

Table 5.1: Test Matrix and Run Number Index

Model (Builder) Designer	Configuration	V-dist & Profile		Drag Data				Lift & Moment Data				
		Fig.	p.	Fig.	p.	Re	Run #	Fig.	p.	Re	Run #	
E387 (E) (Y. Tinel) Eppler	clean	5.1	46	5.3	47	100,000	BM05141	5.4	48	100,000	BM05140	
		5.2				200,000	BM04979			200,000	BM04978	
						300,000	BM04981			49	300,000	BM04980
						350,000	BM04983				350,000	BM04982/BM05121
						460,000	BM04985			50	460,000	BM04984
						500,000	BM04987				500,000	BM04986
	Zigzag trip type F			5.5	51	100,000	BM04989	5.6	52	100,000	BM04988	
						200,000	BM04991			200,000	BM04990	
FX 63-137 (C) (Y. Tinel) Wortmann	clean	5.7	54	5.9	55	200,000	BM05001	5.10	56	350,000	BM05002	
		5.8				350,000	BM05003				350,000	BM05000
						500,000	BM05005				500,000	BM05004
	Zigzag trip type F			5.11	59	100,000	BM05007	5.12	60	100,000	BM05006	
						150,000	BM05009			150,000	BM05008	
S822 (B) (Y. Tinel) Somers	clean	5.13	64	5.15	65	200,000	BM05021	5.16	66	150,000	BM05018	
		5.14				350,000	BM05023				200,000	BM05020
						500,000	BM05025				350,000	BM05022/BM05125
											500,000	BM05024
	Zigzag trip type F			5.17	69	100,000	BM05027	5.18	70	100,000	BM05026	
						150,000	BM05029			150,000	BM05028	
						200,000	BM05031		71	200,000	BM05030	
						350,000	BM05033				350,000	BM05032/BM05124
						500,000	BM05035				500,000	BM05034

S834 (Y. Tinel) Somers	clean	5.19 5.20	74	5.21	75	100,000 150,000 200,000 350,000 500,000	BM05037 BM05039 BM05041 BM05043 BM05045	5.22	76 77 78	100,000 150,000 200,000 350,000 500,000	BM05036 BM05038 BM05040 BM05042/BM05129 BM05044/BM05130
	Zigzag trip type F			5.23	79	100,000 150,000 200,000 350,000 500,000	BM05047 BM05049 BM05051 BM05053 BM05055	5.24	80 81 82	100,000 150,000 200,000 350,000 500,000	BM05046 BM05048 BM05050 BM05052/BM05128 BM05054/BM05127
SD2030 (B) (Y. Tinel) Selig/Donovan	clean	5.25 5.26	84	5.27	85	100,000 200,000 350,000 500,000	BM05077 BM05079/BM05133 BM05081/BM05134 BM05083/BM05135	5.28	86 87	100,000 200,000 350,000 500,000	BM05094 BM05078 BM05080/BM05132 BM05082
	Zigzag trip type F			5.29	88	100,000 200,000 350,000 500,000	BM05085 BM05087 BM05089 BM05091	5.30	89 90	100,000 200,000 350,000 500,000	BM05095 BM05086 BM05088/BM05131 BM05090
SH3055 (Y. Tinel) Selig/Hanley	clean	5.31 5.32	92	5.33	93	100,000 200,000 350,000 500,000	BM05057 BM05059 BM05061 BM05063	5.34	94 95	100,000 200,000 350,000 500,000	BM05056 BM05058 BM05060 BM05062
	Zigzag trip type F			5.35	96	100,000 200,000 350,000 500,000	BM05065 BM05067 BM05069 BM05071	5.36	97 98	100,000 200,000 350,000 500,000	BM05117 BM05066 BM05068 BM05070