

Onboard parameters for Vehicle 1

#

Stack: PX4 Pro

Vehicle: Multi-Rotor

Version: 1.15.0 dev

Git Revision: 24cee81279000000

#

Vehicle-Id Component-Id Name Value Type

1	1	ASPD_SCALE_1	1.0000000000000000	9
1	1	BAT1_A_PER_V	36.367515563964843750	9
1	1	BAT1_CAPACITY	-1.0000000000000000	9
1	1	BAT1_I_CHANNEL	-1 6	
1	1	BAT1_N_CELLS	4 6	
1	1	BAT1_R_INTERNAL	0.004999999888241291	9
1	1	BAT1_SOURCE	0 6	
1	1	BAT1_V_CHANNEL	-1 6	
1	1	BAT1_V_CHARGED	4.050000190734863281	9
1	1	BAT1_V_DIV18.100000381469726563	9	
1	1	BAT1_V_EMPTY	3.599999904632568359	9
1	1	BAT1_V_LOAD_DROP	0.10000001490116119	9
1	1	BAT2_A_PER_V	36.367515563964843750	9
1	1	BAT2_CAPACITY	-1.0000000000000000	9
1	1	BAT2_I_CHANNEL	-1 6	
1	1	BAT2_N_CELLS	0 6	
1	1	BAT2_R_INTERNAL	0.004999999888241291	9
1	1	BAT2_SOURCE	-1 6	
1	1	BAT2_V_CHANNEL	-1 6	
1	1	BAT2_V_CHARGED	4.050000190734863281	9
1	1	BAT2_V_DIV18.100000381469726563	9	
1	1	BAT2_V_EMPTY	3.599999904632568359	9
1	1	BAT2_V_LOAD_DROP	0.10000001490116119	9
1	1	BAT_AVRG_CURRENT	15.0000000000000000	9
1	1	BAT_CRIT_THR	0.07000000298023224	9
1	1	BAT_EMERGEN_THR	0.05000000745058060	9
1	1	BAT_LOW_THR	0.150000005960464478	9
1	1	BAT_N_CELLS	3 6	
1	1	BAT_V_CHARGED	4.050000190734863281	9
1	1	BAT_V_EMPTY	3.599999904632568359	9
1	1	BAT_V_LOAD_DROP	0.300000011920928955	9
1	1	BAT_V_OFFS_CURR	0.0000000000000000	9
1	1	CAL_ACC0_ID	4259850 6	
1	1	CAL_ACC0_PRIO	50 6	
1	1	CAL_ACC0_ROT	-1 6	
1	1	CAL_ACC0_XOFF	-0.016406536102294922	9
1	1	CAL_ACC0_XSCALE	0.997361660003662109	9
1	1	CAL_ACC0_YOFF	0.099949359893798828	9
1	1	CAL_ACC0_YSCALE	0.991576671600341797	9
1	1	CAL_ACC0_ZOFF	0.148694992065429688	9
1	1	CAL_ACC0_ZSCALE	0.985303699970245361	9
1	1	CAL_ACC1_ID	2490378 6	
1	1	CAL_ACC1_PRIO	50 6	
1	1	CAL_ACC1_ROT	-1 6	

1	1	CAL_ACC1_XOFF	-0.038921833038330078	9	
1	1	CAL_ACC1_XSCALE	1.010772109031677246	9	
1	1	CAL_ACC1_YOFF	0.046243667602539063	9	
1	1	CAL_ACC1_YSCALE	1.008631825447082520	9	
1	1	CAL_ACC1_ZOFF	-0.070127010345458984	9	
1	1	CAL_ACC1_ZSCALE	1.003768682479858398	9	
1	1	CAL_ACC2_ID	0	6	
1	1	CAL_ACC3_ID	0	6	
1	1	CAL_AIR_CMODEL	0	6	
1	1	CAL_AIR_TUBED_MM	1.500000000000000000	9	
1	1	CAL_AIR_TUBELEN	0.200000002980232239	9	
1	1	CAL_BARO0_ID	0	6	
1	1	CAL_BARO1_ID	0	6	
1	1	CAL_BARO2_ID	0	6	
1	1	CAL_BARO3_ID	0	6	
1	1	CAL_GYRO0_ID	4325386	6	
1	1	CAL_GYRO0_PRIO	50	6	
1	1	CAL_GYRO0_ROT	-1	6	
1	1	CAL_GYRO0_XOFF	0.001551024965010583	9	
1	1	CAL_GYRO0_YOFF	-0.002802355447784066	9	
1	1	CAL_GYRO0_ZOFF	-0.001823732629418373	9	
1	1	CAL_GYRO1_ID	2490378	6	
1	1	CAL_GYRO1_PRIO	50	6	
1	1	CAL_GYRO1_ROT	-1	6	
1	1	CAL_GYRO1_XOFF	0.004649716895073652	9	
1	1	CAL_GYRO1_YOFF	-0.010508161038160324	9	
1	1	CAL_GYRO1_ZOFF	0.005953864194452763	9	
1	1	CAL_GYRO2_ID	0	6	
1	1	CAL_GYRO3_ID	0	6	
1	1	CAL_MAG0_ID	396321	6	
1	1	CAL_MAG0_PITCH	0.000000000000000000	9	
1	1	CAL_MAG0_PRIO	50	6	
1	1	CAL_MAG0_ROLL	0.000000000000000000	9	
1	1	CAL_MAG0_ROT	-1	6	
1	1	CAL_MAG0_XCOMP	0.000000000000000000	9	
1	1	CAL_MAG0_XODIAG	0.005653588566929102	9	
1	1	CAL_MAG0_XOFF	-0.063293106853961945	9	
1	1	CAL_MAG0_XSCALE	0.951637148857116699	9	
1	1	CAL_MAG0_YAW	0.000000000000000000	9	
1	1	CAL_MAG0_YCOMP	0.000000000000000000	9	
1	1	CAL_MAG0_YODIAG	-0.044487029314041138	9	
1	1	CAL_MAG0_YOFF	-0.008499220013618469	9	
1	1	CAL_MAG0_YSCALE	1.019255638122558594	9	
1	1	CAL_MAG0_ZCOMP	0.000000000000000000	9	
1	1	CAL_MAG0_ZODIAG	-0.076805464923381805	9	
1	1	CAL_MAG0_ZOFF	-0.035222724080085754	9	
1	1	CAL_MAG0_ZSCALE	1.013774514198303223	9	
1	1	CAL_MAG1_ID	396809	6	
1	1	CAL_MAG1_PITCH	0.000000000000000000	9	
1	1	CAL_MAG1_PRIO	75	6	
1	1	CAL_MAG1_ROLL	0.000000000000000000	9	
1	1	CAL_MAG1_ROT	0	6	

1	1	CAL_MAG1_XCOMP	0.000000000000000000	9
1	1	CAL_MAG1_XODIAG	0.000000000000000000	9
1	1	CAL_MAG1_XOFF	-0.198668926954269409	9
1	1	CAL_MAG1_XSCALE	1.000000000000000000	9
1	1	CAL_MAG1_YAW	0.000000000000000000	9
1	1	CAL_MAG1_YCOMP	0.000000000000000000	9
1	1	CAL_MAG1_YODIAG	0.000000000000000000	9
1	1	CAL_MAG1_YOFF	-0.228190243244171143	9
1	1	CAL_MAG1_YSCALE	1.000000000000000000	9
1	1	CAL_MAG1_ZCOMP	0.000000000000000000	9
1	1	CAL_MAG1_ZODIAG	0.000000000000000000	9
1	1	CAL_MAG1_ZOFF	0.042838621884584427	9
1	1	CAL_MAG1_ZSCALE	1.000000000000000000	9
1	1	CAL_MAG2_ID	0	6
1	1	CAL_MAG2_ROT	-1	6
1	1	CAL_MAG3_ID	0	6
1	1	CAL_MAG3_ROT	-1	6
1	1	CAL_MAG_COMP_TYP	0	6
1	1	CAL_MAG_SIDES	63	6
1	1	CAM_CAP_FBACK	0	6
1	1	CA_AIRFRAME	0	6
1	1	CA_FAILURE_MODE	0	6
1	1	CA_METHOD	2	6
1	1	CA_R0_SLEW	0.000000000000000000	9
1	1	CA_R10_SLEW	0.000000000000000000	9
1	1	CA_R11_SLEW	0.000000000000000000	9
1	1	CA_R1_SLEW	0.000000000000000000	9
1	1	CA_R2_SLEW	0.000000000000000000	9
1	1	CA_R3_SLEW	0.000000000000000000	9
1	1	CA_R4_SLEW	0.000000000000000000	9
1	1	CA_R5_SLEW	0.000000000000000000	9
1	1	CA_R6_SLEW	0.000000000000000000	9
1	1	CA_R7_SLEW	0.000000000000000000	9
1	1	CA_R8_SLEW	0.000000000000000000	9
1	1	CA_R9_SLEW	0.000000000000000000	9
1	1	CA_ROTOR0_AX	0.000000000000000000	9
1	1	CA_ROTOR0_AY	0.000000000000000000	9
1	1	CA_ROTOR0_AZ	-1.000000000000000000	9
1	1	CA_ROTOR0_CT	6.500000000000000000	9
1	1	CA_ROTOR0_KM	0.050000000745058060	9
1	1	CA_ROTOR0_PX	0.150000005960464478	9
1	1	CA_ROTOR0_PY	0.150000005960464478	9
1	1	CA_ROTOR0_PZ	0.000000000000000000	9
1	1	CA_ROTOR10_AX	0.000000000000000000	9
1	1	CA_ROTOR10_AY	0.000000000000000000	9
1	1	CA_ROTOR10_AZ	-1.000000000000000000	9
1	1	CA_ROTOR10_CT	6.500000000000000000	9
1	1	CA_ROTOR10_KM	0.050000000745058060	9
1	1	CA_ROTOR10_PX	0.000000000000000000	9
1	1	CA_ROTOR10_PY	0.000000000000000000	9
1	1	CA_ROTOR10_PZ	0.000000000000000000	9
1	1	CA_ROTOR11_AX	0.000000000000000000	9

1	1	CA_ROTOR11_AY	0.000000000000000000	9
1	1	CA_ROTOR11_AZ	-1.000000000000000000	9
1	1	CA_ROTOR11_CT	6.500000000000000000	9
1	1	CA_ROTOR11_KM	0.050000000745058060	9
1	1	CA_ROTOR11_PX	0.000000000000000000	9
1	1	CA_ROTOR11_PY	0.000000000000000000	9
1	1	CA_ROTOR11_PZ	0.000000000000000000	9
1	1	CA_ROTOR1_AX	0.000000000000000000	9
1	1	CA_ROTOR1_AY	0.000000000000000000	9
1	1	CA_ROTOR1_AZ	-1.000000000000000000	9
1	1	CA_ROTOR1_CT	6.500000000000000000	9
1	1	CA_ROTOR1_KM	0.050000000745058060	9
1	1	CA_ROTOR1_PX	-0.150000005960464478	9
1	1	CA_ROTOR1_PY	-0.150000005960464478	9
1	1	CA_ROTOR1_PZ	0.000000000000000000	9
1	1	CA_ROTOR2_AX	0.000000000000000000	9
1	1	CA_ROTOR2_AY	0.000000000000000000	9
1	1	CA_ROTOR2_AZ	-1.000000000000000000	9
1	1	CA_ROTOR2_CT	6.500000000000000000	9
1	1	CA_ROTOR2_KM	-0.050000000745058060	9
1	1	CA_ROTOR2_PX	0.150000005960464478	9
1	1	CA_ROTOR2_PY	-0.150000005960464478	9
1	1	CA_ROTOR2_PZ	0.000000000000000000	9
1	1	CA_ROTOR3_AX	0.000000000000000000	9
1	1	CA_ROTOR3_AY	0.000000000000000000	9
1	1	CA_ROTOR3_AZ	-1.000000000000000000	9
1	1	CA_ROTOR3_CT	6.500000000000000000	9
1	1	CA_ROTOR3_KM	-0.050000000745058060	9
1	1	CA_ROTOR3_PX	-0.150000005960464478	9
1	1	CA_ROTOR3_PY	0.150000005960464478	9
1	1	CA_ROTOR3_PZ	0.000000000000000000	9
1	1	CA_ROTOR4_AX	0.000000000000000000	9
1	1	CA_ROTOR4_AY	0.000000000000000000	9
1	1	CA_ROTOR4_AZ	-1.000000000000000000	9
1	1	CA_ROTOR4_CT	6.500000000000000000	9
1	1	CA_ROTOR4_KM	0.050000000745058060	9
1	1	CA_ROTOR4_PX	0.000000000000000000	9
1	1	CA_ROTOR4_PY	0.000000000000000000	9
1	1	CA_ROTOR4_PZ	0.000000000000000000	9
1	1	CA_ROTOR5_AX	0.000000000000000000	9
1	1	CA_ROTOR5_AY	0.000000000000000000	9
1	1	CA_ROTOR5_AZ	-1.000000000000000000	9
1	1	CA_ROTOR5_CT	6.500000000000000000	9
1	1	CA_ROTOR5_KM	0.050000000745058060	9
1	1	CA_ROTOR5_PX	0.000000000000000000	9
1	1	CA_ROTOR5_PY	0.000000000000000000	9
1	1	CA_ROTOR5_PZ	0.000000000000000000	9
1	1	CA_ROTOR6_AX	0.000000000000000000	9
1	1	CA_ROTOR6_AY	0.000000000000000000	9
1	1	CA_ROTOR6_AZ	-1.000000000000000000	9
1	1	CA_ROTOR6_CT	6.500000000000000000	9
1	1	CA_ROTOR6_KM	0.050000000745058060	9

1	1	CA_ROTOR6_PX	0.000000000000000000	9
1	1	CA_ROTOR6_PY	0.000000000000000000	9
1	1	CA_ROTOR6_PZ	0.000000000000000000	9
1	1	CA_ROTOR7_AX	0.000000000000000000	9
1	1	CA_ROTOR7_AY	0.000000000000000000	9
1	1	CA_ROTOR7_AZ	-1.000000000000000000	9
1	1	CA_ROTOR7_CT	6.500000000000000000	9
1	1	CA_ROTOR7_KM	0.050000000745058060	9
1	1	CA_ROTOR7_PX	0.000000000000000000	9
1	1	CA_ROTOR7_PY	0.000000000000000000	9
1	1	CA_ROTOR7_PZ	0.000000000000000000	9
1	1	CA_ROTOR8_AX	0.000000000000000000	9
1	1	CA_ROTOR8_AY	0.000000000000000000	9
1	1	CA_ROTOR8_AZ	-1.000000000000000000	9
1	1	CA_ROTOR8_CT	6.500000000000000000	9
1	1	CA_ROTOR8_KM	0.050000000745058060	9
1	1	CA_ROTOR8_PX	0.000000000000000000	9
1	1	CA_ROTOR8_PY	0.000000000000000000	9
1	1	CA_ROTOR8_PZ	0.000000000000000000	9
1	1	CA_ROTOR9_AX	0.000000000000000000	9
1	1	CA_ROTOR9_AY	0.000000000000000000	9
1	1	CA_ROTOR9_AZ	-1.000000000000000000	9
1	1	CA_ROTOR9_CT	6.500000000000000000	9
1	1	CA_ROTOR9_KM	0.050000000745058060	9
1	1	CA_ROTOR9_PX	0.000000000000000000	9
1	1	CA_ROTOR9_PY	0.000000000000000000	9
1	1	CA_ROTOR9_PZ	0.000000000000000000	9
1	1	CA_ROTOR_COUNT	4 6	
1	1	CA_R_REV 0	6	
1	1	CA_SV0_SLEW	0.000000000000000000	9
1	1	CA_SV1_SLEW	0.000000000000000000	9
1	1	CA_SV2_SLEW	0.000000000000000000	9
1	1	CA_SV3_SLEW	0.000000000000000000	9
1	1	CA_SV4_SLEW	0.000000000000000000	9
1	1	CA_SV5_SLEW	0.000000000000000000	9
1	1	CA_SV6_SLEW	0.000000000000000000	9
1	1	CA_SV7_SLEW	0.000000000000000000	9
1	1	CBRK_AIRSPD_CHK	0 6	
1	1	CBRK_BUZZER	0 6	
1	1	CBRK_FLIGHTTERM	121212 6	
1	1	CBRK_IO_SAFETY	22027 6	
1	1	CBRK_SUPPLY_CHK	0 6	
1	1	CBRK_USB_CHK	197848 6	
1	1	CBRK_VTOLARMING	0 6	
1	1	COM_ACT_FAIL_ACT	0 6	
1	1	COM_ARMABLE	1 6	
1	1	COM_ARM_AUTH_ID	10 6	
1	1	COM_ARM_AUTH_MET	0 6	
1	1	COM_ARM_AUTH_REQ	0 6	
1	1	COM_ARM_AUTH_TO	1.000000000000000000	9
1	1	COM_ARM_BAT_MIN	0.000000000000000000	9
1	1	COM_ARM_CHK_ESCS	0 6	

1	1	COM_ARM_EKF_HGT	1.00000000000000000000	9
1	1	COM_ARM_EKF_POS	0.50000000000000000000	9
1	1	COM_ARM_EKF_VEL	0.50000000000000000000	9
1	1	COM_ARM_EKF_YAW	0.50000000000000000000	9
1	1	COM_ARM_HFLT_CHK	1 6	
1	1	COM_ARM_IMU_ACC	0.699999988079071045	9
1	1	COM_ARM_IMU_GYR	0.25000000000000000000	9
1	1	COM_ARM_MAG_ANG	60 6	
1	1	COM_ARM_MAG_STR	2 6	
1	1	COM_ARM_MIS_REQ	0 6	
1	1	COM_ARM_ODID 0	6	
1	1	COM_ARM_SDCARD	1 6	
1	1	COM_ARM_SWISBTN	0 6	
1	1	COM_ARM_WO_GPS	1 6	
1	1	COM_CPU_MAX	95.000000000000000000	9
1	1	COM_DISARM_LAND	2.00000000000000000000	9
1	1	COM_DISARM_MAN	1 6	
1	1	COM_DISARM_PRFLT	10.000000000000000000	9
1	1	COM_DL_LOSS_T 10	6	
1	1	COM_FAIL_ACT_T	5.000000000000000000	9
1	1	COM_FLIGHT_UUID	19 6	
1	1	COM_FLTMODE1 0	6	
1	1	COM_FLTMODE2 -1	6	
1	1	COM_FLTMODE3 -1	6	
1	1	COM_FLTMODE4 -1	6	
1	1	COM_FLTMODE5 -1	6	
1	1	COM_FLTMODE6 3	6	
1	1	COM_FLT_PROFILE	0 6	
1	1	COM_FLT_TIME_MAX	-1 6	
1	1	COM_FORCE_SAFETY	0 6	
1	1	COM_HLDL_LOSS_T	120 6	
1	1	COM_HLDL_REG_T	0 6	
1	1	COM_HOME_EN 1	6	
1	1	COM_HOME_IN_AIR	0 6	
1	1	COM_IMB_PROP_ACT	0 6	
1	1	COM_KILL_DISARM	5.000000000000000000	9
1	1	COM_LKDOWN_TKO	3.000000000000000000	9
1	1	COM_LOW_BAT_ACT	0 6	
1	1	COM_MOT_TEST_EN	1 6	
1	1	COM_OBC_LOSS_T	5.000000000000000000	9
1	1	COM_OBL_RC_ACT	0 6	
1	1	COM_OBS_AVOID 0	6	
1	1	COM_OF_LOSS_T	1.000000000000000000	9
1	1	COM_PARACHUTE 0	6	
1	1	COM_POSCTL_NAVL	0 6	
1	1	COM_POS_FS_DELAY	1 6	
1	1	COM_POS_FS_EPH	5.000000000000000000	9
1	1	COM_POS_LOW_EPH	-1.000000000000000000	9
1	1	COM_POWER_COUNT	1 6	
1	1	COM_PREARM_MODE	0 6	
1	1	COM_QC_ACT 0	6	
1	1	COM_RCL_EXCEPT	0 6	

1	1	COM_RC_ARM_HYST	1000	6	
1	1	COM_RC_IN_MODE	3	6	
1	1	COM_RC_LOSS_T	0.50000000000000000000	9	
1	1	COM_RC_OVERRIDE	1	6	
1	1	COM_RC_STICK_OV	30.00000000000000000000	9	
1	1	COM_SPOOLUP_TIME	1.00000000000000000000	9	
1	1	COM_TAKEOFF_ACT	0	6	
1	1	COM_THROW_EN	0	6	
1	1	COM_THROW_SPEED	5.00000000000000000000	9	
1	1	COM_VEL_FS_EVH	1.00000000000000000000	9	
1	1	COM_WIND_MAX	-1.00000000000000000000	9	
1	1	COM_WIND_MAX_ACT	0	6	
1	1	COM_WIND_WARN	-1.00000000000000000000	9	
1	1	CP_DELAY	0.400000005960464478	9	
1	1	CP_DIST	-1.00000000000000000000	9	
1	1	CP_GO_NO_DATA	0	6	
1	1	CP_GUIDE_ANG	30.00000000000000000000	9	
1	1	DSHOT_3D_DEAD_H	1000	6	
1	1	DSHOT_3D_DEAD_L	1000	6	
1	1	DSHOT_3D_ENABLE	0	6	
1	1	DSHOT_MIN	0.054999999701976776	9	
1	1	DSHOT_TEL_CFG	0	6	
1	1	EKF2_ABIAS_INIT	0.200000002980232239	9	
1	1	EKF2_ABL_ACCLIM	25.00000000000000000000	9	
1	1	EKF2_ABL_GYRLIM	3.00000000000000000000	9	
1	1	EKF2_ABL_LIM	0.400000005960464478	9	
1	1	EKF2_ABL_TAU	0.50000000000000000000	9	
1	1	EKF2_ACC_B_NOISE	0.003000000026077032	9	
1	1	EKF2_ACC_NOISE	0.349999994039535522	9	
1	1	EKF2_ANGERR_INIT	0.100000001490116119	9	
1	1	EKF2_ARSP_THR	0.00000000000000000000	9	
1	1	EKF2_ASPD_MAX	20.00000000000000000000	9	
1	1	EKF2_ASP_DELAY	100.00000000000000000000	9	
1	1	EKF2_AVEL_DELAY	5.00000000000000000000	9	
1	1	EKF2_BARO_CTRL	1	6	
1	1	EKF2_BARO_DELAY	0.00000000000000000000	9	
1	1	EKF2_BARO_GATE	5.00000000000000000000	9	
1	1	EKF2_BARO_NOISE	3.50000000000000000000	9	
1	1	EKF2_BCOEF_X	100.00000000000000000000	9	
1	1	EKF2_BCOEF_Y	100.00000000000000000000	9	
1	1	EKF2_BETA_GATE	5.00000000000000000000	9	
1	1	EKF2_BETA_NOISE	0.300000011920928955	9	
1	1	EKF2_DECL_TYPE	7	6	
1	1	EKF2_DRAG_CTRL	0	6	
1	1	EKF2_DRAG_NOISE	2.50000000000000000000	9	
1	1	EKF2_EAS_NOISE	1.399999976158142090	9	
1	1	EKF2_EVA_NOISE	0.100000001490116119	9	
1	1	EKF2_EVP_GATE	5.00000000000000000000	9	
1	1	EKF2_EVP_NOISE	0.100000001490116119	9	
1	1	EKF2_EVV_GATE	3.00000000000000000000	9	
1	1	EKF2_EVV_NOISE	0.100000001490116119	9	
1	1	EKF2_EV_CTRL	15	6	

1	1	EKF2_EV_DELAY	0.000000000000000000	9
1	1	EKF2_EV_NOISE_MD	0 6	
1	1	EKF2_EV_POS_X	0.000000000000000000	9
1	1	EKF2_EV_POS_Y	0.000000000000000000	9
1	1	EKF2_EV_POS_Z	0.000000000000000000	9
1	1	EKF2_EV_QMIN	0 6	
1	1	EKF2_FUSE_BETA	0 6	
1	1	EKF2_GBIAS_INIT	0.100000001490116119	9
1	1	EKF2_GND_EFF_DZ	4.000000000000000000	9
1	1	EKF2_GND_MAX_HGT	0.500000000000000000	9
1	1	EKF2_GPS_CHECK	245 6	
1	1	EKF2_GPS_CTRL	7 6	
1	1	EKF2_GPS_DELAY	110.000000000000000000	9
1	1	EKF2_GPS_POS_X	0.000000000000000000	9
1	1	EKF2_GPS_POS_Y	0.000000000000000000	9
1	1	EKF2_GPS_POS_Z	0.000000000000000000	9
1	1	EKF2_GPS_P_GATE	5.000000000000000000	9
1	1	EKF2_GPS_P_NOISE	0.500000000000000000	9
1	1	EKF2_GPS_V_GATE	5.000000000000000000	9
1	1	EKF2_GPS_V_NOISE	0.300000011920928955	9
1	1	EKF2_GRAV_NOISE	1.000000000000000000	9
1	1	EKF2_GSF_TAS	15.000000000000000000	9
1	1	EKF2_GYR_B_LIM	0.150000005960464478	9
1	1	EKF2_GYR_B_NOISE	0.001000000047497451	9
1	1	EKF2_GYR_NOISE	0.014999999664723873	9
1	1	EKF2_HDG_GATE	2.599999904632568359	9
1	1	EKF2_HEAD_NOISE	0.300000011920928955	9
1	1	EKF2_HGT_REF	1 6	
1	1	EKF2_IMU_CTRL	3 6	
1	1	EKF2_IMU_POS_X	0.000000000000000000	9
1	1	EKF2_IMU_POS_Y	0.000000000000000000	9
1	1	EKF2_IMU_POS_Z	0.000000000000000000	9
1	1	EKF2_MAG_ACCLIM	0.500000000000000000	9
1	1	EKF2_MAG_B_NOISE	0.00009999997473788	9
1	1	EKF2_MAG_CHECK	1 6	
1	1	EKF2_MAG_CHK_INC	20.000000000000000000	9
1	1	EKF2_MAG_CHK_STR	0.200000002980232239	9
1	1	EKF2_MAG_DECL	0.000000000000000000	9
1	1	EKF2_MAG_DELAY	0.000000000000000000	9
1	1	EKF2_MAG_E_NOISE	0.001000000047497451	9
1	1	EKF2_MAG_GATE	3.000000000000000000	9
1	1	EKF2_MAG_NOISE	0.050000000745058060	9
1	1	EKF2_MAG_TYPE	0 6	
1	1	EKF2_MAG_YAWLIM	0.200000002980232239	9
1	1	EKF2_MCOEF	0.150000005960464478	9
1	1	EKF2_MIN_RNG	0.100000001490116119	9
1	1	EKF2_MULTI_IMU	3 6	
1	1	EKF2_NOAID_NOISE	10.000000000000000000	9
1	1	EKF2_NOAID_TOUT	500000 6	
1	1	EKF2_OF_CTRL	0 6	
1	1	EKF2_OF_DELAY	20.000000000000000000	9
1	1	EKF2_OF_GATE	3.000000000000000000	9

1	1	EKF2_OF_N_MAX	0.5000000000000000	9
1	1	EKF2_OF_N_MIN	0.150000005960464478	9
1	1	EKF2_OF_POS_X	0.0000000000000000	9
1	1	EKF2_OF_POS_Y	0.0000000000000000	9
1	1	EKF2_OF_POS_Z	0.0000000000000000	9
1	1	EKF2_OF_QMIN	1 6	
1	1	EKF2_OF_QMIN_GND	0 6	
1	1	EKF2_PCOEF_XN	0.0000000000000000	9
1	1	EKF2_PCOEF_XP	0.0000000000000000	9
1	1	EKF2_PCOEF_YN	0.0000000000000000	9
1	1	EKF2_PCOEF_YP	0.0000000000000000	9
1	1	EKF2_PCOEF_Z	0.0000000000000000	9
1	1	EKF2_PREDICT_US	10000 6	
1	1	EKF2_REQ_EPH	3.0000000000000000	9
1	1	EKF2_REQ_EPV	5.0000000000000000	9
1	1	EKF2_REQ_GPS_H	10.0000000000000000	9
1	1	EKF2_REQ_HDRIFT	0.100000001490116119	9
1	1	EKF2_REQ_NSATS	6 6	
1	1	EKF2_REQ_PDOP	2.5000000000000000	9
1	1	EKF2_REQ_SACC	0.5000000000000000	9
1	1	EKF2_REQ_VDRIFT	0.200000002980232239	9
1	1	EKF2_RNG_A_HMAX	5.0000000000000000	9
1	1	EKF2_RNG_A_IGATE	1.0000000000000000	9
1	1	EKF2_RNG_A_VMAX	1.0000000000000000	9
1	1	EKF2_RNG_CTRL	1 6	
1	1	EKF2_RNG_DELAY	5.0000000000000000	9
1	1	EKF2_RNG_GATE	5.0000000000000000	9
1	1	EKF2_RNG_K_GATE	1.0000000000000000	9
1	1	EKF2_RNG_NOISE	0.100000001490116119	9
1	1	EKF2_RNG_PITCH	0.0000000000000000	9
1	1	EKF2_RNG_POS_X	0.0000000000000000	9
1	1	EKF2_RNG_POS_Y	0.0000000000000000	9
1	1	EKF2_RNG_POS_Z	0.0000000000000000	9
1	1	EKF2_RNG_QLTY_T	1.0000000000000000	9
1	1	EKF2_RNG_SFE	0.050000000745058060	9
1	1	EKF2_SEL_ERR_RED	0.200000002980232239	9
1	1	EKF2_SEL_IMU_ACC	1.0000000000000000	9
1	1	EKF2_SEL_IMU_ANG	15.0000000000000000	9
1	1	EKF2_SEL_IMU_RAT	7.0000000000000000	9
1	1	EKF2_SEL_IMU_VEL	2.0000000000000000	9
1	1	EKF2_SYNT_MAG_Z	0 6	
1	1	EKF2_TAS_GATE	5.0000000000000000	9
1	1	EKF2_TAU_POS	0.2500000000000000	9
1	1	EKF2_TAU_VEL	0.2500000000000000	9
1	1	EKF2_TERR_GRAD	0.5000000000000000	9
1	1	EKF2_TERR_MASK	3 6	
1	1	EKF2_TERR_NOISE	5.0000000000000000	9
1	1	EKF2_WIND_NSD	0.050000000745058060	9
1	1	EV_TSK_RC_LOSS	0 6	
1	1	EV_TSK_STAT_DIS	0 6	
1	1	FD_ACT_EN	1 6	
1	1	FD_ACT_MOT_C2T	2.0000000000000000	9

1	1	FD_ACT_MOT_THR	0.200000002980232239	9
1	1	FD_ACT_MOT_TOUT	100 6	
1	1	FD_ESCS_EN	1 6	
1	1	FD_EXT_ATS_EN	0 6	
1	1	FD_EXT_ATS_TRIG	1900 6	
1	1	FD_FAIL_P	60 6	
1	1	FD_FAIL_P_TTRI	0.300000011920928955	9
1	1	FD_FAIL_R	60 6	
1	1	FD_FAIL_R_TTRI	0.300000011920928955	9
1	1	FD_IMB_PROP_THR	30 6	
1	1	FLW_TGT_ALT_M	0 6	
1	1	FLW_TGT_DST	8.000000000000000000	9
1	1	FLW_TGT_FA	180.000000000000000000	9
1	1	FLW_TGT_HT	8.000000000000000000	9
1	1	FLW_TGT_MAX_VEL	5.000000000000000000	9
1	1	FLW_TGT_RS	0.100000001490116119	9
1	1	FW_AIRSPD_MAX	20.000000000000000000	9
1	1	FW_AIRSPD_TRIM	15.000000000000000000	9
1	1	FW_ARSP_MODE	0 6	
1	1	FW_PSP_OFF	0.000000000000000000	9
1	1	FW_T_CLMB_R_SP	3.000000000000000000	9
1	1	FW_T_SINK_R_SP	2.000000000000000000	9
1	1	GF_ACTION	2 6	
1	1	GF_MAX_HOR_DIST	0.000000000000000000	9
1	1	GF_MAX_VER_DIST	0.000000000000000000	9
1	1	GF_PREDICT	0 6	
1	1	GF_SOURCE	0 6	
1	1	GND_SPEED_THR_SC	1.000000000000000000	9
1	1	GPS_1_CONFIG	201 6	
1	1	GPS_1_GNSS0	6	
1	1	GPS_1_PROTOCOL	1 6	
1	1	GPS_2_CONFIG	0 6	
1	1	GPS_DUMP_COMM	0 6	
1	1	GPS_PITCH_OFFSET	0.000000000000000000	9
1	1	GPS_SAT_INFO	0 6	
1	1	GPS_UBX_BAUD2	230400 6	
1	1	GPS_UBX_CFG_INTF	0 6	
1	1	GPS_UBX_DYNMODEL	6 6	
1	1	GPS_UBX_MODE	0 6	
1	1	GPS_YAW_OFFSET	0.000000000000000000	9
1	1	HTE_ACC_GATE	3.000000000000000000	9
1	1	HTE_HT_ERR_INIT	0.100000001490116119	9
1	1	HTE_HT_NOISE	0.003599999938160181	9
1	1	HTE_THR_RANGE	0.200000002980232239	9
1	1	HTE_VXY_THR	10.000000000000000000	9
1	1	HTE_VZ_THR	2.000000000000000000	9
1	1	IMU_ACCEL_CUTOFF	30.000000000000000000	9
1	1	IMU_DGYRO_CUTOFF	30.000000000000000000	9
1	1	IMU_GYRO_CAL_EN	1 6	
1	1	IMU_GYRO_CUTOFF	40.000000000000000000	9
1	1	IMU_GYRO_DNF_BW	15.000000000000000000	9
1	1	IMU_GYRO_DNF_EN	0 6	

1	1	IMU_GYRO_DNF_HMC	3	6	
1	1	IMU_GYRO_DNF_MIN	25.000000000000000000		9
1	1	IMU_GYRO_FFT_EN	1	6	
1	1	IMU_GYRO_FFT_LEN	512	6	
1	1	IMU_GYRO_FFT_MAX	150.000000000000000000		9
1	1	IMU_GYRO_FFT_MIN	30.000000000000000000		9
1	1	IMU_GYRO_FFT_SNR	10.000000000000000000		9
1	1	IMU_GYRO_NF0_BW	20.000000000000000000		9
1	1	IMU_GYRO_NF0_FRQ	0.000000000000000000		9
1	1	IMU_GYRO_NF1_BW	20.000000000000000000		9
1	1	IMU_GYRO_NF1_FRQ	0.000000000000000000		9
1	1	IMU_GYRO_RATEMAX	800	6	
1	1	IMU_INTEG_RATE	200	6	
1	1	LNDMC_ALT_GND	2.000000000000000000		9
1	1	LNDMC_ROT_MAX	20.000000000000000000		9
1	1	LNDMC_TRIG_TIME	1.000000000000000000		9
1	1	LNDMC_XY_VEL_MAX	1.500000000000000000		9
1	1	LNDMC_Z_VEL_MAX	0.250000000000000000		9
1	1	LND_FLIGHT_T_HI0	6		
1	1	LND_FLIGHT_T_LO	20752707	6	
1	1	MAN_ARM_GESTURE	0	6	
1	1	MAN_KILL_GEST_T	-1.000000000000000000		9
1	1	MAV_0_CONFIG	101	6	
1	1	MAV_0_FLOW_CTRL	2	6	
1	1	MAV_0_FORWARD	1	6	
1	1	MAV_0_MODE	0	6	
1	1	MAV_0_RADIO_CTL	1	6	
1	1	MAV_0_RATE	1200	6	
1	1	MAV_1_CONFIG	0	6	
1	1	MAV_2_CONFIG	0	6	
1	1	MAV_COMP_ID	1	6	
1	1	MAV_FWDEXTSP	1	6	
1	1	MAV_HASH_CHK_EN	1	6	
1	1	MAV_HB_FORW_EN	1	6	
1	1	MAV_PROTO_VER	0	6	
1	1	MAV_RADIO_TOUT	5	6	
1	1	MAV_SIK_RADIO_ID	0	6	
1	1	MAV_SYS_ID	1	6	
1	1	MAV_TYPE	2	6	
1	1	MAV_USEHILGPS	0	6	
1	1	MBE_ENABLE	1	6	
1	1	MBE_LEARN_GAIN	18.000000000000000000		9
1	1	MC_ACRO_EXPO	0.000000000000000000		9
1	1	MC_ACRO_EXPO_Y	0.000000000000000000		9
1	1	MC_ACRO_P_MAX	100.000000000000000000		9
1	1	MC_ACRO_R_MAX	100.000000000000000000		9
1	1	MC_ACRO_SUPEXPO	0.000000000000000000		9
1	1	MC_ACRO_SUPEXPOY	0.000000000000000000		9
1	1	MC_ACRO_Y_MAX	100.000000000000000000		9
1	1	MC_AIRMODE	0	6	
1	1	MC_AT_APPLY	1	6	
1	1	MC_AT_EN	1	6	

1	1	MC_AT_RISE_TIME	0.140000000596046448	9
1	1	MC_AT_START	0 6	
1	1	MC_AT_SYSID_AMP	0.699999988079071045	9
1	1	MC_BAT_SCALE_EN	0 6	
1	1	MC_MAN_TILT_TAU	0.000000000000000000	9
1	1	MC_ORBIT_RAD_MAX	1000.000000000000000000	9
1	1	MC_PITCHRATE_D	0.003000000026077032	9
1	1	MC_PITCHRATE_FF	0.000000000000000000	9
1	1	MC_PITCHRATE_I	0.200000002980232239	9
1	1	MC_PITCHRATE_K	1.000000000000000000	9
1	1	MC_PITCHRATE_MAX	220.000000000000000000	9
1	1	MC_PITCHRATE_P	0.150000005960464478	9
1	1	MC_PITCH_P	6.500000000000000000	9
1	1	MC_PR_INT_LIM	0.300000011920928955	9
1	1	MC_ROLLRATE_D	0.003000000026077032	9
1	1	MC_ROLLRATE_FF	0.000000000000000000	9
1	1	MC_ROLLRATE_I	0.200000002980232239	9
1	1	MC_ROLLRATE_K	1.000000000000000000	9
1	1	MC_ROLLRATE_MAX	220.000000000000000000	9
1	1	MC_ROLLRATE_P	0.150000005960464478	9
1	1	MC_ROLL_P	6.500000000000000000	9
1	1	MC_RR_INT_LIM	0.300000011920928955	9
1	1	MC_SLOW_DEF_HVEL	3.000000000000000000	9
1	1	MC_SLOW_DEF_VVEL	1.000000000000000000	9
1	1	MC_SLOW_DEF_YAWR	45.000000000000000000	9
1	1	MC_SLOW_MAP_HVEL	0 6	
1	1	MC_SLOW_MAP_VVEL	0 6	
1	1	MC_SLOW_MAP_YAWR	0 6	
1	1	MC_SLOW_MIN_HVEL	0.300000011920928955	9
1	1	MC_SLOW_MIN_VVEL	0.300000011920928955	9
1	1	MC_SLOW_MIN_YAWR	3.000000000000000000	9
1	1	MC_YAWRATE_D	0.000000000000000000	9
1	1	MC_YAWRATE_FF	0.000000000000000000	9
1	1	MC_YAWRATE_I	0.100000001490116119	9
1	1	MC_YAWRATE_K	1.000000000000000000	9
1	1	MC_YAWRATE_MAX	200.000000000000000000	9
1	1	MC_YAWRATE_P	0.200000002980232239	9
1	1	MC_YAW_P	2.799999952316284180	9
1	1	MC_YAW_WEIGHT	0.400000005960464478	9
1	1	MC_YR_INT_LIM	0.300000011920928955	9
1	1	MIS_DIST_1WP	900.000000000000000000	9
1	1	MIS_LND_ABRT_ALT	30 6	
1	1	MIS_MNT_YAW_CTL	0 6	
1	1	MIS_PD_TO	5.000000000000000000	9
1	1	MIS_TAKEOFF_ALT	2.500000000000000000	9
1	1	MIS_TKO_LAND_REQ	0 6	
1	1	MIS_YAW_ERR	12.000000000000000000	9
1	1	MIS_YAW_TMT	-1.000000000000000000	9
1	1	MNT_MODE_IN	-1 6	
1	1	MOT_POLE_COUNT	14 6	
1	1	MOT_SLEW_MAX	0.000000000000000000	9
1	1	MPC_ACC_DOWN_MAX	3.000000000000000000	9

1	1	MPC_ACC_HOR	3.0000000000000000	9
1	1	MPC_ACC_HOR_MAX	5.0000000000000000	9
1	1	MPC_ACC_UP_MAX	4.0000000000000000	9
1	1	MPC_ALT_MODE	2 6	
1	1	MPC_HOLD_DZ	0.10000001490116119	9
1	1	MPC_HOLD_MAX_XY	0.80000011920928955	9
1	1	MPC_HOLD_MAX_Z	0.600000023841857910	9
1	1	MPC_JERK_AUTO	4.0000000000000000	9
1	1	MPC_JERK_MAX	8.0000000000000000	9
1	1	MPC_LAND_ALT1	10.0000000000000000	9
1	1	MPC_LAND_ALT2	5.0000000000000000	9
1	1	MPC_LAND_ALT3	1.0000000000000000	9
1	1	MPC_LAND_CRWL	0.300000011920928955	9
1	1	MPC_LAND_RADIUS	1000.0000000000000000	9
1	1	MPC_LAND_RC_HELP	0 6	
1	1	MPC_LAND_SPEED	0.699999988079071045	9
1	1	MPC_MANTHR_MIN	0.079999998211860657	9
1	1	MPC_MAN_TILT_MAX	35.0000000000000000	9
1	1	MPC_MAN_Y_MAX	150.0000000000000000	9
1	1	MPC_MAN_Y_TAU	0.079999998211860657	9
1	1	MPC_POS_MODE	4 6	
1	1	MPC_THR_CURVE	0 6	
1	1	MPC_THR_HOVER	0.5000000000000000	9
1	1	MPC_THR_MAX	1.0000000000000000	9
1	1	MPC_THR_MIN	0.119999997317790985	9
1	1	MPC_THR_XY_MARG	0.300000011920928955	9
1	1	MPC_TILTMAX_AIR	45.0000000000000000	9
1	1	MPC_TILTMAX_LND	12.0000000000000000	9
1	1	MPC_TKO_RAMP_T	3.0000000000000000	9
1	1	MPC_TKO_SPEED	1.5000000000000000	9
1	1	MPC_USE_HTE	1 6	
1	1	MPC_VELD_LP	5.0000000000000000	9
1	1	MPC_VEL_MANUAL	10.0000000000000000	9
1	1	MPC_VEL_MAN_BACK	-1.0000000000000000	9
1	1	MPC_VEL_MAN_SIDE	-1.0000000000000000	9
1	1	MPC_XY_CRUISE	5.0000000000000000	9
1	1	MPC_XY_ERR_MAX	2.0000000000000000	9
1	1	MPC_XY_MAN_EXPO	0.600000023841857910	9
1	1	MPC_XY_P	0.949999988079071045	9
1	1	MPC_XY_TRAJ_P	0.5000000000000000	9
1	1	MPC_XY_VEL_ALL	-10.0000000000000000	9
1	1	MPC_XY_VEL_D_ACC	0.20000002980232239	9
1	1	MPC_XY_VEL_I_ACC	0.40000005960464478	9
1	1	MPC_XY_VEL_MAX	12.0000000000000000	9
1	1	MPC_XY_VEL_P_ACC	1.799999952316284180	9
1	1	MPC_YAWRAUTO_ACC	60.0000000000000000	9
1	1	MPC_YAWRAUTO_MAX	45.0000000000000000	9
1	1	MPC_YAW_EXPO	0.600000023841857910	9
1	1	MPC_YAW_MODE	0 6	
1	1	MPC_Z_MAN_EXPO	0.600000023841857910	9
1	1	MPC_Z_P	1.0000000000000000	9
1	1	MPC_Z_VEL_ALL	-3.0000000000000000	9

1	1	MPC_Z_VEL_D_ACC	0.000000000000000000	9
1	1	MPC_Z_VEL_I_ACC	2.000000000000000000	9
1	1	MPC_Z_VEL_MAX_DN	1.500000000000000000	9
1	1	MPC_Z_VEL_MAX_UP	3.000000000000000000	9
1	1	MPC_Z_VEL_P_ACC	4.000000000000000000	9
1	1	MPC_Z_V_AUTO_DN	1.500000000000000000	9
1	1	MPC_Z_V_AUTO_UP	3.000000000000000000	9
1	1	NAV_ACC_RAD	2.000000000000000000	9
1	1	NAV_DLL_ACT	0 6	
1	1	NAV_FORCE_VT	1 6	
1	1	NAV_FW_ALTL_RAD	5.000000000000000000	9
1	1	NAV_FW_ALT_RAD	10.000000000000000000	9
1	1	NAV_LOITER_RAD	80.000000000000000000	9
1	1	NAV_MC_ALT_RAD	0.800000011920928955	9
1	1	NAV_MIN_LTR_ALT	-1.000000000000000000	9
1	1	NAV_RCL_ACT	2 6	
1	1	NAV_TRAFF_AVOID	1 6	
1	1	NAV_TRAFF_A_HOR	500.000000000000000000	9
1	1	NAV_TRAFF_A_VER	500.000000000000000000	9
1	1	NAV_TRAFF_COLL_T	60 6	
1	1	PLD_BTOUT	5.000000000000000000	9
1	1	PLD_FAPPR_ALT	0.100000001490116119	9
1	1	PLD_HACC_RAD	0.200000002980232239	9
1	1	PLD_MAX_SRCH	3 6	
1	1	PLD_SRCH_ALT	10.000000000000000000	9
1	1	PLD_SRCH_TOUT	10.000000000000000000	9
1	1	PWM_AUX_DIS1	1000 6	
1	1	PWM_AUX_DIS2	1000 6	
1	1	PWM_AUX_DIS3	1000 6	
1	1	PWM_AUX_DIS4	1000 6	
1	1	PWM_AUX_DIS5	1000 6	
1	1	PWM_AUX_DIS6	1000 6	
1	1	PWM_AUX_DIS7	1000 6	
1	1	PWM_AUX_DIS8	1000 6	
1	1	PWM_AUX_FAIL1	-1 6	
1	1	PWM_AUX_FAIL2	-1 6	
1	1	PWM_AUX_FAIL3	-1 6	
1	1	PWM_AUX_FAIL4	-1 6	
1	1	PWM_AUX_FAIL5	-1 6	
1	1	PWM_AUX_FAIL6	-1 6	
1	1	PWM_AUX_FAIL7	-1 6	
1	1	PWM_AUX_FAIL8	-1 6	
1	1	PWM_AUX_FUNC10	6	
1	1	PWM_AUX_FUNC20	6	
1	1	PWM_AUX_FUNC30	6	
1	1	PWM_AUX_FUNC40	6	
1	1	PWM_AUX_FUNC50	6	
1	1	PWM_AUX_FUNC60	6	
1	1	PWM_AUX_FUNC70	6	
1	1	PWM_AUX_FUNC80	6	
1	1	PWM_AUX_MAX1	2000 6	
1	1	PWM_AUX_MAX2	2000 6	

1	1	PWM_AUX_MAX3	2000	6
1	1	PWM_AUX_MAX4	2000	6
1	1	PWM_AUX_MAX5	2000	6
1	1	PWM_AUX_MAX6	2000	6
1	1	PWM_AUX_MAX7	2000	6
1	1	PWM_AUX_MAX8	2000	6
1	1	PWM_AUX_MIN1	1000	6
1	1	PWM_AUX_MIN2	1000	6
1	1	PWM_AUX_MIN3	1000	6
1	1	PWM_AUX_MIN4	1000	6
1	1	PWM_AUX_MIN5	1000	6
1	1	PWM_AUX_MIN6	1000	6
1	1	PWM_AUX_MIN7	1000	6
1	1	PWM_AUX_MIN8	1000	6
1	1	PWM_AUX_REV	0	6
1	1	PWM_AUX_TIM0	400	6
1	1	PWM_AUX_TIM1	400	6
1	1	PWM_AUX_TIM2	400	6
1	1	PWM_MAIN_DIS1	1000	6
1	1	PWM_MAIN_DIS2	1000	6
1	1	PWM_MAIN_DIS3	1000	6
1	1	PWM_MAIN_DIS4	1000	6
1	1	PWM_MAIN_DIS5	1000	6
1	1	PWM_MAIN_DIS6	1000	6
1	1	PWM_MAIN_DIS7	1000	6
1	1	PWM_MAIN_DIS8	1000	6
1	1	PWM_MAIN_FAIL1-1		6
1	1	PWM_MAIN_FAIL2-1		6
1	1	PWM_MAIN_FAIL3-1		6
1	1	PWM_MAIN_FAIL4-1		6
1	1	PWM_MAIN_FAIL5-1		6
1	1	PWM_MAIN_FAIL6-1		6
1	1	PWM_MAIN_FAIL7-1		6
1	1	PWM_MAIN_FAIL8-1		6
1	1	PWM_MAIN_FUNC1	0	6
1	1	PWM_MAIN_FUNC2	0	6
1	1	PWM_MAIN_FUNC3	0	6
1	1	PWM_MAIN_FUNC4	0	6
1	1	PWM_MAIN_FUNC5	0	6
1	1	PWM_MAIN_FUNC6	0	6
1	1	PWM_MAIN_FUNC7	0	6
1	1	PWM_MAIN_FUNC8	0	6
1	1	PWM_MAIN_MAX1	2000	6
1	1	PWM_MAIN_MAX2	2000	6
1	1	PWM_MAIN_MAX3	2000	6
1	1	PWM_MAIN_MAX4	2000	6
1	1	PWM_MAIN_MAX5	2000	6
1	1	PWM_MAIN_MAX6	2000	6
1	1	PWM_MAIN_MAX7	2000	6
1	1	PWM_MAIN_MAX8	2000	6
1	1	PWM_MAIN_MIN1	1000	6
1	1	PWM_MAIN_MIN2	1000	6

1	1	PWM_MAIN_MIN3	1000	6	
1	1	PWM_MAIN_MIN4	1000	6	
1	1	PWM_MAIN_MIN5	1000	6	
1	1	PWM_MAIN_MIN6	1000	6	
1	1	PWM_MAIN_MIN7	1000	6	
1	1	PWM_MAIN_MIN8	1000	6	
1	1	PWM_MAIN_REV	0	6	
1	1	PWM_MAIN_TIM0	400	6	
1	1	PWM_MAIN_TIM1	400	6	
1	1	PWM_MAIN_TIM2	400	6	
1	1	PWM_SBUS_MODE0		6	
1	1	RC10_DZ	0.000000000000000000		9
1	1	RC10_MAX	2000.000000000000000000		9
1	1	RC10_MIN	1000.000000000000000000		9
1	1	RC10_REV	1.000000000000000000		9
1	1	RC10_TRIM	1500.000000000000000000		9
1	1	RC11_DZ	0.000000000000000000		9
1	1	RC11_MAX	2077.000000000000000000		9
1	1	RC11_MIN	1109.000000000000000000		9
1	1	RC11_REV	1.000000000000000000		9
1	1	RC11_TRIM	1593.000000000000000000		9
1	1	RC12_DZ	0.000000000000000000		9
1	1	RC12_MAX	2000.000000000000000000		9
1	1	RC12_MIN	1000.000000000000000000		9
1	1	RC12_REV	1.000000000000000000		9
1	1	RC12_TRIM	1500.000000000000000000		9
1	1	RC13_DZ	0.000000000000000000		9
1	1	RC13_MAX	2000.000000000000000000		9
1	1	RC13_MIN	880.000000000000000000		9
1	1	RC13_REV	1.000000000000000000		9
1	1	RC13_TRIM	1440.000000000000000000		9
1	1	RC14_DZ	0.000000000000000000		9
1	1	RC14_MAX	2140.000000000000000000		9
1	1	RC14_MIN	880.000000000000000000		9
1	1	RC14_REV	1.000000000000000000		9
1	1	RC14_TRIM	1510.000000000000000000		9
1	1	RC15_DZ	0.000000000000000000		9
1	1	RC15_MAX	2014.000000000000000000		9
1	1	RC15_MIN	898.000000000000000000		9
1	1	RC15_REV	1.000000000000000000		9
1	1	RC15_TRIM	1456.000000000000000000		9
1	1	RC16_DZ	0.000000000000000000		9
1	1	RC16_MAX	2140.000000000000000000		9
1	1	RC16_MIN	898.000000000000000000		9
1	1	RC16_REV	1.000000000000000000		9
1	1	RC16_TRIM	1519.000000000000000000		9
1	1	RC17_DZ	0.000000000000000000		9
1	1	RC17_MAX	2000.000000000000000000		9
1	1	RC17_MIN	1000.000000000000000000		9
1	1	RC17_REV	1.000000000000000000		9
1	1	RC17_TRIM	1500.000000000000000000		9
1	1	RC18_DZ	0.000000000000000000		9

1	1	RC18_MAX	2000.000000000000000000000000	9
1	1	RC18_MIN	1000.000000000000000000000000	9
1	1	RC18_REV	1.000000000000000000000000	9
1	1	RC18_TRIM	1500.000000000000000000000000	9
1	1	RC1_DZ	10.000000000000000000000000	9
1	1	RC1_MAX	2012.000000000000000000000000	9
1	1	RC1_MIN	989.000000000000000000000000	9
1	1	RC1_REV	1.000000000000000000000000	9
1	1	RC1_TRIM	1500.000000000000000000000000	9
1	1	RC2_DZ	10.000000000000000000000000	9
1	1	RC2_MAX	2012.000000000000000000000000	9
1	1	RC2_MIN	989.000000000000000000000000	9
1	1	RC2_REV	1.000000000000000000000000	9
1	1	RC2_TRIM	1500.000000000000000000000000	9
1	1	RC3_DZ	10.000000000000000000000000	9
1	1	RC3_MAX	2012.000000000000000000000000	9
1	1	RC3_MIN	989.000000000000000000000000	9
1	1	RC3_REV	1.000000000000000000000000	9
1	1	RC3_TRIM	989.000000000000000000000000	9
1	1	RC4_DZ	10.000000000000000000000000	9
1	1	RC4_MAX	2012.000000000000000000000000	9
1	1	RC4_MIN	989.000000000000000000000000	9
1	1	RC4_REV	1.000000000000000000000000	9
1	1	RC4_TRIM	1500.000000000000000000000000	9
1	1	RC5_DZ	10.000000000000000000000000	9
1	1	RC5_MAX	2000.000000000000000000000000	9
1	1	RC5_MIN	999.000000000000000000000000	9
1	1	RC5_REV	1.000000000000000000000000	9
1	1	RC5_TRIM	1499.000000000000000000000000	9
1	1	RC6_DZ	10.000000000000000000000000	9
1	1	RC6_MAX	2000.000000000000000000000000	9
1	1	RC6_MIN	999.000000000000000000000000	9
1	1	RC6_REV	1.000000000000000000000000	9
1	1	RC6_TRIM	1499.000000000000000000000000	9
1	1	RC7_DZ	10.000000000000000000000000	9
1	1	RC7_MAX	2000.000000000000000000000000	9
1	1	RC7_MIN	999.000000000000000000000000	9
1	1	RC7_REV	1.000000000000000000000000	9
1	1	RC7_TRIM	1499.000000000000000000000000	9
1	1	RC8_DZ	10.000000000000000000000000	9
1	1	RC8_MAX	2000.000000000000000000000000	9
1	1	RC8_MIN	999.000000000000000000000000	9
1	1	RC8_REV	1.000000000000000000000000	9
1	1	RC8_TRIM	1499.000000000000000000000000	9
1	1	RC9_DZ	0.000000000000000000000000	9
1	1	RC9_MAX	2000.000000000000000000000000	9
1	1	RC9_MIN	1000.000000000000000000000000	9
1	1	RC9_REV	1.000000000000000000000000	9
1	1	RC9_TRIM	1500.000000000000000000000000	9
1	1	RC_ARMSWITCH_TH	0.750000000000000000000000	9
1	1	RC_CHAN_CNT	8 6	
1	1	RC_CRSF_PRT_CFG	103 6	

1	1	RC_CRSF_TEL_EN	1	6		
1	1	RC_ENG_MOT_TH	0.750000000000000000		9	
1	1	RC_FAILS_THR	0	6		
1	1	RC_GEAR_TH	0.750000000000000000		9	
1	1	RC_KILLSWITCH_TH	0.750000000000000000		9	9
1	1	RC_LOITER_TH	0.750000000000000000		9	
1	1	RC_MAP_ACRO_SW	0	6		
1	1	RC_MAP_ARM_SW	5	6		
1	1	RC_MAP_AUX1	5	6		
1	1	RC_MAP_AUX2	0	6		
1	1	RC_MAP_AUX3	0	6		
1	1	RC_MAP_AUX4	0	6		
1	1	RC_MAP_AUX5	0	6		
1	1	RC_MAP_AUX6	0	6		
1	1	RC_MAP_ENG_MOT	0	6		
1	1	RC_MAP_FAILSAFE	0	6		
1	1	RC_MAP_FLAPS	0	6		
1	1	RC_MAP_FLTMODE	6	6		
1	1	RC_MAP_FLTM_BTN	0	6		
1	1	RC_MAP_GEAR_SW	0	6		
1	1	RC_MAP_KILL_SW	0	6		
1	1	RC_MAP_LOITER_SW	0	6		
1	1	RC_MAP_MAN_SW	0	6		
1	1	RC_MAP_MODE_SW	0	6		
1	1	RC_MAP_OFFB_SW	0	6		
1	1	RC_MAP_PARAM1	0	6		
1	1	RC_MAP_PARAM2	0	6		
1	1	RC_MAP_PARAM3	0	6		
1	1	RC_MAP_PITCH	2	6		
1	1	RC_MAP_POSCTL_SW	0	6		
1	1	RC_MAP_RATT_SW	0	6		
1	1	RC_MAP_RETURN_SW	0	6		
1	1	RC_MAP_ROLL	1	6		
1	1	RC_MAP_STAB_SW	0	6		
1	1	RC_MAP_THROTTLE	3	6		
1	1	RC_MAP_TRANS_SW	0	6		
1	1	RC_MAP_YAW	4	6		
1	1	RC_OFFB_TH	0.750000000000000000		9	
1	1	RC_RETURN_TH	0.750000000000000000		9	
1	1	RC_RSSI_PWM_CHAN	0	6		
1	1	RC_RSSI_PWM_MAX	2000	6		
1	1	RC_RSSI_PWM_MIN	1000	6		
1	1	RC_TRANS_TH	0.750000000000000000		9	
1	1	RTL_APPR_FORCE	0	6		
1	1	RTL_CONE_ANG	45	6		
1	1	RTL_DESCEND_ALT	10.0000000000000000		9	9
1	1	RTL_HDG_MD	0	6		
1	1	RTL_LAND_DELAY	0.000000000000000000		9	9
1	1	RTL_LOITER_RAD	80.0000000000000000		9	
1	1	RTL_MIN_DIST	10.0000000000000000		9	
1	1	RTL_PLD_MD	0	6		
1	1	RTL_RETURN_ALT	30.0000000000000000		9	

1	1	RTL_TIME_FACTOR	1.100000023841857910	9
1	1	RTL_TIME_MARGIN	100 6	
1	1	RTL_TYPE 0 6		
1	1	SDLOG_BOOT_BAT	0 6	
1	1	SDLOG_DIRS_MAX	0 6	
1	1	SDLOG_MISSION 0	6	
1	1	SDLOG_MODE 0	6	
1	1	SDLOG_PROFILE 1	6	
1	1	SDLOG_UTC_OFFSET	0 6	
1	1	SDLOG_UUID 1	6	
1	1	SENS_BARO_QNH 1013.250000000000000000	9	
1	1	SENS_BARO_RATE 20.000000000000000000	9	
1	1	SENS_BOARD_ROT	0 6	
1	1	SENS_BOARD_X_OFF	1.009152412414550781	9
1	1	SENS_BOARD_Y_OFF	-2.930162191390991211	9
1	1	SENS_BOARD_Z_OFF	0.000000000000000000	9
1	1	SENS_CM8JL65_CFG	0 6	
1	1	SENS_DPRES_OFF 0.000000000000000000	9	
1	1	SENS_EN_BATT 0	6	
1	1	SENS_EN_LL40LS 0	6	
1	1	SENS_EN_MB12XX0	6	
1	1	SENS_EN_MS4525DO	0 6	
1	1	SENS_EN_MS5525DS	0 6	
1	1	SENS_EN_PAA3905 0	6	
1	1	SENS_EN_PAW39020	6	
1	1	SENS_EN_PGA460 0	6	
1	1	SENS_EN_PMW3901	0 6	
1	1	SENS_EN_PX4FLOW	0 6	
1	1	SENS_EN_SDP3X 0	6	
1	1	SENS_EN_SF1XX 0	6	
1	1	SENS_EN_TF02PRO	0 6	
1	1	SENS_EN_THERMAL	-1 6	
1	1	SENS_EN_TRANGER	0 6	
1	1	SENS_EN_VL53L0X	0 6	
1	1	SENS_EN_VL53L1X	0 6	
1	1	SENS_EXT_I2C_PRB	1 6	
1	1	SENS_GPS_MASK 7	6	
1	1	SENS_GPS_PRIME 0	6	
1	1	SENS_GPS_TAU 10.000000000000000000	9	
1	1	SENS_IMU_AUTOCAL	1 6	
1	1	SENS_IMU_CLPNOTI	1 6	
1	1	SENS_IMU_MODE 0	6	
1	1	SENS_LEDDAR1_CFG	0 6	
1	1	SENS_MAG_AUTOCAL	1 6	
1	1	SENS_MAG_AUTOROT	1 6	
1	1	SENS_MAG_MODE 1	6	
1	1	SENS_MAG_RATE 15.000000000000000000	9	
1	1	SENS_MAG_SIDES 63	6	
1	1	SENS_SFOX_CFG 0	6	
1	1	SENS_TFLOW_CFG0	6	
1	1	SENS_TFMINI_CFG0	6	
1	1	SENS_ULAND_CFG	0 6	

1	1	SENS_VN_CFG	0	6	
1	1	SER_GPS1_BAUD	0	6	
1	1	SER_TEL1_BAUD	57600	6	
1	1	SYS_AUTOCONFIG0		6	
1	1	SYS_AUTOSTART	4001	6	
1	1	SYS_CAL_ACCEL	0	6	
1	1	SYS_CAL_BARO	0	6	
1	1	SYS_CAL_GYRO	0	6	
1	1	SYS_CAL_TDEL	24	6	
1	1	SYS_CAL_TMAX	10	6	
1	1	SYS_CAL_TMIN	5	6	
1	1	SYS_DM_BACKEND	0	6	
1	1	SYS_FAC_CAL_MODE	0	6	
1	1	SYS_FAILURE_EN	0	6	
1	1	SYS_HAS_BARO	1	6	
1	1	SYS_HAS_GPS	1	6	
1	1	SYS_HAS_MAG	1	6	
1	1	SYS_HAS_NUM_DIST	0	6	
1	1	SYS_HITL	0	6	
1	1	SYS_MC_EST_GROUP	2	6	
1	1	SYS_RGB_MAXBRT	1.0000000000000000	9	
1	1	SYS_STCK_EN	1	6	
1	1	SYS_VEHICLE_RESP	-0.400000005960464478	9	
1	1	TC_A_ENABLE	0	6	
1	1	TC_B_ENABLE	0	6	
1	1	TC_G_ENABLE	0	6	
1	1	TEL_BST_EN	0	6	
1	1	TEL_FRSKY_CONFIG	0	6	
1	1	TEL_HOTT_CONFIG	0	6	
1	1	THR_MDL_FAC	0.0000000000000000	9	
1	1	TRIG_MODE0	6		
1	1	UAVCAN_BITRATE	1000000	6	
1	1	UAVCAN_EC_FAIL1	-1	6	
1	1	UAVCAN_EC_FAIL2	-1	6	
1	1	UAVCAN_EC_FAIL3	-1	6	
1	1	UAVCAN_EC_FAIL4	-1	6	
1	1	UAVCAN_EC_FAIL5	-1	6	
1	1	UAVCAN_EC_FAIL6	-1	6	
1	1	UAVCAN_EC_FAIL7	-1	6	
1	1	UAVCAN_EC_FAIL8	-1	6	
1	1	UAVCAN_EC_FUNC1	0	6	
1	1	UAVCAN_EC_FUNC2	0	6	
1	1	UAVCAN_EC_FUNC3	0	6	
1	1	UAVCAN_EC_FUNC4	0	6	
1	1	UAVCAN_EC_FUNC5	0	6	
1	1	UAVCAN_EC_FUNC6	0	6	
1	1	UAVCAN_EC_FUNC7	0	6	
1	1	UAVCAN_EC_FUNC8	0	6	
1	1	UAVCAN_EC_MAX1	8191	6	
1	1	UAVCAN_EC_MAX2	8191	6	
1	1	UAVCAN_EC_MAX3	8191	6	
1	1	UAVCAN_EC_MAX4	8191	6	

1	1	UAVCAN_EC_MAX5	8191	6
1	1	UAVCAN_EC_MAX6	8191	6
1	1	UAVCAN_EC_MAX7	8191	6
1	1	UAVCAN_EC_MAX8	8191	6
1	1	UAVCAN_EC_MIN1	1	6
1	1	UAVCAN_EC_MIN2	1	6
1	1	UAVCAN_EC_MIN3	1	6
1	1	UAVCAN_EC_MIN4	1	6
1	1	UAVCAN_EC_MIN5	1	6
1	1	UAVCAN_EC_MIN6	1	6
1	1	UAVCAN_EC_MIN7	1	6
1	1	UAVCAN_EC_MIN8	1	6
1	1	UAVCAN_EC_REV 0	6	
1	1	UAVCAN_ENABLE 2	6	
1	1	UAVCAN_LGT_ANTCL	2	6
1	1	UAVCAN_LGT_LAND	0	6
1	1	UAVCAN_LGT_NAV	3	6
1	1	UAVCAN_LGT_STROB	1	6
1	1	UAVCAN_NODE_ID	1	6
1	1	UAVCAN_PUB_ARM	0	6
1	1	UAVCAN_PUB_MBD	0	6
1	1	UAVCAN_PUB_RTCM	0	6
1	1	UAVCAN_SUB_ASPD	0	6
1	1	UAVCAN_SUB_BARO	0	6
1	1	UAVCAN_SUB_BAT	0	6
1	1	UAVCAN_SUB_BTN	0	6
1	1	UAVCAN_SUB_DPRES	0	6
1	1	UAVCAN_SUB_FLOW	0	6
1	1	UAVCAN_SUB_GPS	1	6
1	1	UAVCAN_SUB_HYGRO	0	6
1	1	UAVCAN_SUB_ICE 0	6	
1	1	UAVCAN_SUB_IMU	0	6
1	1	UAVCAN_SUB_MAG	1	6
1	1	UAVCAN_SUB_RNG	0	6
1	1	UAVCAN_SV_DIS1 500	6	
1	1	UAVCAN_SV_DIS2 500	6	
1	1	UAVCAN_SV_DIS3 500	6	
1	1	UAVCAN_SV_DIS4 500	6	
1	1	UAVCAN_SV_DIS5 500	6	
1	1	UAVCAN_SV_DIS6 500	6	
1	1	UAVCAN_SV_DIS7 500	6	
1	1	UAVCAN_SV_DIS8 500	6	
1	1	UAVCAN_SV_FAIL1	-1	6
1	1	UAVCAN_SV_FAIL2	-1	6
1	1	UAVCAN_SV_FAIL3	-1	6
1	1	UAVCAN_SV_FAIL4	-1	6
1	1	UAVCAN_SV_FAIL5	-1	6
1	1	UAVCAN_SV_FAIL6	-1	6
1	1	UAVCAN_SV_FAIL7	-1	6
1	1	UAVCAN_SV_FAIL8	-1	6
1	1	UAVCAN_SV_FUNC1	0	6
1	1	UAVCAN_SV_FUNC2	0	6

1	1	UAVCAN_SV_FUNC3	0	6	
1	1	UAVCAN_SV_FUNC4	0	6	
1	1	UAVCAN_SV_FUNC5	0	6	
1	1	UAVCAN_SV_FUNC6	0	6	
1	1	UAVCAN_SV_FUNC7	0	6	
1	1	UAVCAN_SV_FUNC8	0	6	
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1	1	UAVCAN_SV_MAX2	1000	6	
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1	1	UAVCAN_SV_MIN6	0	6	
1	1	UAVCAN_SV_MIN7	0	6	
1	1	UAVCAN_SV_MIN8	0	6	
1	1	UAVCAN_SV_REV	0	6	
1	1	UXRCE_DDS_CFG	0	6	
1	1	VT_B_DEC_MSS	2.0000000000000000		9
1	1	WV_EN	0	6	
1	1	WV_GAIN	1.0000000000000000		9
1	1	WV_ROLL_MIN	1.0000000000000000		9
1	1	WV_YRATE_MAX	90.0000000000000000		9