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1 # Onboard parameters for Vehicle 1
2 #
3 # Stack: PX4 Pro
4 # Vehicle: VTOL
5 # Version: 1.14.3
6 # Git Revision: 1dacb4cdef000000
7 #
8 # Vehicle-Id Component-Id Name Value Type
9 1 1 ASPD_BETA_GATE 1 6
10 1 1 ASPD_BETA_NOISE 0.300000011920928955 9
11 1 1 ASPD_DO_CHECKS 7 6
12 1 1 ASPD_FALLBACK_GW 0 6
13 1 1 ASPD_FS_INNOV 5.000000000000000000 9
14 1 1 ASPD_FS_INTEG 10.000000000000000000 9
15 1 1 ASPD_FS_T_START -1 6
16 1 1 ASPD_FS_T_STOP 2 6
17 1 1 ASPD_PRIMARY -1 6
18 1 1 ASPD_SCALE_1 1.000000000000000000 9
19 1 1 ASPD_SCALE_2 1.000000000000000000 9
20 1 1 ASPD_SCALE_3 1.000000000000000000 9
21 1 1 ASPD_SCALE_APPLY 2 6
22 1 1 ASPD_SCALE_NSD 0.000099999997473788 9
23 1 1 ASPD_TAS_GATE 3 6
24 1 1 ASPD_TAS_NOISE 1.399999976158142090 9
25 1 1 ASPD_WERR_THR 0.550000011920928955 9
26 1 1 ASPD_WIND_NSD 0.009999999776482582 9
27 1 1 BAT1_A_PER_V -1.000000000000000000 9
28 1 1 BAT1_CAPACITY 5000.000000000000000000 9
29 1 1 BAT1_I_CHANNEL -1 6
30 1 1 BAT1_N_CELLS 12 6
31 1 1 BAT1_R_INTERNAL 0.004999999888241291 9
32 1 1 BAT1_SOURCE 0 6
33 1 1 BAT1_V_CHANNEL -1 6
34 1 1 BAT1_V_CHARGED 4.199999809265136719 9
35 1 1 BAT1_V_DIV 18.778455734252929688 9
36 1 1 BAT1_V_EMPTY 3.299999952316284180 9
37 1 1 BAT1_V_LOAD_DROP 0.100000001490116119 9
38 1 1 BAT2_A_PER_V 36.367515563964843750 9
39 1 1 BAT2_CAPACITY -1.000000000000000000 9
40 1 1 BAT2_I_CHANNEL -1 6
41 1 1 BAT2_N_CELLS 6 6
42 1 1 BAT2_R_INTERNAL 0.004999999888241291 9
43 1 1 BAT2_SOURCE -1 6
44 1 1 BAT2_V_CHANNEL -1 6
45 1 1 BAT2_V_CHARGED 4.199999809265136719 9
46 1 1 BAT2_V_DIV 18.100000381469726563 9
47 1 1 BAT2_V_EMPTY 3.599999904632568359 9
48 1 1 BAT2_V_LOAD_DROP 0.100000001490116119 9
49 1 1 BAT_AVRG_CURRENT 15.000000000000000000 9
50 1 1 BAT_CRIT_THR 0.070000000298023224 9
51 1 1 BAT_EMERGEN_THR 0.050000000745058060 9
52 1 1 BAT_LOW_THR 0.150000005960464478 9
53 1 1 BAT_N_CELLS 3 6
54 1 1 BAT_V_CHARGED 4.050000190734863281 9
55 1 1 BAT_V_EMPTY 3.599999904632568359 9
56 1 1 BAT_V_LOAD_DROP 0.300000011920928955 9
57 1 1 BAT_V_OFFS_CURR 0.000000000000000000 9
58 1 1 CAL_ACC0_ID 4259850 6
59 1 1 CAL_ACC0_PRIO 50 6
60 1 1 CAL_ACC0_ROT -1 6
61 1 1 CAL_ACC0_XOFF -0.638845086097717285 9
62 1 1 CAL_ACC0_XSCALE 0.985756754875183105 9
63 1 1 CAL_ACC0_YOFF 0.003483678214251995 9
64 1 1 CAL_ACC0_YSCALE 0.990169942378997803 9
65 1 1 CAL_ACC0_ZOFF 0.107998706400394440 9
66 1 1 CAL_ACC0_ZSCALE 0.980519354343414307 9
67 1 1 CAL_ACC1_ID 2490378 6
68 1 1 CAL_ACC1_PRIO 50 6
69 1 1 CAL_ACC1_ROT -1 6
70 1 1 CAL_ACC1_XOFF 0.130224302411079407 9
71 1 1 CAL_ACC1_XSCALE 1.000000000000000000 9
72 1 1 CAL_ACC1_YOFF -0.026528894901275635 9
73 1 1 CAL_ACC1_YSCALE 1.000000000000000000 9

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74	1	1	CAL_ACC1_ZOFF	-0.202269867062568665	9
75	1	1	CAL_ACC1_ZSCALE	1.000000000000000000	9
76	1	1	CAL_ACC2_ID	0 6	
77	1	1	CAL_ACC3_ID	0 6	
78	1	1	CAL_AIR_CMODEL	0 6	
79	1	1	CAL_AIR_TUBED_MM	1.500000000000000000	9
80	1	1	CAL_AIR_TUBELEN	0.200000002980232239	9
81	1	1	CAL_BAR00_ID	0 6	
82	1	1	CAL_BAR01_ID	0 6	
83	1	1	CAL_BAR02_ID	0 6	
84	1	1	CAL_BAR03_ID	0 6	
85	1	1	CAL_GYRO0_ID	4325386 6	
86	1	1	CAL_GYRO0_PRIO	50 6	
87	1	1	CAL_GYRO0_ROT	-1 6	
88	1	1	CAL_GYRO0_XOFF	0.000138263218104839	9
89	1	1	CAL_GYRO0_YOFF	0.008248934522271156	9
90	1	1	CAL_GYRO0_ZOFF	0.001060248352587223	9
91	1	1	CAL_GYRO1_ID	2490378 6	
92	1	1	CAL_GYRO1_PRIO	50 6	
93	1	1	CAL_GYRO1_ROT	-1 6	
94	1	1	CAL_GYRO1_XOFF	-0.009282343089580536	9
95	1	1	CAL_GYRO1_YOFF	-0.014716213569045067	9
96	1	1	CAL_GYRO1_ZOFF	-0.010823977179825306	9
97	1	1	CAL_GYRO2_ID	0 6	
98	1	1	CAL_GYRO3_ID	0 6	
99	1	1	CAL_MAG0_ID	396321 6	
100	1	1	CAL_MAG0_PRIO	50 6	
101	1	1	CAL_MAG0_ROT	-1 6	
102	1	1	CAL_MAG0_XCOMP	0.000000000000000000	9
103	1	1	CAL_MAG0_XODIAG	0.000000000000000000	9
104	1	1	CAL_MAG0_XOFF	0.037937216460704803	9
105	1	1	CAL_MAG0_XSCALE	1.000000000000000000	9
106	1	1	CAL_MAG0_YCOMP	0.000000000000000000	9
107	1	1	CAL_MAG0_YODIAG	0.000000000000000000	9
108	1	1	CAL_MAG0_YOFF	0.026622647419571877	9
109	1	1	CAL_MAG0_YSCALE	1.000000000000000000	9
110	1	1	CAL_MAG0_ZCOMP	0.000000000000000000	9
111	1	1	CAL_MAG0_ZODIAG	0.000000000000000000	9
112	1	1	CAL_MAG0_ZOFF	0.133557021617889404	9
113	1	1	CAL_MAG0_ZSCALE	1.000000000000000000	9
114	1	1	CAL_MAG1_ID	396809 6	
115	1	1	CAL_MAG1_PRIO	75 6	
116	1	1	CAL_MAG1_ROT	0 6	
117	1	1	CAL_MAG1_XCOMP	0.000000000000000000	9
118	1	1	CAL_MAG1_XODIAG	0.000000000000000000	9
119	1	1	CAL_MAG1_XOFF	-0.091796435415744781	9
120	1	1	CAL_MAG1_XSCALE	1.000000000000000000	9
121	1	1	CAL_MAG1_YCOMP	0.000000000000000000	9
122	1	1	CAL_MAG1_YODIAG	0.000000000000000000	9
123	1	1	CAL_MAG1_YOFF	-0.097404927015304565	9
124	1	1	CAL_MAG1_YSCALE	1.000000000000000000	9
125	1	1	CAL_MAG1_ZCOMP	0.000000000000000000	9
126	1	1	CAL_MAG1_ZODIAG	0.000000000000000000	9
127	1	1	CAL_MAG1_ZOFF	0.078076012432575226	9
128	1	1	CAL_MAG1_ZSCALE	1.000000000000000000	9
129	1	1	CAL_MAG2_ID	0 6	
130	1	1	CAL_MAG2_ROT	-1 6	
131	1	1	CAL_MAG3_ID	0 6	
132	1	1	CAL_MAG3_ROT	-1 6	
133	1	1	CAL_MAG_COMP_TYP	0 6	
134	1	1	CAL_MAG_SIDES	63 6	
135	1	1	CAM_CAP_FBACK	0 6	
136	1	1	CA_AIRFRAME	3 6	
137	1	1	CA_FAILURE_MODE	0 6	
138	1	1	CA_METHOD	2 6	
139	1	1	CA_R0_SLEW	0.000000000000000000	9
140	1	1	CA_R10_SLEW	0.000000000000000000	9
141	1	1	CA_R11_SLEW	0.000000000000000000	9
142	1	1	CA_R1_SLEW	0.000000000000000000	9
143	1	1	CA_R2_SLEW	0.000000000000000000	9
144	1	1	CA_R3_SLEW	0.000000000000000000	9
145	1	1	CA_R4_SLEW	0.000000000000000000	9
146	1	1	CA_R5_SLEW	0.000000000000000000	9

147	1	1	CA_R6_SLEW	0.00000000000000000000	9
148	1	1	CA_R7_SLEW	0.00000000000000000000	9
149	1	1	CA_R8_SLEW	0.00000000000000000000	9
150	1	1	CA_R9_SLEW	0.00000000000000000000	9
151	1	1	CA_ROTOR0_AX	0.00000000000000000000	9
152	1	1	CA_ROTOR0_AY	0.00000000000000000000	9
153	1	1	CA_ROTOR0_AZ	-1.00000000000000000000	9
154	1	1	CA_ROTOR0_CT	6.50000000000000000000	9
155	1	1	CA_ROTOR0_KM	0.050000000745058060	9
156	1	1	CA_ROTOR0_PX	0.150000005960464478	9
157	1	1	CA_ROTOR0_PY	0.150000005960464478	9
158	1	1	CA_ROTOR0_PZ	0.00000000000000000000	9
159	1	1	CA_ROTOR0_TILT	1 6	
160	1	1	CA_ROTOR10_AX	0.00000000000000000000	9
161	1	1	CA_ROTOR10_AY	0.00000000000000000000	9
162	1	1	CA_ROTOR10_AZ	-1.00000000000000000000	9
163	1	1	CA_ROTOR10_CT	6.50000000000000000000	9
164	1	1	CA_ROTOR10_KM	0.050000000745058060	9
165	1	1	CA_ROTOR10_PX	0.00000000000000000000	9
166	1	1	CA_ROTOR10_PY	0.00000000000000000000	9
167	1	1	CA_ROTOR10_PZ	0.00000000000000000000	9
168	1	1	CA_ROTOR10_TILT	0 6	
169	1	1	CA_ROTOR11_AX	0.00000000000000000000	9
170	1	1	CA_ROTOR11_AY	0.00000000000000000000	9
171	1	1	CA_ROTOR11_AZ	-1.00000000000000000000	9
172	1	1	CA_ROTOR11_CT	6.50000000000000000000	9
173	1	1	CA_ROTOR11_KM	0.050000000745058060	9
174	1	1	CA_ROTOR11_PX	0.00000000000000000000	9
175	1	1	CA_ROTOR11_PY	0.00000000000000000000	9
176	1	1	CA_ROTOR11_PZ	0.00000000000000000000	9
177	1	1	CA_ROTOR11_TILT	0 6	
178	1	1	CA_ROTOR1_AX	0.00000000000000000000	9
179	1	1	CA_ROTOR1_AY	0.00000000000000000000	9
180	1	1	CA_ROTOR1_AZ	-1.00000000000000000000	9
181	1	1	CA_ROTOR1_CT	6.50000000000000000000	9
182	1	1	CA_ROTOR1_KM	0.050000000745058060	9
183	1	1	CA_ROTOR1_PX	-0.150000005960464478	9
184	1	1	CA_ROTOR1_PY	-0.150000005960464478	9
185	1	1	CA_ROTOR1_PZ	0.00000000000000000000	9
186	1	1	CA_ROTOR1_TILT	2 6	
187	1	1	CA_ROTOR2_AX	0.00000000000000000000	9
188	1	1	CA_ROTOR2_AY	0.00000000000000000000	9
189	1	1	CA_ROTOR2_AZ	-1.00000000000000000000	9
190	1	1	CA_ROTOR2_CT	6.50000000000000000000	9
191	1	1	CA_ROTOR2_KM	-0.050000000745058060	9
192	1	1	CA_ROTOR2_PX	0.150000005960464478	9
193	1	1	CA_ROTOR2_PY	-0.150000005960464478	9
194	1	1	CA_ROTOR2_PZ	0.00000000000000000000	9
195	1	1	CA_ROTOR2_TILT	3 6	
196	1	1	CA_ROTOR3_AX	0.00000000000000000000	9
197	1	1	CA_ROTOR3_AY	0.00000000000000000000	9
198	1	1	CA_ROTOR3_AZ	-1.00000000000000000000	9
199	1	1	CA_ROTOR3_CT	6.50000000000000000000	9
200	1	1	CA_ROTOR3_KM	-0.050000000745058060	9
201	1	1	CA_ROTOR3_PX	-0.150000005960464478	9
202	1	1	CA_ROTOR3_PY	0.150000005960464478	9
203	1	1	CA_ROTOR3_PZ	0.00000000000000000000	9
204	1	1	CA_ROTOR3_TILT	4 6	
205	1	1	CA_ROTOR4_AX	0.00000000000000000000	9
206	1	1	CA_ROTOR4_AY	0.00000000000000000000	9
207	1	1	CA_ROTOR4_AZ	-1.00000000000000000000	9
208	1	1	CA_ROTOR4_CT	6.50000000000000000000	9
209	1	1	CA_ROTOR4_KM	0.050000000745058060	9
210	1	1	CA_ROTOR4_PX	0.00000000000000000000	9
211	1	1	CA_ROTOR4_PY	0.00000000000000000000	9
212	1	1	CA_ROTOR4_PZ	0.00000000000000000000	9
213	1	1	CA_ROTOR4_TILT	0 6	
214	1	1	CA_ROTOR5_AX	0.00000000000000000000	9
215	1	1	CA_ROTOR5_AY	0.00000000000000000000	9
216	1	1	CA_ROTOR5_AZ	-1.00000000000000000000	9
217	1	1	CA_ROTOR5_CT	6.50000000000000000000	9
218	1	1	CA_ROTOR5_KM	0.050000000745058060	9
219	1	1	CA_ROTOR5_PX	0.00000000000000000000	9

220	1	1	CA_ROTOR5_PY	0.00000000000000000000	9
221	1	1	CA_ROTOR5_PZ	0.00000000000000000000	9
222	1	1	CA_ROTOR5_TILT	0 6	
223	1	1	CA_ROTOR6_AX	0.00000000000000000000	9
224	1	1	CA_ROTOR6_AY	0.00000000000000000000	9
225	1	1	CA_ROTOR6_AZ	-1.00000000000000000000	9
226	1	1	CA_ROTOR6_CT	6.50000000000000000000	9
227	1	1	CA_ROTOR6_KM	0.050000000745058060	9
228	1	1	CA_ROTOR6_PX	0.00000000000000000000	9
229	1	1	CA_ROTOR6_PY	0.00000000000000000000	9
230	1	1	CA_ROTOR6_PZ	0.00000000000000000000	9
231	1	1	CA_ROTOR6_TILT	0 6	
232	1	1	CA_ROTOR7_AX	0.00000000000000000000	9
233	1	1	CA_ROTOR7_AY	0.00000000000000000000	9
234	1	1	CA_ROTOR7_AZ	-1.00000000000000000000	9
235	1	1	CA_ROTOR7_CT	6.50000000000000000000	9
236	1	1	CA_ROTOR7_KM	0.050000000745058060	9
237	1	1	CA_ROTOR7_PX	0.00000000000000000000	9
238	1	1	CA_ROTOR7_PY	0.00000000000000000000	9
239	1	1	CA_ROTOR7_PZ	0.00000000000000000000	9
240	1	1	CA_ROTOR7_TILT	0 6	
241	1	1	CA_ROTOR8_AX	0.00000000000000000000	9
242	1	1	CA_ROTOR8_AY	0.00000000000000000000	9
243	1	1	CA_ROTOR8_AZ	-1.00000000000000000000	9
244	1	1	CA_ROTOR8_CT	6.50000000000000000000	9
245	1	1	CA_ROTOR8_KM	0.050000000745058060	9
246	1	1	CA_ROTOR8_PX	0.00000000000000000000	9
247	1	1	CA_ROTOR8_PY	0.00000000000000000000	9
248	1	1	CA_ROTOR8_PZ	0.00000000000000000000	9
249	1	1	CA_ROTOR8_TILT	0 6	
250	1	1	CA_ROTOR9_AX	0.00000000000000000000	9
251	1	1	CA_ROTOR9_AY	0.00000000000000000000	9
252	1	1	CA_ROTOR9_AZ	-1.00000000000000000000	9
253	1	1	CA_ROTOR9_CT	6.50000000000000000000	9
254	1	1	CA_ROTOR9_KM	0.050000000745058060	9
255	1	1	CA_ROTOR9_PX	0.00000000000000000000	9
256	1	1	CA_ROTOR9_PY	0.00000000000000000000	9
257	1	1	CA_ROTOR9_PZ	0.00000000000000000000	9
258	1	1	CA_ROTOR9_TILT	0 6	
259	1	1	CA_ROTOR_COUNT	4 6	
260	1	1	CA_R_REV	0 6	
261	1	1	CA_SV0_SLEW	0.00000000000000000000	9
262	1	1	CA_SV1_SLEW	0.00000000000000000000	9
263	1	1	CA_SV2_SLEW	0.00000000000000000000	9
264	1	1	CA_SV3_SLEW	0.00000000000000000000	9
265	1	1	CA_SV4_SLEW	0.00000000000000000000	9
266	1	1	CA_SV5_SLEW	0.00000000000000000000	9
267	1	1	CA_SV6_SLEW	0.00000000000000000000	9
268	1	1	CA_SV7_SLEW	0.00000000000000000000	9
269	1	1	CA_SV_CS0_FLAP	0.00000000000000000000	9
270	1	1	CA_SV_CS0_SPOIL	0.00000000000000000000	9
271	1	1	CA_SV_CS0_TRIM	0.00000000000000000000	9
272	1	1	CA_SV_CS0_TRQ_P	0.00000000000000000000	9
273	1	1	CA_SV_CS0_TRQ_R	-0.50000000000000000000	9
274	1	1	CA_SV_CS0_TRQ_Y	0.00000000000000000000	9
275	1	1	CA_SV_CS0_TYPE	1 6	
276	1	1	CA_SV_CS1_FLAP	0.00000000000000000000	9
277	1	1	CA_SV_CS1_SPOIL	0.00000000000000000000	9
278	1	1	CA_SV_CS1_TRIM	0.00000000000000000000	9
279	1	1	CA_SV_CS1_TRQ_P	0.00000000000000000000	9
280	1	1	CA_SV_CS1_TRQ_R	0.50000000000000000000	9
281	1	1	CA_SV_CS1_TRQ_Y	0.00000000000000000000	9
282	1	1	CA_SV_CS1_TYPE	2 6	
283	1	1	CA_SV_CS2_FLAP	0.00000000000000000000	9
284	1	1	CA_SV_CS2_SPOIL	0.00000000000000000000	9
285	1	1	CA_SV_CS2_TRIM	0.00000000000000000000	9
286	1	1	CA_SV_CS2_TRQ_P	0.50000000000000000000	9
287	1	1	CA_SV_CS2_TRQ_R	0.00000000000000000000	9
288	1	1	CA_SV_CS2_TRQ_Y	0.50000000000000000000	9
289	1	1	CA_SV_CS2_TYPE	7 6	
290	1	1	CA_SV_CS3_FLAP	0.00000000000000000000	9
291	1	1	CA_SV_CS3_SPOIL	0.00000000000000000000	9
292	1	1	CA_SV_CS3_TRIM	0.00000000000000000000	9

293	1	1	CA_SV_CS3_TRQ_P	0.50000000000000000000	9
294	1	1	CA_SV_CS3_TRQ_R	0.00000000000000000000	9
295	1	1	CA_SV_CS3_TRQ_Y	-0.50000000000000000000	9
296	1	1	CA_SV_CS3_TYPE	8 6	
297	1	1	CA_SV_CS4_FLAP	0.00000000000000000000	9
298	1	1	CA_SV_CS4_SPOIL	0.00000000000000000000	9
299	1	1	CA_SV_CS4_TRIM	0.00000000000000000000	9
300	1	1	CA_SV_CS4_TRQ_P	0.00000000000000000000	9
301	1	1	CA_SV_CS4_TRQ_R	0.00000000000000000000	9
302	1	1	CA_SV_CS4_TRQ_Y	1.00000000000000000000	9
303	1	1	CA_SV_CS4_TYPE	4 6	
304	1	1	CA_SV_CS5_FLAP	0.00000000000000000000	9
305	1	1	CA_SV_CS5_SPOIL	0.00000000000000000000	9
306	1	1	CA_SV_CS5_TRIM	0.00000000000000000000	9
307	1	1	CA_SV_CS5_TRQ_P	0.00000000000000000000	9
308	1	1	CA_SV_CS5_TRQ_R	0.00000000000000000000	9
309	1	1	CA_SV_CS5_TRQ_Y	0.00000000000000000000	9
310	1	1	CA_SV_CS5_TYPE	0 6	
311	1	1	CA_SV_CS6_FLAP	0.00000000000000000000	9
312	1	1	CA_SV_CS6_SPOIL	0.00000000000000000000	9
313	1	1	CA_SV_CS6_TRIM	0.00000000000000000000	9
314	1	1	CA_SV_CS6_TRQ_P	0.00000000000000000000	9
315	1	1	CA_SV_CS6_TRQ_R	0.00000000000000000000	9
316	1	1	CA_SV_CS6_TRQ_Y	0.00000000000000000000	9
317	1	1	CA_SV_CS6_TYPE	0 6	
318	1	1	CA_SV_CS7_FLAP	0.00000000000000000000	9
319	1	1	CA_SV_CS7_SPOIL	0.00000000000000000000	9
320	1	1	CA_SV_CS7_TRIM	0.00000000000000000000	9
321	1	1	CA_SV_CS7_TRQ_P	0.00000000000000000000	9
322	1	1	CA_SV_CS7_TRQ_R	0.00000000000000000000	9
323	1	1	CA_SV_CS7_TRQ_Y	0.00000000000000000000	9
324	1	1	CA_SV_CS7_TYPE	0 6	
325	1	1	CA_SV_CS_COUNT	5 6	
326	1	1	CA_SV_TL0_CT	0 6	
327	1	1	CA_SV_TL0_MAXA	90.00000000000000000000	9
328	1	1	CA_SV_TL0_MINA	0.00000000000000000000	9
329	1	1	CA_SV_TL0_TD	0 6	
330	1	1	CA_SV_TL1_CT	0 6	
331	1	1	CA_SV_TL1_MAXA	90.00000000000000000000	9
332	1	1	CA_SV_TL1_MINA	0.00000000000000000000	9
333	1	1	CA_SV_TL1_TD	0 6	
334	1	1	CA_SV_TL2_CT	0 6	
335	1	1	CA_SV_TL2_MAXA	90.00000000000000000000	9
336	1	1	CA_SV_TL2_MINA	0.00000000000000000000	9
337	1	1	CA_SV_TL2_TD	0 6	
338	1	1	CA_SV_TL3_CT	0 6	
339	1	1	CA_SV_TL3_MAXA	90.00000000000000000000	9
340	1	1	CA_SV_TL3_MINA	0.00000000000000000000	9
341	1	1	CA_SV_TL3_TD	0 6	
342	1	1	CA_SV_TL_COUNT	4 6	
343	1	1	CBRK_AIRSPD_CHK	162128 6	
344	1	1	CBRK_BUZZER	0 6	
345	1	1	CBRK_FLIGHTTERM	121212 6	
346	1	1	CBRK_IO_SAFETY	22027 6	
347	1	1	CBRK_SUPPLY_CHK	894281 6	
348	1	1	CBRK_USB_CHK	197848 6	
349	1	1	CBRK_VTOLARMING	159753 6	
350	1	1	COM_ACT_FAIL_ACT	0 6	
351	1	1	COM_ARM_ARSP_EN	1 6	
352	1	1	COM_ARM_AUTH_ID	10 6	
353	1	1	COM_ARM_AUTH_MET	0 6	
354	1	1	COM_ARM_AUTH_REQ	0 6	
355	1	1	COM_ARM_AUTH_TO	0.00000000000000000000	9
356	1	1	COM_ARM_CHK_ESCS	0 6	
357	1	1	COM_ARM_EKF_HGT	1.00000000000000000000	9
358	1	1	COM_ARM_EKF_POS	0.50000000000000000000	9
359	1	1	COM_ARM_EKF_VEL	0.50000000000000000000	9
360	1	1	COM_ARM_EKF_YAW	0.50000000000000000000	9
361	1	1	COM_ARM_HFLT_CHK	1 6	
362	1	1	COM_ARM_IMU_ACC	0.699999988079071045	9
363	1	1	COM_ARM_IMU_GYR	0.25000000000000000000	9
364	1	1	COM_ARM_MAG_ANG	60 6	
365	1	1	COM_ARM_MAG_STR	2 6	

366	1	1	COM_ARM_MIS_REQ	0	6		
367	1	1	COM_ARM_SDCARD	1	6		
368	1	1	COM_ARM_SWISBTN	0	6		
369	1	1	COM_ARM_WO_GPS	1	6		
370	1	1	COM_CPU_MAX	95.000000000000000000		9	
371	1	1	COM_DISARM_LAND	-2.000000000000000000		9	
372	1	1	COM_DISARM_PRLT	-1.000000000000000000		9	
373	1	1	COM_DL_LOSS_T	10	6		
374	1	1	COM_FAIL_ACT_T	5.000000000000000000		9	
375	1	1	COM_FLIGHT_UUID	806	6		
376	1	1	COM_FLTMODE1	6	6		
377	1	1	COM_FLTMODE2	-1	6		
378	1	1	COM_FLTMODE3	-1	6		
379	1	1	COM_FLTMODE4	8	6		
380	1	1	COM_FLTMODE5	-1	6		
381	1	1	COM_FLTMODE6	0	6		
382	1	1	COM_FLT_PROFILE	0	6		
383	1	1	COM_FLT_TIME_MAX	-1	6		
384	1	1	COM_FORCE_SAFETY	0	6		
385	1	1	COM_HLDL_LOSS_T	120	6		
386	1	1	COM_HLDL_REG_T	0	6		
387	1	1	COM_HOME_EN	1	6		
388	1	1	COM_HOME_IN_AIR	0	6		
389	1	1	COM_IMB_PROP_ACT	0	6		
390	1	1	COM_KILL_DISARM	5.000000000000000000		9	
391	1	1	COM_LKDOWN_TKO	3.000000000000000000		9	
392	1	1	COM_LOW_BAT_ACT	0	6		
393	1	1	COM_MOT_TEST_EN	1	6		
394	1	1	COM_OBC_LOSS_T	5.000000000000000000		9	
395	1	1	COM_OBL_RC_ACT	0	6		
396	1	1	COM_OBS_AVOID	0	6		
397	1	1	COM_OF_LOSS_T	1.000000000000000000		9	
398	1	1	COM_PARACHUTE	0	6		
399	1	1	COM_POSCTL_NAVL	0	6		
400	1	1	COM_POS_FS_DELAY	1	6		
401	1	1	COM_POS_FS_EPH	50.000000000000000000		9	
402	1	1	COM_POS_LOW_EPH	50.000000000000000000		9	
403	1	1	COM_POWER_COUNT	1	6		
404	1	1	COM_PREARM_MODE	0	6		
405	1	1	COM_QC_ACT	0	6		
406	1	1	COM_RCL_EXCEPT	0	6		
407	1	1	COM_RC_ARM_HYST	1000	6		
408	1	1	COM_RC_IN_MODE	0	6		
409	1	1	COM_RC_LOSS_T	0.500000000000000000		9	
410	1	1	COM_RC_OVERRIDE	1	6		
411	1	1	COM_RC_STICK_OV	30.000000000000000000		9	
412	1	1	COM_SPOOLUP_TIME	1.000000000000000000		9	
413	1	1	COM_TAKEOFF_ACT	0	6		
414	1	1	COM_VEL_FS_EVH	1.000000000000000000		9	
415	1	1	COM_WIND_MAX	-1.000000000000000000		9	
416	1	1	COM_WIND_WARN	-1.000000000000000000		9	
417	1	1	CP_DELAY	0.400000005960464478		9	
418	1	1	CP_DIST	-1.000000000000000000		9	
419	1	1	CP_GO_NO_DATA	0	6		
420	1	1	CP_GUIDE_ANG	30.000000000000000000		9	
421	1	1	DSHOT_3D_DEAD_H	1000	6		
422	1	1	DSHOT_3D_DEAD_L	1000	6		
423	1	1	DSHOT_3D_ENABLE	0	6		
424	1	1	DSHOT_MIN	0.054999999701976776		9	
425	1	1	DSHOT_TEL_CFG	0	6		
426	1	1	EKF2_ABIAS_INIT	0.200000002980232239		9	
427	1	1	EKF2_ABL_ACCLIM	25.000000000000000000		9	
428	1	1	EKF2_ABL_GYRLIM	3.000000000000000000		9	
429	1	1	EKF2_ABL_LIM	0.400000005960464478		9	
430	1	1	EKF2_ABL_TAU	0.500000000000000000		9	
431	1	1	EKF2_ACC_B_NOISE	0.003000000026077032		9	
432	1	1	EKF2_ACC_NOISE	0.3499999994039535522		9	
433	1	1	EKF2_AID_MASK	0	6		
434	1	1	EKF2_ANGERR_INIT	0.100000001490116119		9	
435	1	1	EKF2_ARSP_THR	0.000000000000000000		9	
436	1	1	EKF2_ASPD_MAX	20.000000000000000000		9	
437	1	1	EKF2_ASP_DELAY	100.000000000000000000		9	
438	1	1	EKF2_AVEL_DELAY	5.000000000000000000		9	

439	1	1	EKF2_BARO_CTRL	1	6		
440	1	1	EKF2_BARO_DELAY	0.00000000000000000000		9	
441	1	1	EKF2_BARO_GATE	5.00000000000000000000		9	
442	1	1	EKF2_BARO_NOISE	3.50000000000000000000		9	
443	1	1	EKF2_BCOEF_X	100.00000000000000000000		9	
444	1	1	EKF2_BCOEF_Y	100.00000000000000000000		9	
445	1	1	EKF2_BETA_GATE	5.00000000000000000000		9	
446	1	1	EKF2_BETA_NOISE	0.300000011920928955		9	
447	1	1	EKF2_DECL_TYPE	7	6		
448	1	1	EKF2_DRAG_CTRL	0	6		
449	1	1	EKF2_DRAG_NOISE	2.50000000000000000000		9	
450	1	1	EKF2_EAS_NOISE	1.399999976158142090		9	
451	1	1	EKF2_EVA_NOISE	0.050000000745058060		9	
452	1	1	EKF2_EVP_GATE	5.00000000000000000000		9	
453	1	1	EKF2_EVP_NOISE	0.100000001490116119		9	
454	1	1	EKF2_EVV_GATE	3.00000000000000000000		9	
455	1	1	EKF2_EVV_NOISE	0.100000001490116119		9	
456	1	1	EKF2_EV_CTRL	15	6		
457	1	1	EKF2_EV_DELAY	175.00000000000000000000		9	
458	1	1	EKF2_EV_NOISE_MD	0	6		
459	1	1	EKF2_EV_POS_X	0.00000000000000000000		9	
460	1	1	EKF2_EV_POS_Y	0.00000000000000000000		9	
461	1	1	EKF2_EV_POS_Z	0.00000000000000000000		9	
462	1	1	EKF2_EV_QMIN	0	6		
463	1	1	EKF2_FUSE_BETA	0	6		
464	1	1	EKF2_GBIAS_INIT	0.100000001490116119		9	
465	1	1	EKF2_GND_EFF_DZ	4.00000000000000000000		9	
466	1	1	EKF2_GND_MAX_HGT	0.50000000000000000000		9	
467	1	1	EKF2_GPS_CHECK	149	6		
468	1	1	EKF2_GPS_CTRL	7	6		
469	1	1	EKF2_GPS_DELAY	110.00000000000000000000		9	
470	1	1	EKF2_GPS_POS_X	0.00000000000000000000		9	
471	1	1	EKF2_GPS_POS_Y	0.00000000000000000000		9	
472	1	1	EKF2_GPS_POS_Z	0.00000000000000000000		9	
473	1	1	EKF2_GPS_P_GATE	5.00000000000000000000		9	
474	1	1	EKF2_GPS_P_NOISE	0.50000000000000000000		9	
475	1	1	EKF2_GPS_V_GATE	5.00000000000000000000		9	
476	1	1	EKF2_GPS_V_NOISE	0.300000011920928955		9	
477	1	1	EKF2_GRAV_NOISE	1.00000000000000000000		9	
478	1	1	EKF2_GSF_TAS	15.00000000000000000000		9	
479	1	1	EKF2_GYR_B_LIM	0.150000005960464478		9	
480	1	1	EKF2_GYR_B_NOISE	0.001000000047497451		9	
481	1	1	EKF2_GYR_NOISE	0.014999999664723873		9	
482	1	1	EKF2_HDG_GATE	2.599999904632568359		9	
483	1	1	EKF2_HEAD_NOISE	0.300000011920928955		9	
484	1	1	EKF2_HGT_REF	1	6		
485	1	1	EKF2_IMU_CTRL	3	6		
486	1	1	EKF2_IMU_POS_X	0.00000000000000000000		9	
487	1	1	EKF2_IMU_POS_Y	0.00000000000000000000		9	
488	1	1	EKF2_IMU_POS_Z	0.00000000000000000000		9	
489	1	1	EKF2_MAG_ACCLIM	0.50000000000000000000		9	
490	1	1	EKF2_MAG_B_NOISE	0.00009999997473788		9	
491	1	1	EKF2_MAG_CHECK	1	6		
492	1	1	EKF2_MAG_DECL	0.00000000000000000000		9	
493	1	1	EKF2_MAG_DELAY	0.00000000000000000000		9	
494	1	1	EKF2_MAG_E_NOISE	0.001000000047497451		9	
495	1	1	EKF2_MAG_GATE	3.00000000000000000000		9	
496	1	1	EKF2_MAG_NOISE	0.050000000745058060		9	
497	1	1	EKF2_MAG_TYPE	0	6		
498	1	1	EKF2_MAG_YAWLIM	0.25000000000000000000		9	
499	1	1	EKF2_MCOEF	0.150000005960464478		9	
500	1	1	EKF2_MIN_RNG	0.100000001490116119		9	
501	1	1	EKF2_MULTI_IMU	3	6		
502	1	1	EKF2_NOAID_NOISE	10.00000000000000000000		9	
503	1	1	EKF2_NOAID_TOUT	5000000	6		
504	1	1	EKF2_OF_CTRL	0	6		
505	1	1	EKF2_OF_DELAY	20.00000000000000000000		9	
506	1	1	EKF2_OF_GATE	3.00000000000000000000		9	
507	1	1	EKF2_OF_N_MAX	0.50000000000000000000		9	
508	1	1	EKF2_OF_N_MIN	0.150000005960464478		9	
509	1	1	EKF2_OF_POS_X	0.00000000000000000000		9	
510	1	1	EKF2_OF_POS_Y	0.00000000000000000000		9	
511	1	1	EKF2_OF_POS_Z	0.00000000000000000000		9	

512	1	1	EKF2_OF_QMIN	1	6		
513	1	1	EKF2_OF_QMIN_GND	0	6		
514	1	1	EKF2_PCOEF_XN	0.00000000000000000000		9	
515	1	1	EKF2_PCOEF_XP	0.00000000000000000000		9	
516	1	1	EKF2_PCOEF_YN	0.00000000000000000000		9	
517	1	1	EKF2_PCOEF_YP	0.00000000000000000000		9	
518	1	1	EKF2_PCOEF_Z	0.00000000000000000000		9	
519	1	1	EKF2_PREDICT_US	10000	6		
520	1	1	EKF2_REQ_EPH	3.00000000000000000000		9	
521	1	1	EKF2_REQ_EPV	5.00000000000000000000		9	
522	1	1	EKF2_REQ_GPS_H	10.00000000000000000000		9	
523	1	1	EKF2_REQ_HDRIFT	0.100000001490116119		9	
524	1	1	EKF2_REQ_NSATS	6	6		
525	1	1	EKF2_REQ_PDOP	2.50000000000000000000		9	
526	1	1	EKF2_REQ_SACC	0.50000000000000000000		9	
527	1	1	EKF2_REQ_VDRIFT	0.200000002980232239		9	
528	1	1	EKF2_RNG_A_HMAX	5.00000000000000000000		9	
529	1	1	EKF2_RNG_A_IGATE	1.00000000000000000000		9	
530	1	1	EKF2_RNG_A_VMAX	1.00000000000000000000		9	
531	1	1	EKF2_RNG_CTRL	1	6		
532	1	1	EKF2_RNG_DELAY	5.00000000000000000000		9	
533	1	1	EKF2_RNG_GATE	5.00000000000000000000		9	
534	1	1	EKF2_RNG_K_GATE	1.00000000000000000000		9	
535	1	1	EKF2_RNG_NOISE	0.100000001490116119		9	
536	1	1	EKF2_RNG_PITCH	0.00000000000000000000		9	
537	1	1	EKF2_RNG_POS_X	0.00000000000000000000		9	
538	1	1	EKF2_RNG_POS_Y	0.00000000000000000000		9	
539	1	1	EKF2_RNG_POS_Z	0.00000000000000000000		9	
540	1	1	EKF2_RNG_QLTY_T	1.00000000000000000000		9	
541	1	1	EKF2_RNG_SFE	0.050000000745058060		9	
542	1	1	EKF2_SEL_ERR_RED	0.200000002980232239		9	
543	1	1	EKF2_SEL_IMU_ACC	1.00000000000000000000		9	
544	1	1	EKF2_SEL_IMU_ANG	15.00000000000000000000		9	
545	1	1	EKF2_SEL_IMU_RAT	7.00000000000000000000		9	
546	1	1	EKF2_SEL_IMU_VEL	2.00000000000000000000		9	
547	1	1	EKF2_SYNT_MAG_Z	0	6		
548	1	1	EKF2_TAS_GATE	3.00000000000000000000		9	
549	1	1	EKF2_TAU_POS	0.25000000000000000000		9	
550	1	1	EKF2_TAU_VEL	0.25000000000000000000		9	
551	1	1	EKF2_TERR_GRAD	0.50000000000000000000		9	
552	1	1	EKF2_TERR_MASK	3	6		
553	1	1	EKF2_TERR_NOISE	5.00000000000000000000		9	
554	1	1	EKF2_WIND_NSD	0.009999999776482582		9	
555	1	1	EV_TSK_RC_LOSS	0	6		
556	1	1	EV_TSK_STAT_DIS	0	6		
557	1	1	FD_ACT_EN	1	6		
558	1	1	FD_ACT_MOT_C2T	2.00000000000000000000		9	
559	1	1	FD_ACT_MOT_THR	0.200000002980232239		9	
560	1	1	FD_ACT_MOT_TOUT	100	6		
561	1	1	FD_ESCS_EN	1	6		
562	1	1	FD_EXT_ATS_EN	0	6		
563	1	1	FD_EXT_ATS_TRIG	1900	6		
564	1	1	FD_FAIL_P	60	6		
565	1	1	FD_FAIL_P_TTRI	0.300000011920928955		9	
566	1	1	FD_FAIL_R	60	6		
567	1	1	FD_FAIL_R_TTRI	0.300000011920928955		9	
568	1	1	FD_IMB_PROP_THR	30	6		
569	1	1	FLW_TGT_ALT_M	0	6		
570	1	1	FLW_TGT_DST	8.00000000000000000000		9	
571	1	1	FLW_TGT_FA	180.00000000000000000000		9	
572	1	1	FLW_TGT_HT	8.00000000000000000000		9	
573	1	1	FLW_TGT_MAX_VEL	5.00000000000000000000		9	
574	1	1	FLW_TGT_RS	0.100000001490116119		9	
575	1	1	FW_ACRO_X_MAX	90.00000000000000000000		9	
576	1	1	FW_ACRO_Y_MAX	90.00000000000000000000		9	
577	1	1	FW_ACRO_Z_MAX	45.00000000000000000000		9	
578	1	1	FW_AIRSPD_MAX	35.00000000000000000000		9	
579	1	1	FW_AIRSPD_MIN	23.00000000000000000000		9	
580	1	1	FW_AIRSPD_STALL	20.00000000000000000000		9	
581	1	1	FW_AIRSPD_TRIM	25.00000000000000000000		9	
582	1	1	FW_ARSP_MODE	1	6		
583	1	1	FW_ARSP_SCALE_EN	1	6		
584	1	1	FW_AT_APPLY_2	6			



585	1	1	FW_AT_AXES	3	6		
586	1	1	FW_AT_MAN_AUX	0	6		
587	1	1	FW_AT_START	0	6		
588	1	1	FW_AT_SYSID_AMP	1.00000000000000000000		9	
589	1	1	FW_BAT_SCALE_EN	0	6		
590	1	1	FW_DTRIM_P_VMAX	0.00000000000000000000		9	
591	1	1	FW_DTRIM_P_VMIN	0.00000000000000000000		9	
592	1	1	FW_DTRIM_R_VMAX	0.00000000000000000000		9	
593	1	1	FW_DTRIM_R_VMIN	0.00000000000000000000		9	
594	1	1	FW_DTRIM_Y_VMAX	0.00000000000000000000		9	
595	1	1	FW_DTRIM_Y_VMIN	0.00000000000000000000		9	
596	1	1	FW_FLAPS_LND_SCL	1.00000000000000000000		9	
597	1	1	FW_FLAPS_TO_SCL	0.00000000000000000000		9	
598	1	1	FW_GND_SPD_MIN	5.00000000000000000000		9	
599	1	1	FW_GPSE_LT	30	6		
600	1	1	FW_GPSE_R	15.00000000000000000000		9	
601	1	1	FW_LAUN_AC_T	0.050000000745058060		9	
602	1	1	FW_LAUN_AC_THLD	30.00000000000000000000		9	
603	1	1	FW_LAUN_DETCN_ON	0	6		
604	1	1	FW_LAUN_MOT_DEL	0.00000000000000000000		9	
605	1	1	FW_LND_ABORT	3	6		
606	1	1	FW_LND_AIRSPD	-1.00000000000000000000		9	
607	1	1	FW_LND_ANG	5.00000000000000000000		9	
608	1	1	FW_LND_EARLYCFG	0	6		
609	1	1	FW_LND_FLALT	0.50000000000000000000		9	
610	1	1	FW_LND_FL_PMAX	15.00000000000000000000		9	
611	1	1	FW_LND_FL_PMIN	2.50000000000000000000		9	
612	1	1	FW_LND_FL_SINK	0.25000000000000000000		9	
613	1	1	FW_LND_FL_TIME	1.00000000000000000000		9	
614	1	1	FW_LND_NUDGE	2	6		
615	1	1	FW_LND_TD_OFF	3.00000000000000000000		9	
616	1	1	FW_LND_TD_TIME	-1.00000000000000000000		9	
617	1	1	FW_LND_THRTC_SC	1.00000000000000000000		9	
618	1	1	FW_LND_USETER	1	6		
619	1	1	FW_MAN_P_MAX	30.00000000000000000000		9	
620	1	1	FW_MAN_P_SC	1.00000000000000000000		9	
621	1	1	FW_MAN_R_MAX	45.00000000000000000000		9	
622	1	1	FW_MAN_R_SC	1.00000000000000000000		9	
623	1	1	FW_MAN_Y_SC	1.00000000000000000000		9	
624	1	1	FW_PN_R_SLEW_MAX	90.00000000000000000000		9	
625	1	1	FW_POS_STK_CONF	2	6		
626	1	1	FW_PR_D	0.00000000000000000000		9	
627	1	1	FW_PR_FF	0.50000000000000000000		9	
628	1	1	FW_PR_I	0.100000001490116119		9	
629	1	1	FW_PR_IMAX	0.400000005960464478		9	
630	1	1	FW_PR_P	0.079999998211860657		9	
631	1	1	FW_PSP_OFF	0.00000000000000000000		9	
632	1	1	FW_P_LIM_MAX	30.00000000000000000000		9	
633	1	1	FW_P_LIM_MIN	-30.00000000000000000000		9	
634	1	1	FW_P_RMAX_NEG	60.00000000000000000000		9	
635	1	1	FW_P_RMAX_POS	60.00000000000000000000		9	
636	1	1	FW_P_TC	0.400000005960464478		9	
637	1	1	FW_RLL_TO_YAW_FF	0.00000000000000000000		9	
638	1	1	FW_RR_D	0.00000000000000000000		9	
639	1	1	FW_RR_FF	0.50000000000000000000		9	
640	1	1	FW_RR_I	0.100000001490116119		9	
641	1	1	FW_RR_IMAX	0.200000002980232239		9	
642	1	1	FW_RR_P	0.050000000745058060		9	
643	1	1	FW_R_LIM	50.00000000000000000000		9	
644	1	1	FW_R_RMAX	70.00000000000000000000		9	
645	1	1	FW_R_TC	0.400000005960464478		9	
646	1	1	FW_SPOILERS_DESC	0.00000000000000000000		9	
647	1	1	FW_SPOILERS_LND	0.00000000000000000000		9	
648	1	1	FW_SPOILERS_MAN	0	6		
649	1	1	FW_THR_ASPD_MAX	0.00000000000000000000		9	
650	1	1	FW_THR_ASPD_MIN	0.00000000000000000000		9	
651	1	1	FW_THR_IDLE	0.00000000000000000000		9	
652	1	1	FW_THR_MAX	1.00000000000000000000		9	
653	1	1	FW_THR_MIN	0.00000000000000000000		9	
654	1	1	FW_THR_SLEW_MAX	0.00000000000000000000		9	
655	1	1	FW_THR_TRIM	1.00000000000000000000		9	
656	1	1	FW_TKO_AIRSPD	-1.00000000000000000000		9	
657	1	1	FW_TKO_PITCH_MIN	10.00000000000000000000		9	

658	1	1	FW_T_ALT_TC	5.000000000000000000	9
659	1	1	FW_T_CLMB_MAX	5.000000000000000000	9
660	1	1	FW_T_CLMB_R_SP	3.000000000000000000	9
661	1	1	FW_T_HRATE_FF	0.300000011920928955	9
662	1	1	FW_T_I_GAIN_PIT	0.100000001490116119	9
663	1	1	FW_T_I_GAIN_THR	0.050000000745058060	9
664	1	1	FW_T_PTCH_DAMP	0.100000001490116119	9
665	1	1	FW_T_RLL2THR	15.000000000000000000	9
666	1	1	FW_T_SEB_R_FF	1.000000000000000000	9
667	1	1	FW_T_SINK_MAX	5.000000000000000000	9
668	1	1	FW_T_SINK_MIN	2.000000000000000000	9
669	1	1	FW_T_SINK_R_SP	2.000000000000000000	9
670	1	1	FW_T_SPDWEIGHT	1.000000000000000000	9
671	1	1	FW_T_SPD_DEV_STD	0.20000002980232239	9
672	1	1	FW_T_SPD_PRC_STD	0.20000002980232239	9
673	1	1	FW_T_SPD_STD	0.20000002980232239	9
674	1	1	FW_T_STE_R_TC	0.40000005960464478	9
675	1	1	FW_T_TAS_TC	5.000000000000000000	9
676	1	1	FW_T_THR_DAMP	0.100000001490116119	9
677	1	1	FW_T_VERT_ACC	7.000000000000000000	9
678	1	1	FW_WIND_ARSP_SC	0.000000000000000000	9
679	1	1	FW_WING_HEIGHT	0.500000000000000000	9
680	1	1	FW_WING_SPAN	3.000000000000000000	9
681	1	1	FW_WR_FF	0.20000002980232239	9
682	1	1	FW_WR_I	0.100000001490116119	9
683	1	1	FW_WR_IMAX	0.40000005960464478	9
684	1	1	FW_WR_P	0.500000000000000000	9
685	1	1	FW_W_EN	0 6	
686	1	1	FW_W_RMAX	30.000000000000000000	9
687	1	1	FW_YR_D	0.000000000000000000	9
688	1	1	FW_YR_FF	0.300000011920928955	9
689	1	1	FW_YR_I	0.100000001490116119	9
690	1	1	FW_YR_IMAX	0.20000002980232239	9
691	1	1	FW_YR_P	0.050000000745058060	9
692	1	1	FW_Y_RMAX	50.000000000000000000	9
693	1	1	GF_ACTION	2 6	
694	1	1	GF_ALTMODE	0 6	
695	1	1	GF_COUNT	-1 6	
696	1	1	GF_MAX_HOR_DIST	0.000000000000000000	9
697	1	1	GF_MAX_VER_DIST	0.000000000000000000	9
698	1	1	GF_PREDICT	0 6	
699	1	1	GF_SOURCE	0 6	
700	1	1	GND_SPEED_THR_SC	1.000000000000000000	9
701	1	1	GPS_1_CONFIG	201 6	
702	1	1	GPS_1_GNSS	0 6	
703	1	1	GPS_1_PROTOCOL	1 6	
704	1	1	GPS_2_CONFIG	0 6	
705	1	1	GPS_DUMP_COMM	0 6	
706	1	1	GPS_PITCH_OFFSET	0.000000000000000000	9
707	1	1	GPS_SAT_INFO	0 6	
708	1	1	GPS_UBX_BAUD2	230400 6	
709	1	1	GPS_UBX_CFG_INTF	0 6	
710	1	1	GPS_UBX_DYNMODEL	7 6	
711	1	1	GPS_UBX_MODE	0 6	
712	1	1	GPS_YAW_OFFSET	0.000000000000000000	9
713	1	1	HTE_ACC_GATE	3.000000000000000000	9
714	1	1	HTE_HT_ERR_INIT	0.100000001490116119	9
715	1	1	HTE_HT_NOISE	0.003599999938160181	9
716	1	1	HTE_THR_RANGE	0.20000002980232239	9
717	1	1	HTE_VXY_THR	10.000000000000000000	9
718	1	1	HTE_VZ_THR	2.000000000000000000	9
719	1	1	IMU_ACCEL_CUTOFF	30.000000000000000000	9
720	1	1	IMU_DGYRO_CUTOFF	30.000000000000000000	9
721	1	1	IMU_GYRO_CAL_EN	1 6	
722	1	1	IMU_GYRO_CUTOFF	40.000000000000000000	9
723	1	1	IMU_GYRO_DNF_BW	15.000000000000000000	9
724	1	1	IMU_GYRO_DNF_EN	0 6	
725	1	1	IMU_GYRO_DNF_HMC	3 6	
726	1	1	IMU_GYRO_DNF_MIN	25.000000000000000000	9
727	1	1	IMU_GYRO_FFT_EN	1 6	
728	1	1	IMU_GYRO_FFT_LEN	512 6	
729	1	1	IMU_GYRO_FFT_MAX	150.000000000000000000	9
730	1	1	IMU_GYRO_FFT_MIN	30.000000000000000000	9

731	1	1	IMU_GYRO_FFT_SNR	10.000000000000000000	9
732	1	1	IMU_GYRO_NFO_BW	20.000000000000000000	9
733	1	1	IMU_GYRO_NFO_FRQ	0.000000000000000000	9
734	1	1	IMU_GYRO_NF1_BW	20.000000000000000000	9
735	1	1	IMU_GYRO_NF1_FRQ	0.000000000000000000	9
736	1	1	IMU_GYRO_RATEMAX	800 6	
737	1	1	IMU_INTEG_RATE	200 6	
738	1	1	LNDMC_ALT_GND	2.000000000000000000	9
739	1	1	LNDMC_ALT_MAX	-1.000000000000000000	9
740	1	1	LNDMC_ROT_MAX	20.000000000000000000	9
741	1	1	LNDMC_TRIG_TIME	1.000000000000000000	9
742	1	1	LNDMC_XY_VEL_MAX	1.500000000000000000	9
743	1	1	LNDMC_Z_VEL_MAX	0.250000000000000000	9
744	1	1	LND_FLIGHT_T_HI	4 6	
745	1	1	LND_FLIGHT_T_LO	-1006333482 6	
746	1	1	MAN_ARM_GESTURE	0 6	
747	1	1	MAV_0_CONFIG	101 6	
748	1	1	MAV_0_FLOW_CTRL	0 6	
749	1	1	MAV_0_FORWARD	1 6	
750	1	1	MAV_0_MODE	0 6	
751	1	1	MAV_0_RADIO_CTL	1 6	
752	1	1	MAV_0_RATE	1200 6	
753	1	1	MAV_1_CONFIG	102 6	
754	1	1	MAV_1_FLOW_CTRL	2 6	
755	1	1	MAV_1_FORWARD	0 6	
756	1	1	MAV_1_MODE	2 6	
757	1	1	MAV_1_RADIO_CTL	1 6	
758	1	1	MAV_1_RATE	0 6	
759	1	1	MAV_2_CONFIG	0 6	
760	1	1	MAV_COMP_ID	1 6	
761	1	1	MAV_FWDEXTSP	1 6	
762	1	1	MAV_HASH_CHK_EN	1 6	
763	1	1	MAV_HB_FORW_EN	1 6	
764	1	1	MAV_PROTO_VER	0 6	
765	1	1	MAV_RADIO_TOUT	5 6	
766	1	1	MAV_SIK_RADIO_ID	0 6	
767	1	1	MAV_SYS_ID	1 6	
768	1	1	MAV_TYPE	21 6	
769	1	1	MAV_USEHILGPS	0 6	
770	1	1	MBE_ENABLE	1 6	
771	1	1	MBE_LEARN_GAIN	18.000000000000000000	9
772	1	1	MC_ACRO_EXPO	0.6899999997615814209	9
773	1	1	MC_ACRO_EXPO_Y	0.6899999997615814209	9
774	1	1	MC_ACRO_P_MAX	420.000000000000000000	9
775	1	1	MC_ACRO_R_MAX	420.000000000000000000	9
776	1	1	MC_ACRO_SUPEXPO	0.699999988079071045	9
777	1	1	MC_ACRO_SUPEXPOY	0.699999988079071045	9
778	1	1	MC_ACRO_Y_MAX	540.000000000000000000	9
779	1	1	MC_AIRMODE	0 6	
780	1	1	MC_AT_APPLY	1 6	
781	1	1	MC_AT_EN	1 6	
782	1	1	MC_AT_RISE_TIME	0.140000000596046448	9
783	1	1	MC_AT_START	0 6	
784	1	1	MC_AT_SYSID_AMP	0.699999988079071045	9
785	1	1	MC_BAT_SCALE_EN	0 6	
786	1	1	MC_MAN_TILT_TAU	0.000000000000000000	9
787	1	1	MC_ORBIT_RAD_MAX	1000.000000000000000000	9
788	1	1	MC_PITCHRATE_D	0.005400000140070915	9
789	1	1	MC_PITCHRATE_FF	0.000000000000000000	9
790	1	1	MC_PITCHRATE_I	0.2750000005960464478	9
791	1	1	MC_PITCHRATE_K	1.450000047683715820	9
792	1	1	MC_PITCHRATE_MAX	300.000000000000000000	9
793	1	1	MC_PITCHRATE_P	0.1500000005960464478	9
794	1	1	MC_PITCH_P	6.500000000000000000	9
795	1	1	MC_PR_INT_LIM	0.300000011920928955	9
796	1	1	MC_ROLLRATE_D	0.0057999999926239252	9
797	1	1	MC_ROLLRATE_FF	0.000000000000000000	9
798	1	1	MC_ROLLRATE_I	0.250000000000000000	9
799	1	1	MC_ROLLRATE_K	1.600000023841857910	9
800	1	1	MC_ROLLRATE_MAX	220.000000000000000000	9
801	1	1	MC_ROLLRATE_P	0.1500000005960464478	9
802	1	1	MC_ROLL_P	6.500000000000000000	9
803	1	1	MC_RR_INT_LIM	0.300000011920928955	9

804	1	1	MC_YAWRATE_D	0.00000000000000000000	9
805	1	1	MC_YAWRATE_FF	0.00000000000000000000	9
806	1	1	MC_YAWRATE_I	0.200000002980232239	9
807	1	1	MC_YAWRATE_K	1.799999952316284180	9
808	1	1	MC_YAWRATE_MAX	200.000000000000000000	9
809	1	1	MC_YAWRATE_P	0.200000002980232239	9
810	1	1	MC_YAW_P	3.000000000000000000	9
811	1	1	MC_YAW_WEIGHT	0.40000005960464478	9
812	1	1	MC_YR_INT_LIM	0.300000011920928955	9
813	1	1	MIS_DIST_LWP	900.0000000000000000	9
814	1	1	MIS_LND_ABRT_ALT	30 6	
815	1	1	MIS_MNT_YAW_CTL	0 6	
816	1	1	MIS_PD_TO	5.000000000000000000	9
817	1	1	MIS_TAKEOFF_ALT	2.500000000000000000	9
818	1	1	MIS_TKO_LAND_REQ	2 6	
819	1	1	MIS_YAW_ERR	12.000000000000000000	9
820	1	1	MIS_YAW_TMT	-1.000000000000000000	9
821	1	1	MNT_MODE_IN	-1 6	
822	1	1	MOT_POLE_COUNT	14 6	
823	1	1	MOT_SLEW_MAX	0.000000000000000000	9
824	1	1	MPC_ACC_DOWN_MAX	3.000000000000000000	9
825	1	1	MPC_ACC_HOR	3.000000000000000000	9
826	1	1	MPC_ACC_HOR_MAX	5.000000000000000000	9
827	1	1	MPC_ACC_UP_MAX	4.000000000000000000	9
828	1	1	MPC_ALT_MODE	0 6	
829	1	1	MPC_HOLD_DZ	0.100000001490116119	9
830	1	1	MPC_HOLD_MAX_XY	0.800000011920928955	9
831	1	1	MPC_HOLD_MAX_Z	0.600000023841857910	9
832	1	1	MPC_JERK_AUTO	4.000000000000000000	9
833	1	1	MPC_JERK_MAX	8.000000000000000000	9
834	1	1	MPC_LAND_ALT1	10.000000000000000000	9
835	1	1	MPC_LAND_ALT2	5.000000000000000000	9
836	1	1	MPC_LAND_ALT3	1.000000000000000000	9
837	1	1	MPC_LAND_CRWL	0.300000011920928955	9
838	1	1	MPC_LAND_RADIUS	1000.0000000000000000	9
839	1	1	MPC_LAND_RC_HELP	0 6	
840	1	1	MPC_LAND_SPEED	0.699999988079071045	9
841	1	1	MPC_MANTHR_MIN	0.079999998211860657	9
842	1	1	MPC_MAN_TILT_MAX	35.000000000000000000	9
843	1	1	MPC_MAN_Y_MAX	90.000000000000000000	9
844	1	1	MPC_MAN_Y_TAU	0.079999998211860657	9
845	1	1	MPC_POS_MODE	4 6	
846	1	1	MPC_THR_CURVE	0 6	
847	1	1	MPC_THR_HOVER	0.500000000000000000	9
848	1	1	MPC_THR_MAX	1.000000000000000000	9
849	1	1	MPC_THR_MIN	0.119999997317790985	9
850	1	1	MPC_THR_XY_MARG	0.300000011920928955	9
851	1	1	MPC_TILTMAX_AIR	45.000000000000000000	9
852	1	1	MPC_TILTMAX_LND	12.000000000000000000	9
853	1	1	MPC_TKO_RAMP_T	3.000000000000000000	9
854	1	1	MPC_TKO_SPEED	1.500000000000000000	9
855	1	1	MPC_USE_HTE	1 6	
856	1	1	MPC_VELD_LP	5.000000000000000000	9
857	1	1	MPC_VEL_MANUAL	10.000000000000000000	9
858	1	1	MPC_VEL_MAN_BACK	-1.000000000000000000	9
859	1	1	MPC_VEL_MAN_SIDE	-1.000000000000000000	9
860	1	1	MPC_XY_CRUISE	5.000000000000000000	9
861	1	1	MPC_XY_ERR_MAX	2.000000000000000000	9
862	1	1	MPC_XY_MAN_EXPO	0.600000023841857910	9
863	1	1	MPC_XY_P	0.949999988079071045	9
864	1	1	MPC_XY_TRAJ_P	0.500000000000000000	9
865	1	1	MPC_XY_VEL_ALL	-10.000000000000000000	9
866	1	1	MPC_XY_VEL_D_ACC	0.200000002980232239	9
867	1	1	MPC_XY_VEL_I_ACC	0.40000005960464478	9
868	1	1	MPC_XY_VEL_MAX	12.000000000000000000	9
869	1	1	MPC_XY_VEL_P_ACC	1.799999952316284180	9
870	1	1	MPC_YAWRAUTO_MAX	45.000000000000000000	9
871	1	1	MPC_YAW_EXPO	0.600000023841857910	9
872	1	1	MPC_YAW_MODE	0 6	
873	1	1	MPC_Z_MAN_EXPO	0.600000023841857910	9
874	1	1	MPC_Z_P	1.000000000000000000	9
875	1	1	MPC_Z_VEL_ALL	-3.000000000000000000	9
876	1	1	MPC_Z_VEL_D_ACC	0.000000000000000000	9

877	1	1	MPC_Z_VEL_I_ACC	2.00000000000000000000	9
878	1	1	MPC_Z_VEL_MAX_DN	1.00000000000000000000	9
879	1	1	MPC_Z_VEL_MAX_UP	3.00000000000000000000	9
880	1	1	MPC_Z_VEL_P_ACC	4.00000000000000000000	9
881	1	1	MPC_Z_V_AUTO_DN	1.00000000000000000000	9
882	1	1	MPC_Z_V_AUTO_UP	3.00000000000000000000	9
883	1	1	NAV_ACC_RAD	2.00000000000000000000	9
884	1	1	NAV_DLL_ACT 0	6	
885	1	1	NAV_FORCE_VT	1 6	
886	1	1	NAV_FW_ALTL_RAD	5.00000000000000000000	9
887	1	1	NAV_FW_ALT_RAD	10.00000000000000000000	9
888	1	1	NAV_LOITER_RAD	80.00000000000000000000	9
889	1	1	NAV_MC_ALT_RAD	0.800000011920928955	9
890	1	1	NAV_MIN_LTR_ALT	-1.00000000000000000000	9
891	1	1	NAV_RCL_ACT 2	6	
892	1	1	NAV_TRAFF_AVOID	1 6	
893	1	1	NAV_TRAFF_A_HOR	500.00000000000000000000	9
894	1	1	NAV_TRAFF_A_VER	500.00000000000000000000	9
895	1	1	NAV_TRAFF_COLL_T	60 6	
896	1	1	NPFG_DAMPING	0.699999988079071045	9
897	1	1	NPFG_EN_MIN_GSP	1 6	
898	1	1	NPFG_GSP_MAX_TK	5.00000000000000000000	9
899	1	1	NPFG_LB_PERIOD	1 6	
900	1	1	NPFG_PERIOD	10.00000000000000000000	9
901	1	1	NPFG_PERIOD_SF	1.50000000000000000000	9
902	1	1	NPFG_ROLL_TC	0.50000000000000000000	9
903	1	1	NPFG_SW_DST_MLT	0.319999992847442627	9
904	1	1	NPFG_TRACK_KEEP	1 6	
905	1	1	NPFG_UB_PERIOD	1 6	
906	1	1	NPFG_WIND_REG	1 6	
907	1	1	PLD_BTOUT	5.00000000000000000000	9
908	1	1	PLD_FAPPR_ALT	0.100000001490116119	9
909	1	1	PLD_HACC_RAD	0.200000002980232239	9
910	1	1	PLD_MAX_SRCH	3 6	
911	1	1	PLD_SRCH_ALT	10.00000000000000000000	9
912	1	1	PLD_SRCH_TOUT	10.00000000000000000000	9
913	1	1	PWM_AUX_DIS1	1473 6	
914	1	1	PWM_AUX_DIS2	1563 6	
915	1	1	PWM_AUX_DIS3	1612 6	
916	1	1	PWM_AUX_DIS4	1630 6	
917	1	1	PWM_AUX_DIS5	1500 6	
918	1	1	PWM_AUX_DIS6	1630 6	
919	1	1	PWM_AUX_DIS7	1650 6	
920	1	1	PWM_AUX_DIS8	1150 6	
921	1	1	PWM_AUX_FAIL1	-1 6	
922	1	1	PWM_AUX_FAIL2	-1 6	
923	1	1	PWM_AUX_FAIL3	-1 6	
924	1	1	PWM_AUX_FAIL4	-1 6	
925	1	1	PWM_AUX_FAIL5	-1 6	
926	1	1	PWM_AUX_FAIL6	-1 6	
927	1	1	PWM_AUX_FAIL7	-1 6	
928	1	1	PWM_AUX_FAIL8	-1 6	
929	1	1	PWM_AUX_FUNC1	201 6	
930	1	1	PWM_AUX_FUNC2	202 6	
931	1	1	PWM_AUX_FUNC3	203 6	
932	1	1	PWM_AUX_FUNC4	204 6	
933	1	1	PWM_AUX_FUNC5	205 6	
934	1	1	PWM_AUX_FUNC6	0 6	
935	1	1	PWM_AUX_FUNC7	409 6	
936	1	1	PWM_AUX_FUNC8	409 6	
937	1	1	PWM_AUX_MAX1	1650 6	
938	1	1	PWM_AUX_MAX2	1710 6	
939	1	1	PWM_AUX_MAX3	1910 6	
940	1	1	PWM_AUX_MAX4	1950 6	
941	1	1	PWM_AUX_MAX5	1750 6	
942	1	1	PWM_AUX_MAX6	1950 6	
943	1	1	PWM_AUX_MAX7	1650 6	
944	1	1	PWM_AUX_MAX8	1600 6	
945	1	1	PWM_AUX_MIN1	1300 6	
946	1	1	PWM_AUX_MIN2	1390 6	
947	1	1	PWM_AUX_MIN3	1300 6	
948	1	1	PWM_AUX_MIN4	1210 6	
949	1	1	PWM_AUX_MIN5	1250 6	

950	1	1	PWM_AUX_MIN6	1210	6
951	1	1	PWM_AUX_MIN7	1300	6
952	1	1	PWM_AUX_MIN8	1150	6
953	1	1	PWM_AUX_REV 64	6	
954	1	1	PWM_AUX_TIM0	50	6
955	1	1	PWM_AUX_TIM1	50	6
956	1	1	PWM_AUX_TIM2	50	6
957	1	1	PWM_MAIN_DIS1	1100	6
958	1	1	PWM_MAIN_DIS2	1100	6
959	1	1	PWM_MAIN_DIS3	1100	6
960	1	1	PWM_MAIN_DIS4	1100	6
961	1	1	PWM_MAIN_DIS5	2200	6
962	1	1	PWM_MAIN_DIS6	990	6
963	1	1	PWM_MAIN_DIS7	1020	6
964	1	1	PWM_MAIN_DIS8	2200	6
965	1	1	PWM_MAIN_FAIL1	-1	6
966	1	1	PWM_MAIN_FAIL2	-1	6
967	1	1	PWM_MAIN_FAIL3	-1	6
968	1	1	PWM_MAIN_FAIL4	-1	6
969	1	1	PWM_MAIN_FAIL5	-1	6
970	1	1	PWM_MAIN_FAIL6	-1	6
971	1	1	PWM_MAIN_FAIL7	-1	6
972	1	1	PWM_MAIN_FAIL8	-1	6
973	1	1	PWM_MAIN_FUNC1	101	6
974	1	1	PWM_MAIN_FUNC2	102	6
975	1	1	PWM_MAIN_FUNC3	103	6
976	1	1	PWM_MAIN_FUNC4	104	6
977	1	1	PWM_MAIN_FUNC5	206	6
978	1	1	PWM_MAIN_FUNC6	207	6
979	1	1	PWM_MAIN_FUNC7	208	6
980	1	1	PWM_MAIN_FUNC8	209	6
981	1	1	PWM_MAIN_MAX1	1925	6
982	1	1	PWM_MAIN_MAX2	1925	6
983	1	1	PWM_MAIN_MAX3	1925	6
984	1	1	PWM_MAIN_MAX4	1925	6
985	1	1	PWM_MAIN_MAX5	2200	6
986	1	1	PWM_MAIN_MAX6	2010	6
987	1	1	PWM_MAIN_MAX7	2200	6
988	1	1	PWM_MAIN_MAX8	2200	6
989	1	1	PWM_MAIN_MIN1	1150	6
990	1	1	PWM_MAIN_MIN2	1150	6
991	1	1	PWM_MAIN_MIN3	1150	6
992	1	1	PWM_MAIN_MIN4	1150	6
993	1	1	PWM_MAIN_MIN5	1100	6
994	1	1	PWM_MAIN_MIN6	990	6
995	1	1	PWM_MAIN_MIN7	1020	6
996	1	1	PWM_MAIN_MIN8	800	6
997	1	1	PWM_MAIN_REV	0	6
998	1	1	PWM_MAIN_TIM0	400	6
999	1	1	PWM_MAIN_TIM1	400	6
1000	1	1	PWM_MAIN_TIM2	400	6
1001	1	1	PWM_SBUS_MODE	0	6
1002	1	1	RC10_DZ 0.00000000000000000000		9
1003	1	1	RC10_MAX 2000.00000000000000000000		9
1004	1	1	RC10_MIN 1000.00000000000000000000		9
1005	1	1	RC10_REV 1.00000000000000000000		9
1006	1	1	RC10_TRIM 1500.00000000000000000000		9
1007	1	1	RC11_DZ 0.00000000000000000000		9
1008	1	1	RC11_MAX 2000.00000000000000000000		9
1009	1	1	RC11_MIN 1000.00000000000000000000		9
1010	1	1	RC11_REV 1.00000000000000000000		9
1011	1	1	RC11_TRIM 1500.00000000000000000000		9
1012	1	1	RC12_DZ 0.00000000000000000000		9
1013	1	1	RC12_MAX 2000.00000000000000000000		9
1014	1	1	RC12_MIN 1000.00000000000000000000		9
1015	1	1	RC12_REV 1.00000000000000000000		9
1016	1	1	RC12_TRIM 1500.00000000000000000000		9
1017	1	1	RC13_DZ 0.00000000000000000000		9
1018	1	1	RC13_MAX 2000.00000000000000000000		9
1019	1	1	RC13_MIN 1000.00000000000000000000		9
1020	1	1	RC13_REV 1.00000000000000000000		9
1021	1	1	RC13_TRIM 1500.00000000000000000000		9
1022	1	1	RC14_DZ 0.00000000000000000000		9

1023	1	1	RC14_MAX	2000.00000000000000000000	9
1024	1	1	RC14_MIN	1000.00000000000000000000	9
1025	1	1	RC14_REV	1.00000000000000000000	9
1026	1	1	RC14_TRIM	1500.00000000000000000000	9
1027	1	1	RC15_DZ	0.00000000000000000000	9
1028	1	1	RC15_MAX	2000.00000000000000000000	9
1029	1	1	RC15_MIN	1000.00000000000000000000	9
1030	1	1	RC15_REV	1.00000000000000000000	9
1031	1	1	RC15_TRIM	1500.00000000000000000000	9
1032	1	1	RC16_DZ	0.00000000000000000000	9
1033	1	1	RC16_MAX	2000.00000000000000000000	9
1034	1	1	RC16_MIN	1000.00000000000000000000	9
1035	1	1	RC16_REV	1.00000000000000000000	9
1036	1	1	RC16_TRIM	1500.00000000000000000000	9
1037	1	1	RC17_DZ	0.00000000000000000000	9
1038	1	1	RC17_MAX	2000.00000000000000000000	9
1039	1	1	RC17_MIN	1000.00000000000000000000	9
1040	1	1	RC17_REV	1.00000000000000000000	9
1041	1	1	RC17_TRIM	1500.00000000000000000000	9
1042	1	1	RC18_DZ	0.00000000000000000000	9
1043	1	1	RC18_MAX	2000.00000000000000000000	9
1044	1	1	RC18_MIN	1000.00000000000000000000	9
1045	1	1	RC18_REV	1.00000000000000000000	9
1046	1	1	RC18_TRIM	1500.00000000000000000000	9
1047	1	1	RC1_DZ	10.00000000000000000000	9
1048	1	1	RC1_MAX	2005.00000000000000000000	9
1049	1	1	RC1_MIN	982.00000000000000000000	9
1050	1	1	RC1_REV	1.00000000000000000000	9
1051	1	1	RC1_TRIM	1494.00000000000000000000	9
1052	1	1	RC2_DZ	10.00000000000000000000	9
1053	1	1	RC2_MAX	2005.00000000000000000000	9
1054	1	1	RC2_MIN	990.00000000000000000000	9
1055	1	1	RC2_REV	1.00000000000000000000	9
1056	1	1	RC2_TRIM	1493.00000000000000000000	9
1057	1	1	RC3_DZ	10.00000000000000000000	9
1058	1	1	RC3_MAX	1998.00000000000000000000	9
1059	1	1	RC3_MIN	982.00000000000000000000	9
1060	1	1	RC3_REV	1.00000000000000000000	9
1061	1	1	RC3_TRIM	982.00000000000000000000	9
1062	1	1	RC4_DZ	10.00000000000000000000	9
1063	1	1	RC4_MAX	2005.00000000000000000000	9
1064	1	1	RC4_MIN	982.00000000000000000000	9
1065	1	1	RC4_REV	1.00000000000000000000	9
1066	1	1	RC4_TRIM	1493.00000000000000000000	9
1067	1	1	RC5_DZ	10.00000000000000000000	9
1068	1	1	RC5_MAX	2005.00000000000000000000	9
1069	1	1	RC5_MIN	982.00000000000000000000	9
1070	1	1	RC5_REV	1.00000000000000000000	9
1071	1	1	RC5_TRIM	1493.00000000000000000000	9
1072	1	1	RC6_DZ	10.00000000000000000000	9
1073	1	1	RC6_MAX	2005.00000000000000000000	9
1074	1	1	RC6_MIN	982.00000000000000000000	9
1075	1	1	RC6_REV	1.00000000000000000000	9
1076	1	1	RC6_TRIM	1493.00000000000000000000	9
1077	1	1	RC7_DZ	10.00000000000000000000	9
1078	1	1	RC7_MAX	2005.00000000000000000000	9
1079	1	1	RC7_MIN	982.00000000000000000000	9
1080	1	1	RC7_REV	1.00000000000000000000	9
1081	1	1	RC7_TRIM	1493.00000000000000000000	9
1082	1	1	RC8_DZ	10.00000000000000000000	9
1083	1	1	RC8_MAX	2005.00000000000000000000	9
1084	1	1	RC8_MIN	982.00000000000000000000	9
1085	1	1	RC8_REV	1.00000000000000000000	9
1086	1	1	RC8_TRIM	1493.00000000000000000000	9
1087	1	1	RC9_DZ	0.00000000000000000000	9
1088	1	1	RC9_MAX	2000.00000000000000000000	9
1089	1	1	RC9_MIN	1000.00000000000000000000	9
1090	1	1	RC9_REV	1.00000000000000000000	9
1091	1	1	RC9_TRIM	1500.00000000000000000000	9
1092	1	1	RC_ARMSWITCH_TH	0.75000000000000000000	9
1093	1	1	RC_CHAN_CNT	18	6
1094	1	1	RC_ENG_MOT_TH	0.75000000000000000000	9
1095	1	1	RC_FAILS_THR	0	6

1096	1	1	RC_GEAR_TH	0.75000000000000000000	9
1097	1	1	RC_KILLSWITCH_TH	0.75000000000000000000	9
1098	1	1	RC_LOITER_TH	0.75000000000000000000	9
1099	1	1	RC_MAP_ACRO_SW	0	6
1100	1	1	RC_MAP_ARM_SW	7	6
1101	1	1	RC_MAP_AUX1	0	6
1102	1	1	RC_MAP_AUX2	0	6
1103	1	1	RC_MAP_AUX3	9	6
1104	1	1	RC_MAP_AUX4	9	6
1105	1	1	RC_MAP_AUX5	0	6
1106	1	1	RC_MAP_AUX6	0	6
1107	1	1	RC_MAP_ENG_MOT	0	6
1108	1	1	RC_MAP_FAILSAFE	0	6
1109	1	1	RC_MAP_FLAPS	0	6
1110	1	1	RC_MAP_FLTMODE	6	6
1111	1	1	RC_MAP_FLTM_BTN	0	6
1112	1	1	RC_MAP_GEAR_SW	0	6
1113	1	1	RC_MAP_KILL_SW	5	6
1114	1	1	RC_MAP_LOITER_SW	0	6
1115	1	1	RC_MAP_MAN_SW	0	6
1116	1	1	RC_MAP_MODE_SW	0	6
1117	1	1	RC_MAP_OFFB_SW	0	6
1118	1	1	RC_MAP_PARAM1	0	6
1119	1	1	RC_MAP_PARAM2	0	6
1120	1	1	RC_MAP_PARAM3	0	6
1121	1	1	RC_MAP_PITCH	2	6
1122	1	1	RC_MAP_POSCTL_SW	0	6
1123	1	1	RC_MAP_RATT_SW	0	6
1124	1	1	RC_MAP_RETURN_SW	0	6
1125	1	1	RC_MAP_ROLL	1	6
1126	1	1	RC_MAP_STAB_SW	0	6
1127	1	1	RC_MAP_THROTTLE	3	6
1128	1	1	RC_MAP_TRANS_SW	8	6
1129	1	1	RC_MAP_YAW	4	6
1130	1	1	RC_OFFB_TH	0.75000000000000000000	9
1131	1	1	RC_RETURN_TH	0.75000000000000000000	9
1132	1	1	RC_RSSI_PWM_CHAN	0	6
1133	1	1	RC_RSSI_PWM_MAX	2000	6
1134	1	1	RC_RSSI_PWM_MIN	1000	6
1135	1	1	RC_TRANS_TH	0.75000000000000000000	9
1136	1	1	RTL_CONE_ANG	45	6
1137	1	1	RTL_DESCEND_ALT	10.00000000000000000000	9
1138	1	1	RTL_HDG_MD	0	6
1139	1	1	RTL_LAND_DELAY	0.00000000000000000000	9
1140	1	1	RTL_LOITER_RAD	80.00000000000000000000	9
1141	1	1	RTL_MIN_DIST	10.00000000000000000000	9
1142	1	1	RTL_PLD_MD	0	6
1143	1	1	RTL_RETURN_ALT	30.00000000000000000000	9
1144	1	1	RTL_TIME_FACTOR	1.100000023841857910	9
1145	1	1	RTL_TIME_MARGIN	100	6
1146	1	1	RTL_TYPE	1	6
1147	1	1	RWTO_HDG	0	6
1148	1	1	RWTO_MAX_THR	1.00000000000000000000	9
1149	1	1	RWTO_NPFG_PERIOD	5.00000000000000000000	9
1150	1	1	RWTO_NUDGE	1	6
1151	1	1	RWTO_PSP	0.00000000000000000000	9
1152	1	1	RWTO_RAMP_TIME	2.00000000000000000000	9
1153	1	1	RWTO_ROT_AIRSPD	-1.00000000000000000000	9
1154	1	1	RWTO_ROT_TIME	1.00000000000000000000	9
1155	1	1	RWTO_TKOFF	0	6
1156	1	1	SDLOG_BOOT_BAT	0	6
1157	1	1	SDLOG_DIRS_MAX	0	6
1158	1	1	SDLOG_MISSION	0	6
1159	1	1	SDLOG_MODE	0	6
1160	1	1	SDLOG_PROFILE	1	6
1161	1	1	SDLOG_UTC_OFFSET	0	6
1162	1	1	SDLOG_UUID	1	6
1163	1	1	SENS_BARO_QNH	1013.25000000000000000000	9
1164	1	1	SENS_BARO_RATE	20.00000000000000000000	9
1165	1	1	SENS_BOARD_ROT	0	6
1166	1	1	SENS_BOARD_X_OFF	-0.189510270953178406	9
1167	1	1	SENS_BOARD_Y_OFF	2.195881128311157227	9
1168	1	1	SENS_BOARD_Z_OFF	0.00000000000000000000	9



1169	1	1	SENS_CM8JL65_CFG	0	6		
1170	1	1	SENS_DPRES_OFF	115.892623901367187500	9		
1171	1	1	SENS_EN_BATT	0	6		
1172	1	1	SENS_EN_LL40LS	0	6		
1173	1	1	SENS_EN_MB12XX	0	6		
1174	1	1	SENS_EN_MPDT	0	6		
1175	1	1	SENS_EN_MS4525DO	1	6		
1176	1	1	SENS_EN_MS5525DS	0	6		
1177	1	1	SENS_EN_PAA3905	0	6		
1178	1	1	SENS_EN_PAW3902	0	6		
1179	1	1	SENS_EN_PGA460	0	6		
1180	1	1	SENS_EN_PMW3901	0	6		
1181	1	1	SENS_EN_PX4FLOW	0	6		
1182	1	1	SENS_EN_SDP3X	0	6		
1183	1	1	SENS_EN_SF1XX	0	6		
1184	1	1	SENS_EN_TF02PRO	0	6		
1185	1	1	SENS_EN_THERMAL	-1	6		
1186	1	1	SENS_EN_TRANGER	0	6		
1187	1	1	SENS_EN_VL53LOX	0	6		
1188	1	1	SENS_EN_VL53L1X	0	6		
1189	1	1	SENS_EXT_I2C_PRB	1	6		
1190	1	1	SENS_GPS_MASK	7	6		
1191	1	1	SENS_GPS_PRIME	0	6		
1192	1	1	SENS_GPS_TAU	10.00000000000000000000	9		
1193	1	1	SENS_IMU_AUTOCAL	1	6		
1194	1	1	SENS_IMU_MODE	0	6		
1195	1	1	SENS_LEDDAR1_CFG	0	6		
1196	1	1	SENS_MAG_AUTOCAL	1	6		
1197	1	1	SENS_MAG_AUTOROT	1	6		
1198	1	1	SENS_MAG_MODE	1	6		
1199	1	1	SENS_MAG_RATE	15.00000000000000000000	9		
1200	1	1	SENS_MAG_SIDES	63	6		
1201	1	1	SENS_SFOX_CFG	0	6		
1202	1	1	SENS_TFLOW_CFG	0	6		
1203	1	1	SENS_TFMINI_CFG	0	6		
1204	1	1	SENS_ULAND_CFG	0	6		
1205	1	1	SENS_VN_CFG	0	6		
1206	1	1	SER_GPS1_BAUD	0	6		
1207	1	1	SER_TEL1_BAUD	57600	6		
1208	1	1	SER_TEL2_BAUD	921600	6		
1209	1	1	SYS_AUTOCONFIG	0	6		
1210	1	1	SYS_AUTOSTART	13030	6		
1211	1	1	SYS_CAL_ACCEL	0	6		
1212	1	1	SYS_CAL_BARO	0	6		
1213	1	1	SYS_CAL_GYRO	0	6		
1214	1	1	SYS_CAL_TDEL	24	6		
1215	1	1	SYS_CAL_TMAX	10	6		
1216	1	1	SYS_CAL_TMIN	5	6		
1217	1	1	SYS_DM_BACKEND	0	6		
1218	1	1	SYS_FAC_CAL_MODE	0	6		
1219	1	1	SYS_FAILURE_EN	0	6		
1220	1	1	SYS_HAS_BARO	1	6		
1221	1	1	SYS_HAS_GPS	1	6		
1222	1	1	SYS_HAS_MAG	1	6		
1223	1	1	SYS_HAS_NUM_DIST	0	6		
1224	1	1	SYS_HITL	0	6		
1225	1	1	SYS_MC_EST_GROUP	2	6		
1226	1	1	SYS_RGB_MAXBRT	1.00000000000000000000	9		
1227	1	1	SYS_STCK_EN	1	6		
1228	1	1	SYS_VEHICLE_RESP	-0.400000005960464478	9		
1229	1	1	TC_A_ENABLE	0	6		
1230	1	1	TC_B_ENABLE	0	6		
1231	1	1	TC_G_ENABLE	0	6		
1232	1	1	TEL_BST_EN	0	6		
1233	1	1	TEL_FRSKY_CONFIG	0	6		
1234	1	1	TEL_HOTT_CONFIG	0	6		
1235	1	1	THR_MDL_FAC	0.300000011920928955	9		
1236	1	1	TRIG_MODE	0	6		
1237	1	1	TRIM_PITCH	0.00000000000000000000	9		
1238	1	1	TRIM_ROLL	0.00000000000000000000	9		
1239	1	1	TRIM_YAW	0.00000000000000000000	9		
1240	1	1	UAVCAN_BITRATE	1000000	6		
1241	1	1	UAVCAN_EC_FAIL1	-1	6		

1242	1	1	UAVCAN_EC_FAIL2	-1	6
1243	1	1	UAVCAN_EC_FAIL3	-1	6
1244	1	1	UAVCAN_EC_FAIL4	-1	6
1245	1	1	UAVCAN_EC_FAIL5	-1	6
1246	1	1	UAVCAN_EC_FAIL6	-1	6
1247	1	1	UAVCAN_EC_FAIL7	-1	6
1248	1	1	UAVCAN_EC_FAIL8	-1	6
1249	1	1	UAVCAN_EC_FUNC1	0	6
1250	1	1	UAVCAN_EC_FUNC2	0	6
1251	1	1	UAVCAN_EC_FUNC3	0	6
1252	1	1	UAVCAN_EC_FUNC4	0	6
1253	1	1	UAVCAN_EC_FUNC5	0	6
1254	1	1	UAVCAN_EC_FUNC6	0	6
1255	1	1	UAVCAN_EC_FUNC7	0	6
1256	1	1	UAVCAN_EC_FUNC8	0	6
1257	1	1	UAVCAN_EC_MAX1	8191	6
1258	1	1	UAVCAN_EC_MAX2	8191	6
1259	1	1	UAVCAN_EC_MAX3	8191	6
1260	1	1	UAVCAN_EC_MAX4	8191	6
1261	1	1	UAVCAN_EC_MAX5	8191	6
1262	1	1	UAVCAN_EC_MAX6	8191	6
1263	1	1	UAVCAN_EC_MAX7	8191	6
1264	1	1	UAVCAN_EC_MAX8	8191	6
1265	1	1	UAVCAN_EC_MIN1	1	6
1266	1	1	UAVCAN_EC_MIN2	1	6
1267	1	1	UAVCAN_EC_MIN3	1	6
1268	1	1	UAVCAN_EC_MIN4	1	6
1269	1	1	UAVCAN_EC_MIN5	1	6
1270	1	1	UAVCAN_EC_MIN6	1	6
1271	1	1	UAVCAN_EC_MIN7	1	6
1272	1	1	UAVCAN_EC_MIN8	1	6
1273	1	1	UAVCAN_EC_REV	0	6
1274	1	1	UAVCAN_ENABLE	2	6
1275	1	1	UAVCAN_LGT_ANTCL	2	6
1276	1	1	UAVCAN_LGT_LAND	0	6
1277	1	1	UAVCAN_LGT_NAV	3	6
1278	1	1	UAVCAN_LGT_STROB	1	6
1279	1	1	UAVCAN_NODE_ID	1	6
1280	1	1	UAVCAN_PUB_ARM	0	6
1281	1	1	UAVCAN_PUB_MBD	0	6
1282	1	1	UAVCAN_PUB_RTCM	0	6
1283	1	1	UAVCAN_SUB_ASPD	0	6
1284	1	1	UAVCAN_SUB_BARO	0	6
1285	1	1	UAVCAN_SUB_BAT	0	6
1286	1	1	UAVCAN_SUB_BTN	0	6
1287	1	1	UAVCAN_SUB_DPRES	0	6
1288	1	1	UAVCAN_SUB_FLOW	0	6
1289	1	1	UAVCAN_SUB_GPS	1	6
1290	1	1	UAVCAN_SUB_HYGRO	0	6
1291	1	1	UAVCAN_SUB_ICE	0	6
1292	1	1	UAVCAN_SUB_IMU	0	6
1293	1	1	UAVCAN_SUB_MAG	1	6
1294	1	1	UAVCAN_SUB_RNG	0	6
1295	1	1	UAVCAN_SV_DIS1	500	6
1296	1	1	UAVCAN_SV_DIS2	500	6
1297	1	1	UAVCAN_SV_DIS3	500	6
1298	1	1	UAVCAN_SV_DIS4	500	6
1299	1	1	UAVCAN_SV_DIS5	500	6
1300	1	1	UAVCAN_SV_DIS6	500	6
1301	1	1	UAVCAN_SV_DIS7	500	6
1302	1	1	UAVCAN_SV_DIS8	500	6
1303	1	1	UAVCAN_SV_FAIL1	-1	6
1304	1	1	UAVCAN_SV_FAIL2	-1	6
1305	1	1	UAVCAN_SV_FAIL3	-1	6
1306	1	1	UAVCAN_SV_FAIL4	-1	6
1307	1	1	UAVCAN_SV_FAIL5	-1	6
1308	1	1	UAVCAN_SV_FAIL6	-1	6
1309	1	1	UAVCAN_SV_FAIL7	-1	6
1310	1	1	UAVCAN_SV_FAIL8	-1	6
1311	1	1	UAVCAN_SV_FUNC1	0	6
1312	1	1	UAVCAN_SV_FUNC2	0	6
1313	1	1	UAVCAN_SV_FUNC3	0	6
1314	1	1	UAVCAN_SV_FUNC4	0	6

1315	1	1	UAVCAN_SV_FUNC5	0	6		
1316	1	1	UAVCAN_SV_FUNC6	0	6		
1317	1	1	UAVCAN_SV_FUNC7	0	6		
1318	1	1	UAVCAN_SV_FUNC8	0	6		
1319	1	1	UAVCAN_SV_MAX1	1000	6		
1320	1	1	UAVCAN_SV_MAX2	1000	6		
1321	1	1	UAVCAN_SV_MAX3	1000	6		
1322	1	1	UAVCAN_SV_MAX4	1000	6		
1323	1	1	UAVCAN_SV_MAX5	1000	6		
1324	1	1	UAVCAN_SV_MAX6	1000	6		
1325	1	1	UAVCAN_SV_MAX7	1000	6		
1326	1	1	UAVCAN_SV_MAX8	1000	6		
1327	1	1	UAVCAN_SV_MIN1	0	6		
1328	1	1	UAVCAN_SV_MIN2	0	6		
1329	1	1	UAVCAN_SV_MIN3	0	6		
1330	1	1	UAVCAN_SV_MIN4	0	6		
1331	1	1	UAVCAN_SV_MIN5	0	6		
1332	1	1	UAVCAN_SV_MIN6	0	6		
1333	1	1	UAVCAN_SV_MIN7	0	6		
1334	1	1	UAVCAN_SV_MIN8	0	6		
1335	1	1	UAVCAN_SV_REV	0	6		
1336	1	1	UXRCE_DDS_CFG	0	6		
1337	1	1	VTO_LOITER_ALT	80.000000000000000000000000		9	
1338	1	1	VT_ARSP_BLEND	8.000000000000000000000000		9	
1339	1	1	VT_ARSP_TRANS	0.000000000000000000000000		9	
1340	1	1	VT_B_DEC_FF	0.000000000000000000000000		9	
1341	1	1	VT_B_DEC_I	0.100000001490116119		9	
1342	1	1	VT_B_DEC_MSS	2.000000000000000000000000		9	
1343	1	1	VT_B_TRANS_DUR	4.000000000000000000000000		9	
1344	1	1	VT_ELEV_MC_LOCK	1	6		
1345	1	1	VT_FWD_THRUST_EN	0	6		
1346	1	1	VT_FWD_THRUST_SC	0.699999988079071045		9	
1347	1	1	VT_FW_DIFTHR_EN	0	6		
1348	1	1	VT_FW_DIFTHR_S_P	1.000000000000000000000000		9	
1349	1	1	VT_FW_DIFTHR_S_R	1.000000000000000000000000		9	
1350	1	1	VT_FW_DIFTHR_S_Y	0.100000001490116119		9	
1351	1	1	VT_FW_MIN_ALT	0.000000000000000000000000		9	
1352	1	1	VT_FW_QC_HMAX	0	6		
1353	1	1	VT_FW_QC_P	0	6		
1354	1	1	VT_FW_QC_R	0	6		
1355	1	1	VT_F_TRANS_DUR	8.000000000000000000000000		9	
1356	1	1	VT_F_TRANS_THR	1.000000000000000000000000		9	
1357	1	1	VT_F_TR_OL_TM	8.000000000000000000000000		9	
1358	1	1	VT_LND_PITCH_MIN	-5.000000000000000000000000		9	
1359	1	1	VT_PITCH_MIN	-5.000000000000000000000000		9	
1360	1	1	VT_QC_ALT_LOSS	0.000000000000000000000000		9	
1361	1	1	VT_QC_T_ALT_LOSS	20.000000000000000000000000		9	
1362	1	1	VT_SPOILER_MC_LD	0.000000000000000000000000		9	
1363	1	1	VT_TILT_FW	1.000000000000000000000000		9	
1364	1	1	VT_TILT_MC	0.000000000000000000000000		9	
1365	1	1	VT_TILT_SPINUP	0.000000000000000000000000		9	
1366	1	1	VT_TILT_TRANS	0.500000000000000000000000		9	
1367	1	1	VT_TRANS_MIN_TM	4.000000000000000000000000		9	
1368	1	1	VT_TRANS_P2_DUR	4.000000000000000000000000		9	
1369	1	1	VT_TRANS_TIMEOUT	10.000000000000000000000000		9	
1370	1	1	VT_TYPE	1	6		
1371	1	1	WEIGHT_BASE	-1.000000000000000000000000		9	
1372	1	1	WEIGHT_GROSS	-1.000000000000000000000000		9	
1373	1	1	WV_EN	0	6		
1374	1	1	WV_GAIN	1.000000000000000000000000		9	
1375	1	1	WV_ROLL_MIN	1.000000000000000000000000		9	
1376	1	1	WV_YRATE_MAX	90.000000000000000000000000		9	
1377							