

# Onboard parameters for Vehicle 1

#

# Stack: ArduPilot

# Vehicle: Multi-Rotor

# Version: 3.5.6 rc

# Git Revision: 643a83d7

#

#	Vehicle-Id	Component-Id	Name	Value	Type	
1	1		ACCEL_Z_D	0.000000000000000000		9
1	1		ACCEL_Z_FF	0.000000000000000000		9
1	1		ACCEL_Z_FILT	20.000000000000000000		9
1	1		ACCEL_Z_I	1.000000000000000000		9
1	1		ACCEL_Z_IMAX	800.000000000000000000		9
1	1		ACCEL_Z_P	0.300000011920928955		9
1	1		ACRO_BAL_PITCH	1.000000000000000000		9
1	1		ACRO_BAL_ROLL	1.000000000000000000		9
1	1		ACRO_RP_EXPO	0.300000011920928955		9
1	1		ACRO_RP_P	4.500000000000000000		9
1	1		ACRO_THR_MID	0.000000000000000000		9
1	1		ACRO_TRAINER	2	2	
1	1		ACRO_YAW_P	4.500000000000000000		9
1	1		ACRO_Y_EXPO	0.000000000000000000		9
1	1		ADSB_ENABLE	0	2	
1	1		AHRS_COMP_BETA	0.100000001490116119		9
1	1		AHRS_EKF_TYPE	2	2	
1	1		AHRS_GPS_GAIN	1.000000000000000000		9
1	1		AHRS_GPS_MINSATS	6	2	
1	1		AHRS_GPS_USE	1	2	
1	1		AHRS_ORIENTATION	0	2	
1	1		AHRS_RP_P	0.200000002980232239		9
1	1		AHRS_TRIM_X	0.011281174607574940		9
1	1		AHRS_TRIM_Y	-0.023949375376105309		9
1	1		AHRS_TRIM_Z	0.000000000000000000		9
1	1		AHRS_WIND_MAX	0	2	
1	1		AHRS_YAW_P	0.200000002980232239		9
1	1		ANGLE_MAX	4500	4	
1	1		ARMING_ACCTHRESH	0.750000000000000000		9
1	1		ARMING_CHECK	1	4	
1	1		ARMING_VOLT2_MIN	0.000000000000000000		9
1	1		ARMING_VOLT_MIN	11.100000381469726563		9
1	1		ATC_ACCEL_P_MAX	110000.000000000000000000		9
1	1		ATC_ACCEL_R_MAX	110000.000000000000000000		9
1	1		ATC_ACCEL_Y_MAX	27000.000000000000000000		9
1	1		ATC_ANGLE_BOOST	1	2	
1	1		ATC_ANG_LIM_TC	1.000000000000000000		9
1	1		ATC_ANG_PIT_P	4.500000000000000000		9
1	1		ATC_ANG_RLL_P	4.500000000000000000		9
1	1		ATC_ANG_YAW_P	4.500000000000000000		9
1	1		ATC_HOVR_ROL_TRM	300	4	
1	1		ATC_PIRO_COMP	0	2	
1	1		ATC_RATE_FF_ENAB	1	2	
1	1		ATC_RAT_PIT_D	0.001000000047497451		9
1	1		ATC_RAT_PIT_FILT	20.000000000000000000		9
1	1		ATC_RAT_PIT_I	0.600000023841857910		9

1	1	ATC_RAT_PIT_ILMI	0.000000000000000000	9
1	1	ATC_RAT_PIT_IMAX	1.000000000000000000	9
1	1	ATC_RAT_PIT_P	0.024000000208616257	9
1	1	ATC_RAT_PIT_VFF	0.059999998658895493	9
1	1	ATC_RAT_RLL_D	0.001000000047497451	9
1	1	ATC_RAT_RLL_FILT	20.000000000000000000	9
1	1	ATC_RAT_RLL_I	0.600000023841857910	9
1	1	ATC_RAT_RLL_ILMI	0.000000000000000000	9
1	1	ATC_RAT_RLL_IMAX	1.000000000000000000	9
1	1	ATC_RAT_RLL_P	0.024000000208616257	9
1	1	ATC_RAT_RLL_VFF	0.059999998658895493	9
1	1	ATC_RAT_YAW_D	0.003000000026077032	9
1	1	ATC_RAT_YAW_FILT	20.000000000000000000	9
1	1	ATC_RAT_YAW_I	0.119999997317790985	9
1	1	ATC_RAT_YAW_ILMI	0.000000000000000000	9
1	1	ATC_RAT_YAW_IMAX	1.000000000000000000	9
1	1	ATC_RAT_YAW_P	0.180000007152557373	9
1	1	ATC_RAT_YAW_VFF	0.024000000208616257	9
1	1	ATC_SLEW_YAW	6000.000000000000000000	9
1	1	AUTOTUNE_AGGR	0.100000001490116119	9
1	1	AUTOTUNE_AXES	7 2	
1	1	AUTOTUNE_MIN_D	0.001000000047497451	9
1	1	AVD_ENABLE	0 2	
1	1	AVOID_ANGLE_MAX	1000 4	
1	1	AVOID_DIST_MAX	5.000000000000000000	9
1	1	AVOID_ENABLE	3 2	
1	1	AVOID_MARGIN	2.000000000000000000	9
1	1	BATT2_AMP_OFFSET	0.000000000000000000	9
1	1	BATT2_AMP_PERVOL	17.000000000000000000	9
1	1	BATT2_CAPACITY	3300 6	
1	1	BATT2_CURR_PIN	3 2	
1	1	BATT2_MONITOR	0 2	
1	1	BATT2_SERIAL_NUM	-1 6	
1	1	BATT2_VOLT_MULT	10.100000381469726563	9
1	1	BATT2_VOLT_PIN	2 2	
1	1	BATT_AMP_OFFSET	0.000000000000000000	9
1	1	BATT_AMP_PERVOLT	17.000000000000000000	9
1	1	BATT_CAPACITY	2500 6	
1	1	BATT_CURR_PIN	3 2	
1	1	BATT_MONITOR	3 2	
1	1	BATT_SERIAL_NUM	-1 6	
1	1	BATT_VOLT_MULT	10.692212104797363281	9
1	1	BATT_VOLT_PIN	2 2	
1	1	BATT_VOLT_TIMER	10 2	
1	1	BCN_ALT	0.000000000000000000 9	
1	1	BCN_LATITUDE	0.000000000000000000	9
1	1	BCN_LONGITUDE	0.000000000000000000	9
1	1	BCN_ORIENT_YAW	0 4	
1	1	BCN_TYPE	0 2	
1	1	BRD_CAN_ENABLE	0 2	
1	1	BRD_IMU_TARGTEMP	-1 2	
1	1	BRD_IO_ENABLE	1 2	
1	1	BRD_PWM_COUNT	4 2	
1	1	BRD_SAFETYENABLE	1 2	

1	1	BRD_SAFETYOPTION	3	4	
1	1	BRD_SAFETY_MASK	0	6	
1	1	BRD_SBUS_OUT	0	2	
1	1	BRD_SER1_RTSCTS	2	2	
1	1	BRD_SER2_RTSCTS	2	2	
1	1	BRD_SERIAL_NUM	0	4	
1	1	BRD_TYPE 5	2		
1	1	BTN_ENABLE	0	2	
1	1	CAM_DURATION	10	2	
1	1	CAM_FEEDBACK_PIN	-1	2	
1	1	CAM_FEEDBACK_POL	1	2	
1	1	CAM_MAX_ROLL	0	4	
1	1	CAM_MIN_INTERVAL	0	4	
1	1	CAM_RELAY_ON	1	2	
1	1	CAM_SERVO_OFF	1100	4	
1	1	CAM_SERVO_ON	1300	4	
1	1	CAM_TRIGG_DIST	0.000000000000000000		9
1	1	CAM_TRIGG_TYPE	0	2	
1	1	CH10_OPT 31	2		
1	1	CH11_OPT 0	2		
1	1	CH12_OPT 0	2		
1	1	CH7_OPT 41	2		
1	1	CH8_OPT 0	2		
1	1	CH9_OPT 17	2		
1	1	CHUTE_ENABLED	0	2	
1	1	CIRCLE_RADIUS	1000.0000000000000000		9
1	1	CIRCLE_RATE	20.0000000000000000		9
1	1	CLI_ENABLED	0	2	
1	1	COMPASS_AUTODEC	1	2	
1	1	COMPASS_CAL_FIT	16.0000000000000000		9
1	1	COMPASS_DEC	0.0000000000000000		9
1	1	COMPASS_DEV_ID	466441	6	
1	1	COMPASS_DEV_ID2	263178	6	
1	1	COMPASS_DEV_ID3	0	6	
1	1	COMPASS_DIA2_X	1.0000000000000000		9
1	1	COMPASS_DIA2_Y	1.0000000000000000		9
1	1	COMPASS_DIA2_Z	1.0000000000000000		9
1	1	COMPASS_DIA3_X	0.0000000000000000		9
1	1	COMPASS_DIA3_Y	0.0000000000000000		9
1	1	COMPASS_DIA3_Z	0.0000000000000000		9
1	1	COMPASS_DIA_X	0.998696148395538330		9
1	1	COMPASS_DIA_Y	0.979730367660522461		9
1	1	COMPASS_DIA_Z	1.005533933639526367		9
1	1	COMPASS_EXTERN2	0	2	
1	1	COMPASS_EXTERN3	0	2	
1	1	COMPASS_EXTERNAL	1	2	
1	1	COMPASS_LEARN	0	2	
1	1	COMPASS_MOT2_X	0.0000000000000000		9
1	1	COMPASS_MOT2_Y	0.0000000000000000		9
1	1	COMPASS_MOT2_Z	0.0000000000000000		9
1	1	COMPASS_MOT3_X	0.0000000000000000		9
1	1	COMPASS_MOT3_Y	0.0000000000000000		9
1	1	COMPASS_MOT3_Z	0.0000000000000000		9
1	1	COMPASS_MOTCT	0	2	

1	1	COMPASS_MOT_X	0.000000000000000000	9
1	1	COMPASS_MOT_Y	0.000000000000000000	9
1	1	COMPASS_MOT_Z	0.000000000000000000	9
1	1	COMPASS_ODI2_X	0.000000000000000000	9
1	1	COMPASS_ODI2_Y	0.000000000000000000	9
1	1	COMPASS_ODI2_Z	0.000000000000000000	9
1	1	COMPASS_ODI3_X	0.000000000000000000	9
1	1	COMPASS_ODI3_Y	0.000000000000000000	9
1	1	COMPASS_ODI3_Z	0.000000000000000000	9
1	1	COMPASS_ODI_X	-0.000712811131961644	9
1	1	COMPASS_ODI_Y	0.000192342762602493	9
1	1	COMPASS_ODI_Z	0.022092571482062340	9
1	1	COMPASS_OFFS_MAX	850 4	
1	1	COMPASS_OFS2_X	-34.390338897705078125	9
1	1	COMPASS_OFS2_Y	64.423896789550781250	9
1	1	COMPASS_OFS2_Z	-326.761535644531250000	9
1	1	COMPASS_OFS3_X	0.000000000000000000	9
1	1	COMPASS_OFS3_Y	0.000000000000000000	9
1	1	COMPASS_OFS3_Z	0.000000000000000000	9
1	1	COMPASS_OFS_X	-86.435096740722656250	9
1	1	COMPASS_OFS_Y	-9.373712539672851563	9
1	1	COMPASS_OFS_Z	25.877277374267578125	9
1	1	COMPASS_ORIENT	0 2	
1	1	COMPASS_ORIENT2	0 2	
1	1	COMPASS_ORIENT3	0 2	
1	1	COMPASS_PRIMARY	0 2	
1	1	COMPASS_TPEMASK	0 6	
1	1	COMPASS_USE	1 2	
1	1	COMPASS_USE2	1 2	
1	1	COMPASS_USE3	1 2	
1	1	DEV_OPTIONS	0 6	
1	1	DISARM_DELAY	10 2	
1	1	EK2_ABIAS_P_NSE	0.004999999888241291	9
1	1	EK2_ACC_P_NSE	0.600000023841857910	9
1	1	EK2_ALT_M_NSE	3.000000000000000000	9
1	1	EK2_ALT_SOURCE	0 2	
1	1	EK2_BCN_DELAY	50 2	
1	1	EK2_BCN_I_GATE	500 4	
1	1	EK2_BCN_M_NSE	1.000000000000000000	9
1	1	EK2_CHECK_SCALE	100 4	
1	1	EK2_EAS_I_GATE	400 4	
1	1	EK2_EAS_M_NSE	1.399999976158142090	9
1	1	EK2_ENABLE	1 2	
1	1	EK2_FLOW_DELAY	10 2	
1	1	EK2_FLOW_I_GATE	300 4	
1	1	EK2_FLOW_M_NSE	0.250000000000000000	9
1	1	EK2_GBIAS_P_NSE	0.000099999997473788	9
1	1	EK2_GLITCH_RAD	25 2	
1	1	EK2_GPS_CHECK	31 2	
1	1	EK2_GPS_DELAY	220 4	
1	1	EK2_GPS_TYPE	0 2	
1	1	EK2_GSCL_P_NSE	0.000500000023748726	9
1	1	EK2_GYRO_P_NSE	0.029999999329447746	9
1	1	EK2_HGT_DELAY	60 4	

1	1	EK2_HGT_I_GATE	500	4	
1	1	EK2_IMU_MASK	1	2	
1	1	EK2_LOG_MASK	1	2	
1	1	EK2_MAGB_P_NSE	0.000099999997473788		9
1	1	EK2_MAGE_P_NSE	0.001000000047497451		9
1	1	EK2_MAG_CAL	3	2	
1	1	EK2_MAG_I_GATE	300	4	
1	1	EK2_MAG_MASK	0	2	
1	1	EK2_MAG_M_NSE	0.050000000745058060		9
1	1	EK2_MAX_FLOW	2.500000000000000000		9
1	1	EK2_NOAID_M_NSE	10.000000000000000000		9
1	1	EK2_POSNE_M_NSE	1.000000000000000000		9
1	1	EK2_POS_I_GATE	500	4	
1	1	EK2_RNG_I_GATE	500	4	
1	1	EK2_RNG_M_NSE	0.500000000000000000		9
1	1	EK2_RNG_USE_HGT	-1	2	
1	1	EK2_RNG_USE_SPD	2.000000000000000000		9
1	1	EK2_TAU_OUTPUT	25	2	
1	1	EK2_TERR_GRAD	0.100000001490116119		9
1	1	EK2_VELD_M_NSE	0.699999988079071045		9
1	1	EK2_VELNE_M_NSE	0.500000000000000000		9
1	1	EK2_VEL_I_GATE	500	4	
1	1	EK2_WIND_PSCALE	0.500000000000000000		9
1	1	EK2_WIND_P_NSE	0.100000001490116119		9
1	1	EK2_YAW_I_GATE	300	4	
1	1	EK2_YAW_M_NSE	0.500000000000000000		9
1	1	EK3_ENABLE	0	2	
1	1	ESC_CALIBRATION	0	2	
1	1	FENCE_ACTION	1	2	
1	1	FENCE_ALT_MAX	100.000000000000000000		9
1	1	FENCE_ENABLE	1	2	
1	1	FENCE_MARGIN	2.000000000000000000		9
1	1	FENCE_RADIUS	300.000000000000000000		9
1	1	FENCE_TOTAL	0	2	
1	1	FENCE_TYPE	1	2	
1	1	FLOW_ADDR	0	2	
1	1	FLOW_ENABLE	0	2	
1	1	FLOW_FXSCALER	0	4	
1	1	FLOW_FYSCALER	0	4	
1	1	FLOW_ORIENT_YAW	0	4	
1	1	FLOW_POS_X	0.000000000000000000		9
1	1	FLOW_POS_Y	0.000000000000000000		9
1	1	FLOW_POS_Z	0.000000000000000000		9
1	1	FLTMODE1 0	2		
1	1	FLTMODE2 0	2		
1	1	FLTMODE3 0	2		
1	1	FLTMODE4 5	2		
1	1	FLTMODE5 0	2		
1	1	FLTMODE6 2	2		
1	1	FRAME_CLASS	6	2	
1	1	FRAME_TYPE	1	2	
1	1	FS_BATT_ENABLE	0	2	
1	1	FS_BATT_MAH	0.000000000000000000		9
1	1	FS_BATT_VOLTAGE	10.500000000000000000		9

1	1	FS_CRASH_CHECK	1	2	
1	1	FS_EKF_ACTION	1	2	
1	1	FS_EKF_THRESH	0.80000000	11920928955	9
1	1	FS_GCS_ENABLE	1	2	
1	1	FS_THR_ENABLE	1	2	
1	1	FS_THR_VALUE	975	4	
1	1	GCS_PID_MASK	0	4	
1	1	GND_ABS_PRESS	100917.015625000000000000	9	
1	1	GND_ABS_PRESS2	0.000000000000000000	9	
1	1	GND_ABS_PRESS3	0.000000000000000000	9	
1	1	GND_ALT_OFFSET	0.000000000000000000	9	
1	1	GND_EFFECT_COMP	0	2	
1	1	GND_EXT_BUS	-1	2	
1	1	GND_PRIMARY	0	2	
1	1	GND_TEMP	0.000000000000000000	9	
1	1	GPS_AUTO_CONFIG	1	2	
1	1	GPS_AUTO_SWITCH	1	2	
1	1	GPS_BLEND_MASK	5	2	
1	1	GPS_BLEND_TC	10.000000000000000000	9	
1	1	GPS_DELAY_MS	0	4	
1	1	GPS_DELAY_MS2	0	4	
1	1	GPS_GNSS_MODE	0	2	
1	1	GPS_GNSS_MODE2	0	2	
1	1	GPS_HDOP_GOOD	140	4	
1	1	GPS_INJECT_TO	127	2	
1	1	GPS_MIN_DGPS	100	2	
1	1	GPS_MIN_ELEV	-100	2	
1	1	GPS_NAVFILTER	8	2	
1	1	GPS_POS1_X	0.000000000000000000	9	
1	1	GPS_POS1_Y	0.000000000000000000	9	
1	1	GPS_POS1_Z	0.000000000000000000	9	
1	1	GPS_POS2_X	0.000000000000000000	9	
1	1	GPS_POS2_Y	0.000000000000000000	9	
1	1	GPS_POS2_Z	0.000000000000000000	9	
1	1	GPS_RATE_MS	200	4	
1	1	GPS_RATE_MS2	200	4	
1	1	GPS_RAW_DATA	0	2	
1	1	GPS_SAVE_CFG	2	2	
1	1	GPS_SBAS_MODE	2	2	
1	1	GPS_SBP_LOGMASK	-256	4	
1	1	GPS_TYPE 1	2		
1	1	GPS_TYPE2	0	2	
1	1	GRIP_ENABLE	0	2	
1	1	H_COLYAW	0.000000000000000000	9	
1	1	H_COL_MAX	1580	4	
1	1	H_COL_MID	1310	4	
1	1	H_COL_MIN	1250	4	
1	1	H_CYC_MAX	2500	4	
1	1	H_FLYBAR_MODE	0	2	
1	1	H_GYR_GAIN	350	4	
1	1	H_GYR_GAIN_ACRO	0	4	
1	1	H_LAND_COL_MIN	300	4	
1	1	H_PHANG 0	4		
1	1	H_RSC_CRITICAL	600	4	

1	1	H_RSC_IDLE	0	4	
1	1	H_RSC_MODE	1	2	
1	1	H_RSC_POWER_HIGH	800	4	
1	1	H_RSC_POWER_LOW	100	4	
1	1	H_RSC_POWER_NEGC	650	4	
1	1	H_RSC_RAMP_TIME	5	2	
1	1	H_RSC_RUNUP_TIME	10	2	
1	1	H_RSC_SETPPOINT	850	4	
1	1	H_RSC_SLEWRATE	500	4	
1	1	H_SV1_POS	-60	4	
1	1	H_SV2_POS	60	4	
1	1	H_SV3_POS	180	4	
1	1	H_SV_MAN 0	2		
1	1	H_SV_TEST	0	2	
1	1	H_SWASH_TYPE	0	2	
1	1	H_TAIL_SPEED	500	4	
1	1	H_TAIL_TYPE	0	4	
1	1	IM_ACRO_COL_EXP	0.00000000000000000000		9
1	1	IM_STAB_COL_1	0	4	
1	1	IM_STAB_COL_2	400	4	
1	1	IM_STAB_COL_3	600	4	
1	1	IM_STAB_COL_4	1000	4	
1	1	INS_ACC2OFFS_X	0.00000000000000000000		9
1	1	INS_ACC2OFFS_Y	0.00000000000000000000		9
1	1	INS_ACC2OFFS_Z	0.00000000000000000000		9
1	1	INS_ACC2SCAL_X	0.00000000000000000000		9
1	1	INS_ACC2SCAL_Y	0.00000000000000000000		9
1	1	INS_ACC2SCAL_Z	0.00000000000000000000		9
1	1	INS_ACC2_ID	0	6	
1	1	INS_ACC3OFFS_X	0.00000000000000000000		9
1	1	INS_ACC3OFFS_Y	0.00000000000000000000		9
1	1	INS_ACC3OFFS_Z	0.00000000000000000000		9
1	1	INS_ACC3SCAL_X	0.00000000000000000000		9
1	1	INS_ACC3SCAL_Y	0.00000000000000000000		9
1	1	INS_ACC3SCAL_Z	0.00000000000000000000		9
1	1	INS_ACC3_ID	0	6	
1	1	INS_ACCEL_FILTER	20	2	
1	1	INS_ACCOFFS_X	0.098700322210788727		9
1	1	INS_ACCOFFS_Y	-0.336194068193435669		9
1	1	INS_ACCOFFS_Z	-2.167614698410034180		9
1	1	INS_ACCSCAL_X	0.997887909412384033		9
1	1	INS_ACCSCAL_Y	1.002271175384521484		9
1	1	INS_ACCSCAL_Z	0.988480448722839355		9
1	1	INS_ACC_BODYFIX	2	2	
1	1	INS_ACC_ID	1246218	6	
1	1	INS_FAST_SAMPLE	3	2	
1	1	INS_GYR2OFFS_X	0.00000000000000000000		9
1	1	INS_GYR2OFFS_Y	0.00000000000000000000		9
1	1	INS_GYR2OFFS_Z	0.00000000000000000000		9
1	1	INS_GYR2_ID	0	6	
1	1	INS_GYR3OFFS_X	0.00000000000000000000		9
1	1	INS_GYR3OFFS_Y	0.00000000000000000000		9
1	1	INS_GYR3OFFS_Z	0.00000000000000000000		9
1	1	INS_GYR3_ID	0	6	

1	1	INS_GYROFFS_X	-0.015172759070992470	9
1	1	INS_GYROFFS_Y	0.031158924102783203	9
1	1	INS_GYROFFS_Z	0.014152307063341141	9
1	1	INS_GYRO_FILTER	20 2	
1	1	INS_GYR_CAL	1 2	
1	1	INS_GYR_ID	2163722 6	
1	1	INS_POS1_X	0.000000000000000000	9
1	1	INS_POS1_Y	0.000000000000000000	9
1	1	INS_POS1_Z	0.000000000000000000	9
1	1	INS_POS2_X	0.000000000000000000	9
1	1	INS_POS2_Y	0.000000000000000000	9
1	1	INS_POS2_Z	0.000000000000000000	9
1	1	INS_POS3_X	0.000000000000000000	9
1	1	INS_POS3_Y	0.000000000000000000	9
1	1	INS_POS3_Z	0.000000000000000000	9
1	1	INS_PRODUCT_ID	0 4	
1	1	INS_STILL_THRESH	2.500000000000000000	9
1	1	INS_TRIM_OPTION	1 2	
1	1	INS_USE 1	2	
1	1	INS_USE2 1	2	
1	1	INS_USE3 0	2	
1	1	LAND_REPOSITION	1 2	
1	1	LAND_SPEED	50 4	
1	1	LAND_SPEED_HIGH	0 4	
1	1	LGR_SERVO_DEPLOY	1750 4	
1	1	LGR_SERVO_RTRACT	1250 4	
1	1	LGR_STARTUP	0 2	
1	1	LOG_BACKEND_TYPE	1 2	
1	1	LOG_BITMASK	176126 6	
1	1	LOG_DISARMED	0 2	
1	1	LOG_FILE_BUFSIZE	16 2	
1	1	LOG_FILE_DSRMROT	0 2	
1	1	LOG_REPLAY	0 2	
1	1	MAG_ENABLE	1 2	
1	1	MIS_RESTART	0 2	
1	1	MIS_TOTAL	0 4	
1	1	MNT_ANGMAX_PAN	4500 4	
1	1	MNT_ANGMAX_ROL	4500 4	
1	1	MNT_ANGMAX_TIL	4500 4	
1	1	MNT_ANGMIN_PAN	-4500 4	
1	1	MNT_ANGMIN_ROL	-4500 4	
1	1	MNT_ANGMIN_TIL	-4500 4	
1	1	MNT_DEFLT_MODE	3 2	
1	1	MNT_JSTICK_SPD	0 2	
1	1	MNT_LEAD_PTCH	0.000000000000000000	9
1	1	MNT_LEAD_RLL	0.000000000000000000	9
1	1	MNT_NEUTRAL_X	0.000000000000000000	9
1	1	MNT_NEUTRAL_Y	0.000000000000000000	9
1	1	MNT_NEUTRAL_Z	0.000000000000000000	9
1	1	MNT_RC_IN_PAN	0 2	
1	1	MNT_RC_IN_ROLL	0 2	
1	1	MNT_RC_IN_TILT	0 2	
1	1	MNT_RETRACT_X	0.000000000000000000	9
1	1	MNT_RETRACT_Y	0.000000000000000000	9



1	1	MNT_RETRACT_Z	0.000000000000000000	9
1	1	MNT_STAB_PAN	0 2	
1	1	MNT_STAB_ROLL	0 2	
1	1	MNT_STAB_TILT	0 2	
1	1	MNT_TYPE 0	2	
1	1	NTF_BUZZ_ENABLE	1 2	
1	1	NTF_DISPLAY_TYPE	0 2	
1	1	NTF_LED_BRIGHT	3 2	
1	1	NTF_LED_OVERRIDE	0 2	
1	1	NTF_OREO_THEME	0 2	
1	1	PHLD_BRAKE_ANGLE	3000 4	
1	1	PHLD_BRAKE_RATE	8 4	
1	1	PILOT_ACCEL_Z	250 4	
1	1	PILOT_THR_BHV	4 4	
1	1	PILOT_THR_FILT	0.000000000000000000	9
1	1	PILOT_TKOFF_ALT	0.000000000000000000	9
1	1	PILOT_TKOFF_DZ	100 4	
1	1	PILOT_VELZ_MAX	250 4	
1	1	PLND_ENABLED	0 2	
1	1	POS_XY_P	1.000000000000000000	9
1	1	POS_Z_P	1.000000000000000000	9
1	1	PRX_IGN_ANG1	0 4	
1	1	PRX_IGN_ANG2	0 4	
1	1	PRX_IGN_ANG3	0 4	
1	1	PRX_IGN_ANG4	0 4	
1	1	PRX_IGN_ANG5	0 4	
1	1	PRX_IGN_ANG6	0 4	
1	1	PRX_IGN_WID1	0 2	
1	1	PRX_IGN_WID2	0 2	
1	1	PRX_IGN_WID3	0 2	
1	1	PRX_IGN_WID4	0 2	
1	1	PRX_IGN_WID5	0 2	
1	1	PRX_IGN_WID6	0 2	
1	1	PRX_ORIENT	0 2	
1	1	PRX_TYPE 0	2	
1	1	PRX_YAW_CORR	22 4	
1	1	PSC_ACC_XY_FILT	2.000000000000000000	9
1	1	RALLY_INCL_HOME	1 2	
1	1	RALLY_LIMIT_KM	0.300000011920928955	9
1	1	RALLY_TOTAL	0 2	
1	1	RC10_DZ 0	4	
1	1	RC10_MAX 2000	4	
1	1	RC10_MIN 1000	4	
1	1	RC10_REVERSED	0 2	
1	1	RC10_TRIM	1500 4	
1	1	RC11_DZ 0	4	
1	1	RC11_MAX 2000	4	
1	1	RC11_MIN 1000	4	
1	1	RC11_REVERSED	0 2	
1	1	RC11_TRIM	1500 4	
1	1	RC12_DZ 0	4	
1	1	RC12_MAX 2000	4	
1	1	RC12_MIN 1000	4	
1	1	RC12_REVERSED	0 2	

1	1	RC12_TRIM	1500	4
1	1	RC13_DZ 0	4	
1	1	RC13_MAX 2000	4	
1	1	RC13_MIN 1000	4	
1	1	RC13_REVERSED	0	2
1	1	RC13_TRIM	1500	4
1	1	RC14_DZ 0	4	
1	1	RC14_MAX 2000	4	
1	1	RC14_MIN 1000	4	
1	1	RC14_REVERSED	0	2
1	1	RC14_TRIM	1500	4
1	1	RC15_DZ 0	4	
1	1	RC15_MAX 1900	4	
1	1	RC15_MIN 1100	4	
1	1	RC15_REVERSED	0	2
1	1	RC15_TRIM	1500	4
1	1	RC16_DZ 0	4	
1	1	RC16_MAX 1900	4	
1	1	RC16_MIN 1100	4	
1	1	RC16_REVERSED	0	2
1	1	RC16_TRIM	1500	4
1	1	RC1_DZ 20	4	
1	1	RC1_MAX 1924	4	
1	1	RC1_MIN 1104	4	
1	1	RC1_REVERSED	0	2
1	1	RC1_TRIM 1512	4	
1	1	RC2_DZ 20	4	
1	1	RC2_MAX 1924	4	
1	1	RC2_MIN 1104	4	
1	1	RC2_REVERSED	0	2
1	1	RC2_TRIM 1512	4	
1	1	RC3_DZ 10	4	
1	1	RC3_MAX 1924	4	
1	1	RC3_MIN 1104	4	
1	1	RC3_REVERSED	0	2
1	1	RC3_TRIM 1104	4	
1	1	RC4_DZ 15	4	
1	1	RC4_MAX 1924	4	
1	1	RC4_MIN 1104	4	
1	1	RC4_REVERSED	0	2
1	1	RC4_TRIM 1518	4	
1	1	RC5_DZ 0	4	
1	1	RC5_MAX 2064	4	
1	1	RC5_MIN 964	4	
1	1	RC5_REVERSED	0	2
1	1	RC5_TRIM 1514	4	
1	1	RC6_DZ 0	4	
1	1	RC6_MAX 2000	4	
1	1	RC6_MIN 1000	4	
1	1	RC6_REVERSED	0	2
1	1	RC6_TRIM 1500	4	
1	1	RC7_DZ 0	4	
1	1	RC7_MAX 2064	4	
1	1	RC7_MIN 964	4	

1	1	RC7_REVERSED	0	2	
1	1	RC7_TRIM 1514	4		
1	1	RC8_DZ 0	4		
1	1	RC8_MAX 1950	4		
1	1	RC8_MIN 950	4		
1	1	RC8_REVERSED	0	2	
1	1	RC8_TRIM 1500	4		
1	1	RC9_DZ 0	4		
1	1	RC9_MAX 2000	4		
1	1	RC9_MIN 1000	4		
1	1	RC9_REVERSED	0	2	
1	1	RC9_TRIM 1500	4		
1	1	RCMAP_PITCH	2	2	
1	1	RCMAP_ROLL	1	2	
1	1	RCMAP_THROTTLE	3	2	
1	1	RCMAP_YAW	4	2	
1	1	RC_FEEL_RP	50	2	
1	1	RC_SPEED 125	4		
1	1	RELAY_DEFAULT	0	2	
1	1	RELAY_PIN	54	2	
1	1	RELAY_PIN2	55	2	
1	1	RELAY_PIN3	-1	2	
1	1	RELAY_PIN4	-1	2	
1	1	RNGFND2_ADDR	0	2	
1	1	RNGFND2_FUNCTION	0	2	
1	1	RNGFND2_GNDCLEAR	10	2	
1	1	RNGFND2_MAX_CM	700	4	
1	1	RNGFND2_MIN_CM	20	4	
1	1	RNGFND2_OFFSET	0.000000000000000000		9
1	1	RNGFND2_ORIENT	25	2	
1	1	RNGFND2_PIN	-1	2	
1	1	RNGFND2_POS_X	0.000000000000000000		9
1	1	RNGFND2_POS_Y	0.000000000000000000		9
1	1	RNGFND2_POS_Z	0.000000000000000000		9
1	1	RNGFND2_RMETRIC	1	2	
1	1	RNGFND2_SCALING	3.000000000000000000		9
1	1	RNGFND2_SETTLE	0	4	
1	1	RNGFND2_STOP_PIN	-1	2	
1	1	RNGFND2_TYPE	0	2	
1	1	RNGFND_ADDR	0	2	
1	1	RNGFND_FUNCTION	0	2	
1	1	RNGFND_GAIN	0.800000011920928955		9
1	1	RNGFND_GNDCLEAR	10	2	
1	1	RNGFND_MAX_CM	700	4	
1	1	RNGFND_MIN_CM	20	4	
1	1	RNGFND_OFFSET	0.000000000000000000		9
1	1	RNGFND_ORIENT	25	2	
1	1	RNGFND_PIN	-1	2	
1	1	RNGFND_POS_X	0.000000000000000000		9
1	1	RNGFND_POS_Y	0.000000000000000000		9
1	1	RNGFND_POS_Z	0.000000000000000000		9
1	1	RNGFND_PWRRNG	0	4	
1	1	RNGFND_RMETRIC	1	2	
1	1	RNGFND_SCALING	3.000000000000000000		9

1	1	RNGFND_SETTLE	0	4	
1	1	RNGFND_STOP_PIN	-1	2	
1	1	RNGFND_TYPE	0	2	
1	1	RPM2_PIN	-1	2	
1	1	RPM2_SCALING	1.00000000000000000000		9
1	1	RPM2_TYPE	0	2	
1	1	RPM_MAX	100000.00000000000000000000	9	
1	1	RPM_MIN	10.00000000000000000000	9	
1	1	RPM_MIN_QUAL	0.50000000000000000000		9
1	1	RPM_PIN	54	2	
1	1	RPM_SCALING	1.00000000000000000000		9
1	1	RPM_TYPE	0	2	
1	1	RSSI_ANA_PIN	0	2	
1	1	RSSI_CHANNEL	0	2	
1	1	RSSI_CHAN_HIGH	2000	4	
1	1	RSSI_CHAN_LOW	1000	4	
1	1	RSSI_PIN_HIGH	5.00000000000000000000		9
1	1	RSSI_PIN_LOW	0.00000000000000000000		9
1	1	RSSI_TYPE	0	2	
1	1	RTL_ALT	1000	4	
1	1	RTL_ALT_FINAL	0	4	
1	1	RTL_CLIMB_MIN	0	4	
1	1	RTL_CONE_SLOPE	3.00000000000000000000		9
1	1	RTL_LOIT_TIME	5000	6	
1	1	RTL_SPEED	0	4	
1	1	SCHED_DEBUG	0	2	
1	1	SCHED_LOOP_RATE	400	4	
1	1	SERIAL0_BAUD	115	6	
1	1	SERIAL0_PROTOCOL	1	2	
1	1	SERIAL1_BAUD	57	6	
1	1	SERIAL1_PROTOCOL	1	2	
1	1	SERIAL2_BAUD	57	6	
1	1	SERIAL2_PROTOCOL	1	2	
1	1	SERIAL3_BAUD	38	6	
1	1	SERIAL3_PROTOCOL	5	2	
1	1	SERIAL4_BAUD	38	6	
1	1	SERIAL4_PROTOCOL	5	2	
1	1	SERIAL5_BAUD	57	6	
1	1	SERIAL5_PROTOCOL	-1	2	
1	1	SERV010_FUNCTION	0	2	
1	1	SERV010_MAX	1900	4	
1	1	SERV010_MIN	1100	4	
1	1	SERV010_REVERSED	0	2	
1	1	SERV010_TRIM	1500	4	
1	1	SERV011_FUNCTION	0	2	
1	1	SERV011_MAX	1900	4	
1	1	SERV011_MIN	1100	4	
1	1	SERV011_REVERSED	0	2	
1	1	SERV011_TRIM	1500	4	
1	1	SERV012_FUNCTION	0	2	
1	1	SERV012_MAX	1900	4	
1	1	SERV012_MIN	1100	4	
1	1	SERV012_REVERSED	0	2	
1	1	SERV012_TRIM	1500	4	

1	1	SERV013_FUNCTION	0	2
1	1	SERV013_MAX	1900	4
1	1	SERV013_MIN	1100	4
1	1	SERV013_REVERSED	0	2
1	1	SERV013_TRIM	1500	4
1	1	SERV014_FUNCTION	0	2
1	1	SERV014_MAX	1900	4
1	1	SERV014_MIN	1100	4
1	1	SERV014_REVERSED	0	2
1	1	SERV014_TRIM	1500	4
1	1	SERV015_FUNCTION	0	2
1	1	SERV015_MAX	1900	4
1	1	SERV015_MIN	1100	4
1	1	SERV015_REVERSED	0	2
1	1	SERV015_TRIM	1500	4
1	1	SERV016_FUNCTION	0	2
1	1	SERV016_MAX	1900	4
1	1	SERV016_MIN	1100	4
1	1	SERV016_REVERSED	0	2
1	1	SERV016_TRIM	1500	4
1	1	SERV01_FUNCTION	33	2
1	1	SERV01_MAX	2000	4
1	1	SERV01_MIN	1000	4
1	1	SERV01_REVERSED	1	2
1	1	SERV01_TRIM	1500	4
1	1	SERV02_FUNCTION	34	2
1	1	SERV02_MAX	2000	4
1	1	SERV02_MIN	1000	4
1	1	SERV02_REVERSED	0	2
1	1	SERV02_TRIM	1500	4
1	1	SERV03_FUNCTION	35	2
1	1	SERV03_MAX	2000	4
1	1	SERV03_MIN	1000	4
1	1	SERV03_REVERSED	1	2
1	1	SERV03_TRIM	1500	4
1	1	SERV04_FUNCTION	36	2
1	1	SERV04_MAX	1900	4
1	1	SERV04_MIN	1100	4
1	1	SERV04_REVERSED	0	2
1	1	SERV04_TRIM	1500	4
1	1	SERV05_FUNCTION	0	2
1	1	SERV05_MAX	1900	4
1	1	SERV05_MIN	1100	4
1	1	SERV05_REVERSED	0	2
1	1	SERV05_TRIM	1500	4
1	1	SERV06_FUNCTION	0	2
1	1	SERV06_MAX	1900	4
1	1	SERV06_MIN	1100	4
1	1	SERV06_REVERSED	0	2
1	1	SERV06_TRIM	1500	4
1	1	SERV07_FUNCTION	39	2
1	1	SERV07_MAX	1900	4
1	1	SERV07_MIN	1100	4
1	1	SERV07_REVERSED	0	2

1	1	SERV07_TRIM	1500	4
1	1	SERV08_FUNCTION	31	2
1	1	SERV08_MAX	2000	4
1	1	SERV08_MIN	800	4
1	1	SERV08_REVERSED	0	2
1	1	SERV08_TRIM	1500	4
1	1	SERV09_FUNCTION	0	2
1	1	SERV09_MAX	1900	4
1	1	SERV09_MIN	1100	4
1	1	SERV09_REVERSED	0	2
1	1	SERV09_TRIM	1500	4
1	1	SERVO_CANESC_BM	0	6
1	1	SERVO_CANSRV_BM	0	6
1	1	SIMPLE 0	2	
1	1	SPRAY_ENABLE	0	2
1	1	SR0_ADSB 5	4	
1	1	SR0_EXTRA1	10	4
1	1	SR0_EXTRA2	10	4
1	1	SR0_EXTRA3	3	4
1	1	SR0_EXT_STAT	2	4
1	1	SR0_PARAMS	10	4
1	1	SR0_POSITION	3	4
1	1	SR0_RAW_CTRL	0	4
1	1	SR0_RAW_SENS	2	4
1	1	SR0_RC_CHAN	2	4
1	1	SR1_ADSB 5	4	
1	1	SR1_EXTRA1	0	4
1	1	SR1_EXTRA2	0	4
1	1	SR1_EXTRA3	0	4
1	1	SR1_EXT_STAT	0	4
1	1	SR1_PARAMS	0	4
1	1	SR1_POSITION	0	4
1	1	SR1_RAW_CTRL	0	4
1	1	SR1_RAW_SENS	0	4
1	1	SR1_RC_CHAN	0	4
1	1	SR2_ADSB 5	4	
1	1	SR2_EXTRA1	0	4
1	1	SR2_EXTRA2	0	4
1	1	SR2_EXTRA3	0	4
1	1	SR2_EXT_STAT	0	4
1	1	SR2_PARAMS	0	4
1	1	SR2_POSITION	0	4
1	1	SR2_RAW_CTRL	0	4
1	1	SR2_RAW_SENS	0	4
1	1	SR2_RC_CHAN	0	4
1	1	SR3_ADSB 5	4	
1	1	SR3_EXTRA1	0	4
1	1	SR3_EXTRA2	0	4
1	1	SR3_EXTRA3	0	4
1	1	SR3_EXT_STAT	0	4
1	1	SR3_PARAMS	0	4
1	1	SR3_POSITION	0	4
1	1	SR3_RAW_CTRL	0	4
1	1	SR3_RAW_SENS	0	4

1	1	SR3_RC_CHAN	0	4	
1	1	STAT_BOOTCNT	118	4	
1	1	STAT_FLTTIME	0	6	
1	1	STAT_RESET	-504921600		6
1	1	STAT_RUNTIME	18631	6	
1	1	SUPER_SIMPLE	0	2	
1	1	SYSID_ENFORCE	0	2	
1	1	SYSID_MYGCS	255	4	
1	1	SYSID_SW_MREV	120	4	
1	1	SYSID_SW_TYPE	10	2	
1	1	SYSID_THISMAV	1	4	
1	1	TELEM_DELAY	0	2	
1	1	TERRAIN_ENABLE	1	2	
1	1	TERRAIN_FOLLOW	0	2	
1	1	TERRAIN_SPACING	100	4	
1	1	THROW_MOT_START	0	2	
1	1	THROW_NEXTMODE	18	2	
1	1	THROW_TYPE	0	2	
1	1	THR_DZ 100	4		
1	1	TUNE 0	2		
1	1	TUNE_HIGH	1000	4	
1	1	TUNE_LOW 0	4		
1	1	VEL_XY_FILT_HZ	5.000000000000000000		9
1	1	VEL_XY_I 0.500000000000000000			9
1	1	VEL_XY_IMAX	1000.000000000000000000		9
1	1	VEL_XY_P 1.000000000000000000			9
1	1	VEL_Z_P 5.000000000000000000			9
1	1	VISO_ORIENT	0	2	
1	1	VISO_POS_X	0.000000000000000000		9
1	1	VISO_POS_Y	0.000000000000000000		9
1	1	VISO_POS_Z	0.000000000000000000		9
1	1	VISO_TYPE	0	2	
1	1	WPNAV_ACCEL	100.000000000000000000		9
1	1	WPNAV_ACCEL_Z	100.000000000000000000		9
1	1	WPNAV_LOIT_JERK	1000.000000000000000000		9
1	1	WPNAV_LOIT_MAXA	250.000000000000000000		9
1	1	WPNAV_LOIT_MINA	25.000000000000000000		9
1	1	WPNAV_LOIT_SPEED	500.000000000000000000		9
1	1	WPNAV_RADIUS	200.000000000000000000		9
1	1	WPNAV_RFND_USE	1	2	
1	1	WPNAV_SPEED	500.000000000000000000		9
1	1	WPNAV_SPEED_DN	150.000000000000000000		9
1	1	WPNAV_SPEED_UP	250.000000000000000000		9
1	1	WP_NAVALT_MIN	0.000000000000000000		9
1	1	WP_YAW_BEHAVIOR	3	2	