

#	Observation Type	$\alpha$	$\beta$	Rudder	$V_{\infty}$	J	RPS	
N/A	Initial buffer	N/A	N/A	N/A	N/A	N/A		00:25:00 00:00:00 00:25:00
1	Wind -off calibration	-3	-4	0	0	0		00:00:22 00:00:15 00:25:37
2	Wind -off calibration	-3	0	0	0	0		00:00:16 00:00:15 00:26:08
3	Wind -off calibration	-3	3	0	0	0		00:00:12 00:00:15 00:26:35
4	Wind -off calibration	-3	7	0	0	0		00:00:16 00:00:15 00:27:06
5	Wind -off calibration	-3	10	0	0	0		00:00:12 00:00:15 00:27:33
6	Wind -off calibration	0	10	0	0	0		00:00:06 00:00:15 00:27:54
7	Wind -off calibration	0	7	0	0	0		00:00:12 00:00:15 00:28:21
8	Wind-off calibration	0	3	0	0	0		00:00:16 00:00:15 00:28:52
9	Wind -off calibration	0	0	0	0	0		00:00:12 00:00:15 00:29:19
10	Wind-off calibration / Trim	2	2	0	0	0		00:00:12 00:00:15 00:29:46
11	Wind -off calibration	0	-4	0	0	0		00:00:28 00:00:15 00:30:29
12	Wind -off calibration	3	-4	0	0	0		00:00:06 00:00:15 00:30:50
13	Wind -off calibration	3	0	0	0	0		00:00:16 00:00:15 00:31:21
14	Wind -off calibration	3	3	0	0	0		00:00:12 00:00:15 00:31:48
15	Wind -off calibration	3	7	0	0	0		00:00:16 00:00:15 00:32:19
16	Wind -off calibration	3	10	0	0	0		00:00:12 00:00:15 00:32:46
17	Wind -off calibration	6	10	0	0	0		00:00:06 00:00:15 00:33:07
18	Wind -off calibration	6	7	0	0	0		00:00:12 00:00:15 00:33:34
19	Wind -off calibration	6	3	0	0	0		00:00:16 00:00:15 00:34:05
20	Wind -off calibration	6	0	0	0	0		00:00:12 00:00:15 00:34:32
21	Wind -off calibration	6	-4	0	0	0		00:00:16 00:00:15 00:35:03
22	Wind -off calibration	10	-4	0	0	0		00:00:08 00:00:15 00:35:26
23	Wind -off calibration	10	0	0	0	0		00:00:16 00:00:15 00:35:57
24	Wind -off calibration	10	3	0	0	0		00:00:12 00:00:15 00:36:24
25	Wind -off calibration	10	7	0	0	0		00:00:16 00:00:15 00:36:55
26	Wind -off calibration	10	10	0	0	0		00:00:12 00:00:15 00:37:22
27	Wind-on measurements (sweeps) - windmilling	10	10	0	20	N/A		00:01:50 00:00:15 00:39:27
28	Wind-on measurements (sweeps) - windmilling	10	7	0	20	N/A		00:00:12 00:00:15 00:39:54
29	Wind-on measurements (sweeps) - windmilling	10	3	0	20	N/A		00:00:16 00:00:15 00:40:25
30	Wind-on measurements (sweeps) - windmilling	10	0	0	20	N/A		00:00:12 00:00:15 00:40:52
31	Wind-on measurements (sweeps) - windmilling	10	-4	0	20	N/A		00:00:16 00:00:15 00:41:23

32	Wind-on measurements (sweeps) - windmilling	6	-4	0	20	N/A	00:00:08	00:00:15	00:41:46
33	Wind-on measurements (sweeps) - windmilling	6	0	0	20	N/A	00:00:16	00:00:15	00:42:17
34	Wind-on measurements (sweeps) - windmilling	6	3	0	20	N/A	00:00:12	00:00:15	00:42:44
35	Wind-on measurements (sweeps) - windmilling	6	7	0	20	N/A	00:00:16	00:00:15	00:43:15
36	Wind-on measurements (sweeps) - windmilling	6	10	0	20	N/A	00:00:12	00:00:15	00:43:42
37	Wind-on measurements (sweeps) - windmilling	3	10	0	20	N/A	00:00:06	00:00:15	00:44:03
38	Wind-on measurements (sweeps) - windmilling	3	7	0	20	N/A	00:00:12	00:00:15	00:44:30
39	<b>Wind-on measurements (sweeps) - acoustic</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>20</b>	<b>N/A</b>	00:00:16	00:00:30	00:45:16
40	Wind-on measurements (sweeps) - windmilling	3	0	0	20	N/A	00:00:12	00:00:15	00:45:43
41	Wind-on measurements (sweeps) - windmilling	3	-4	0	20	N/A	00:00:16	00:00:15	00:46:14
42	Wind-on measurements (sweeps) - windmilling	0	-4	0	20	N/A	00:00:06	00:00:15	00:46:35
43	Wind-on measurements (sweeps) - windmilling	0	0	0	20	N/A	00:00:16	00:00:15	00:47:06
44	Wind-on measurements (sweeps) - windmilling	0	3	0	20	N/A	00:00:12	00:00:15	00:47:33
45	Wind-on measurements (sweeps) - windmilling	0	7	0	20	N/A	00:00:16	00:00:15	00:48:04
46	Wind-on measurements (sweeps) - windmilling	0	10	0	20	N/A	00:00:12	00:00:15	00:48:31
47	Wind-on measurements (sweeps) - windmilling	-3	10	0	20	N/A	00:00:06	00:00:15	00:48:52
48	Wind-on measurements (sweeps) - windmilling	-3	7	0	20	N/A	00:00:12	00:00:15	00:49:19
49	Wind-on measurements (sweeps) - windmilling	-3	3	0	20	N/A	00:00:16	00:00:15	00:49:50
50	Wind-on measurements (sweeps) - windmilling	-3	0	0	20	N/A	00:00:12	00:00:15	00:50:17
51	Wind-on measurements (sweeps) - windmilling	-3	-4	0	20	N/A	00:00:16	00:00:15	00:50:48
52	Wind-on measurements (sweeps) - windmilling	-3	-4	0	40	N/A	00:01:50	00:00:15	00:52:53
53	Wind-on measurements (sweeps) - windmilling	-3	0	0	40	N/A	00:00:16	00:00:15	00:53:24
54	Wind-on measurements (sweeps) - windmilling	-3	3	0	40	N/A	00:00:12	00:00:15	00:53:51
55	Wind-on measurements (sweeps) - windmilling	-3	7	0	40	N/A	00:00:16	00:00:15	00:54:22
56	Wind-on measurements (sweeps) - windmilling	-3	10	0	40	N/A	00:00:12	00:00:15	00:54:49
57	Wind-on measurements (sweeps) - windmilling	0	10	0	40	N/A	00:00:06	00:00:15	00:55:10
58	Wind-on measurements (sweeps) - windmilling	0	7	0	40	N/A	00:00:12	00:00:15	00:55:37
59	Wind-on measurements (sweeps) - windmilling	0	3	0	40	N/A	00:00:16	00:00:15	00:56:08
60	Wind-on measurements (sweeps) - windmilling	0	0	0	40	N/A	00:00:12	00:00:15	00:56:35
61	Wind-on measurements (sweeps) - windmilling	0	-4	0	40	N/A	00:00:16	00:00:15	00:57:06
62	Wind-on measurements (sweeps) - windmilling	3	-4	0	40	N/A	00:00:06	00:00:15	00:57:27
63	Wind-on measurements (sweeps) - windmilling	3	0	0	40	N/A	00:00:16	00:00:15	00:57:58
64	<b>Wind-on measurements (sweeps) - acoustic</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>40</b>	<b>N/A</b>	00:00:12	00:00:30	00:58:40

65	Wind-on measurements (sweeps) - windmilling	3	7	0	40	N/A		00:00:16	00:00:15	00:59:11
66	Wind-on measurements (sweeps) - windmilling	3	10	0	40	N/A		00:00:12	00:00:15	00:59:38
67	Wind-on measurements (sweeps) - windmilling	6	10	0	40	N/A		00:00:06	00:00:15	00:59:59
68	Wind-on measurements (sweeps) - windmilling	6	7	0	40	N/A		00:00:12	00:00:15	01:00:26
69	Wind-on measurements (sweeps) - windmilling	6	3	0	40	N/A		00:00:16	00:00:15	01:00:57
70	Wind-on measurements (sweeps) - windmilling	6	0	0	40	N/A		00:00:12	00:00:15	01:01:24
71	Wind-on measurements (sweeps) - windmilling	6	-4	0	40	N/A		00:00:16	00:00:15	01:01:55
72	Wind-on measurements (sweeps) - windmilling	10	-4	0	40	N/A		00:00:08	00:00:15	01:02:18
73	Wind-on measurements (sweeps) - windmilling	10	0	0	40	N/A		00:00:16	00:00:15	01:02:49
74	Wind-on measurements (sweeps) - windmilling	10	3	0	40	N/A		00:00:12	00:00:15	01:03:16
75	Wind-on measurements (sweeps) - windmilling	10	7	0	40	N/A		00:00:16	00:00:15	01:03:47
76	Wind-on measurements (sweeps) - windmilling	10	10	0	40	N/A		00:00:12	00:00:15	01:04:14
77	Wind-on measurements (sweeps) - thrust	10	10	0	40	1.6	123	00:00:35	00:00:15	01:05:04
78	Wind-on measurements (sweeps) - thrust	10	7	0	40	1.6	123	00:00:12	00:00:15	01:05:31
79	Wind-on measurements (sweeps) - thrust	10	3	0	40	1.6	123	00:00:16	00:00:15	01:06:02
80	Wind-on measurements (sweeps) - thrust	10	0	0	40	1.6	123	00:00:12	00:00:15	01:06:29
81	Wind-on measurements (sweeps) - thrust	10	-4	0	40	1.6	123	00:00:16	00:00:15	01:07:00
82	Wind-on measurements (sweeps) - thrust	6	-4	0	40	1.6	123	00:00:08	00:00:15	01:07:23
83	Wind-on measurements (sweeps) - thrust	6	0	0	40	1.6	123	00:00:16	00:00:15	01:07:54
84	Wind-on measurements (sweeps) - thrust	6	3	0	40	1.6	123	00:00:12	00:00:15	01:08:21
85	Wind-on measurements (sweeps) - thrust	6	7	0	40	1.6	123	00:00:16	00:00:15	01:08:52
86	Wind-on measurements (sweeps) - thrust	6	10	0	40	1.6	123	00:00:12	00:00:15	01:09:19
87	Wind-on measurements (sweeps) - thrust	3	10	0	40	1.6	123	00:00:06	00:00:15	01:09:40
88	Wind-on measurements (sweeps) - thrust	3	7	0	40	1.6	123	00:00:12	00:00:15	01:10:07
89	Wind-on measurements (sweeps) - acoustic	3	3	0	40	1.6	123	00:00:16	00:00:30	01:10:53
90	Wind-on measurements (sweeps) - thrust	3	0	0	40	1.6	123	00:00:12	00:00:15	01:11:20
91	Wind-on measurements (sweeps) - thrust	3	-4	0	40	1.6	123	00:00:16	00:00:15	01:11:51
92	Wind-on measurements (sweeps) - thrust	0	-4	0	40	1.6	123	00:00:06	00:00:15	01:12:12
93	Wind-on measurements (sweeps) - thrust	0	0	0	40	1.6	123	00:00:16	00:00:15	01:12:43
94	Wind-on measurements (sweeps) - thrust	0	3	0	40	1.6	123	00:00:12	00:00:15	01:13:10
95	Wind-on measurements (sweeps) - thrust	0	7	0	40	1.6	123	00:00:16	00:00:15	01:13:41
96	Wind-on measurements (sweeps) - thrust	0	10	0	40	1.6	123	00:00:12	00:00:15	01:14:08

97	Wind-on measurements (sweeps) - thrust	-3	10	0	40	1.6	123	00:00:06	00:00:15	01:14:29
98	Wind-on measurements (sweeps) - thrust	-3	7	0	40	1.6	123	00:00:12	00:00:15	01:14:56
99	Wind-on measurements (sweeps) - thrust	-3	3	0	40	1.6	123	00:00:16	00:00:15	01:15:27
100	Wind-on measurements (sweeps) - thrust	-3	0	0	40	1.6	123	00:00:12	00:00:15	01:15:54
101	Wind-on measurements (sweeps) - thrust	-3	-4	0	40	1.6	123	00:00:16	00:00:15	01:16:25
102	Wind-on measurements (sweeps) - thrust	-3	-4	0	40	2	98	00:00:35	00:00:15	01:17:15
103	Wind-on measurements (sweeps) - thrust	-3	0	0	40	2	98	00:00:16	00:00:15	01:17:46
104	Wind-on measurements (sweeps) - thrust	-3	3	0	40	2	98	00:00:12	00:00:15	01:18:13
105	Wind-on measurements (sweeps) - thrust	-3	7	0	40	2	98	00:00:16	00:00:15	01:18:44
106	Wind-on measurements (sweeps) - thrust	-3	10	0	40	2	98	00:00:12	00:00:15	01:19:11
107	Wind-on measurements (sweeps) - thrust	0	10	0	40	2	98	00:00:06	00:00:15	01:19:32
108	Wind-on measurements (sweeps) - thrust	0	7	0	40	2	98	00:00:12	00:00:15	01:19:59
109	Wind-on measurements (sweeps) - thrust	0	3	0	40	2	98	00:00:16	00:00:15	01:20:30
110	Wind-on measurements (sweeps) - thrust	0	0	0	40	2	98	00:00:12	00:00:15	01:20:57
111	Wind-on measurements (sweeps) - thrust	0	-4	0	40	2	98	00:00:16	00:00:15	01:21:28
112	Wind-on measurements (sweeps) - thrust	3	-4	0	40	2	98	00:00:06	00:00:15	01:21:49
113	Wind-on measurements (sweeps) - thrust	3	0	0	40	2	98	00:00:16	00:00:15	01:22:20
114	Wind-on measurements (sweeps) - acoustic	3	3	0	40	2	98	00:00:12	00:00:30	01:23:02
115	Wind-on measurements (sweeps) - thrust	3	7	0	40	2	98	00:00:16	00:00:15	01:23:33
116	Wind-on measurements (sweeps) - thrust	3	10	0	40	2	98	00:00:12	00:00:15	01:24:00
117	Wind-on measurements (sweeps) - thrust	6	10	0	40	2	98	00:00:06	00:00:15	01:24:21
118	Wind-on measurements (sweeps) - thrust	6	7	0	40	2	98	00:00:12	00:00:15	01:24:48
119	Wind-on measurements (sweeps) - thrust	6	3	0	40	2	98	00:00:16	00:00:15	01:25:19
120	Wind-on measurements (sweeps) - thrust	6	0	0	40	2	98	00:00:12	00:00:15	01:25:46
121	Wind-on measurements (sweeps) - thrust	6	-4	0	40	2	98	00:00:16	00:00:15	01:26:17
122	Wind-on measurements (sweeps) - thrust	10	-4	0	40	2	98	00:00:08	00:00:15	01:26:40
123	Wind-on measurements (sweeps) - thrust	10	0	0	40	2	98	00:00:16	00:00:15	01:27:11
124	Wind-on measurements (sweeps) - thrust	10	3	0	40	2	98	00:00:12	00:00:15	01:27:38
125	Wind-on measurements (sweeps) - thrust	10	7	0	40	2	98	00:00:16	00:00:15	01:28:09
126	Wind-on measurements (sweeps) - thrust	10	10	0	40	2	98	00:00:12	00:00:15	01:28:36
127	Wind-on measurements (sweeps) - thrust	10	10	0	20	2	49	00:01:50	00:00:15	01:30:41
128	Wind-on measurements (sweeps) - thrust	10	7	0	20	2	49	00:00:12	00:00:15	01:31:08
129	Wind-on measurements (sweeps) - thrust	10	3	0	20	2	49	00:00:16	00:00:15	01:31:39

130	Wind-on measurements (sweeps) - thrust	10	0	0	20	2	49	00:00:12	00:00:15	01:32:06
131	Wind-on measurements (sweeps) - thrust	10	-4	0	20	2	49	00:00:16	00:00:15	01:32:37
132	Wind-on measurements (sweeps) - thrust	6	-4	0	20	2	49	00:00:08	00:00:15	01:33:00
133	Wind-on measurements (sweeps) - thrust	6	0	0	20	2	49	00:00:16	00:00:15	01:33:31
134	Wind-on measurements (sweeps) - thrust	6	3	0	20	2	49	00:00:12	00:00:15	01:33:58
135	Wind-on measurements (sweeps) - thrust	6	7	0	20	2	49	00:00:16	00:00:15	01:34:29
136	Wind-on measurements (sweeps) - thrust	6	10	0	20	2	49	00:00:12	00:00:15	01:34:56
137	Wind-on measurements (sweeps) - thrust	3	10	0	20	2	49	00:00:06	00:00:15	01:35:17
138	Wind-on measurements (sweeps) - thrust	3	7	0	20	2	49	00:00:12	00:00:15	01:35:44
139	<b>Wind-on measurements (sweeps) - acoustic</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>20</b>	<b>2</b>	49	00:00:16	00:00:30	01:36:30
140	Wind-on measurements (sweeps) - thrust	3	0	0	20	2	49	00:00:12	00:00:15	01:36:57
141	Wind-on measurements (sweeps) - thrust	3	-4	0	20	2	49	00:00:16	00:00:15	01:37:28
142	Wind-on measurements (sweeps) - thrust	0	-4	0	20	2	49	00:00:06	00:00:15	01:37:49
143	Wind-on measurements (sweeps) - thrust	0	0	0	20	2	49	00:00:16	00:00:15	01:38:20
144	Wind-on measurements (sweeps) - thrust	0	3	0	20	2	49	00:00:12	00:00:15	01:38:47
145	Wind-on measurements (sweeps) - thrust	0	7	0	20	2	49	00:00:16	00:00:15	01:39:18
146	Wind-on measurements (sweeps) - thrust	0	10	0	20	2	49	00:00:12	00:00:15	01:39:45
147	Wind-on measurements (sweeps) - thrust	-3	10	0	20	2	49	00:00:06	00:00:15	01:40:06
148	Wind-on measurements (sweeps) - thrust	-3	7	0	20	2	49	00:00:12	00:00:30	01:40:48
149	Wind-on measurements (sweeps) - thrust	-3	3	0	20	2	49	00:00:16	00:00:15	01:41:19
150	Wind-on measurements (sweeps) - thrust	-3	0	0	20	2	49	00:00:12	00:00:15	01:41:46
151	Wind-on measurements (sweeps) - thrust	-3	-4	0	20	2	49	00:00:16	00:00:15	01:42:17
152	Wind-on measurements (sweeps) - thrust	10	10	0	20	1.6	62	00:00:35	00:00:15	01:43:07
153	Wind-on measurements (sweeps) - thrust	10	7	0	20	1.6	62	00:00:12	00:00:15	01:43:34
154	Wind-on measurements (sweeps) - thrust	10	3	0	20	1.6	62	00:00:16	00:00:15	01:44:05
155	Wind-on measurements (sweeps) - thrust	10	0	0	20	1.6	62	00:00:12	00:00:15	01:44:32
156	Wind-on measurements (sweeps) - thrust	10	-4	0	20	1.6	62	00:00:16	00:00:15	01:45:03
157	Wind-on measurements (sweeps) - thrust	6	-4	0	20	1.6	62	00:00:08	00:00:15	01:45:26
158	Wind-on measurements (sweeps) - thrust	6	0	0	20	1.6	62	00:00:16	00:00:15	01:45:57
159	Wind-on measurements (sweeps) - thrust	6	3	0	20	1.6	62	00:00:12	00:00:15	01:46:24
160	Wind-on measurements (sweeps) - thrust	6	7	0	20	1.6	62	00:00:16	00:00:15	01:46:55
161	Wind-on measurements (sweeps) - thrust	6	10	0	20	1.6	62	00:00:12	00:00:15	01:47:22
162	Wind-on measurements (sweeps) - thrust	3	10	0	20	1.6	62	00:00:06	00:00:15	01:47:43

163	Wind-on measurements (sweeps) - thrust	3	7	0	20	1.6	62	00:00:12	00:00:15	01:48:10
164	<b>Wind-on measurements (sweeps) - acoustic</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>20</b>	<b>1.6</b>	62	00:00:16	00:00:30	01:48:56
165	Wind-on measurements (sweeps) - thrust	3	0	0	20	1.6	62	00:00:12	00:00:15	01:49:23
166	Wind-on measurements (sweeps) - thrust	3	-4	0	20	1.6	62	00:00:16	00:00:15	01:49:54
167	Wind-on measurements (sweeps) - thrust	0	-4	0	20	1.6	62	00:00:06	00:00:15	01:50:15
168	Wind-on measurements (sweeps) - thrust	0	0	0	20	1.6	62	00:00:16	00:00:15	01:50:46
169	Wind-on measurements (sweeps) - thrust	0	3	0	20	1.6	62	00:00:12	00:00:15	01:51:13
170	Wind-on measurements (sweeps) - thrust	0	7	0	20	1.6	62	00:00:16	00:00:15	01:51:44
171	Wind-on measurements (sweeps) - thrust	0	10	0	20	1.6	62	00:00:12	00:00:15	01:52:11
172	Wind-on measurements (sweeps) - thrust	-3	10	0	20	1.6	62	00:00:06	00:00:15	01:52:32
173	Wind-on measurements (sweeps) - thrust	-3	7	0	20	1.6	62	00:00:12	00:00:30	01:53:14
174	Wind-on measurements (sweeps) - thrust	-3	3	0	20	1.6	62	00:00:16	00:00:15	01:53:45
175	Wind-on measurements (sweeps) - thrust	-3	0	0	20	1.6	62	00:00:12	00:00:15	01:54:12
176	Wind-on measurements (sweeps) - thrust	-3	-4	0	20	1.6	62	00:00:16	00:00:15	01:54:43
177	<b>Derivative Tests</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>20</b>	<b>1.6</b>	62	00:00:34	00:00:15	01:55:32
178	Derivative Tests	2	2	0	40	1.6	123	00:01:50	00:00:15	01:57:37
179	Derivative Tests	2	2	0	40	2	98	00:00:35	00:00:15	01:58:27
180	Derivative Tests	2	2	0	20	2	49	00:01:50	00:00:15	02:00:32
181	Derivative Tests	2	2	5	20	2	49	00:15:00	00:00:15	02:15:47
182	Derivative Tests	2	2	5	40	2	98	00:01:50	00:00:15	02:17:52
183	Derivative Tests	2	2	5	40	1.6	123	00:00:35	00:00:15	02:18:42
184	Derivative Tests	2	2	5	20	1.6	62	00:01:50	00:00:15	02:20:47
185	Derivative Tests	2	2	10	20	1.6	62	00:15:00	00:00:15	02:36:02
186	Derivative Tests	2	2	10	40	1.6	123	00:01:50	00:00:15	02:38:07
187	Derivative Tests	2	2	10	40	2	98	00:00:35	00:00:15	02:38:57
188	Derivative Tests	2	2	10	20	2	49	00:01:50	00:00:15	02:41:02
185	Derivative Tests	2	2	15	20	2	49	00:15:00	00:00:15	02:56:17
186	Derivative Tests	2	2	15	40	2	98	00:01:50	00:00:15	02:58:22
187	Derivative Tests	2	2	15	40	1.6	123	00:00:35	00:00:15	02:59:12
188	Derivative Tests	2	2	15	20	1.6	62	00:01:50	00:00:15	03:01:17