-0.00	87.8	1.6780	252.5	7.2	480.9	2.2124
134	10	1.250	4.12	-0.00	87.8	1.6768	252.5	7.2	480.9	2.2124
134	11	1.250	4.12	-0.00	87.8	1.6768	252.5	7.2	480.9	2.2124
136	2	1.249	4.16	-0.00	243.7	4.8030	698.0	20.4	492.1	6.1339
136	3	1.251	-2.10	-0.00	243.3	4.7519	697.5	19.9	491.0	6.1077
136	4	1.249	-1.57	-0.00	244.6	4.7593	699.3	19.9	490.0	6.0665
136	5	1.251	-0.55	-0.00	244.3	4.7203	698.4	20.1	489.4	6.1077
136	6	1.250	0.46	-0.00	244.3	4.7006	699.3	20.6	488.0	6.1077
136	7	1.250	1.00	-0.00	243.9	4.8106	699.3	20.0	488.0	6.1077
136	8	1.249	2.06	-0.00	243.9	4.7930	699.3	20.0	487.9	6.1077
136	9	1.249	3.19	-0.00	244.0	4.6938	699.3	20.8	486.6	6.1077
136	10	1.249	4.15	-0.00	222.5	3.844	349.8	10.4	477.4	3.1317
137	1	1.251	-2.13	-0.00	122.5	3.3908	350.8	10.5	477.4	3.1462
137	2	1.251	-1.09	-0.00	122.5	3.5193	350.3	10.5	476.8	3.1586
137	3	1.251	-0.57	-0.00	122.3	3.4993	350.4	10.5	476.8	3.1586
137	4	1.251	-0.04	-0.00	122.3	3.5223	349.9	10.5	476.8	3.1527
137	5	1.250	0.47	-0.00	122.2	3.6298	349.5	10.5	476.8	3.1601
137	6	1.250	1.02	-0.00	122.2	3.7219	351.7	10.5	476.8	3.1705
137	7	1.252	2.03	-0.00	122.3	3.8763	351.0	10.5	475.5	3.1659
137	8	1.251	3.18	-0.00	122.3	3.944	351.1	10.4	475.5	3.1459
137	9	1.251	4.18	-0.00	94.6	2.238	269.3	8.0	474.5	2.1642
138	1	1.252	-2.15	-0.00	89.1	1.7178	254.4	7.7	473.3	2.2986
138	2	1.250	-1.07	-0.00	89.1	1.7159	254.4	7.6	473.3	2.2986
138	3	1.249	-0.54	-0.00	89.1	1.6947	255.5	7.5	472.2	2.2907
138	4	1.251	-0.04	-0.00	88.7	1.6980	255.1	7.4	472.2	2.2907
138	5	1.254	0.47	-0.00	88.7	1.6880	255.0	7.4	472.2	2.2907
138	6	1.252	1.01	-0.00	87.7	1.6932	254.9	7.3	472.2	2.2907

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
138	8	1.252	3.07	-0.00	87.5	1.6861	250.3	7.4	472.4	2.2434
138	9	1.251	3.15	-0.00	87.5	1.6799	249.9	7.4	472.4	2.2463
138	10	1.249	4.20	-0.00	87.8	1.6809	250.3	7.4	472.3	2.2437
140	3	1.102	-4.12	0.00	276.0	5.9384	782.8	23.9	487.6	7.0719
140	4	1.103	-2.16	-0.00	275.0	5.8738	780.2	23.5	487.4	7.0027
140	5	1.100	-1.06	-0.00	275.0	5.8576	781.1	23.5	487.3	7.0127
140	6	1.1098	-0.59	-0.00	274.0	5.8071	780.6	23.3	487.3	6.9738
140	7	1.1098	-0.44	-0.00	273.4	5.8459	779.6	23.7	487.3	6.9505
140	8	1.1099	0.49	-0.00	273.4	5.9193	780.6	23.6	487.1	7.0169
140	10	1.1098	2.08	-0.00	272.2	5.8440	779.8	23.0	486.7	6.9351
140	11	1.1099	3.10	-0.00	272.2	5.8440	779.8	23.0	486.7	6.9351
140	12	1.102	4.13	-0.00	272.2	5.8882	779.3	23.1	486.4	6.9494
143	1	1.000	4.10	0.00	295.4	6.8975	839.7	45.3	489.5	7.5344
143	2	1.000	-2.11	-0.00	295.4	6.8528	840.2	45.3	488.9	7.5360
143	3	0.997	-1.05	-0.00	295.4	7.0209	840.0	45.3	488.6	7.5305
143	4	0.999	-0.57	-0.00	294.8	6.9456	842.0	44.9	488.3	7.5333
143	5	0.999	-0.46	-0.00	294.4	6.9391	842.0	44.7	488.0	7.5313
143	6	1.000	0.46	-0.00	293.5	6.9523	838.0	44.6	487.7	7.5363
143	7	0.999	0.93	-0.00	293.4	6.9568	838.0	44.4	487.6	7.5333
143	8	1.000	2.11	-0.00	293.4	6.9988	842.3	44.0	487.5	7.5377
143	9	1.000	3.11	-0.00	293.4	6.8213	842.3	44.0	487.5	7.5377
144	1	1.002	-4.14	0.00	172.0	4.0823	487.7	14.4	478.9	4.3595
144	2	0.999	-2.16	-0.00	166.5	3.9277	473.9	14.3	477.5	4.2755
144	3	1.000	-1.06	-0.00	166.5	3.9451	473.0	14.4	477.1	4.3346
144	4	1.000	-0.58	-0.00	167.5	3.8982	477.0	14.5	476.9	4.2852
144	5	0.999	-0.42	-0.00	165.8	3.9057	471.2	14.3	476.5	4.3028
144	6	0.999	0.42	-0.00	165.3	3.9978	471.5	14.4	476.3	4.3114
144	7	0.998	1.02	-0.00	166.2	3.9086	472.5	14.4	476.3	4.3128
144	8	1.000	2.16	-0.00	166.2	3.8976	472.5	14.4	476.2	4.3308
144	9	1.000	3.16	-0.00	166.2	3.8976	472.5	14.4	476.2	4.3308
144	10	1.000	4.16	-0.00	166.2	3.8976	472.5	14.4	476.2	4.3308
145	1	0.999	-4.13	0.00	107.5	2.5047	305.8	9.2	472.0	2.7808
145	2	1.001	-2.13	-0.00	106.6	2.4679	303.2	9.3	471.7	2.7741
145	3	0.997	-1.06	-0.00	106.6	2.4677	303.2	9.2	471.5	2.7663
145	4	1.003	-0.57	-0.00	105.9	2.4580	301.8	9.2	471.1	2.7603
145	5	0.994	-0.47	-0.00	105.9	2.4691	301.1	9.2	471.1	2.7630

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TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _C	α	φ	P _S	CRT	P _L	ΔP _L	T _L	W _a
145	7	0.997	1.04	-0.00	105.9	2.4617	300.5	9.2	470.8	2.7594
145	8	1.000	2.06	-0.00	105.9	2.4550	300.9	9.3	470.7	2.7714
145	10	1.001	3.13	-0.00	105.9	2.4489	301.4	9.3	470.6	2.7739
			4.18	-0.00	105.9	2.4489	301.4	9.4	470.6	2.7835
147	3	0.898	-4.07	0.00	322.7	8.6245	916.2	28.6	488.0	8.3697
147	4	0.896	-2.09	-0.00	320.4	8.5218	912.6	28.5	489.0	8.3304
147	5	0.898	-1.06	-0.00	320.4	8.4347	912.2	28.4	489.0	8.3303
147	6	0.899	-0.56	-0.00	317.8	8.5417	914.8	27.7	491.3	8.3145
147	8	0.898	-0.45	-0.00	317.7	8.4423	916.2	27.2	491.9	8.3224
147	9	0.897	1.00	-0.00	316.6	8.3860	915.3	27.1	492.6	8.3102
147	10	0.897	2.06	-0.00	316.9	8.3486	917.1	27.3	492.0	8.3133
147	11	0.897	3.08	-0.00	316.9	8.4811	908.6	27.2	493.3	8.3177
147	12	0.896	4.13	-0.00	317.8	8.4557	916.2	27.7	494.1	8.3309
148	1	0.899	-4.11	-0.00	106.6	7.7463	303.1	8.9	478.7	2.7033
148	2	0.899	-2.10	-0.00	105.3	7.7493	301.8	8.9	478.3	2.6983
148	3	0.900	-1.56	-0.00	105.0	7.7430	300.5	8.9	478.0	2.6924
148	4	0.898	-0.56	-0.00	105.0	7.7297	300.0	9.0	478.2	2.6974
148	5	0.899	0.47	-0.00	105.0	7.7382	300.0	9.0	478.1	2.6909
148	6	0.898	0.48	-0.00	105.3	7.7501	300.9	9.0	478.1	2.6928
148	7	0.901	1.05	-0.00	106.6	7.7521	303.1	9.0	479.0	2.6720
148	8	0.901	2.05	-0.00	106.0	7.7511	301.8	9.0	478.7	2.6720
148	9	0.901	3.14	-0.00	107.7	7.7510	305.4	9.0	478.7	2.6428
148	10	0.902	4.14	-0.00	104.4	7.7096	298.3	8.7	478.0	2.6428
149	1	0.902	-4.12	-0.00	89.2	2.9615	253.4	7.5	477.4	2.2640
149	2	0.900	-2.10	-0.00	88.5	2.8445	253.4	7.6	477.4	2.2737
149	3	0.903	-1.07	-0.00	88.5	2.8319	253.4	7.7	477.4	2.2684
149	4	0.901	-0.56	-0.00	88.5	2.7829	253.4	7.6	477.5	2.2734
149	5	0.901	0.47	-0.00	88.8	2.8749	253.4	7.7	477.6	2.2654
149	6	0.899	0.48	-0.00	88.8	2.8717	253.4	7.7	477.9	2.2625
149	7	0.900	1.05	-0.00	88.5	2.6044	253.4	7.5	478.0	2.2624
149	8	0.901	2.05	-0.00	89.5	2.5064	253.4	7.6	478.1	2.2627
149	9	0.899	3.16	-0.00	89.2	2.5001	254.8	7.5	478.2	2.2709
150	1	0.799	-4.06	0.00	348.9	10.8547	1006.9	30.7	499.6	8.9698
150	2	0.800	-2.08	-0.00	348.6	10.7098	1006.9	30.6	500.2	8.9586
150	3	0.799	-1.05	-0.00	349.6	10.6556	1007.8	30.7	500.5	8.9373

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _C	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
150	4	0.799	-0.56	-0.00	351.2	10.8781	1006.9	31.2	502.8	9.0137
150	5	0.800	-0.03	-0.00	353.5	10.8443	1014.4	31.1	503.4	9.0360
150	6	0.800	0.46	-0.00	351.9	10.7122	1006.4	31.1	503.4	8.9974
150	8	0.799	1.03	-0.00	354.5	10.6639	1006.1	30.6	503.7	8.9449
150	9	0.799	3.09	-0.00	349.6	10.0791	998.9	29.1	502.8	8.6662
150	10	0.799	4.10	-0.00	350.9	10.7451	1004.2	30.9	503.4	8.6954
151	1	0.802	4.09	-0.00	113.4	3.952	320.0	3.0	486.2	2.8159
151	2	0.801	-2.12	-0.00	113.1	3.436	322.4	9.0	486.8	2.7763
151	3	0.802	-1.06	-0.00	113.8	3.496	321.9	9.1	485.6	2.7939
151	4	0.800	-1.55	-0.00	112.8	3.386	320.9	9.3	485.5	2.8164
151	5	0.802	-0.01	-0.00	112.8	3.386	320.9	9.1	485.5	2.8164
151	6	0.802	0.46	-0.00	112.8	3.386	320.9	9.0	485.5	2.7704
151	7	0.802	1.01	-0.00	113.1	3.382	321.4	9.1	485.0	2.7914
151	8	0.802	3.08	-0.00	112.5	3.357	319.6	9.1	484.9	2.7886
151	9	0.802	4.12	-0.00	112.5	3.357	319.6	9.1	484.9	2.7886
152	1	0.803	4.08	-0.00	78.5	2.306	221.3	6.3	481.4	1.8984
152	2	0.803	-2.09	-0.00	78.1	2.319	223.6	6.6	481.2	1.9425
152	3	0.802	-1.06	-0.00	78.5	2.313	223.7	6.2	481.9	1.9359
152	4	0.802	-0.55	-0.00	78.8	2.333	222.7	6.4	480.9	1.9501
152	5	0.802	0.47	-0.00	78.5	2.314	222.9	6.4	480.9	1.9420
152	6	0.801	1.02	-0.00	77.8	2.282	220.9	6.6	480.8	1.9225
152	7	0.803	3.02	-0.00	77.8	2.280	220.5	6.3	480.9	1.9253
152	8	0.803	4.12	-0.00	77.8	2.275	220.5	6.2	480.9	1.9102
152	9	0.803	4.12	-0.00	77.8	2.284	220.5	6.2	481.0	1.9102
152	10	0.803	4.12	-0.00	77.8	2.284	220.5	6.2	481.0	1.9102
155	1	0.399	-4.01	-0.00	373.9	37.4678	1066.4	2.9	502.5	9.5202
155	2	0.400	-2.04	-0.00	375.2	36.8186	1077.1	3.1	503.8	9.5346
155	3	0.403	-1.05	-0.00	376.8	36.762	1078.2	3.3	504.0	9.5473
155	4	0.402	-0.55	-0.00	377.8	36.826	1078.0	3.3	504.0	9.5473
155	5	0.402	0.45	-0.00	378.1	37.566	1082.9	3.0	504.4	9.5403
155	6	0.403	1.01	-0.00	374.6	36.991	1077.5	2.8	504.4	9.5604
155	7	0.403	3.01	-0.00	372.6	36.250	1077.0	2.6	504.4	9.5124
155	8	0.400	4.04	-0.00	377.9	38.505	1077.9	3.2	504.4	9.5124
155	9	0.407	-0.00	-0.00	374.7	37.349	1077.2	3.2	504.4	9.5124
155	10	0.407	-0.00	-0.00	374.7	37.349	1077.2	3.2	504.4	9.5124
157	3	1.251	-4.09	0.00	240.6	4.7589	694.6	21.2	492.9	6.2321

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
157	4	1.252	-2.107	-0.00	238.9	4.6966	693.3	21.2	492.6	6.2106
157	5	1.252	-1.054	-0.00	239.6	4.6900	695.0	20.6	492.4	6.1422
157	6	1.252	-0.047	-0.00	239.3	4.6685	695.5	20.9	492.1	6.1561
157	8	1.252	0.047	-0.00	239.9	4.6487	694.6	20.6	492.1	6.1863
157	10	1.252	0.098	-0.00	238.6	4.6228	695.4	20.6	491.7	6.1658
157	11	1.251	3.04	-0.00	239.3	4.5722	696.1	21.0	491.4	6.2168
157	12	1.250	4.10	-0.01	239.6	4.6850	700.8	20.2	491.4	6.2271
158	1	1.253	12	0.00	120.0	3.366	355.8	10.8	482.9	3.9804
158	2	1.253	-2.106	-0.00	118.1	3.3299	351.4	10.5	482.6	3.9053
158	3	1.253	-1.054	-0.00	118.4	3.3129	350.6	10.2	482.4	3.9053
158	4	1.253	-0.047	-0.00	118.4	3.3085	349.0	10.6	481.8	3.9254
158	5	1.253	0.047	-0.00	118.8	3.3183	351.0	10.7	481.6	3.9365
158	6	1.252	0.050	-0.00	118.8	3.3201	350.5	10.7	481.4	3.9653
158	7	1.252	1.028	-0.00	119.1	3.3257	350.5	10.7	481.3	3.9765
158	8	1.250	3.117	-0.00	119.4	3.3197	351.4	10.6	481.2	3.9854
158	9	1.250	4.17	-0.00	115.1	3.3021	351.8	10.6	481.1	3.9854
159	1	1.252	3	0.00	87.0	1.6634	262.0	7.8	479.2	2.3381
159	2	1.252	-2.111	-0.00	84.4	1.6022	253.9	7.7	479.6	2.3599
159	3	1.252	-1.065	-0.00	84.8	1.6082	254.8	7.7	478.6	2.3599
159	4	1.252	-0.053	-0.00	83.8	1.5956	251.4	7.5	478.3	2.3594
159	5	1.251	0.049	-0.00	83.8	1.5964	251.4	7.6	478.2	2.3629
159	6	1.252	0.049	-0.00	83.4	1.5966	251.7	7.6	478.0	2.3689
159	7	1.252	1.008	-0.00	84.7	1.6153	253.6	7.7	477.9	2.3889
159	8	1.252	3.117	-0.00	84.1	1.6039	253.2	7.7	477.9	2.3889
159	9	1.251	4.17	-0.00	84.4	1.6102	253.2	7.7	477.7	2.3861
159	10	1.251	4.17	-0.00	84.4	1.6102	253.2	7.6	477.7	2.3795
163	3	1.098	0.07	0.00	78.6	5.9446	786.8	4.1	492.0	7.0752
163	4	1.102	-2.106	-0.00	77.5	5.8177	783.2	3.5	492.0	6.9220
163	5	1.103	-1.056	-0.00	77.5	5.7493	783.2	3.2	491.4	6.9424
163	6	1.102	-0.045	-0.00	77.5	5.7073	781.9	3.6	491.4	6.8125
163	7	1.101	0.045	-0.00	77.5	5.9660	781.9	3.5	491.2	6.9785
163	8	1.101	0.098	-0.00	77.1	5.8737	779.2	3.5	490.6	6.8532
163	9	1.101	0.098	-0.00	77.1	5.7512	778.0	3.7	490.6	6.8532
163	10	1.098	2.34	-0.00	76.9	5.7202	779.2	3.2	490.5	6.8626
163	11	1.098	4.17	-0.00	69.9	5.6866	775.5	2.8	490.5	6.8626

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
164	1	1.0001	-4.059	0.00	294.5	7.0069	846.4	25.0	491.7	7.5209
164	2	0.9999	-1.065	-0.00	292.6	6.6709	847.3	25.0	491.5	7.4978
164	3	1.0001	-0.555	-0.00	291.3	6.7932	844.4	24.4	491.3	7.4556
164	4	1.0001	-0.46	-0.00	291.0	6.7319	844.6	24.4	491.1	7.4506
164	5	1.0002	0.983	-0.00	294.8	7.0218	845.5	25.5	490.9	7.4513
164	6	1.0007	3.042	-0.00	291.9	6.9065	844.4	24.4	490.6	7.4531
164	7	0.9998	4.12	-0.00	290.6	6.8452	845.0	24.4	490.3	7.4450
164	8	0.9998	4.12	-0.00	290.6	6.8452	845.5	24.4	490.3	7.4450
165	1	1.0000	1.0	0.00	165.9	3.7827	472.1	13.0	480.2	4.2026
165	2	0.9999	1.1	0.00	165.9	3.7970	473.4	13.0	479.4	4.2157
165	3	1.0002	-1.037	-0.00	165.9	3.7812	472.1	13.0	479.4	4.1967
165	4	1.0000	-0.573	-0.00	165.9	3.7793	472.1	13.0	479.4	4.1996
165	5	1.0007	0.046	-0.00	166.6	3.9740	473.0	14.0	479.5	4.2761
165	6	1.0000	1.004	-0.00	166.6	3.9689	472.1	14.0	479.4	4.2399
165	7	0.9998	3.07	-0.00	167.9	3.9841	473.0	14.0	479.4	4.2555
165	8	0.9999	4.11	-0.00	168.2	3.9870	473.0	14.0	479.4	4.2504
165	9	0.9999	4.11	-0.00	168.2	3.9870	473.0	14.0	479.4	4.2504
166	1	1.0002	0	0.00	106.6	2.4945	299.1	8.0	474.5	2.6032
166	2	0.9998	-1.125	-0.00	106.6	2.5117	299.1	8.0	474.5	2.6032
166	3	1.0000	-0.556	-0.00	106.6	2.5098	298.6	8.0	474.2	2.6072
166	4	0.9999	-0.027	-0.00	106.6	2.5057	299.6	8.0	474.0	2.6023
166	5	0.9998	0.498	-0.00	106.6	2.4985	300.0	8.0	473.9	2.6023
166	6	0.9999	0.047	-0.00	106.6	2.4992	300.0	8.0	473.8	2.6023
166	7	0.9999	0.072	-0.00	106.6	2.4871	302.5	9.0	475.3	2.6055
166	8	1.0000	0.12	-0.00	106.6	2.4773	300.0	9.0	475.3	2.6112
167	1	0.902	0.5	0.00	317.6	8.3123	913.1	28.0	490.6	8.2754
167	2	0.901	0.6	0.00	315.5	8.1943	911.7	27.7	490.2	8.1949
167	3	0.901	0.53	0.00	316.2	8.1659	917.0	27.7	491.1	8.1657
167	4	0.899	-0.027	0.00	316.9	8.4292	921.0	27.7	491.0	8.1948
167	5	0.900	1.002	0.00	314.6	8.2186	911.1	26.5	491.0	8.1948
167	6	0.900	1.002	0.00	315.3	8.3569	911.1	26.5	491.0	8.1948
167	7	0.896	4.06	0.00	315.3	8.3569	913.3	26.6	491.0	8.1948
167	8	0.896	4.06	0.00	315.3	8.3569	913.3	26.6	491.0	8.1948
167	9	0.896	4.06	0.00	315.3	8.3569	913.3	26.6	491.0	8.1948
167	10	0.896	4.06	0.00	315.3	8.3569	913.3	26.6	491.0	8.1948

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
168	1	0.900	-4.10	-0.00	103.7	2.6403	298.5	8.4	478.6	2.6027
168	2	0.900	-2.08	-0.00	103.7	2.6438	300.0	8.5	477.3	2.6197
168	3	0.899	-1.06	-0.00	104.7	2.6790	300.0	8.6	477.9	2.6345
168	4	0.900	-0.55	-0.00	105.0	2.6773	300.0	8.7	476.6	2.6520
168	5	0.902	-0.46	-0.00	105.0	2.6932	300.0	8.7	476.6	2.6611
168	6	0.903	1.00	-0.00	105.0	2.6946	300.0	8.8	476.6	2.6715
168	7	0.901	3.02	-0.00	105.3	2.6953	300.0	8.9	476.7	2.6871
168	8	0.900	4.08	-0.00	105.7	2.7330	301.4	8.9	476.8	2.6969
168	10	0.900		-0.00	105.7	2.7364	301.4	9.0	476.8	2.7059
169	1	0.900	-4.08	-0.00	87.5	2.2674	248.0	7.4	476.0	2.276
169	2	0.901	-2.08	-0.00	87.5	2.2698	248.5	7.5	476.1	2.2850
169	3	0.900	-1.55	-0.00	87.5	2.2702	248.5	7.5	476.4	2.2933
169	4	0.900	-0.53	-0.00	87.5	2.2712	249.3	7.5	476.6	2.3027
169	5	0.900	0.48	-0.00	87.5	2.2723	249.3	7.5	476.8	2.3115
169	6	0.899	2.06	-0.00	87.5	2.2751	249.3	7.5	477.0	2.3204
169	7	0.898	3.10	-0.00	88.2	2.2779	249.8	7.5	477.1	2.3291
169	8	0.898	4.12	-0.00	88.2	2.2758	250.2	7.5	477.3	2.3376
169	10	0.899		-0.00	88.2	2.2758	250.2	7.5	477.3	2.3462
171	4	0.798	-2.12	-0.00	349.6	10.5039	1006.0	30.8	498.7	8.9898
171	5	0.798	-1.04	-0.00	345.7	10.5955	997.5	30.5	499.1	8.9136
171	6	0.799	-0.56	-0.00	347.6	10.6549	1010.0	30.7	499.6	8.9136
171	7	0.800	-0.42	-0.00	348.0	10.5526	1006.7	31.0	499.7	8.9011
171	8	0.799	0.97	-0.00	349.6	10.7906	1000.7	31.2	499.8	8.9948
171	9	0.801	1.99	-0.00	351.6	10.6228	1007.8	31.0	500.1	8.9084
171	10	0.805	3.01	-0.00	348.0	10.8864	994.9	30.8	499.9	8.9349
171	11	0.798	4.05	-0.00	352.5	10.8795	1008.7	31.3	500.1	8.9066
171	12	0.798		-0.00	352.5	10.8795	1008.7	31.3	500.1	8.9066
172	1	0.802	-4.09	-0.00	113.1	3.3764	323.5	9.5	483.8	2.8570
172	2	0.799	-2.11	-0.00	114.8	3.4263	326.7	9.5	483.9	2.8528
172	3	0.797	-1.06	-0.00	112.5	3.3959	322.1	9.5	482.9	2.8343
172	4	0.797	-0.55	-0.00	112.8	3.3480	320.4	9.5	482.6	2.8374
172	5	0.803	0.52	-0.00	111.8	3.3405	317.4	9.4	482.5	2.8128
172	6	0.802	1.94	-0.00	111.5	3.3119	316.9	9.4	482.2	2.8190
172	7	0.797	3.01	-0.00	111.1	3.3710	317.1	9.4	482.1	2.7970
172	8	0.802	4.06	-0.00	111.1	3.3568	316.4	9.4	482.1	2.7975
172	9	0.802		-0.00	111.1	3.3568	316.4	9.4	482.1	2.7975
172	10	0.798		-0.00	111.1	3.3568	316.4	9.4	482.1	2.7975

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
173	1	0.797	-4.09	-0.00	76.9	2.3094	219.6	5.6	480.3	1.8266
173	2	0.802	-2.08	-0.00	77.5	2.3353	220.9	5.9	479.8	1.8795
173	3	0.800	-1.59	-0.00	77.5	2.3219	220.5	5.8	479.7	1.8574
173	4	0.797	-0.05	-0.00	77.2	2.3114	220.0	6.1	479.8	1.8807
173	5	0.798	0.46	-0.00	77.5	2.2975	220.0	6.0	479.8	1.8807
173	6	0.800	0.96	-0.00	77.5	2.3075	220.0	5.8	479.8	1.8503
173	7	0.796	2.01	-0.00	77.5	2.3026	220.5	5.7	480.0	1.8413
173	8	0.796	3.08	-0.00	77.5	2.3079	220.0	6.0	479.9	1.8905
173	9	0.800	4.07	-0.00	77.5	2.3092	220.0	6.1	479.9	1.9056
173	10	0.800		-0.00	77.5	2.3092	220.0	6.1	479.9	1.9056
175	1	0.396	-3.99	-0.00	374.2	37.2717	1072.2	3.0	502.9	9.5755
175	2	0.397	-2.07	-0.00	374.0	36.7183	1107.2	3.0	503.2	9.5648
175	3	0.397	-1.58	-0.00	371.0	36.8910	1066.0	2.7	503.1	9.4487
175	4	0.398	-0.58	-0.00	368.1	36.9285	1068.2	2.2	503.0	9.4169
175	5	0.400	-0.05	-0.00	372.6	36.8815	1082.0	2.6	502.9	9.4649
175	6	0.398	0.42	-0.00	376.8	36.5815	1058.0	3.0	502.3	9.6310
175	7	0.396	0.99	-0.00	369.5	36.5391	1058.0	2.2	502.5	9.5891
175	8	0.396	2.00	-0.00	372.0	36.9440	1066.6	2.8	502.6	9.5130
175	9	0.397	3.03	-0.00	372.0	36.9440	1066.6	2.8	502.6	9.5130
175	10	0.397	4.01	-0.00	372.0	36.9440	1066.6	2.8	502.6	9.5130
178	2	0.800	-4.03	0.00	336.4	10.3094	954.1	4.0	497.0	8.5709
178	3	0.800	-2.10	0.00	351.1	10.0077	942.0	3.4	496.9	8.4671
178	4	0.798	-1.45	0.00	324.1	10.1739	915.0	2.8	495.6	8.2942
178	5	0.801	-1.54	0.00	334.1	10.4593	952.5	3.4	496.6	8.5943
178	6	0.800	-0.54	0.00	334.1	10.2144	955.5	2.4	496.1	8.5715
178	7	0.798	0.45	0.00	335.1	10.1988	956.4	2.9	497.4	8.5307
178	8	0.800	0.94	0.00	332.5	10.2469	948.5	1.2	497.5	8.5307
178	9	0.798	2.00	0.00	335.4	10.3469	959.0	2.9	497.9	8.5307
178	10	0.801	3.03	0.00	334.3	10.3792	959.0	2.9	498.0	8.5307
178	11	0.796	4.03	-0.00	333.3	10.3663	949.0	2.9	498.0	8.5307
178	12	0.796		-0.00	333.3	10.3663	949.0	2.9	498.0	8.5307
179	1	0.800	-4.03	0.00	217.5	6.5854	615.8	0.2	490.1	5.4353
179	2	0.800	-3.08	0.00	217.8	6.5597	615.2	0.1	490.1	5.4353
179	3	0.799	-2.06	0.00	217.1	6.5413	622.5	0.1	490.1	5.4376
179	4	0.800	-1.54	0.00	219.1	6.8768	622.5	0.0	490.0	5.5179
179	5	0.795	-0.54	0.00	219.1	6.7748	622.5	0.0	490.0	5.4851
179	6	0.797	0.47	-0.00	218.1	6.7094	622.5	0.0	490.0	5.4792
179	7	0.797	0.96	-0.00	218.1	6.6426	622.5	0.0	490.0	5.4674
179	8	0.797	1.99	-0.00	217.8	6.6426	622.5	0.0	490.0	5.4674
179	9	0.797	3.03	-0.00	217.8	6.6426	622.5	0.0	490.0	5.4674
179	10	0.797	4.03	-0.00	217.8	6.6426	622.5	0.0	490.0	5.4674

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
179	10	0.798	3.04	-0.00	218.1	6.6207	622.9	18.2	490.0	5.4764
179	11	0.800	4.03	-0.00	219.8	6.8008	622.1	18.4	490.1	5.5104
179	13	0.798	6.08	-0.00	219.8	6.7679	624.3	18.4	490.0	5.5164
180	1	0.798	8.13	-0.00	219.8	6.7699	626.5	18.4	490.1	5.5308
180	2	0.800	4.07	0.00	112.5	3.3996	315.8	9.3	482.4	2.8228
180	3	0.802	-2.07	0.00	112.9	3.4177	316.2	9.4	482.1	2.8166
180	4	0.798	-1.55	-0.00	113.2	3.3509	317.1	9.4	481.9	2.8105
180	5	0.800	-0.47	0.00	113.2	3.4266	317.5	9.4	481.6	2.8168
180	6	0.803	0.97	-0.00	113.2	3.4050	317.1	9.3	481.6	2.8237
180	7	0.801	0.01	0.00	113.5	3.4372	317.5	9.4	481.5	2.8236
180	8	0.801	3.03	-0.00	113.5	3.4333	317.1	9.4	481.6	2.8219
180	10	0.802	4.08	-0.00	113.5	3.4318	317.1	9.3	481.6	2.8119
181	1	0.800	4.05	0.00	79.8	2.3743	22.9	6.4	479.2	2.0752
181	2	0.798	-3.06	0.00	78.8	3.1955	21.8	6.6	479.1	2.0414
181	3	0.799	-2.10	0.00	78.5	3.1656	21.8	6.6	479.0	2.0227
181	4	0.799	-1.06	0.00	78.5	3.3159	21.8	6.6	479.0	2.0227
181	5	0.800	-0.54	0.00	78.5	3.3049	21.8	6.6	479.0	2.0227
181	6	0.803	-0.06	0.00	78.8	3.3062	21.8	6.6	479.0	2.0227
181	7	0.798	0.97	0.00	78.8	3.1422	21.8	6.6	479.0	2.0227
181	8	0.799	2.03	0.00	78.5	3.0625	21.8	6.6	479.0	2.0227
181	9	0.803	3.06	0.00	78.5	2.7750	21.8	6.6	479.0	2.0227
181	10	0.800	4.06	0.00	78.5	2.8800	21.8	6.6	479.0	2.0227
181	11	0.800	6.08	-0.00	78.5	3.0355	21.8	6.6	479.0	2.0227
181	13	0.798	8.14	0.00	78.5	3.3108	21.8	6.6	479.1	2.0227
183	3	0.398	4.04	0.00	372.8	9.1760	107.4	9.3	500.3	9.5769
183	4	0.399	-2.05	0.00	369.3	8.4814	107.6	9.3	500.0	9.5516
183	5	0.401	-1.05	0.00	369.3	8.8444	106.1	9.3	499.6	9.5196
183	6	0.401	-0.05	0.00	369.3	9.9544	106.6	9.3	499.2	9.5074
183	7	0.401	0.99	0.00	372.2	11.4769	107.5	9.3	499.1	9.5417
183	8	0.400	2.03	0.00	369.3	14.7029	106.5	9.3	498.5	9.5450
183	9	0.398	3.01	0.00	372.2	17.3579	107.5	9.3	498.5	9.5450
183	10	0.398	4.00	0.00	371.5	19.1618	106.8	9.3	497.8	9.5444
183	11	0.398	4.00	0.00	371.5	19.1618	106.8	9.3	497.8	9.5444
183	12	0.398	4.00	0.00	371.5	19.1618	106.8	9.3	497.8	9.5444
184	1	0.399	-4.00	0.00	70.6	6.6932	201.7	5.5	477.8	1.7237

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
184	2	0.400	-3.029	0.000	70.3	6.6685	201.7	5.4	476.6	1.7159
184	3	0.401	-2.066	0.000	70.3	6.6779	202.6	5.5	476.8	1.7295
184	4	0.399	-1.055	0.000	71.3	6.6791	203.6	5.5	476.8	1.7226
184	5	0.401	-0.044	0.000	70.9	6.6427	202.2	5.3	475.6	1.7044
184	6	0.399	0.045	0.000	71.3	6.7415	203.1	5.3	474.9	1.7147
184	7	0.401	1.093	0.000	71.3	6.6258	203.6	5.3	474.5	1.7132
184	8	0.400	2.098	0.000	70.9	6.6157	203.5	5.4	474.1	1.7232
184	10	0.400	3.098	0.000	71.6	6.7357	204.4	5.5	474.8	1.7480
184	11	0.399	6.055	0.000	71.6	6.7368	204.4	5.9	473.4	1.7480
184	12	0.399	8.055	0.000	71.6	6.7518	204.4	5.5	473.4	1.8091
184	13	0.399		0.000	71.6	6.7504	203.9	5.5	473.4	1.7520
187	1	0.902	4.06	-0.000	86.3	2.3070	252.5	6.9	476.6	2.1667
187	2	0.899	-3.050	-0.000	87.3	2.3336	249.1	6.7	476.4	2.1296
187	3	0.900	-2.105	-0.000	87.6	2.3524	249.1	6.7	475.3	2.1385
187	4	0.901	-1.056	-0.000	86.0	2.2553	249.1	6.6	474.7	2.1525
187	5	0.901	-0.047	-0.000	86.3	2.2855	250.0	6.9	474.3	2.1696
187	6	0.901	0.98	-0.000	88.0	2.2686	250.0	7.0	474.8	2.1587
187	7	0.901	1.99	-0.000	86.0	2.2568	249.6	6.7	473.3	2.2296
187	8	0.901	3.03	-0.000	87.6	2.2704	249.6	6.7	473.5	2.2469
187	9	0.901	4.069	-0.000	88.0	2.2590	250.0	7.7	473.3	2.2342
187	10	0.899	6.069	-0.000	88.3	2.2688	250.0	7.7	473.3	2.2342
187	11	0.900	8.17	-0.000	88.3	2.2629	251.3	7.2	473.3	2.2217
187	12	0.900		-0.000	88.3	2.2629	251.3	7.2	473.3	2.2217
187	13	0.900		-0.000	88.3	2.2629	251.3	7.2	473.3	2.2217
188	3	0.898	-4.07	0.000	109.6	2.8667	296.1	9.2	479.1	2.7123
188	4	0.898	-2.10	0.000	110.3	2.8620	296.5	9.4	477.5	2.6956
188	5	0.900	-1.07	0.000	110.3	2.8536	297.9	9.1	476.7	2.6997
188	6	0.900	-0.056	0.000	109.3	2.8111	296.5	9.1	476.2	2.6991
188	7	0.900	0.045	0.000	109.6	2.8290	296.5	9.3	474.7	2.7377
188	8	0.899	0.98	0.000	109.6	2.8270	297.0	9.2	474.5	2.7256
188	9	0.899	2.05	0.000	109.6	2.8186	297.1	9.5	474.1	2.7518
188	10	0.899	3.05	0.000	109.6	2.8142	297.1	9.5	473.6	2.7626
188	11	0.899	4.05	0.000	109.3	2.8142	296.1	9.5	473.6	2.7626
188	12	0.899		0.000	109.3	2.8142	296.1	9.5	473.6	2.7626
189	1	0.899	-4.07	0.000	160.8	4.1836	435.7	14.0	476.3	4.0922
189	2	0.902	-3.05	0.000	160.2	4.1382	434.8	14.0	476.2	4.0744
189	3	0.900	-2.07	0.000	159.8	4.1349	434.8	14.0	476.0	4.0600
189	4	0.900	-1.08	0.000	160.2	4.1333	434.8	14.0	475.9	4.0758
189	5	0.900	-0.056	0.000	159.8	4.1252	434.4	14.0	475.7	4.0746

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
189	6	0.900	-0.033	-0.000	157.69	4.1772	434.06	13.6	476.0	4.0047
189	7	0.900	0.492	-0.000	157.99	4.1617	433.08	13.5	475.4	3.9833
189	8	0.900	2.005	-0.000	158.29	4.1793	434.07	13.8	475.4	3.9980
189	10	0.899	3.005	-0.000	158.29	4.1664	435.28	13.7	475.1	4.0467
189	11	0.900	6.009	-0.000	157.99	4.1427	435.28	13.6	475.0	4.0275
189	13	0.899	8.015	-0.000	157.69	4.1494	433.39	13.6	474.9	4.0146
190	1	0.899	4.06	0.000	267.26	6.9921	77.87	5.1	483.2	6.8309
190	2	0.901	3.049	0.000	267.64	6.2086	756.99	2.3	482.7	6.7203
190	5	0.898	1.06	0.000	268.44	7.0832	768.99	3.9	484.4	6.7022
190	6	0.899	0.54	0.000	268.87	7.9852	751.83	3.9	484.3	6.9943
190	8	0.900	0.47	0.000	269.77	7.1098	767.12	3.5	483.6	6.9518
190	9	0.899	0.97	0.000	266.77	7.1633	757.10	2.3	483.5	6.9518
190	10	0.899	2.003	0.000	266.74	6.9968	758.99	2.4	482.7	7.0356
190	11	0.897	3.006	-0.000	266.44	6.9648	758.99	2.4	482.7	7.0356
190	13	0.897	4.011	-0.000	265.14	6.9054	758.99	2.4	482.7	7.0356
190	14	0.897	6.011	-0.000	265.14	6.8544	758.99	2.4	482.7	7.0356
190	15	0.898	8.014	-0.000	265.14	7.0806	752.2	2.4	482.2	6.9964
191	1	0.898	4.02	0.000	323.26	6.6612	922.0	2.9	486.2	8.5574
191	2	0.898	3.008	0.000	318.62	6.4301	913.60	2.9	485.7	8.5574
191	3	0.898	1.063	-0.000	317.89	5.496	914.91	2.9	485.7	8.5574
191	4	0.900	0.53	-0.000	318.29	5.130	918.05	2.9	485.6	8.5574
191	5	0.898	0.27	-0.000	319.59	5.336	918.52	2.9	485.5	8.5574
191	6	0.898	0.47	-0.000	319.59	5.416	920.27	2.9	485.4	8.5574
191	7	0.899	1.099	-0.000	319.25	6.004	922.07	2.9	486.6	8.5574
191	10	0.898	3.045	-0.000	322.1	6.5883	922.0	2.9	487.0	8.5574
191	11	0.898	4.005	0.000	453.68	13.21	1321.0	0.7	498.0	11.8677
192	4	0.898	2.003	0.000	472.88	12.7815	1355.2	1.1	499.1	12.1283
192	5	0.899	1.005	0.000	469.25	12.6315	1355.2	1.1	499.1	12.1283
192	6	0.897	0.97	0.000	468.55	12.7594	1354.2	1.1	499.0	12.0468
192	8	0.897	2.015	0.000	470.55	12.7164	1355.4	1.1	499.3	12.0944
192	9	0.902	4.009	-0.000	471.55	12.5526	1357.7	1.1	499.6	12.0986
192	10	0.902	6.009	-0.000	471.55	12.5526	1357.7	1.1	499.6	12.0986

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _C	α	Φ	P _S	CRT	P _L	ΔP _L	T _L	W _a
192	12	0.899	8.16	-0.00	472.8	12.5923	1364.3	41.9	502.1	12.1737
193	3	1.005	-4.08	0.00	514.2	12.0622	1480.6	46.0	504.7	13.2437
193	4	0.999	-2.04	0.00	518.2	12.2318	1493.3	46.4	505.5	13.3368
193	5	1.000	-1.04	0.00	517.5	12.3728	1493.0	46.2	505.9	13.3508
193	6	0.997	-0.00	0.00	517.5	12.3934	1495.7	45.5	506.1	13.3528
193	7	0.999	1.00	0.00	519.1	12.4466	1499.2	46.4	506.4	13.3483
193	8	1.000	4.08	0.00	518.8	12.4668	1499.4	46.2	506.8	13.3482
193	9	0.998	6.10	0.00	517.5	12.4384	1497.6	46.2	506.8	13.3505
193	10	0.998	8.22	-0.00	523.0	12.4459	1507.7	46.8	506.0	13.3429
193	11	0.999								
194	1	1.000	-4.02	0.00	294.3	7.0367	840.0	25.5	492.6	7.5217
194	2	0.998	-2.08	0.00	295.6	7.0176	843.9	25.5	492.2	7.5391
194	3	0.999	-1.04	0.00	295.6	6.9755	845.3	25.6	492.2	7.5629
194	4	0.999	0.99	0.00	295.1	6.9350	845.3	25.3	491.8	7.5353
194	5	0.998	2.05	0.00	296.6	6.9401	847.5	25.7	492.0	7.5783
194	6	0.998	4.02	-0.00	296.3	6.9866	847.7	25.5	492.2	7.5578
194	7	0.999	6.17	-0.00	299.8	7.0829	852.0	26.0	492.2	7.5667
194	8	1.001								
194	11	0.999								
195	1	1.000	4.06	0.00	166.0	3.9721	471.0	13.8	482.2	4.1843
195	2	0.996	-3.08	0.00	167.4	3.9949	475.2	13.5	482.2	4.1663
195	3	0.998	-2.07	0.00	166.7	3.9657	473.5	13.5	482.2	4.1589
195	4	1.001	-1.07	0.00	167.3	3.9807	475.5	13.5	482.2	4.1580
195	5	0.999	0.56	0.00	167.3	3.9719	474.4	13.4	482.2	4.1596
195	6	1.000	-0.46	0.00	167.7	3.9680	475.5	13.3	482.2	4.1286
195	7	1.000	0.93	0.00	167.3	3.9538	475.0	13.3	483.3	4.1421
195	8	1.000	3.06	0.00	168.0	3.9714	476.8	13.4	483.3	4.1392
195	9	1.000	4.08	0.00	168.6	3.9619	475.9	13.4	483.3	4.1661
195	10	0.999	6.10	0.00	168.6	3.9679	477.7	13.6	484.4	4.1681
195	11	0.998	8.21	0.00	168.6	3.9687	477.7	13.5	484.4	4.1790
195	12	0.998								
195	13	0.998								
196	1	1.001	-4.02	0.00	106.1	2.4714	300.3	8.4	480.1	2.6073
196	2	0.998	-3.08	0.00	105.8	2.4612	300.3	8.4	480.0	2.6076
196	3	0.999	-2.08	0.00	106.1	2.4608	299.4	8.4	480.0	2.6036
196	4	0.999	-1.04	0.00	105.5	2.4693	299.4	8.4	480.0	2.6034
196	5	1.001	0.56	0.00	105.8	2.4610	299.4	8.4	480.0	2.6031
196	6	1.001	-0.46	0.00	105.8	2.4673	299.4	8.4	480.0	2.6035
196	7	0.997	0.93	0.00	105.8	2.4716	298.8	8.4	480.0	2.6035

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
196	8	1.001	0.98	0.00	105.8	2.4648	299.8	8.4	480.4	2.5995
196	9	0.999	2.04	0.00	106.1	2.4745	299.8	8.4	480.6	2.5995
196	10	0.999	3.06	0.00	106.1	2.4825	300.7	8.4	480.6	2.6039
196	11	1.000	4.12	0.00	106.1	2.4851	300.7	8.4	480.7	2.6179
196	13	0.997	6.20	0.00	105.8	2.4713	300.3	8.4	480.8	2.6059
197	3	0.997	-4.05	-0.00	62.6	1.4266	178.4	5.1	479.8	1.5579
197	4	0.997	-3.09	-0.00	63.6	1.4333	178.8	5.0	478.0	1.5549
197	5	0.998	-2.05	-0.00	63.0	1.4227	178.8	4.9	478.0	1.5534
197	6	1.000	-1.05	-0.00	62.3	1.4079	178.8	5.0	477.6	1.5569
197	7	1.000	-0.01	-0.00	62.3	1.4055	178.4	5.0	477.9	1.5560
197	8	0.999	0.48	-0.00	62.6	1.4148	177.9	5.0	477.0	1.5516
197	9	0.999	0.99	-0.00	62.6	1.4136	178.8	5.0	477.6	1.5505
197	10	0.998	2.03	-0.00	62.6	1.4052	178.4	4.9	477.6	1.5588
197	11	0.998	3.09	-0.00	62.6	1.4030	178.8	4.9	477.6	1.5588
197	12	1.001	4.12	-0.00	62.6	1.4077	178.8	4.9	477.6	1.5408
197	13	0.998	6.22	0.00	62.6	1.4037	178.8	4.9	477.6	1.5408
197	14	0.998	8.22	0.00	62.6	1.4077	178.8	4.9	477.6	1.5411
197	15	0.999	8.22	0.00	62.6	1.4102	178.8	5.1	477.6	1.5566
199	1	1.098	-4.07	0.00	320.2	6.9493	916.3	28.0	496.4	8.2088
199	2	1.100	-2.02	0.00	320.2	6.8649	917.2	28.1	496.6	8.2266
199	3	1.098	-1.02	-0.00	321.8	6.8567	921.7	28.1	496.6	8.2427
199	4	1.100	0.98	-0.00	323.1	7.0501	923.6	28.1	497.2	8.3303
199	5	1.099	2.08	-0.00	321.9	7.0406	923.3	28.2	497.1	8.3585
199	6	1.101	4.03	-0.00	321.7	7.0277	923.5	28.2	497.1	8.3595
199	7	1.096	6.21	-0.00	321.1	7.0517	923.5	28.2	496.9	8.3609
199	8	1.097	8.21	-0.00	320.1	6.9823	920.8	28.2	496.8	8.3609
200	1	1.093	-4.03	-0.00	274.2	5.9891	783.9	24.3	493.2	7.0617
200	2	1.099	-2.10	0.00	273.5	5.8152	779.4	23.3	492.5	6.9815
200	3	1.096	-1.03	0.00	274.2	5.8046	782.1	23.3	492.5	6.9859
200	4	1.096	0.98	0.00	274.2	5.8083	782.1	23.3	492.8	6.9803
200	5	1.095	2.07	-0.00	272.5	5.8800	782.1	23.3	492.8	6.9890
200	6	1.100	4.07	-0.00	271.9	5.8312	782.1	23.3	492.8	6.9855
200	7	1.098	6.21	-0.00	271.6	5.9579	775.9	23.3	492.8	6.9897
200	8	1.099	8.20	-0.00	272.5	5.9261	783.9	23.3	492.3	6.9872
201	1	1.100	-4.05	0.00	111.5	2.3900	318.4	9.0	481.8	2.7731
201	2	1.098	-2.08	0.00	111.9	2.4027	319.3	8.8	481.3	2.7537

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
201	3	1.097	-1.055	0.00	111.5	2.3995	318.9	9.2	481.1	2.7979
201	4	1.100	-0.037	0.00	111.5	2.4005	316.0	9.2	481.1	2.7979
201	5	1.097	-0.037	0.00	111.5	2.4077	316.9	9.2	481.1	2.7979
201	6	1.099	0.499	-0.00	112.5	2.4163	319.8	9.1	480.9	2.7918
201	7	1.098	2.011	-0.00	112.2	2.4164	319.8	9.2	481.0	2.8063
201	8	1.100	3.071	-0.00	112.2	2.3986	320.8	9.2	481.0	2.8089
201	9	1.095	4.009	-0.00	112.2	2.3909	320.2	9.2	481.1	2.8100
203	5	1.249	-2.049	0.00	360.2	7.0625	1022.8	31.7	493.3	9.2083
203	6	1.248	-1.045	0.00	361.9	7.0504	1025.0	31.8	498.4	9.2174
203	7	1.250	-0.993	0.00	360.0	6.9497	1026.8	31.9	498.5	9.2339
203	8	1.249	2.009	0.00	361.0	7.0600	1027.5	32.0	498.7	9.2067
203	9	1.248	4.009	-0.00	361.5	7.0167	1029.0	32.1	498.9	9.2274
203	10	1.248	6.016	-0.00	361.6	7.0503	1031.7	32.1	498.8	9.2640
203	11	1.248	8.023	-0.00	360.9	7.1034	1033.7	31.7	499.8	9.2077
203	12	1.248		-0.00	360.9	7.0564	1032.1	31.7	499.1	9.2423
204	1	1.249	-4.06	0.00	249.1	4.9274	700.1	21.6	490.8	6.2587
204	2	1.250	-2.049	0.00	249.9	4.9106	703.2	21.1	490.7	6.3436
204	3	1.250	-1.056	0.00	245.9	4.8180	696.1	21.0	490.7	6.3216
204	4	1.250	-0.049	0.00	245.2	4.7664	697.0	20.9	490.8	6.2156
204	5	1.249	0.049	0.00	245.3	4.7364	698.3	20.8	490.9	6.2067
204	6	1.251	2.025	0.00	245.2	4.7282	697.4	20.5	490.9	6.1671
204	7	1.249	3.009	0.00	242.6	4.6789	688.1	21.3	490.7	6.1272
204	8	1.249	4.009	0.00	246.2	4.6376	699.2	21.3	490.7	6.2729
205	1	1.250	-4.08	0.00	204.7	3.9876	582.7	16.7	488.3	5.0896
205	2	1.251	-2.106	0.00	204.7	3.9725	582.7	16.9	488.0	5.0896
205	3	1.250	-1.064	0.00	205.7	3.9844	585.8	16.8	488.0	5.1159
205	4	1.250	-0.999	0.00	205.4	3.9684	583.5	16.8	488.0	5.1253
205	5	1.250	2.005	0.00	205.1	3.9518	584.6	16.6	488.0	5.1053
205	6	1.249	4.011	0.00	205.4	3.9364	584.0	16.7	488.0	5.1014
205	7	1.248	6.015	0.00	205.4	3.9415	585.8	16.7	488.0	5.1104
205	8	1.248	8.025	0.00	205.4	3.9221	584.5	16.7	488.0	5.1104
206	3	1.248	-4.06	0.00	122.7	2.3849	348.8	10.1	481.5	3.0692
206	4	1.250	-3.06	0.00	122.7	2.3747	348.8	10.0	480.6	3.0674
206	5	1.250	-2.009	0.00	122.1	2.3512	347.9	10.3	480.6	3.0996
206	6	1.250	-1.005	0.00	122.1	2.3417	347.9	10.5	479.6	3.1134

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Γ_L	M_C	α	Φ	P_s	GRT	P_L	ΔP_L	T_L	W_a
206	7	1.249	-0.56	0.00	122.1	2.3327	347.5	10.5	479.3	3.1384
206	8	1.250	-0.03	0.00	122.4	2.3255	347.9	10.5	479.3	3.1408
206	10	1.249	0.46	0.00	122.1	2.3278	348.8	10.7	479.2	3.1693
206	11	1.250	1.05	-0.00	121.7	2.3194	348.4	10.7	479.3	3.1716
206	12	1.249	3.09	0.00	121.7	2.3225	348.8	10.8	479.4	3.1876
206	13	1.250	4.12	-0.00	122.1	2.3305	348.8	10.9	479.4	3.1970
206	14	1.249	6.12	0.00	122.1	2.3332	348.8	10.9	479.5	3.1967
206	15	1.250	8.22	-0.00	122.1	2.3360	348.8	11.0	479.7	3.2053
207	1	1.250	4.06	0.00	85.8	1.6350	246.6	7.6	477.4	2.468
207	2	1.253	-3.08	0.00	86.4	1.6510	247.5	7.7	477.4	2.4578
207	3	1.251	-2.07	0.00	86.1	1.6507	247.0	7.7	477.4	2.4578
207	4	1.250	-1.07	0.00	86.4	1.6625	247.5	7.7	477.3	2.4654
207	5	1.251	-0.56	0.00	86.4	1.6656	247.5	7.7	477.3	2.4702
207	6	1.249	-0.01	0.00	86.4	1.6666	247.6	7.7	477.4	2.4735
207	7	1.250	0.46	0.00	86.1	1.6604	247.0	7.6	477.4	2.4735
207	8	1.249	0.99	0.00	86.1	1.6495	247.8	7.8	477.6	2.4720
207	10	1.250	3.09	-0.00	85.8	1.6381	248.3	7.8	477.7	2.4739
207	11	1.249	4.09	0.00	86.1	1.6377	248.3	7.8	477.7	2.4781
207	12	1.249	6.16	0.00	86.1	1.6377	248.3	7.8	477.7	2.4801
207	13	1.250	8.25	-0.00	86.4	1.6388	247.9	7.8	477.8	2.4804

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
210	3	1.249	-4.069	0.000	359.6	7.097	1035.7	31.0	493.0	9.3085
210	4	1.249	-1.044	-0.000	351.4	6.871	1037.1	30.6	490.4	9.3124
210	5	1.249	-0.961	-0.000	354.6	7.252	1033.8	31.7	488.9	9.3407
210	6	1.249	2.406	-0.000	357.9	7.067	1031.2	29.7	486.4	9.3077
210	7	1.248	6.124	0.000	350.4	6.771	1029.5	28.3	485.4	9.3002
210	8	1.248		0.000	349.4	6.702	1029.9	28.2	483.3	9.3002
211	1	1.250	-4.050	-0.000	206.7	4.062	589.6	17.5	472.0	5.3293
211	2	1.250	-1.052	-0.000	206.6	4.051	587.2	17.2	471.1	5.3273
211	3	1.250	-1.021	-0.000	206.5	4.307	585.0	17.9	470.4	5.3273
211	4	1.250	2.404	-0.000	206.5	4.205	586.6	17.9	470.4	5.3290
211	5	1.249	6.117	-0.000	207.2	4.016	587.6	18.1	469.6	5.3405
211	6	1.249		-0.000	207.2	4.016	586.6	18.1	469.6	5.3405
212	3	1.249	-4.067	0.000	354.4	7.047	1035.4	31.0	466.6	9.3507
212	4	1.249	-1.065	-0.000	344.1	6.825	1032.4	30.5	466.0	9.3107
212	5	1.249	-0.937	-0.000	345.5	7.202	1029.1	31.6	465.4	9.3455
212	6	1.249	2.403	-0.000	345.6	7.007	1027.4	29.7	464.4	9.3054
212	7	1.249	6.120	0.000	345.5	6.751	1025.1	28.1	463.3	9.3054
212	8	1.249		-0.000	345.5	6.751	1025.1	28.1	463.3	9.3054
213	1	1.250	-4.060	0.000	206.0	4.052	585.4	17.6	466.6	9.3507
213	2	1.250	-1.060	-0.000	206.0	4.052	585.4	17.6	466.6	9.3507
213	3	1.250	-1.045	-0.000	206.0	4.307	585.1	17.7	466.6	9.3107
213	4	1.250	2.406	-0.000	206.0	4.202	585.1	17.7	466.6	9.3455
213	5	1.250	6.120	0.000	206.0	4.016	585.1	17.7	466.6	9.3054
213	6	1.250		-0.000	206.0	4.016	585.1	17.7	466.6	9.3054
214	1	1.250	-4.060	0.000	206.0	7.052	1035.0	31.0	60.0	9.3507
214	2	1.250	-1.060	-0.000	206.0	6.825	1032.0	30.5	60.0	9.3107
214	3	1.250	-0.937	-0.000	206.0	7.202	1029.0	31.6	60.0	9.3455
214	4	1.250	2.406	-0.000	206.0	7.007	1027.0	29.7	60.0	9.3054
214	5	1.250	6.120	0.000	206.0	6.751	1025.0	28.1	60.0	9.3054
214	6	1.250		-0.000	206.0	6.751	1025.0	28.1	60.0	9.3054

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
213	9	1.251	3.05	-0.00	87.8	1.6721	351.2	7.6	459.6	3224
213	10	1.251	3.08	-0.00	88.2	1.6792	351.7	7.6	459.6	3251
213	11	1.251	4.17	-0.00	88.2	1.6796	351.2	7.6	459.5	3101
213	13	1.251	6.26	-0.00	88.2	1.6813	351.7	7.7	459.4	3283
216	1	1.099	4.06	0.00	113.7	4.3373	319.2	9.0	462.7	6470
216	2	1.099	3.10	0.00	113.7	4.3373	319.2	9.0	462.2	6732
216	3	1.097	2.10	0.00	113.7	4.3373	320.1	9.0	462.2	6723
216	4	1.097	1.05	0.00	113.7	4.3390	320.1	9.0	461.9	6911
216	5	1.098	0.07	0.00	113.7	4.4124	320.1	9.0	461.0	7122
216	6	1.098	0.09	0.00	113.7	4.4260	319.2	9.0	461.0	7264
216	7	1.055	0.05	0.00	112.2	4.3952	319.2	9.0	463.3	6913
216	8	1.101	0.13	0.00	112.2	4.3952	319.2	9.0	463.3	7013
216	9	1.101	0.13	0.00	112.2	4.3952	319.2	9.0	463.3	7138
216	10	1.101	0.12	0.00	112.2	4.3952	319.2	9.0	463.3	7264
217	1	1.094	4.20	0.00	89.3	1.6624	326.0	3.3	443.3	8939
217	2	1.092	2.05	0.00	89.3	1.6624	327.0	3.3	443.3	9275
217	3	1.098	0.04	0.00	89.3	1.6624	327.0	3.3	443.3	9547
217	4	1.098	0.04	0.00	89.3	1.6624	327.0	3.3	443.3	9767
217	5	1.097	0.01	0.00	89.3	1.6624	327.0	3.3	443.3	9930
217	6	1.097	0.07	0.00	89.3	1.6624	327.0	3.3	443.3	10169
217	7	1.097	0.07	0.00	89.3	1.6624	327.0	3.3	443.3	10330
217	8	1.098	0.12	0.00	89.3	1.6624	327.0	3.3	443.3	10465
217	9	1.098	0.12	0.00	89.3	1.6624	327.0	3.3	443.3	10544
217	10	1.098	0.12	0.00	89.3	1.6624	327.0	3.3	443.3	10615
219	1	0.956	4.07	0.00	63.7	4.5196	189.0	5.5	468.1	5928
219	2	0.997	1.01	0.00	63.7	4.5196	189.0	5.5	468.5	6223
219	3	0.997	0.53	0.00	63.7	4.5196	189.0	5.5	468.5	6543
219	4	1.001	0.03	0.00	63.7	4.5196	189.0	5.5	468.5	6843
219	5	1.001	0.03	0.00	63.7	4.5196	189.0	5.5	468.5	7143
219	6	1.001	0.03	0.00	63.7	4.5196	189.0	5.5	468.5	7443
219	7	1.001	0.03	0.00	63.7	4.5196	189.0	5.5	468.5	7743
219	8	1.001	0.03	0.00	63.7	4.5196	189.0	5.5	468.5	8043
219	9	1.001	0.02	0.00	63.7	4.5196	189.0	5.5	468.5	8343
219	10	1.001	0.02	0.00	63.7	4.5196	189.0	5.5	468.5	8643

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	F _s	CRT	P _L	ΔP _L	T _L	W _a
219	11	1.000	4.09	-0.00	64.0	1.4540	179.7	5.4	464.0	1.6407
219	13	1.000	6.15	-0.00	64.0	1.4511	179.7	5.3	463.9	1.6312
219	13	1.000	6.20	-0.00	63.7	1.4383	179.7	5.4	463.7	1.6461
220	6	0.996	-4.07	-0.00	105.7	4.812	299.1	8.9	468.2	7.770
220	8	0.995	-2.11	-0.00	105.7	4.846	300.0	9.1	467.7	7.190
220	9	0.998	-1.04	-0.00	105.0	4.677	300.0	9.2	467.4	7.585
220	10	0.998	-0.56	-0.00	105.7	4.529	300.0	9.3	467.2	7.833
220	11	0.997	-0.03	-0.00	106.3	4.833	300.0	9.4	466.9	7.950
220	11	0.998	0.49	-0.00	106.0	4.555	301.1	9.4	466.6	8.233
220	11	0.998	0.27	-0.00	106.6	4.505	302.2	9.6	466.9	8.334
220	14	0.998	3.10	-0.00	106.3	4.644	302.2	9.9	466.7	8.327
220	15	0.996	4.11	-0.00	106.3	4.540	302.2	9.6	467.0	8.353
220	16	0.996	6.11	-0.00	106.0	4.596	302.2	9.8	467.7	8.555
220	18	0.99A	8.21	-0.00	106.0	4.444	302.2	9.8	467.7	8.855
221	1	0.996	5.06	0.00	166.7	9.669	77.5	7.8	72.4	5.379
221	1	0.997	5.06	0.00	166.5	9.489	77.5	8.0	73.7	5.382
221	1	0.995	5.04	0.00	166.5	9.569	77.5	8.0	73.5	5.381
221	1	0.995	5.04	0.00	166.5	9.674	77.5	8.0	73.4	5.384
221	1	0.995	5.04	0.00	166.5	9.745	77.5	8.0	73.4	5.387
221	1	0.995	5.04	0.00	166.5	9.839	77.5	8.0	73.4	5.390
221	1	0.995	5.04	0.00	166.5	9.921	77.5	8.0	73.4	5.395
221	1	0.995	5.04	0.00	166.5	10.004	77.5	8.0	73.4	5.407
221	1	0.995	5.04	0.00	166.5	10.089	77.5	8.0	73.4	5.421
221	1	0.995	5.04	0.00	166.5	10.174	77.5	8.0	73.4	5.437
221	1	0.995	5.04	0.00	166.5	10.258	77.5	8.0	73.4	5.457
221	1	0.995	5.04	0.00	166.5	10.343	77.5	8.0	73.4	5.482
221	1	0.995	5.04	0.00	166.5	10.428	77.5	8.0	73.4	5.510
221	1	0.995	5.04	0.00	166.5	10.513	77.5	8.0	73.4	5.542
221	1	0.995	5.04	0.00	166.5	10.598	77.5	8.0	73.4	5.580
221	1	0.995	5.04	0.00	166.5	10.683	77.5	8.0	73.4	5.624
221	1	0.995	5.04	0.00	166.5	10.768	77.5	8.0	73.4	5.674
221	1	0.995	5.04	0.00	166.5	10.853	77.5	8.0	73.4	5.730
221	1	0.995	5.04	0.00	166.5	10.938	77.5	8.0	73.4	5.792
221	1	0.995	5.04	0.00	166.5	11.023	77.5	8.0	73.4	5.861
221	1	0.995	5.04	0.00	166.5	11.108	77.5	8.0	73.4	5.937
221	1	0.995	5.04	0.00	166.5	11.193	77.5	8.0	73.4	6.021
221	1	0.995	5.04	0.00	166.5	11.278	77.5	8.0	73.4	6.113
221	1	0.995	5.04	0.00	166.5	11.363	77.5	8.0	73.4	6.213
221	1	0.995	5.04	0.00	166.5	11.448	77.5	8.0	73.4	6.321
221	1	0.995	5.04	0.00	166.5	11.533	77.5	8.0	73.4	6.437
221	1	0.995	5.04	0.00	166.5	11.618	77.5	8.0	73.4	6.561
221	1	0.995	5.04	0.00	166.5	11.703	77.5	8.0	73.4	6.693
221	1	0.995	5.04	0.00	166.5	11.788	77.5	8.0	73.4	6.833
221	1	0.995	5.04	0.00	166.5	11.873	77.5	8.0	73.4	6.981
221	1	0.995	5.04	0.00	166.5	11.958	77.5	8.0	73.4	7.137
221	1	0.995	5.04	0.00	166.5	12.043	77.5	8.0	73.4	7.301
221	1	0.995	5.04	0.00	166.5	12.128	77.5	8.0	73.4	7.473
221	1	0.995	5.04	0.00	166.5	12.213	77.5	8.0	73.4	7.653
221	1	0.995	5.04	0.00	166.5	12.298	77.5	8.0	73.4	7.841
221	1	0.995	5.04	0.00	166.5	12.383	77.5	8.0	73.4	8.037
221	1	0.995	5.04	0.00	166.5	12.468	77.5	8.0	73.4	8.241
221	1	0.995	5.04	0.00	166.5	12.553	77.5	8.0	73.4	8.453
221	1	0.995	5.04	0.00	166.5	12.638	77.5	8.0	73.4	8.673
221	1	0.995	5.04	0.00	166.5	12.723	77.5	8.0	73.4	8.901
221	1	0.995	5.04	0.00	166.5	12.808	77.5	8.0	73.4	9.137
221	1	0.995	5.04	0.00	166.5	12.893	77.5	8.0	73.4	9.381
221	1	0.995	5.04	0.00	166.5	12.978	77.5	8.0	73.4	9.633
221	1	0.995	5.04	0.00	166.5	13.063	77.5	8.0	73.4	9.893
221	1	0.995	5.04	0.00	166.5	13.148	77.5	8.0	73.4	10.161
221	1	0.995	5.04	0.00	166.5	13.233	77.5	8.0	73.4	10.437
221	1	0.995	5.04	0.00	166.5	13.318	77.5	8.0	73.4	10.721
221	1	0.995	5.04	0.00	166.5	13.403	77.5	8.0	73.4	11.013
221	1	0.995	5.04	0.00	166.5	13.488	77.5	8.0	73.4	11.313
221	1	0.995	5.04	0.00	166.5	13.573	77.5	8.0	73.4	11.621
221	1	0.995	5.04	0.00	166.5	13.658	77.5	8.0	73.4	11.937
221	1	0.995	5.04	0.00	166.5	13.743	77.5	8.0	73.4	12.261
221	1	0.995	5.04	0.00	166.5	13.828	77.5	8.0	73.4	12.593
221	1	0.995	5.04	0.00	166.5	13.913	77.5	8.0	73.4	12.933
221	1	0.995	5.04	0.00	166.5	14.000	77.5	8.0	73.4	13.281
221	1	0.995	5.04	0.00	166.5	14.085	77.5	8.0	73.4	13.637
221	1	0.995	5.04	0.00	166.5	14.170	77.5	8.0	73.4	14.001
221	1	0.995	5.04	0.00	166.5	14.255	77.5	8.0	73.4	14.373
221	1	0.995	5.04	0.00	166.5	14.340	77.5	8.0	73.4	14.753
221	1	0.995	5.04	0.00	166.5	14.425	77.5	8.0	73.4	15.141
221	1	0.995	5.04	0.00	166.5	14.510	77.5	8.0	73.4	15.537
221	1	0.995	5.04	0.00	166.5	14.595	77.5	8.0	73.4	15.941
221	1	0.995	5.04	0.00	166.5	14.680	77.5	8.0	73.4	16.353
221	1	0.995	5.04	0.00	166.5	14.765	77.5	8.0	73.4	16.773
221	1	0.995	5.04	0.00	166.5	14.850	77.5	8.0	73.4	17.201
221	1	0.995	5.04	0.00	166.5	14.935	77.5	8.0	73.4	17.637
221	1	0.995	5.04	0.00	166.5	15.020	77.5	8.0	73.4	18.081
221	1	0.995	5.04	0.00	166.5	15.105	77.5	8.0	73.4	18.533
221	1	0.995	5.04	0.00	166.5	15.190	77.5	8.0	73.4	19.001
221	1	0.995	5.04	0.00	166.5	15.275	77.5	8.0	73.4	19.473
221	1	0.995	5.04	0.00	166.5	15.360	77.5	8.0	73.4	19.953
221	1	0.995	5.04	0.00	166.5	15.445	77.5	8.0	73.4	20.441
221	1	0.995	5.04	0.00	166.5	15.530	77.5	8.0	73.4	20.937
221	1	0.995	5.04	0.00	166.5	15.615	77.5	8.0	73.4	21.441
221	1	0.995	5.04	0.00	166.5	15.700	77.5	8.0	73.4	21.953
221	1	0.995	5.04	0.00	166.5	15.785	77.5	8.0	73.4	22.473
221	1	0.995	5.04	0.00	166.5	15.870	77.5	8.0	73.4	23.001
221	1	0.995	5.04	0.00	166.5	15.955	77.5	8.0	73.4	23.537
221	1	0.995	5.04	0.00	166.5	16.040	77.5	8.0	73.4	24.081
221	1	0.995	5.04	0.00	166.5	16.125	77.5	8.0	73.4	24.633
221	1	0.995	5.04	0.00	166.5	16.210	77.5	8.0	73.4	25.193
221	1	0.995	5.04	0.00	166.5	16.295	77.5	8.0	73.4	25.761
221	1	0.995	5.04	0.00	166.5	16.380	77.5	8.0	73.4	26.337
221	1	0.995	5.04	0.00	166.5	16.465	77.5	8.0	73.4	26.921
221	1	0.995	5.04	0.00	166.5	16.550	77.5	8.0	73.4	27.513
221	1	0.995	5.04	0.00	166.5	16.635	77.5	8.0	73.4	28.113
221	1	0.995	5.04	0.00	166.5	16.720	77.5	8.0	73.4	28.721
221	1	0.995	5.04	0.00	166.5	16.805	77.5	8.0	73.4	29.337
221	1	0.995	5.04	0.00	166.5	16.890	77.5	8.0	73.4	29.961
221	1	0.995	5.04	0.00	166.5	16.975	77.5	8.0	73.4	30.593
221	1	0.995	5.04	0.00	166.5	17.060	77.5	8.0	73.4	31.233
221	1	0.995	5.04	0.00	166.5	17.145	77.5	8.0	73.4	31.881
221	1	0.995	5.04	0.00	166.5	17.230	77.5	8.0	73.4	32.537
221	1	0.995	5.04	0.00	166.5	17.315	77.5	8.0	73.4	33.201
221	1	0.995	5.04	0.00	166.5	17.400	77.5	8.0	73.4	33.873
221	1	0.995	5.04	0.00	166.5	17.485	77.5	8.0	73.4	34.553
221	1	0.995	5.04	0.00	166.5	17.570	77.5	8.0	73.4	35.241
221	1	0.995	5.04	0.00	166.5	17.655	77.5	8.0	73.4	35.937
221	1	0.995	5.04	0.00	166.5	17.740	77.5	8.0	73.4	36.641
221	1	0.995	5.04	0.00	166.5	17.825	77.5	8.0	73.4	37.353
221	1	0.995	5.04	0.00	166.5	17.910	77.5	8.0	73.4	38.073
221	1	0.995	5.04	0.00	166.5	17.995	77.5	8		

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
222	11	0.997	4.07	0.00	291.3	6.9516	843.7	28.13	486.0	7.9005
222	12	0.996	6.10	-0.00	291.0	6.9129	844.2	28.09	486.0	8.0055
222	13	0.999	6.19	-0.00	289.7	6.8040	843.7	28.06	485.9	8.0045
223	1	0.997	4.04	0.00	522.9	12.5869	1505.2	46.9	500.1	13.5490
223	2	0.997	-2.06	-0.00	519.7	12.2532	1499.8	46.1	499.0	13.4189
223	3	0.998	-1.03	-0.00	520.0	12.3106	1505.6	46.5	499.0	13.4205
223	4	0.995	-0.99	-0.00	519.0	12.1638	1496.3	46.2	499.0	13.5051
223	5	1.000	2.02	-0.00	520.6	12.5317	1500.3	46.1	499.0	13.4292
223	6	0.997	6.11	-0.00	520.3	12.4253	1501.6	46.3	499.0	13.4271
223	7	0.996	6.18	-0.00	519.3	12.4306	1501.3	46.0	498.4	13.4297
224	1	0.857	4.05	0.00	470.1	4.997	356.7	10.6	494.7	12.1727
224	2	0.899	-2.08	-0.00	462.3	4.1025	343.8	10.3	494.0	12.0227
224	3	0.896	-1.04	-0.00	476.5	4.1311	364.0	12.0	495.0	12.3464
224	4	0.899	-0.97	-0.00	473.5	4.1770	363.3	12.0	494.0	12.2970
224	5	0.897	2.00	0.00	468.0	4.3959	352.9	11.3	494.0	12.1089
224	6	0.897	4.11	-0.00	469.7	4.5518	362.1	12.0	494.0	12.1089
224	7	0.899	6.15	-0.00	473.1	4.6712	366.1	12.1	494.0	12.2069
225	1	0.897	4.05	0.00	264.7	7.0683	765.0	4.9	461.5	6.0228
225	2	0.858	-2.02	-0.00	261.1	6.9137	757.2	4.7	460.0	6.1333
225	3	0.897	-1.03	-0.00	262.5	6.9937	759.2	4.7	460.0	6.1333
225	4	0.897	-0.97	-0.00	262.4	6.8637	758.4	4.6	460.0	6.1706
225	5	0.897	2.00	0.00	265.4	7.1330	762.0	4.8	460.0	6.1706
225	6	0.897	4.12	-0.00	264.7	7.0352	760.1	4.6	460.0	6.1744
225	7	0.897	6.12	-0.00	264.4	7.0120	761.5	4.6	460.0	6.1744
226	1	0.898	4.05	0.00	154.3	4.998	37.0	7.8	73.0	3.9018
226	2	0.899	-2.06	-0.00	154.6	4.937	35.1	7.2	72.0	3.9343
226	3	0.899	-1.03	-0.00	153.6	4.995	35.5	7.9	72.0	3.9343
226	4	0.897	-0.97	-0.00	153.3	4.901	35.6	7.9	72.0	3.9343
226	5	0.898	2.00	0.00	153.6	4.999	35.6	7.9	72.0	3.9343
226	6	0.898	4.11	-0.00	153.6	4.999	35.6	7.9	72.0	3.9343
226	7	0.898	6.15	-0.00	153.6	4.999	35.6	7.9	72.0	3.9343
226	8	0.898	0.49	-0.00	153.6	4.999	35.6	7.9	72.0	3.9343
226	9	0.898	0.49	-0.00	153.6	4.999	35.6	7.9	72.0	3.9343

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
226	12	0.897	2.02	0.00	155.2	4.0639	441.8	12.8	473.0	3.9451
226	13	0.897	3.06	0.00	151.2	3.9433	431.2	13.3	472.3	3.8844
226	14	0.900	6.13	0.00	153.0	4.4579	442.2	13.2	472.3	3.9217
226	16	0.897	8.19	0.00	152.0	3.9600	435.5	13.7	471.8	3.9658
227	1	0.898	4.05	0.00	91.7	2.9902	260.5	7.7	468.5	2.9498
227	2	0.898	5.05	0.00	90.5	3.3169	257.4	7.5	467.7	3.4177
227	3	0.899	5.54	0.00	88.5	3.3779	255.3	7.6	467.3	3.3051
227	4	0.898	5.83	0.00	86.5	3.2751	253.3	7.7	467.1	3.3153
227	5	0.898	6.46	0.00	86.0	3.2813	253.3	7.7	467.0	3.2201
227	6	0.899	7.14	0.00	85.5	2.6611	225.9	7.7	466.8	3.1863
227	7	0.899	7.57	0.00	85.0	2.6723	225.2	7.7	466.6	3.1436
227	8	0.899	8.07	0.00	84.5	2.6763	225.2	7.7	466.6	3.1069
227	9	0.899	8.47	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	10	0.897	8.14	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	11	0.897	8.40	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	12	0.897	8.68	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	13	0.897	8.92	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	14	0.897	9.17	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	15	0.897	9.40	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	16	0.897	9.61	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	17	0.897	9.80	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	18	0.897	10.00	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	19	0.897	10.17	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	20	0.897	10.33	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	21	0.897	10.48	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	22	0.897	10.61	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	23	0.897	10.73	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	24	0.897	10.84	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	25	0.897	10.94	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	26	0.897	11.03	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	27	0.897	11.11	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	28	0.897	11.18	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	29	0.897	11.24	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	30	0.897	11.29	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	31	0.897	11.33	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	32	0.897	11.36	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	33	0.897	11.38	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	34	0.897	11.40	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	35	0.897	11.41	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	36	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	37	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	38	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	39	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	40	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	41	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	42	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	43	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	44	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	45	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	46	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	47	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	48	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	49	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	50	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	51	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	52	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	53	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	54	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	55	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	56	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	57	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	58	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	59	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	60	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	61	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	62	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	63	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	64	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	65	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	66	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	67	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	68	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	69	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	70	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	71	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	72	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	73	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	74	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	75	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	76	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	77	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	78	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	79	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	80	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	81	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	82	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	83	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	84	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	85	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	86	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	87	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	88	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	89	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	90	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	91	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	92	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	93	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	94	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	95	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	96	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	97	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	98	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069
227	99	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1436
227	100	0.897	11.42	0.00	84.0	2.6763	225.2	7.7	466.6	3.1069

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
231	9	0.799	0.99	-0.00	217.7	6.5757	623.6	18.7	478.2	5.6416
231	10	0.799	0.02	-0.00	217.7	6.5639	622.3	18.7	478.5	5.6502
231	11	0.797	3.08	-0.00	219.1	6.5207	621.0	18.2	478.8	5.6722
231	12	0.798	4.09	-0.00	219.5	6.5690	626.5	17.6	478.4	5.6529
231	13	0.797	6.15	-0.50	217.1	6.6618	620.1	18.8	478.8	5.6258
232	1	0.99	3.99	-0.00	72.0	6.8458	206.7	5.9	469.8	1.8168
232	2	0.99	2.06	-0.00	72.0	6.7641	205.3	5.9	468.2	1.8230
232	3	0.97	1.04	-0.00	71.6	6.8083	204.4	5.9	468.0	1.8181
232	4	0.98	1.05	-0.00	71.3	6.7085	203.6	5.7	467.6	1.8174
232	5	0.98	0.46	-0.00	71.0	6.5944	203.1	5.9	467.4	1.8229
232	6	0.99	0.00	-0.00	71.0	6.6933	202.7	5.0	467.1	1.8291
232	7	0.99	0.00	-0.00	71.3	6.6983	202.7	5.0	466.6	1.8249
232	8	0.99	0.00	-0.00	71.3	6.7147	202.7	6.1	466.6	1.8344
232	9	0.99	0.10	-0.00	71.0	6.6822	202.7	6.0	466.6	1.8353
232	10	0.99	4.06	-0.00	56.4	7.1057	103.5	9.2	485.0	9.2501
232	11	0.99	2.00	-0.00	56.4	7.0430	103.3	10.0	482.0	9.2603
232	12	0.99	1.00	-0.00	56.4	7.0162	103.6	9.7	480.9	9.2764
232	13	0.99	0.56	-0.00	56.5	7.1287	103.0	9.1	478.2	9.2877
232	14	0.99	0.16	-0.51	56.8	7.1987	103.5	9.2	477.7	9.2687
232	15	0.99	4.17	-0.00	26.5	9.2636	59.1	20.9	477.9	9.2119
232	16	0.99	2.00	-0.00	26.5	9.2305	59.1	20.9	477.9	9.2087
232	17	0.99	1.00	-0.00	26.5	9.2162	59.1	20.9	477.9	9.2087
232	18	0.99	0.56	-0.00	26.5	9.2305	59.1	20.9	477.9	9.2087
232	19	0.99	0.16	-0.51	26.5	9.2636	59.1	20.9	477.9	9.2119
232	20	0.99	4.17	-0.00	26.5	9.2305	59.1	20.9	477.9	9.2087
232	21	0.99	2.00	-0.00	26.5	9.2162	59.1	20.9	477.9	9.2087
232	22	0.99	1.00	-0.00	26.5	9.2305	59.1	20.9	477.9	9.2087
232	23	0.99	0.56	-0.00	26.5	9.2636	59.1	20.9	477.9	9.2119
232	24	0.99	0.16	-0.51	26.5	9.2305	59.1	20.9	477.9	9.2087
232	25	0.99	4.17	-0.00	26.5	9.2162	59.1	20.9	477.9	9.2087
232	26	0.99	2.00	-0.00	26.5	9.2305	59.1	20.9	477.9	9.2087
232	27	0.99	1.00	-0.00	26.5	9.2636	59.1	20.9	477.9	9.2119
232	28	0.99	0.56	-0.00	26.5	9.2305	59.1	20.9	477.9	9.2087
232	29	0.99	0.16	-0.51	26.5	9.2636	59.1	20.9	477.9	9.2119
232	30	0.99	4.17	-0.00	26.5	9.2305	59.1	20.9	477.9	9.2087
239	1	0.997	-4.16	22.50	274.3	6.5327	782.7	23.9	472.2	7.2043

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
239	3	0.996	-2.10	50	274.7	6.4848	784.0	23.9	472.4	7.2107
239	3	0.999	-1.00	50	275.3	6.4637	786.0	22.4	472.4	7.2390
239	4	0.998	-0.97	50	272.6	6.3404	779.6	24.2	472.6	7.2700
239	5	0.995	1.01	49	272.4	6.3574	785.4	23.5	473.3	7.2637
239	6	0.995	0.04	49	272.7	6.4860	782.3	24.3	473.4	7.2062
239	9	1.000	0.13	49	272.1	6.4034	780.0	23.3	473.5	7.2164
239	9	1.000	0.13	49	272.1	6.3633	779.9	23.6	473.5	7.2165
240	1	0.997	1.16	49	103.9	4.5077	256.4	9.0	461.7	7.2543
240	0	0.995	1.28	49	104.0	4.4803	256.0	9.0	460.0	7.2463
240	0	0.995	1.08	49	104.4	4.4817	256.6	9.1	460.0	7.2543
240	3	0.995	0.94	49	104.4	4.4517	256.1	9.3	460.0	7.2479
240	4	0.995	0.46	49	104.4	4.4077	256.0	9.2	465.9	7.2810
240	5	0.998	0.50	49	104.4	4.4426	259.0	9.2	465.9	7.2820
240	6	0.998	0.27	49	104.5	4.4351	259.0	9.3	465.9	7.2803
240	7	0.998	0.02	49	104.5	4.4351	259.0	9.3	465.9	7.2803
240	8	0.998	0.46	49	104.5	4.441	259.0	9.3	465.9	7.2803
240	9	1.000	0.13	49	104.5	4.441	259.0	9.3	465.9	7.2803
242	3	0.997	1.26	00	323.1	6.9374	1019.6	30.5	460.0	9.7132
242	3	0.999	1.06	00	323.1	6.9277	1043.1	31.0	460.0	9.8277
242	3	0.999	0.95	00	323.1	6.8727	1033.1	30.4	460.0	9.8111
242	3	0.999	0.83	00	323.1	6.7754	1032.1	30.0	460.0	9.8111
242	3	0.999	0.69	00	323.1	6.7942	1032.1	30.0	460.0	9.8111
242	3	0.999	0.51	00	323.1	6.6697	1032.1	30.0	460.0	9.8111
242	3	0.999	0.18	00	323.1	6.7996	1032.1	30.0	460.0	9.8111
242	10	1.000	0.18	00	323.1	6.7069	1032.1	30.0	460.0	9.8111
242	11	1.000	0.18	00	323.1	6.7069	1032.1	30.0	460.0	9.8111
243	1	0.999	1.16	95	266.4	4.8667	554.9	10.6	460.0	9.8261
243	2	0.999	1.18	95	266.4	4.6538	549.9	10.6	460.0	9.8261
243	3	0.999	1.02	95	266.4	4.4100	549.9	10.6	460.0	9.8261
243	4	0.999	0.50	95	266.4	4.3976	549.9	10.6	460.0	9.8261
243	5	0.999	0.07	95	266.4	4.3876	549.9	10.6	460.0	9.8261
243	6	0.999	0.12	95	266.4	4.3876	549.9	10.6	460.0	9.8261
243	7	0.999	0.12	95	266.4	4.3876	549.9	10.6	460.0	9.8261
243	8	0.999	0.12	95	266.4	4.3876	549.9	10.6	460.0	9.8261
243	9	0.999	0.12	95	266.4	4.3876	549.9	10.6	460.0	9.8261
245	1	1.001	-4.11	99	276.2	6.5900	779.3	23.4	470.4	7.1367
245	1	0.997	-3.11	99	275.9	6.5566	781.5	23.3	470.4	7.1367

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
3	3	0.999	2.107	44.99	275.9	6.5078	784.6	23.5	470.3	7.1750
4	4	0.998	1.057	44.99	275.6	6.4622	783.6	23.5	470.3	7.1687
5	5	0.998	0.017	44.99	275.2	6.5127	779.5	24.4	470.2	7.1646
6	6	0.997	0.497	44.99	274.6	6.5169	782.4	24.4	470.0	7.1892
7	7	0.997	0.991	44.99	274.4	6.4540	783.3	24.4	469.9	7.2033
8	8	0.997	0.993	44.99	274.3	6.4523	783.0	24.4	469.7	7.2029
9	9	0.996	0.957	44.99	273.3	6.5035	783.3	24.1	471.0	7.2093
10	10	0.995	0.957	44.99	273.3	6.4976	783.3	24.1	470.6	7.2063
11	11	0.995	0.957	44.99	272.5	6.4941	782.0	22.2	470.4	7.2062
12	12	0.995	1.163	44.99	106.0	4.9379	300.1	8.6	58.2	2.483
13	13	0.993	1.097	44.99	106.5	4.4527	300.0	8.8	57.7	2.291
14	14	0.990	0.803	44.99	106.5	4.5917	300.0	8.8	56.6	2.282
15	15	0.986	0.490	44.99	106.5	4.5027	300.1	8.8	56.6	2.282
16	16	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
17	17	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
18	18	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
19	19	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
20	20	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
21	21	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
22	22	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
23	23	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
24	24	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
25	25	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
26	26	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
27	27	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
28	28	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
29	29	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282
30	30	0.986	0.490	44.99	106.5	4.4525	300.1	8.8	56.6	2.282

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
914	3	0.900	4.00	0.00	330.5	8.80	931.0	27.9	474.0	8.80
914	4	0.899	3.01	0.00	331.6	8.71	930.2	29.5	475.2	8.80
914	5	0.899	2.10	0.00	332.9	8.64	932.8	29.7	475.3	8.80
914	6	0.900	1.06	0.00	335.2	8.57	936.7	30.1	475.5	8.80
914	7	0.900	0.97	0.00	335.5	8.52	937.4	30.5	475.7	8.80
914	8	0.899	0.27	0.00	332.8	8.46	935.1	31.1	475.9	8.80
914	9	0.899	0.05	0.00	333.6	8.43	934.5	31.7	475.5	8.80
914	10	0.899	0.07	0.00	332.5	8.40	932.9	31.1	475.3	8.80
914	11	0.901	0.16	0.00	331.7	8.38	933.7	31.5	475.5	8.80
914	12	0.901	0.24	0.00	332.1	8.36	933.4	31.1	475.3	8.80
914	13	0.901	0.29	0.00	332.7	8.35	933.2	31.1	475.3	8.80
914	14	0.901	0.29	0.00	332.7	8.35	933.2	31.1	475.3	8.80
914	15	0.901	0.29	0.00	332.7	8.35	933.2	31.1	475.3	8.80
915	1	0.900	4.00	0.00	309.2	7.30	875.0	29.0	473.0	8.80
915	2	0.899	3.01	0.00	301.7	7.07	859.0	29.2	472.2	8.80
915	3	0.899	2.02	0.00	300.6	7.04	875.0	30.0	473.2	8.80
915	4	0.899	1.02	0.00	302.7	7.01	875.0	30.2	473.2	8.80
915	5	0.899	0.53	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	6	0.899	0.25	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	7	0.899	0.08	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	8	0.899	0.00	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	9	0.899	0.00	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	10	0.899	0.00	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	11	0.899	0.00	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	12	0.899	0.00	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	13	0.899	0.00	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	14	0.899	0.00	0.00	309.2	7.01	875.0	30.2	473.2	8.80
915	15	0.899	0.00	0.00	309.2	7.01	875.0	30.2	473.2	8.80
916	1	0.899	4.00	0.00	496.7	12.2	667.0	42.3	866.0	13.3
916	2	0.899	3.01	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	3	0.899	2.02	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	4	0.899	1.02	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	5	0.899	0.53	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	6	0.899	0.25	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	7	0.899	0.08	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	8	0.899	0.00	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	9	0.899	0.00	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	10	0.899	0.00	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	11	0.899	0.00	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	12	0.899	0.00	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	13	0.899	0.00	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	14	0.899	0.00	0.00	495.0	11.2	655.3	44.4	866.0	13.3
916	15	0.899	0.00	0.00	495.0	11.2	655.3	44.4	866.0	13.3

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
917	1	1.048	4.06	0.00	322.6	7.410	913.5	27.9	472.0	8.434
917	2	1.053	3.04	0.00	319.9	7.211	904.1	27.6	471.0	8.420
917	3	1.048	2.04	0.00	317.3	7.104	907.4	27.5	471.0	8.421
917	4	1.048	1.03	0.00	317.0	7.040	907.4	27.5	470.0	8.424
917	5	1.048	0.00	0.00	317.0	7.026	903.5	27.7	470.0	8.429
917	10	1.051	1.01	0.00	317.0	6.971	905.4	27.7	470.0	8.423
917	11	1.049	0.04	0.00	317.0	6.956	901.1	28.0	470.0	8.426
917	12	1.054	0.06	0.00	316.0	6.957	901.1	28.0	470.0	8.420
917	13	1.054	0.12	0.00	316.0	6.957	901.1	28.0	470.0	8.426
917	14	1.054	0.19	0.00	315.0	6.957	901.1	28.0	470.0	8.420
917	15	1.054	0.30	0.00	315.0	6.957	901.1	28.0	470.0	8.426
917	16	1.054	0.36	0.00	315.0	6.957	901.1	28.0	470.0	8.426
918	1	0.970	5.02	0.00	301.0	7.283	851.0	26.8	470.0	7.988
918	2	0.971	4.02	0.00	300.6	7.153	857.0	26.6	470.0	7.990
918	3	0.970	3.04	0.00	299.8	7.080	849.0	26.6	470.0	7.992
918	4	0.970	2.05	0.00	299.2	7.000	851.0	26.4	470.0	7.994
918	5	0.970	1.02	0.00	298.5	6.911	854.9	26.4	470.0	7.996
918	6	0.970	0.00	0.00	298.0	6.820	854.9	26.4	470.0	7.998
918	7	0.970	0.00	0.00	297.9	6.733	854.9	26.4	470.0	7.998
918	8	0.970	0.00	0.00	297.9	6.645	854.9	26.4	470.0	7.998
918	9	0.970	0.00	0.00	297.9	6.558	854.9	26.4	470.0	7.998
918	10	0.970	0.00	0.00	297.9	6.471	854.9	26.4	470.0	7.998
918	11	0.970	0.00	0.00	297.9	6.384	854.9	26.4	470.0	7.998
918	12	0.970	0.00	0.00	297.9	6.297	854.9	26.4	470.0	7.998
918	13	0.970	0.00	0.00	297.9	6.210	854.9	26.4	470.0	7.998
918	14	0.970	0.00	0.00	297.9	6.123	854.9	26.4	470.0	7.998
918	15	0.970	0.00	0.00	297.9	6.036	854.9	26.4	470.0	7.998
918	16	0.970	0.00	0.00	297.9	5.949	854.9	26.4	470.0	7.998
919	1	0.947	5.01	0.00	292.0	7.082	826.0	25.4	468.0	7.666
919	2	0.947	4.01	0.00	291.0	6.957	832.8	25.5	468.0	7.731
919	3	0.947	3.00	0.00	290.0	6.820	833.0	25.5	468.0	7.755
919	4	0.947	2.00	0.00	289.0	6.683	833.0	25.5	468.0	7.724
919	5	0.947	1.00	0.00	288.0	6.546	833.0	25.5	468.0	7.764
919	6	0.947	0.00	0.00	287.0	6.409	833.0	25.5	468.0	7.790
919	7	0.947	0.00	0.00	286.0	6.272	833.0	25.5	468.0	7.837
919	8	0.947	0.00	0.00	285.0	6.135	833.0	25.5	468.0	7.893
919	9	0.947	0.00	0.00	284.0	6.000	833.0	25.5	468.0	7.950
919	10	0.947	0.00	0.00	283.0	5.863	833.0	25.5	468.0	8.007
919	11	0.947	0.00	0.00	282.0	5.726	833.0	25.5	468.0	8.064
919	12	0.947	0.00	0.00	281.0	5.589	833.0	25.5	468.0	8.121
919	13	0.947	0.00	0.00	280.0	5.452	833.0	25.5	468.0	8.178
919	14	0.947	0.00	0.00	279.0	5.315	833.0	25.5	468.0	8.235
919	15	0.947	0.00	0.00	278.0	5.178	833.0	25.5	468.0	8.292
919	16	0.947	0.00	0.00	277.0	5.041	833.0	25.5	468.0	8.349

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
920	1	0.949	-4.06	-0.00	174.3	3792	91.6	14.8	463	4.5203
920	2	0.948	-3.07	-0.00	171.7	2488	85.4	14.6	462	4.4723
920	3	0.946	-2.05	-0.00	170.7	2231	82.4	14.4	462	4.4935
920	4	0.944	-1.02	-0.00	170.7	2147	82.7	14.4	462	4.5026
920	5	0.946	0.01	-0.00	171.0	1847	84.5	14.5	462	4.5112
920	6	0.947	1.04	-0.00	172.9	1407	89.0	15.0	462	4.5314
920	7	0.946	2.06	-0.00	171.0	1074	84.4	15.5	460	4.5736
920	8	0.945	3.11	-0.00	170.7	832	82.3	15.5	460	4.6174
920	9	0.948	4.16	-0.00	170.7	653	83.4	15.5	460	4.6501
920	10	0.946	5.18	-0.00	169.7	534	86.2	15.5	460	4.6819
920	11	0.947	6.26	-0.00	171.6	430	86.3	15.5	460	4.7165
920	12	0.947	10.34	0.00	171.6	340	86.3	15.5	460	4.7501
921	1	1.050	-4.07	0.00	113.6	5473	21.8	10.1	558	3.0306
921	2	1.045	-3.09	-0.00	114.0	4152	22.3	10.2	557	3.0203
921	3	1.040	-2.07	-0.00	114.0	3529	23.3	10.2	557	3.0075
921	4	1.030	-1.03	-0.00	114.0	3686	22.5	10.4	557	3.0754
921	5	1.040	0.05	-0.00	114.0	2279	23.1	10.6	557	3.0799
921	6	1.050	1.07	-0.00	114.6	1244	22.3	10.6	557	3.1079
921	7	1.051	2.08	-0.00	114.4	710	24.4	10.7	557	3.1248
921	8	1.050	3.13	-0.00	114.4	500	23.5	10.6	557	3.1134
921	9	1.050	4.13	-0.00	114.4	369	23.5	10.7	557	3.1134
921	10	1.050	6.23	-0.00	114.4	259	23.5	10.6	557	3.1134
921	11	1.050	10.30	0.00	114.4	169	23.5	10.7	557	3.1134
921	12	1.050	12.34	0.00	114.4	125	23.5	10.7	557	3.1134
922	1	1.052	-4.08	-0.00	67.3	4509	19.1	6.2	549	1.8354
922	2	1.046	-3.09	-0.00	69.6	3111	19.4	6.4	545	1.8546
922	3	1.047	-2.09	-0.00	67.6	2710	19.3	6.1	544	1.8702
922	4	1.050	-1.02	-0.00	67.6	2584	21.0	6.2	544	1.8309
922	5	1.051	0.01	-0.00	67.6	2744	21.9	6.2	544	1.8464
922	6	1.051	1.04	-0.00	67.6	2711	22.0	6.6	544	1.8649
922	7	1.050	2.06	-0.00	67.6	2744	22.0	6.6	544	1.8649
922	8	1.050	3.09	-0.00	67.6	2744	22.0	6.6	544	1.8649
922	9	1.050	4.09	-0.00	67.6	2744	22.0	6.6	544	1.8649
922	10	1.050	6.13	-0.00	67.6	2744	22.0	6.6	544	1.8649
922	11	1.050	10.23	-0.00	67.6	2744	22.0	6.6	544	1.8649
922	12	1.050	12.34	-0.00	67.6	2744	22.0	6.6	544	1.8649

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
923	3	1.096	-3.07	0.00	78.3	6760	219.0	6.0	460.9	1.93310
923	4	1.099	-2.04	-0.00	77.7	6474	218.0	6.5	459.9	1.93310
923	5	1.100	-1.02	-0.00	77.7	6395	218.0	6.5	459.9	1.93147
923	6	1.101	-0.23	-0.00	77.7	6400	219.0	6.5	458.1	1.94876
923	7	1.101	0.10	-0.00	78.7	6223	219.0	6.5	458.1	1.92665
923	8	1.101	0.15	-0.00	77.7	6359	217.0	6.6	457.5	1.92665
923	9	1.100	0.23	-0.00	76.3	6346	216.0	6.6	457.5	1.92665
923	10	1.100	0.41	-0.00	76.4	6320	216.0	6.6	457.5	1.92665
923	11	1.099	1.02	-0.00	77.7	6320	216.0	6.6	457.5	1.92665
924	1	1.102	0	0.00	47.2	9235	134.5	3.3	455.6	1.27669
924	2	1.100	1.07	-0.00	47.7	9397	135.3	3.3	455.5	1.27669
924	3	1.100	1.05	-0.00	46.6	9327	132.5	3.3	455.5	1.27207
924	4	1.102	1.02	-0.00	45.5	9327	132.5	3.3	455.5	1.27207
924	5	1.103	1.04	-0.00	45.5	9316	132.5	3.3	455.5	1.27207
924	6	1.102	1.02	-0.00	45.5	9316	132.5	3.3	455.5	1.27207
924	7	1.102	1.05	-0.00	45.5	9316	132.5	3.3	455.5	1.27207
924	8	1.102	1.05	-0.00	45.5	9316	132.5	3.3	455.5	1.27207
924	9	1.102	1.05	-0.00	45.5	9316	132.5	3.3	455.5	1.27207
924	10	1.102	1.05	-0.00	45.5	9316	132.5	3.3	455.5	1.27207
924	11	1.105	1.23	-0.00	44.4	9245	132.5	3.3	455.5	1.27207
924	12	1.105	1.34	-0.00	44.4	9215	132.5	3.3	455.5	1.27207
925	1	1.250	5	0.00	50.6	9658	146.4	3.8	457.0	1.26000
925	2	1.250	6	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	3	1.250	7	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	4	1.250	8	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	5	1.250	9	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	6	1.250	10	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	7	1.250	11	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	8	1.250	12	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	9	1.250	13	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	10	1.250	14	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	11	1.250	15	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	12	1.250	16	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	13	1.250	17	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	14	1.250	18	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	15	1.250	19	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	16	1.250	20	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	17	1.250	21	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	18	1.250	22	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	19	1.250	23	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
925	20	1.250	24	-0.00	50.1	9476	145.6	3.9	456.6	1.27547
926	3	1.051	-4.07	-0.00	43.5	9330	121.5	2.8	458.6	0.9892

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
931	3	0.972	-3.04	00	61.7	1.4298	174.1	5.3	455.7	1.6197
931	4	0.974	-2.07	00	64.6	4.9640	181.1	5.2	456.0	1.6348
931	5	0.972	-1.04	00	64.9	4.940	182.4	5.2	456.0	1.6346
931	6	0.972	0.99	00	63.3	4.638	179.4	5.2	456.0	1.6541
931	7	0.971	2.03	00	63.6	4.786	179.0	5.2	456.0	1.6269
931	8	0.971	3.06	00	63.6	4.753	178.4	5.2	456.0	1.6549
931	9	0.971	4.13	00	63.6	4.729	179.4	5.2	456.0	1.6189
931	10	0.975	6.20	00	63.9	4.438	175.0	5.2	456.0	1.6672
931	11	0.975	10.35	00	63.6	4.808	179.8	5.2	456.0	1.6539
931	12	0.975	12.35	00	63.6	4.809	179.8	5.2	456.0	1.6729
931	13	0.975	12.35	00	63.6	4.809	179.8	5.2	456.0	1.6574
932	1	0.974	4.09	00	56.0	0.474	106.9	3.0	455.8	0.9656
932	2	0.972	-3.07	00	56.7	0.787	102.9	3.2	455.6	0.9232
932	3	0.972	-2.04	00	56.7	0.113	102.9	3.2	455.6	0.9465
932	4	0.972	-1.02	00	56.7	0.621	102.9	3.2	455.6	0.9068
932	5	0.972	0.04	00	56.7	0.821	102.9	3.2	455.6	0.9426
932	6	0.970	0.07	00	56.7	0.815	102.9	3.2	455.6	0.9201
932	7	0.971	0.16	00	56.7	0.809	102.9	3.2	455.6	0.9426
932	8	0.971	0.25	00	56.7	0.817	102.9	3.2	455.6	0.9207
932	9	0.971	0.35	00	56.7	0.821	102.9	3.2	455.6	0.9426
932	10	0.971	0.45	00	56.7	0.817	102.9	3.2	455.6	0.9207
932	11	0.971	0.55	00	56.7	0.817	102.9	3.2	455.6	0.9426
932	12	0.971	0.65	00	56.7	0.817	102.9	3.2	455.6	0.9207
932	13	0.971	0.75	00	56.7	0.817	102.9	3.2	455.6	0.9426
933	3	0.946	4.07	00	108.7	2.7027	304.6	8.7	461.4	2.3027
933	4	0.946	-3.06	00	108.7	6.994	299.4	8.5	461.1	2.6776
933	5	0.946	-2.03	00	108.7	5.583	299.4	8.5	461.1	2.7110
933	6	0.946	-1.03	00	108.7	5.422	299.4	8.5	461.1	2.7110
933	7	0.946	0.01	00	108.7	5.569	299.4	8.5	461.1	2.7110
933	8	0.946	1.01	00	108.7	5.370	299.4	8.5	461.1	2.7110
933	9	0.946	2.04	00	108.7	5.575	299.4	8.5	461.1	2.7110
933	10	0.946	3.06	00	108.7	5.571	299.4	8.5	461.1	2.7110
933	11	0.946	4.09	00	108.7	5.571	299.4	8.5	461.1	2.7110
933	12	0.946	5.12	00	108.7	5.571	299.4	8.5	461.1	2.7110
933	13	0.946	6.15	00	108.7	5.571	299.4	8.5	461.1	2.7110
934	1	0.946	-4.07	00	63.9	1.5185	180.6	5.3	459.2	1.6441

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
934	2	0.946	0.04	-0.00	64.2	1.53117	180.6	5.5	459.1	1.6734
934	3	0.950	-2.10	-0.00	65.3	1.51175	179.3	5.5	459.1	1.6616
934	4	0.949	-1.02	-0.00	65.3	1.50955	179.4	5.5	459.0	1.6624
934	5	0.948	-1.00	-0.00	65.3	1.50777	177.9	5.5	459.0	1.6517
934	6	0.948	2.01	-0.00	65.3	1.51643	177.9	5.5	459.0	1.6522
934	7	0.948	4.09	-0.00	65.3	1.52032	177.9	5.5	459.0	1.6561
934	8	0.948	6.11	-0.00	65.3	1.51672	177.9	5.5	459.0	1.6551
934	9	0.948	12.29	-0.00	65.3	1.51079	177.9	5.5	459.0	1.6735
934	10	0.950	12.36	0.00	62.2	1.48659	178.4	5.6	459.0	1.6577
936	6	0.899	0.06	-0.00	57.1	1.4589	162.7	4.4	461.9	1.4251
936	7	0.898	-3.07	-0.00	56.6	1.4562	160.9	4.4	461.1	1.4354
936	8	0.898	-7.05	-0.00	56.6	1.4337	160.9	4.4	460.5	1.4109
936	9	0.897	-10.03	-0.00	56.6	1.4286	161.0	4.4	460.1	1.4169
936	10	0.898	-13.02	-0.00	56.6	1.42647	161.0	4.4	460.1	1.4229
936	11	0.898	-16.07	-0.00	56.6	1.4458	162.5	4.4	460.1	1.4256
936	12	0.897	-19.04	-0.00	56.6	1.4507	161.0	4.4	460.1	1.4267
936	13	0.896	-22.01	-0.00	56.6	1.4370	161.0	4.4	460.1	1.4255
936	14	0.897	-25.01	-0.00	56.6	1.4328	162.7	4.4	460.1	1.4267
936	15	0.896	-28.01	-0.00	56.6	1.4422	162.7	4.4	460.1	1.4267
936	16	0.896	-31.01	-0.00	56.6	1.4537	162.7	4.4	460.1	1.4267
936	17	0.897	-34.01	-0.00	56.6	1.4672	162.7	4.4	460.1	1.4267
936	18	0.897	-37.01	-0.00	56.6	1.4828	162.7	4.4	460.1	1.4267
937	1	0.800	0.05	-0.00	141.0	4.5062	399.2	4.3	464.5	7.237
937	2	0.799	-3.00	-0.00	140.0	4.2734	397.0	4.3	464.5	7.2367
937	3	0.795	-7.00	-0.00	140.0	4.2466	397.0	4.3	464.5	7.2373
937	4	0.798	-10.03	-0.00	140.0	4.2299	399.0	4.3	464.5	7.2373
937	5	0.798	-13.02	-0.00	140.0	4.2177	399.0	4.3	464.5	7.2373
937	6	0.797	-16.07	-0.00	140.0	4.2052	399.0	4.3	464.5	7.2373
937	7	0.798	-19.04	-0.00	140.0	4.1917	399.0	4.3	464.5	7.2373
937	8	0.797	-22.01	-0.00	140.0	4.1775	399.0	4.3	464.5	7.2373
937	9	0.796	-25.01	-0.00	140.0	4.1625	399.0	4.3	464.5	7.2373
937	10	0.797	-28.01	-0.00	140.0	4.1475	399.0	4.3	464.5	7.2373
937	11	0.796	-31.02	-0.00	140.0	4.1325	399.0	4.3	464.5	7.2373
937	12	0.796	-34.02	-0.00	140.0	4.1175	399.0	4.3	464.5	7.2373
938	1	0.797	-4.07	-0.00	42.6	1.2013	119.1	4.0	457.4	1.1570

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
938	3	0.797	-2.03	0.00	42.6	1.20274	120.5	3.9	457.3	1.1428
938	4	0.797	-2.04	0.00	41.9	1.19788	118.3	3.3	457.0	1.1598
938	5	0.797	-1.02	0.00	41.6	1.17221	117.4	3.5	456.6	1.1070
938	6	0.799	0.98	0.00	41.6	1.16228	117.0	3.7	456.4	1.1096
938	7	0.798	2.02	0.00	40.6	1.15228	116.5	3.8	456.2	1.1043
938	8	0.799	3.05	0.00	41.3	1.16026	116.5	3.8	456.0	1.1292
938	9	0.797	4.11	0.00	41.3	1.16026	116.5	3.5	456.0	1.1025
938	10	0.799	6.17	0.00	41.6	1.17441	116.5	3.7	455.8	1.1025
938	11	0.799	8.24	0.00	40.6	1.16026	116.5	3.5	455.5	1.1025
938	12	0.600	12.28	0.00	40.6	1.14444	116.5	3.5	455.5	1.1025
939	1	0.394	0.00	0.00	9.6	0.93048	122.7	9.5	457.0	1.1608
939	2	0.396	0.00	0.00	9.6	0.93481	119.8	5.3	456.6	1.1763
939	3	0.398	-2.04	0.00	9.6	0.93100	110.8	3.3	456.6	1.1001
939	4	0.398	-1.04	0.00	9.6	0.93678	110.8	3.1	456.6	0.9857
939	5	0.398	0.97	0.00	9.6	0.93648	109.9	1.2	456.5	0.9061
939	6	0.398	1.54	0.00	9.6	0.93648	111.1	2.3	455.9	0.9061
939	7	0.398	3.04	0.00	9.6	0.93648	111.1	3.4	455.5	0.9061
939	8	0.398	4.06	0.00	9.6	0.93648	111.1	3.3	455.5	0.9061
939	9	0.398	6.12	0.00	9.6	0.93648	111.1	3.3	455.5	0.9061
940	10	0.398	12.13	0.00	9.6	0.93648	111.1	3.3	455.5	0.9061
940	11	0.398	0.00	0.00	57.3	2.70337	6.0	0.0	462.2	3.6873
940	12	0.398	-4.10	0.00	57.3	2.61069	5.5	0.0	462.2	3.6873
940	13	0.398	-2.10	0.00	57.3	2.60821	5.5	1.4	462.2	3.6873
940	14	0.398	0.04	0.00	57.3	2.60821	5.5	7.8	462.2	3.6873
940	15	0.398	0.05	0.00	57.3	2.60821	5.5	7.8	462.2	3.6873
940	16	0.398	0.05	0.00	57.3	2.60821	5.5	7.8	462.2	3.6873
941	16	1.250	-4.08	0.00	55.4	1.0274	153.2	6.2	455.8	1.6339

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
941	17	1	-3.07	-0.00	53.1	0.9852	145.6	5.9	5.2	1.0
941	17	1	-2.15	-0.00	53.8	0.9836	145.1	5.5	5.2	1.0
941	17	1	-1.02	-0.00	52.8	0.9822	145.6	5.5	5.1	1.0
941	16	1	0.98	-0.00	53.1	0.9854	145.6	5.5	5.6	1.0
941	7	1	2.34	-0.00	53.1	0.9972	145.6	5.5	5.5	1.0
941	8	1	4.16	-0.00	53.8	1.0068	145.6	5.5	5.5	1.0
941	13	1	6.16	-0.00	53.5	0.9676	145.2	5.4	5.4	1.0
941	14	1	8.25	-0.00	53.5	0.9679	145.4	4.4	5.8	1.0
941	15	1	10.35	-0.00	53.1	0.9667	145.3	4.4	5.7	1.0
941	16	1	12.46	-0.00	50.2	0.9620	145.4	4.4	5.1	1.0
943	1	1	0.8	0.00	65.2	3.639	178.7	6.1	4.8	1.0
943	2	1	0.8	0.00	65.2	3.639	179.2	6.6	4.9	1.0
943	3	1	0.6	0.00	65.2	3.656	179.2	6.6	5.3	1.0
943	4	1	0.1	0.00	64.5	3.580	179.2	6.6	5.3	1.0
943	5	1	0.05	0.00	65.2	3.566	180.2	6.6	5.4	1.0
943	6	1	0.6	0.00	65.2	3.758	180.2	6.6	5.4	1.0
943	7	1	3.46	0.00	65.2	3.573	180.2	6.6	5.4	1.0
943	8	1	6.23	0.00	65.2	3.590	180.2	6.6	5.4	1.0
943	9	1	10.23	0.00	65.2	3.590	180.2	6.6	5.4	1.0
943	10	1	16.43	0.00	65.2	3.590	180.2	6.6	5.4	1.0
943	11	1	23.43	0.00	65.2	3.590	180.2	6.6	5.4	1.0
943	12	1	31.43	0.00	65.2	3.590	180.2	6.6	5.4	1.0
944	1	1	0.9	0.00	70.4	1.4775	193.0	7.5	5.1	2.0
944	2	1	0.9	0.00	70.1	1.4664	193.0	7.7	5.3	2.0
944	3	1	0.4	0.00	70.1	1.4473	193.0	7.7	5.3	2.0
944	4	1	0.1	0.00	70.4	1.4459	193.0	7.7	5.3	2.0
944	5	1	0.2	0.00	70.4	1.4552	193.0	7.7	5.4	2.0
944	6	1	0.4	0.00	70.4	1.4623	193.0	7.7	5.4	2.0
944	7	1	0.6	0.00	70.4	1.4590	193.0	7.7	5.4	2.0
944	8	1	1.8	0.00	70.1	1.4542	193.0	7.7	5.4	2.0
944	9	1	3.33	0.00	70.1	1.4572	193.0	7.7	5.4	2.0
944	10	1	6.23	0.00	70.1	1.4542	193.0	7.7	5.4	2.0
944	11	1	10.23	0.00	70.1	1.4542	193.0	7.7	5.4	2.0
944	12	1	16.43	0.00	69.4	1.4572	193.0	7.7	5.4	2.0
945	3	1	-4.07	0.00	117.1	2.5088	320.1	12.4	45.7	3.0

TABLE VIII
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
945	4	1.0995	3.06	0.00	117.4	2.4985	319.2	12.5	457.1	3.3486
945	5	1.0977	-2.07	0.00	116.4	2.4748	318.3	12.8	457.9	3.3875
945	6	1.0996	-1.01	-0.00	116.4	2.4661	320.1	13.3	457.1	3.3760
945	8	1.1090	2.07	-0.00	116.1	2.4656	319.7	13.5	457.3	3.4776
945	10	1.1097	3.09	-0.00	116.8	2.4483	319.2	13.9	457.5	3.5072
945	11	1.1093	4.04	0.00	116.7	2.4308	319.2	13.3	457.7	3.5293
945	13	1.1095	6.16	0.00	116.7	2.4567	321.4	14.4	458.0	3.5960
945	14	1.1099	8.33	0.00	116.7	2.4567	321.4	14.4	458.0	3.5960
945	20	1.109A	12.39	0.01	114.5	2.4401	317.4	14.4	459.0	3.5906
946	4	1.0000	7.07	0.00	41.0	0.9088	110.0	4.9	456.9	1.2681
946	5	1.0000	-3.07	-0.00	38.0	0.8403	104.0	5.0	456.2	1.0905
946	6	1.0999	-2.13	-0.00	39.4	0.8592	105.6	5.0	456.0	1.0756
946	8	0.9997	-1.03	-0.00	3A.4	0.8456	103.8	5.0	455.5	1.0802
946	9	0.9990	0.99	-0.00	3A.4	0.8404	103.9	5.0	455.3	1.0757
946	10	1.099A	3.04	-0.00	38.4	0.8386	102.9	5.2	455.2	1.0757
946	11	1.0001	4.09	-0.00	38.1	0.8335	102.9	5.0	455.1	1.0495
946	12	1.0003	6.15	-0.00	3A.4	0.8429	102.9	5.0	455.2	1.0495
946	13	1.0000	8.21	-0.00	37.1	0.8079	101.5	5.7	455.5	1.0236
946	14	1.0000	10.37	-0.00	3A.4	0.8352	101.0	5.7	455.4	1.0236
946	15	1.0997	12.37	-0.00	37.1	0.8158	100.6	5.8	454.4	1.0301
947	1	0.898	4.04	0.00	284.9	7.6320	792.4	35.5	472.6	8.7933
947	2	0.899	-3.02	0.00	283.9	7.5193	794.6	36.0	473.3	8.6616
947	3	0.900	-2.05	0.00	281.3	7.3797	788.4	36.3	473.4	8.6592
947	4	0.897	-1.05	-0.00	281.9	7.2688	789.2	36.5	473.6	8.6893
947	5	0.897	0.97	-0.00	287.4	7.3555	799.8	37.6	473.1	8.9327
947	6	0.900	2.05	-0.00	279.1	7.3412	779.1	37.7	473.6	9.0515
947	7	0.899	3.05	-0.00	279.7	7.2689	786.0	38.0	473.7	9.0436
947	8	0.89A	4.06	-0.00	282.3	7.5859	787.0	38.1	473.7	9.2439
947	10	0.898	6.16	0.00	280.4	7.4649	792.4	39.1	473.8	9.1895
947	11	0.898	8.23	0.00	277.6	7.3553	787.9	39.1	473.8	9.1895
947	12	0.899	10.30	0.00	277.1	7.3523	787.9	39.1	473.8	9.2081
947	13	0.896	12.30	0.00	276.5	7.3386	781.2	39.2	472.9	9.2081
94A	1	0.899	-4.05	-0.00	89.9	2.3406	254.5	12.4	460.3	2.9556

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _C	α	Φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
948	3	0.899	-2.005	-0.000	90.5	2.3581	255.3	12.6	459.6	2.9866
948	4	0.900	-1.006	-0.000	89.9	2.2266	255.4	12.5	459.9	2.9771
948	5	0.899	-1.004	-0.000	89.9	2.2266	255.4	12.5	459.8	2.9753
948	6	0.899	-0.974	-0.000	89.9	2.2266	255.4	12.5	459.8	2.9827
948	7	0.898	3.006	-0.000	89.6	2.2277	255.4	12.5	459.7	2.9190
948	8	0.899	4.001	-0.000	89.6	2.2209	255.3	12.5	459.7	2.9357
948	9	0.898	6.223	-0.000	89.6	2.2029	255.3	12.5	459.7	2.9779
948	10	0.898	10.232	-0.000	88.9	2.3026	255.0	12.5	459.6	2.9614
948	11	0.898		-0.000	88.9	2.3005	255.0	12.5	459.6	2.9634
948	12	0.898		-0.000	88.9	2.3005	255.0	12.5	459.6	2.9634
949	13	0.898		-0.000	88.9	2.3005	255.0	12.5	459.6	2.9634
949	14	0.900	4.117	-0.000	48.7	1.1669	136.3	6.5	454.8	1.7845
949	15	0.899	-3.009	-0.000	47.5	1.1563	135.0	6.6	454.0	1.5550
949	16	0.898	-2.004	-0.000	46.8	1.1563	135.1	6.7	455.6	1.5560
949	17	0.898	-1.004	-0.000	46.8	1.1563	135.2	6.7	455.8	1.5560
949	18	0.898	0.900	-0.000	47.5	1.1563	135.0	6.6	455.3	1.5560
949	19	0.898	3.005	-0.000	46.8	1.1563	135.1	6.7	455.3	1.5560
949	20	0.898	4.007	-0.000	47.5	1.1563	135.1	6.7	455.3	1.5560
949	21	0.898	6.223	-0.000	46.8	1.1563	135.1	6.7	455.3	1.5560
949	22	0.897	10.234	-0.000	47.5	1.1563	135.2	6.6	455.3	1.5560
949	23	0.899		-0.000	47.5	1.1563	135.2	6.6	455.3	1.5560
949	24	0.899		-0.000	47.5	1.1563	135.2	6.6	455.3	1.5560
949	25	0.899		-0.000	47.5	1.1563	135.2	6.6	455.3	1.5560
949	26	0.899		-0.000	47.5	1.1563	135.2	6.6	455.3	1.5560
951	4	0.800	4.006	0.000	31.1	7.1309	655.4	3.3	465.4	7.7288
951	5	0.798	-3.009	0.000	30.0	7.0419	657.7	3.3	465.5	7.7237
951	6	0.797	-2.007	0.000	30.0	7.0419	657.7	3.3	465.5	7.7203
951	7	0.796	-1.005	0.000	29.9	7.0397	657.7	3.3	465.5	7.7203
951	8	0.795	0.903	0.000	29.9	7.0397	657.7	3.3	465.5	7.7203
951	9	0.794	3.003	0.000	29.9	7.0397	657.7	3.3	465.5	7.7203
951	10	0.794	4.007	0.000	29.9	7.0397	657.7	3.3	465.5	7.7203
951	11	0.796	6.216	0.000	28.9	6.9973	656.6	3.3	466.6	7.7203
951	12	0.797	10.217	0.000	27.9	6.9559	656.6	3.3	466.6	7.7203
951	13	0.796		0.000	27.9	6.9559	656.6	3.3	466.6	7.7203
951	14	0.796		0.000	27.9	6.9559	656.6	3.3	466.6	7.7203
951	15	0.796		0.000	27.9	6.9559	656.6	3.3	466.6	7.7203
951	16	0.796		0.000	27.9	6.9559	656.6	3.3	466.6	7.7203
952	17	0.797	-4.007	-0.000	77.9	2.3319	222.9	12.8	456.7	2.8082

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
952	10	0.799	-3.05	0.00	78.2	2.3365	224.7	12.5	456.8	2.7757
953	19	0.797	-2.07	0.00	78.0	3.3491	223.0	12.3	455.4	2.7748
954	20	0.796	-1.04	0.00	77.7	3.4333	222.3	11.5	455.5	2.7907
955	21	0.799	-0.99	0.00	77.5	3.5933	223.0	11.2	454.7	2.8492
956	22	0.798	2.05	0.00	78.2	3.3291	222.9	11.3	454.5	2.8603
957	23	0.796	3.06	0.00	77.9	3.5252	222.2	11.4	454.4	2.8753
958	24	0.796	4.07	0.00	77.7	3.3278	222.3	11.3	454.4	2.8758
959	25	0.798	6.17	0.00	77.6	3.3246	222.3	11.3	454.3	2.8758
960	26	0.798	8.23	0.00	77.6	3.3145	222.3	11.3	454.3	2.8758
961	27	0.798	10.26	0.00	77.6	3.3156	222.3	11.3	454.3	2.8758
962	28	0.798	12.26	0.00	77.6	3.3156	222.3	11.3	454.3	2.8758
963	29	0.798	12.26	0.00	77.6	3.3156	222.3	11.3	454.3	2.8758
964	1	0.796	4.06	0.00	42.6	1.100	121.5	7.1	51.0	1.5492
965	2	0.795	-3.06	0.00	42.3	1.101	119.8	7.0	51.1	1.5417
966	3	0.798	-2.08	0.00	41.8	1.102	119.0	7.0	51.1	1.5439
967	4	0.798	-1.06	0.00	42.3	1.102	117.0	6.9	51.1	1.5426
968	5	0.798	0.96	0.00	41.6	1.102	116.0	6.9	51.1	1.5426
969	6	0.794	3.04	0.00	41.9	1.102	116.0	6.9	51.1	1.5426
970	7	0.797	4.07	0.00	41.9	1.102	116.0	6.9	51.1	1.5426
971	8	0.795	6.10	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
972	9	0.795	8.18	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
973	10	0.794	10.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
974	11	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
975	12	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
976	13	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
977	14	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
978	15	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
979	16	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
980	17	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
981	18	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
982	19	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
983	20	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
984	21	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
985	22	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
986	23	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
987	24	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
988	25	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
989	26	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
990	27	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
991	28	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
992	29	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
993	30	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
994	31	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
995	32	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
996	33	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
997	34	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
998	35	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
999	36	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1000	37	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1001	38	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1002	39	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1003	40	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1004	41	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1005	42	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1006	43	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1007	44	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1008	45	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1009	46	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1010	47	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1011	48	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1012	49	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1013	50	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1014	51	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1015	52	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1016	53	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1017	54	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1018	55	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1019	56	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1020	57	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1021	58	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1022	59	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1023	60	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1024	61	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1025	62	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1026	63	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1027	64	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1028	65	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1029	66	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1030	67	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1031	68	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1032	69	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1033	70	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1034	71	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1035	72	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1036	73	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1037	74	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1038	75	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1039	76	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1040	77	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1041	78	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1042	79	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1043	80	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1044	81	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1045	82	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1046	83	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1047	84	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1048	85	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1049	86	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1050	87	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1051	88	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1052	89	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1053	90	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1054	91	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1055	92	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1056	93	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1057	94	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1058	95	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1059	96	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1060	97	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1061	98	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1062	99	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426
1063	100	0.793	12.25	0.00	42.3	1.102	116.0	6.9	51.1	1.5426

TABLE VIII
 RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS - THRUST EFFECT PHASE

Run	Pt.	M _c	α	φ	P _s	CRT	P _L	ΔP _L	T _L	W _a
956	3	393	-3.03	0.00	11.8	0.6907	30.4	1.5	49.9	0.3593
956	3	393	-2.10	0.00	11.8	0.6919	30.4	1.4	49.0	0.3530
956	4	394	-1.06	0.00	11.8	0.6902	30.4	1.1	45.0	0.3537
956	5	395	-0.04	0.00	11.8	0.6873	30.4	1.4	44.9	0.3517
956	6	393	0.98	0.00	12.5	0.6570	31.3	1.5	44.9	0.3548
956	7	394	1.99	0.00	11.8	0.7575	31.4	1.4	44.9	0.3571
956	8	395	4.01	0.00	11.8	0.6878	30.6	1.4	44.9	0.3584
956	9	395	6.07	0.00	11.8	0.6904	30.8	1.4	44.9	0.3584
956	10	394	10.11	0.00	11.5	0.6922	30.0	1.4	44.9	0.3582
956	11	392	12.12	0.00	11.8	0.6943	31.1	1.4	44.9	0.3532
956	11	393		0.00						