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# Onboard parameters for Vehicle 1
#
# Stack: PX4 Pro
# Vehicle: Multi-Rotor
# Version: 1.10.0 dev
# Git Revision: 8b744b1b12000000
#
# Vehicle-Id Component-Id Name Value Type
1 1 BAT_ADC_CHANNEL -1 6
1 1 BAT_A_PER_V 36.367515563964843750 9
1 1 BAT_CAPACITY -1.000000000000000000 9
1 1 BAT_CNT_V_CURR 0.000805664050858468 9
1 1 BAT_CNT_V_VOLT 0.000805664050858468 9
1 1 BAT_CRIT_THR 0.070000000298023224 9
1 1 BAT_EMERGEN_THR 0.050000000745058060 9
1 1 BAT_LOW_THR 0.150000005960464478 9
1 1 BAT_N_CELLS 3 6
1 1 BAT_R_INTERNAL -1.000000000000000000 9
1 1 BAT_SOURCE 0 6
1 1 BAT_V_CHARGED 4.050000190734863281 9
1 1 BAT_V_DIV 18.472682952880859375 9
1 1 BAT_V_EMPTY 3.299999952316284180 9
1 1 BAT_V_LOAD_DROP 0.300000011920928955 9
1 1 BAT_V_OFFS_CURR 0.000000000000000000 9
1 1 CAL_ACC0_EN 1 6
1 1 CAL_ACC0_ID 3866634 6
1 1 CAL_ACC0_XOFF -1.223973751068115234 9
1 1 CAL_ACC0_XSCALE 1.060283660888671875 9
1 1 CAL_ACC0_YOFF 0.250433921813964844 9
1 1 CAL_ACC0_YSCALE 1.001559734344482422 9
1 1 CAL_ACC0_ZOFF 0.113352298736572266 9
1 1 CAL_ACC0_ZSCALE 0.987645983695983887 9
1 1 CAL_ACC1_EN 1 6
1 1 CAL_ACC1_ID 4260618 6
1 1 CAL_ACC1_XOFF 0.121328830718994141 9
1 1 CAL_ACC1_XSCALE 0.986620187759399414 9
1 1 CAL_ACC1_YOFF 0.218599319458007813 9
1 1 CAL_ACC1_YSCALE 0.989005625247955322 9
1 1 CAL_ACC1_ZOFF 0.018676280975341797 9
1 1 CAL_ACC1_ZSCALE 0.995829045772552490 9
1 1 CAL_ACC_PRIME 3866634 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_BARO_PRIME 0 6
1 1 CAL_GYRO0_EN 1 6
1 1 CAL_GYRO0_ID 3932170 6
1 1 CAL_GYRO0_XOFF 0.009567750617861748 9
1 1 CAL_GYRO0_XSCALE 1.000000000000000000 9
1 1 CAL_GYRO0_YOFF -0.011551472358405590 9
1 1 CAL_GYRO0_YSCALE 1.000000000000000000 9
1 1 CAL_GYRO0_ZOFF 0.010230459272861481 9
1 1 CAL_GYRO0_ZSCALE 1.000000000000000000 9
1 1 CAL_GYRO1_EN 1 6
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1 1 CAL\_GYRO1\_ID 4325898 6  
1 1 CAL\_GYRO1\_XOFF 0.003303301287814975 9  
1 1 CAL\_GYRO1\_XSCALE 1.000000000000000000 9  
1 1 CAL\_GYRO1\_YOFF 0.001191905117593706 9  
1 1 CAL\_GYRO1\_YSCALE 1.000000000000000000 9  
1 1 CAL\_GYRO1\_ZOFF -0.001342323259450495 9  
1 1 CAL\_GYRO1\_ZSCALE 1.000000000000000000 9  
1 1 CAL\_GYRO\_PRIME 3932170 6  
1 1 CAL\_MAG0\_EN 1 6  
1 1 CAL\_MAG0\_ID 396809 6  
1 1 CAL\_MAG0\_ROT 0 6  
1 1 CAL\_MAG0\_XOFF 0.001438504317775369 9  
1 1 CAL\_MAG0\_XSCALE 0.975957751274108887 9  
1 1 CAL\_MAG0\_YOFF -0.051275007426738739 9  
1 1 CAL\_MAG0\_YSCALE 1.019088149070739746 9  
1 1 CAL\_MAG0\_ZOFF -0.087076731026172638 9  
1 1 CAL\_MAG0\_ZSCALE 1.017835021018981934 9  
1 1 CAL\_MAG1\_EN 1 6  
1 1 CAL\_MAG1\_ID 396825 6  
1 1 CAL\_MAG1\_ROT -1 6  
1 1 CAL\_MAG1\_XOFF -0.026561500504612923 9  
1 1 CAL\_MAG1\_XSCALE 0.969610214233398438 9  
1 1 CAL\_MAG1\_YOFF -0.001320854760706425 9  
1 1 CAL\_MAG1\_YSCALE 1.077541708946228027 9  
1 1 CAL\_MAG1\_ZOFF 0.025212999433279037 9  
1 1 CAL\_MAG1\_ZSCALE 0.981720745563507080 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\_PRIME 396809 6  
1 1 CAL\_MAG\_SIDES 63 6  
1 1 CAM\_CAP\_FBACK 0 6  
1 1 CBRK\_AIRSPD\_CHK 0 6  
1 1 CBRK\_BUZZER 0 6  
1 1 CBRK\_ENGINEFAIL 284953 6  
1 1 CBRK\_FLIGHTTERM 121212 6  
1 1 CBRK\_GPSFAIL 0 6  
1 1 CBRK\_IO\_SAFETY 0 6  
1 1 CBRK\_RATE\_CTRL 0 6  
1 1 CBRK\_SUPPLY\_CHK 0 6  
1 1 CBRK\_USB\_CHK 0 6  
1 1 CBRK\_VELPOSERR 0 6  
1 1 COM\_ARM\_AUTH 256010 6  
1 1 COM\_ARM\_CHK\_ESCS 1 6  
1 1 COM\_ARM\_IMU\_ACC 0.699999988079071045 9  
1 1 COM\_ARM\_IMU\_GYR 0.250000000000000000 9  
1 1 COM\_ARM\_MAG\_ANG 30 6  
1 1 COM\_ARM\_MIS\_REQ 0 6  
1 1 COM\_ARM\_SWISBTN 0 6  
1 1 COM\_ARM\_WO\_GPS 1 6  
1 1 COM\_ASPD\_FS\_ACT 0 6  
1 1 COM\_ASPD\_FS\_DLY 0 6  
1 1 COM\_ASPD\_STALL 10.0000000000000000 9

1 1 COM\_DISARM\_LAND 2.0000000000000000 9  
1 1 COM\_DISARM\_PRFLT 10.0000000000000000 9  
1 1 COM\_DL\_LOSS\_T 10 6  
1 1 COM\_EF\_C2T 5.0000000000000000 9  
1 1 COM\_EF\_THROT 0.5000000000000000 9  
1 1 COM\_EF\_TIME 10.0000000000000000 9  
1 1 COM\_FLIGHT\_UUID 335 6  
1 1 COM\_FLTMODE1 8 6  
1 1 COM\_FLTMODE2 8 6  
1 1 COM\_FLTMODE3 1 6  
1 1 COM\_FLTMODE4 1 6  
1 1 COM\_FLTMODE5 7 6  
1 1 COM\_FLTMODE6 7 6  
1 1 COM\_FLT\_PROFILE 0 6  
1 1 COM\_HLDL\_LOSS\_T 120 6  
1 1 COM\_HLDL\_REG\_T 0 6  
1 1 COM\_HOME\_H\_T 5.0000000000000000 9  
1 1 COM\_HOME\_V\_T 10.0000000000000000 9  
1 1 COM\_LOW\_BAT\_ACT 0 6  
1 1 COM\_OA\_BOOT\_T 100 6  
1 1 COM\_OBL\_ACT 0 6  
1 1 COM\_OBL\_RC\_ACT 0 6  
1 1 COM\_OBS\_AVOID 0 6  
1 1 COM\_OF\_LOSS\_T 0.0000000000000000 9  
1 1 COM\_POSCTL\_NAVL 0 6  
1 1 COM\_POS\_FS\_DELAY 1 6  
1 1 COM\_POS\_FS\_EPH 5.0000000000000000 9  
1 1 COM\_POS\_FS\_EPV 10.0000000000000000 9  
1 1 COM\_POS\_FS\_GAIN 10 6  
1 1 COM\_POS\_FS\_PROB 30 6  
1 1 COM\_PREARM\_MODE 1 6  
1 1 COM\_RC\_ARM\_HYST 1000 6  
1 1 COM\_RC\_IN\_MODE 0 6  
1 1 COM\_RC\_LOSS\_T 0.5000000000000000 9  
1 1 COM\_RC\_OVERRIDE 1 6  
1 1 COM\_RC\_STICK\_OV 12.0000000000000000 9  
1 1 COM\_TAKEOFF\_ACT 0 6  
1 1 COM\_TAS\_FS\_INNOV 1.0000000000000000 9  
1 1 COM\_TAS\_FS\_INTEG -1.0000000000000000 9  
1 1 COM\_TAS\_FS\_T1 3 6  
1 1 COM\_TAS\_FS\_T2 100 6  
1 1 COM\_VEL\_FS\_EVH 1.0000000000000000 9  
1 1 CP\_DELAY 0.400000005960464478 9  
1 1 CP\_DIST -1.0000000000000000 9  
1 1 CP\_GO\_NO\_DATA 0.0000000000000000 9  
1 1 CP\_GUIDE\_ANG 30.0000000000000000 9  
1 1 DSHOT\_CONFIG 0 6  
1 1 DSHOT\_TEL\_CFG 0 6  
1 1 EKF2\_ABIAS\_INIT 0.200000002980232239 9  
1 1 EKF2\_ABL\_ACCLIM 25.0000000000000000 9  
1 1 EKF2\_ABL\_GYRLIM 3.0000000000000000 9  
1 1 EKF2\_ABL\_LIM 0.400000005960464478 9  
1 1 EKF2\_ABL\_TAU 0.5000000000000000 9  
1 1 EKF2\_ACC\_B\_NOISE 0.003000000026077032 9

1 1 EKF2\_ACC\_NOISE 0.899999976158142090 9  
1 1 EKF2\_AID\_MASK 24 6  
1 1 EKF2\_ANGERR\_INIT 0.100000001490116119 9  
1 1 EKF2\_ARSP\_THR 0.000000000000000000 9  
1 1 EKF2\_ASPD\_MAX 20.000000000000000000 9  
1 1 EKF2\_ASP\_DELAY 0.000000000000000000 9  
1 1 EKF2\_AVEL\_DELAY 0.000000000000000000 9  
1 1 EKF2\_BARO\_DELAY 0.000000000000000000 9  
1 1 EKF2\_BARO\_GATE 5.000000000000000000 9  
1 1 EKF2\_BARO\_NOISE 2.000000000000000000 9  
1 1 EKF2\_BCOEF\_X 25.000000000000000000 9  
1 1 EKF2\_BCOEF\_Y 25.000000000000000000 9  
1 1 EKF2\_BETA\_GATE 5.000000000000000000 9  
1 1 EKF2\_BETA\_NOISE 0.300000011920928955 9  
1 1 EKF2\_DECL\_TYPE 7 6  
1 1 EKF2\_DRAG\_NOISE 2.500000000000000000 9  
1 1 EKF2\_EAS\_NOISE 1.399999976158142090 9  
1 1 EKF2\_EVA\_NOISE 0.050000000745058060 9  
1 1 EKF2\_EVP\_GATE 10.000000000000000000 9  
1 1 EKF2\_EVP\_NOISE 0.150000005960464478 9  
1 1 EKF2\_EVV\_GATE 3.000000000000000000 9  
1 1 EKF2\_EVV\_NOISE 0.100000001490116119 9  
1 1 EKF2\_EV\_DELAY 55.000000000000000000 9  
1 1 EKF2\_EV\_NOISE\_MD 1 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\_FUSE\_BETA 0 6  
1 1 EKF2\_GBIAS\_INIT 0.100000001490116119 9  
1 1 EKF2\_GND\_EFF\_DZ 0.000000000000000000 9  
1 1 EKF2\_GND\_MAX\_HGT 0.500000000000000000 9  
1 1 EKF2\_GPS\_CHECK 245 6  
1 1 EKF2\_GPS\_DELAY 0.000000000000000000 9  
1 1 EKF2\_GPS\_MASK 0 6  
1 1 EKF2\_GPS\_POS\_X 0.000000000000000000 9  
1 1 EKF2\_GPS\_POS\_Y 0.000000000000000000 9  
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1 1 EKF2\_GPS\_P\_GATE 5.000000000000000000 9  
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1 1 EKF2\_GPS\_TAU 10.000000000000000000 9  
1 1 EKF2\_GPS\_V\_GATE 5.000000000000000000 9  
1 1 EKF2\_GPS\_V\_NOISE 0.500000000000000000 9  
1 1 EKF2\_GYR\_B\_NOISE 0.00100000047497451 9  
1 1 EKF2\_GYR\_NOISE 0.059999998658895493 9  
1 1 EKF2\_HDG\_GATE 2.599999904632568359 9  
1 1 EKF2\_HEAD\_NOISE 0.300000011920928955 9  
1 1 EKF2\_HGT\_MODE 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\_MAGBIAS\_ID 396809 6  
1 1 EKF2\_MAGBIAS\_X -0.037548281252384186 9  
1 1 EKF2\_MAGBIAS\_Y 0.004513279534876347 9  
1 1 EKF2\_MAGBIAS\_Z 0.098356805741786957 9

1 1 EKF2\_MAGB\_K 0.200000002980232239 9  
1 1 EKF2\_MAGB\_VREF 0.000000249999999369 9  
1 1 EKF2\_MAG\_ACCLIM 0.500000000000000000 9  
1 1 EKF2\_MAG\_B\_NOISE 0.000099999997473788 9  
1 1 EKF2\_MAG\_DECL -7.005894184112548828 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 0.250000000000000000 9  
1 1 EKF2\_MIN\_OBS\_DT 10 6  
1 1 EKF2\_MIN\_RNG 0.100000001490116119 9  
1 1 EKF2\_MOVE\_TEST 1.000000000000000000 9  
1 1 EKF2\_NOAID\_NOISE 10.0000000000000000 9  
1 1 EKF2\_NOAID\_TOUT 5000000 6  
1 1 EKF2\_OF\_DELAY 0.000000000000000000 9  
1 1 EKF2\_OF\_GATE 3.000000000000000000 9  
1 1 EKF2\_OF\_N\_MAX 0.500000000000000000 9  
1 1 EKF2\_OF\_N\_MIN 0.150000005960464478 9  
1 1 EKF2\_OF\_POS\_X 0.000000000000000000 9  
1 1 EKF2\_OF\_POS\_Y 0.000000000000000000 9  
1 1 EKF2\_OF\_POS\_Z 0.000000000000000000 9  
1 1 EKF2\_OF\_QMIN 1 6  
1 1 EKF2\_PCOEF\_XN 0.000000000000000000 9  
1 1 EKF2\_PCOEF\_XP 0.000000000000000000 9  
1 1 EKF2\_PCOEF\_YN 0.000000000000000000 9  
1 1 EKF2\_PCOEF\_YP 0.000000000000000000 9  
1 1 EKF2\_PCOEF\_Z 0.000000000000000000 9  
1 1 EKF2\_REQ\_EPH 3.000000000000000000 9  
1 1 EKF2\_REQ\_EPV 5.000000000000000000 9  
1 1 EKF2\_REQ\_GDOP 2.500000000000000000 9  
1 1 EKF2\_REQ\_GPS\_H 10.0000000000000000 9  
1 1 EKF2\_REQ\_HDRIFT 0.10000001490116119 9  
1 1 EKF2\_REQ\_NSATS 6 6  
1 1 EKF2\_REQ\_SACC 0.500000000000000000 9  
1 1 EKF2\_REQ\_VDRIFT 0.20000002980232239 9  
1 1 EKF2\_RNG\_AID 0 6  
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1 1 EKF2\_RNG\_GATE 5.000000000000000000 9  
1 1 EKF2\_RNG\_NOISE 0.10000001490116119 9  
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1 1 EKF2\_RNG\_POS\_X 0.000000000000000000 9  
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1 1 EKF2\_RNG\_POS\_Z 0.000000000000000000 9  
1 1 EKF2\_RNG\_SFE 0.050000000745058060 9  
1 1 EKF2\_TAS\_GATE 3.000000000000000000 9  
1 1 EKF2\_TAU\_POS 0.250000000000000000 9  
1 1 EKF2\_TAU\_VEL 0.250000000000000000 9  
1 1 EKF2\_TERR\_GRAD 0.500000000000000000 9  
1 1 EKF2\_TERR\_NOISE 5.0000000000000000 9

1 1 EKF2\_WIND\_NOISE 0.100000001490116119 9  
1 1 EV\_TSK\_RC\_LOSS 0 6  
1 1 EV\_TSK\_STAT\_DIS 0 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 FW\_MAN\_P\_SC 1.0000000000000000 9  
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1 1 FW\_MAN\_Y\_SC 1.0000000000000000 9  
1 1 GF\_ACTION 1 6  
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1 1 GF\_MAX\_HOR\_DIST 0.0000000000000000 9  
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1 1 GF\_SOURCE 0 6  
1 1 GPS\_1\_CONFIG 201 6  
1 1 GPS\_2\_CONFIG 0 6  
1 1 GPS\_DUMP\_COMM 0 6  
1 1 GPS\_UBX\_DYNMODEL 7 6  
1 1 GPS\_YAW\_OFFSET 0.0000000000000000 9  
1 1 IMU\_ACCEL\_CUTOFF 30.0000000000000000 9  
1 1 IMU\_GYRO\_CUTOFF 30.0000000000000000 9  
1 1 IMU\_GYRO\_RATEMAX 0 6  
1 1 ISBD\_CONFIG 0 6  
1 1 LED\_RGB1\_MAXBRT 31 6  
1 1 LIGHT\_EN\_BLINKM 0 6  
1 1 LNDMC\_ALT\_MAX -1.0000000000000000 9  
1 1 LNDMC\_FFALL\_THR 2.0000000000000000 9  
1 1 LNDMC\_FFALL\_TTRI 0.300000011920928955 9  
1 1 LNDMC\_LOW\_T\_THR 0.300000011920928955 9  
1 1 LNDMC\_ROT\_MAX 20.0000000000000000 9  
1 1 LNDMC\_XY\_VEL\_MAX 1.5000000000000000 9  
1 1 LNDMC\_Z\_VEL\_MAX 0.5000000000000000 9  
1 1 LND\_FLIGHT\_T\_HI 2 6  
1 1 LND\_FLIGHT\_T\_LO 1611049408 6  
1 1 MAV\_0\_CONFIG 101 6  
1 1 MAV\_0\_FORWARD 1 6  
1 1 MAV\_0\_MODE 0 6  
1 1 MAV\_0\_RATE 1200 6  
1 1 MAV\_1\_CONFIG 102 6  
1 1 MAV\_1\_FORWARD 1 6  
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1 1 MAV\_2\_CONFIG 0 6  
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1 1 MAV\_HASH\_CHK\_EN 1 6  
1 1 MAV\_HB\_FORW\_EN 1 6  
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1 1 MAV\_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 MC\_ACRO\_EXPO 0.689999997615814209 9  
1 1 MC\_ACRO\_EXPO\_Y 0.689999997615814209 9  
1 1 MC\_ACRO\_P\_MAX 720.000000000000000000 9  
1 1 MC\_ACRO\_R\_MAX 720.000000000000000000 9  
1 1 MC\_ACRO\_SUPEXPO 0.699999988079071045 9  
1 1 MC\_ACRO\_SUPEXPOY 0.699999988079071045 9  
1 1 MC\_ACRO\_Y\_MAX 540.000000000000000000 9  
1 1 MC\_AIRMODE 0 6  
1 1 MC\_BAT\_SCALE\_EN 0 6  
1 1 MC\_DTERM\_CUTOFF 0.000000000000000000 9  
1 1 MC\_PITCHRATE\_D 0.00300000026077032 9  
1 1 MC\_PITCHRATE\_FF 0.000000000000000000 9  
1 1 MC\_PITCHRATE\_I 0.15000005960464478 9  
1 1 MC\_PITCHRATE\_K 1.000000000000000000 9  
1 1 MC\_PITCHRATE\_MAX 220.0000000000000000 9  
1 1 MC\_PITCHRATE\_P 0.18000007152557373 9  
1 1 MC\_PITCH\_P 6.500000000000000000 9  
1 1 MC\_PR\_INT\_LIM 0.30000011920928955 9  
1 1 MC\_RATT\_TH 0.80000011920928955 9  
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1 1 MC\_RR\_INT\_LIM 0.30000011920928955 9  
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1 1 MC\_YAW\_P 2.799999952316284180 9  
1 1 MC\_YR\_INT\_LIM 0.30000011920928955 9  
1 1 MIS\_ALTMODE 1 6  
1 1 MIS\_DIST\_1WP 900.000000000000000000 9  
1 1 MIS\_DIST\_WPS 900.000000000000000000 9  
1 1 MIS\_LTRMIN\_ALT -1.000000000000000000 9  
1 1 MIS\_MNT\_YAW\_CTL 0 6  
1 1 MIS\_TAKEOFF\_ALT 1.500000000000000000 9  
1 1 MIS\_TAKEOFF\_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\_ORDERING 0 6  
1 1 MOT\_SLEW\_MAX 0.000000000000000000 9  
1 1 MPC\_ACC\_DOWN\_MAX 3.000000000000000000 9  
1 1 MPC\_ACC\_HOR 3.000000000000000000 9  
1 1 MPC\_ACC\_HOR\_ESTM 0.500000000000000000 9  
1 1 MPC\_ACC\_HOR\_MAX 5.000000000000000000 9  
1 1 MPC\_ACC\_UP\_MAX 4.000000000000000000 9  
1 1 MPC\_ALT\_MODE 0 6

1 1 MPC\_ATT\_ALPHA 0.5000000000000000 9  
1 1 MPC\_AUTO\_MODE 1 6  
1 1 MPC\_CRUISE\_90 3.0000000000000000 9  
1 1 MPC\_DEC\_HOR\_SLOW 5.0000000000000000 9  
1 1 MPC\_HOLD\_DZ 0.100000001490116119 9  
1 1 MPC\_HOLD\_MAX\_XY 0.800000011920928955 9  
1 1 MPC\_HOLD\_MAX\_Z 0.600000023841857910 9  
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1 1 MPC\_JERK\_MAX 20.0000000000000000 9  
1 1 MPC\_JERK\_MIN 8.0000000000000000 9  
1 1 MPC\_LAND\_ALT1 10.0000000000000000 9  
1 1 MPC\_LAND\_ALT2 5.0000000000000000 9  
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1 1 MPC\_LAND\_SPEED 0.699999988079071045 9  
1 1 MPC\_MANTHR\_MIN 0.07999998211860657 9  
1 1 MPC\_MAN\_TILT\_MAX 35.0000000000000000 9  
1 1 MPC\_MAN\_Y\_MAX 150.0000000000000000 9  
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1 1 MPC\_RCAC\_ATT\_P0 0.00999999776482582 9  
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1 1 MPC\_RCAC\_POS\_P0 0.00999999776482582 9  
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1 1 MPC\_RCAC\_VEL\_SW 1.0000000000000000 9  
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1 1 MPC\_THR\_HOVER 0.5000000000000000 9  
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1 1 MPC\_THR\_MIN 0.11999997317790985 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\_VELD\_LP 5.0000000000000000 9  
1 1 MPC\_VEL\_ALPHA 0.5000000000000000 9  
1 1 MPC\_VEL\_MANUAL 10.0000000000000000 9  
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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\_D 0.00999999776482582 9  
1 1 MPC\_XY\_VEL\_I 0.01999999552965164 9  
1 1 MPC\_XY\_VEL\_MAX 12.0000000000000000 9  
1 1 MPC\_XY\_VEL\_P 0.090000003576278687 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\_TRAJ\_P 0.300000011920928955 9



1 1 MPC\_Z\_VEL\_D 0.0000000000000000 9  
1 1 MPC\_Z\_VEL\_I 0.100000001490116119 9  
1 1 MPC\_Z\_VEL\_MAX\_DN 1.0000000000000000 9  
1 1 MPC\_Z\_VEL\_MAX\_UP 3.0000000000000000 9  
1 1 MPC\_Z\_VEL\_P 0.200000002980232239 9  
1 1 NAV\_ACC\_RAD 2.0000000000000000 9  
1 1 NAV\_AH\_ALT 600.0000000000000000 9  
1 1 NAV\_AH\_LAT -265847810 6  
1 1 NAV\_AH\_LON 1518423250 6  
1 1 NAV\_DLL\_ACT 0 6  
1 1 NAV\_DLL\_AH\_T 120.0000000000000000 9  
1 1 NAV\_DLL\_CHSK 0 6  
1 1 NAV\_DLL\_CH\_ALT 600.0000000000000000 9  
1 1 NAV\_DLL\_CH\_LAT -266072120 6  
1 1 NAV\_DLL\_CH\_LON 1518453890 6  
1 1 NAV\_DLL\_CH\_T 120.0000000000000000 9  
1 1 NAV\_DLL\_N 2 6  
1 1 NAV\_FORCE\_VT 1 6  
1 1 NAV\_FT\_DST 8.0000000000000000 9  
1 1 NAV\_FT\_FS 1 6  
1 1 NAV\_FT\_RS 0.5000000000000000 9  
1 1 NAV\_FW\_ALTL\_RAD 5.0000000000000000 9  
1 1 NAV\_FW\_ALT\_RAD 10.0000000000000000 9  
1 1 NAV\_GPSF\_LT 0.0000000000000000 9  
1 1 NAV\_GPSF\_P 0.0000000000000000 9  
1 1 NAV\_GPSF\_R 15.0000000000000000 9  
1 1 NAV\_GPSF\_TR 0.0000000000000000 9  
1 1 NAV\_LOITER\_RAD 50.0000000000000000 9  
1 1 NAV\_MC\_ALT\_RAD 0.800000011920928955 9  
1 1 NAV\_MIN\_FT\_HT 8.0000000000000000 9  
1 1 NAV\_RCL\_ACT 2 6  
1 1 NAV\_RCL\_LT 120.0000000000000000 9  
1 1 NAV\_TRAFF\_AVOID 1 6  
1 1 PLD\_BTOUT 5.0000000000000000 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 10.0000000000000000 9  
1 1 PLD\_SRCH\_TOUT 10.0000000000000000 9  
1 1 PWM\_AUX\_DIS1 -1 6  
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1 1 PWM\_AUX\_DIS5 -1 6  
1 1 PWM\_AUX\_DIS6 -1 6  
1 1 PWM\_AUX\_DIS7 -1 6  
1 1 PWM\_AUX\_DIS8 -1 6  
1 1 PWM\_AUX\_DISARMED 1500 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\_MAX 2000 6  
1 1 PWM\_AUX\_MAX1 -1 6  
1 1 PWM\_AUX\_MAX2 -1 6  
1 1 PWM\_AUX\_MAX3 -1 6  
1 1 PWM\_AUX\_MAX4 -1 6  
1 1 PWM\_AUX\_MAX5 -1 6  
1 1 PWM\_AUX\_MAX6 -1 6  
1 1 PWM\_AUX\_MAX7 -1 6  
1 1 PWM\_AUX\_MAX8 -1 6  
1 1 PWM\_AUX\_MIN 1000 6  
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1 1 PWM\_AUX\_MIN7 -1 6  
1 1 PWM\_AUX\_MIN8 -1 6  
1 1 PWM\_AUX\_RATE 50 6  
1 1 PWM\_AUX\_REV1 0 6  
1 1 PWM\_AUX\_REV2 0 6  
1 1 PWM\_AUX\_REV3 0 6  
1 1 PWM\_AUX\_REV4 0 6  
1 1 PWM\_AUX\_REV5 0 6  
1 1 PWM\_AUX\_REV6 0 6  
1 1 PWM\_AUX\_REV7 0 6  
1 1 PWM\_AUX\_REV8 0 6  
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1 1 PWM\_AUX\_TRIM3 0.0000000000000000 9  
1 1 PWM\_AUX\_TRIM4 0.0000000000000000 9  
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1 1 PWM\_AUX\_TRIM6 0.0000000000000000 9  
1 1 PWM\_AUX\_TRIM7 0.0000000000000000 9  
1 1 PWM\_AUX\_TRIM8 0.0000000000000000 9  
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1 1 PWM\_MAIN\_DIS7 -1 6  
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1 1 PWM\_MAIN\_FAIL8 -1 6

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1 1 PWM\_MAIN\_MAX6 -1 6  
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1 1 RC13\_MAX 2000.000000000000000000 9

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1 1 RC15\_DZ 0.00000000000000000000 9  
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1 1 RC15\_REV 1.00000000000000000000 9  
1 1 RC15\_TRIM 1494.00000000000000000000 9  
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1 1 RC16\_REV 1.00000000000000000000 9  
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1 1 RC18\_REV 1.00000000000000000000 9  
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1 1 RC1\_TRIM 982.00000000000000000000 9  
1 1 RC2\_DZ 10.00000000000000000000 9  
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1 1 RC2\_MIN 982.00000000000000000000 9  
1 1 RC2\_REV 1.00000000000000000000 9  
1 1 RC2\_TRIM 1493.00000000000000000000 9  
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1 1 RC4\_DZ 10.00000000000000000000 9  
1 1 RC4\_MAX 2006.00000000000000000000 9  
1 1 RC4\_MIN 982.00000000000000000000 9  
1 1 RC4\_REV -1.00000000000000000000 9  
1 1 RC4\_TRIM 1494.00000000000000000000 9  
1 1 RC5\_DZ 10.00000000000000000000 9  
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1 1 RC5\_MIN 982.00000000000000000000 9  
1 1 RC5\_REV 1.00000000000000000000 9  
1 1 RC5\_TRIM 1494.00000000000000000000 9  
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1 1 RC\_KILLSWITCH\_TH 0.2500000000000000 9  
1 1 RC\_LOITER\_TH 0.5000000000000000 9  
1 1 RC\_MAN\_TH 0.5000000000000000 9  
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1 1 RC\_MAP\_FLAPS 0 6  
1 1 RC\_MAP\_FLTMODE 5 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 15 6  
1 1 RC\_MAP\_PARAM2 0 6  
1 1 RC\_MAP\_PARAM3 0 6  
1 1 RC\_MAP\_PITCH 3 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 2 6  
1 1 RC\_MAP\_STAB\_SW 0 6  
1 1 RC\_MAP\_THROTTLE 1 6  
1 1 RC\_MAP\_TRANS\_SW 0 6  
1 1 RC\_MAP\_YAW 4 6  
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1 1 RC\_POSCTL\_TH 0.5000000000000000 9  
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1 1 RTL\_DESCEND\_ALT 2.0000000000000000 9  
1 1 RTL\_LAND\_DELAY 0.0000000000000000 9  
1 1 RTL\_MIN\_DIST 4.0000000000000000 9  
1 1 RTL\_RETURN\_ALT 2.0000000000000000 9  
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1 1 SDLOG\_DIRS\_MAX 0 6  
1 1 SDLOG\_MISSION 0 6  
1 1 SDLOG\_MODE 0 6  
1 1 SDLOG\_PROFILE 3 6  
1 1 SDLOG\_UTC\_OFFSET 0 6  
1 1 SENS\_BARO\_QNH 1013.2500000000000000 9  
1 1 SENS\_BOARD\_ROT 0 6  
1 1 SENS\_BOARD\_X\_OFF 0.137205049395561218 9  
1 1 SENS\_BOARD\_Y\_OFF 0.309044599533081055 9  
1 1 SENS\_BOARD\_Z\_OFF 0.0000000000000000 9  
1 1 SENS\_CM8JL65\_CFG 0 6  
1 1 SENS\_DPRES\_OFF 0.0000000000000000 9  
1 1 SENS\_EN\_BATT 0 6  
1 1 SENS\_EN\_LL40LS 0 6  
1 1 SENS\_EN\_MB12XX 0 6  
1 1 SENS\_EN\_MPDT 0 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\_SF1XX 0 6  
1 1 SENS\_EN\_THERMAL -1 6  
1 1 SENS\_EN\_TRANGER 0 6  
1 1 SENS\_FLOW\_MAXHGT 3.0000000000000000 9  
1 1 SENS\_FLOW\_MAXR 2.5000000000000000 9  
1 1 SENS\_FLOW\_MINHGT 0.699999988079071045 9  
1 1 SENS\_FLOW\_ROT 6 6  
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1 1 SENS\_SF0X\_CFG 0 6  
1 1 SENS\_TFMINI\_CFG 0 6  
1 1 SENS\_ULAND\_CFG 0 6  
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1 1 SER\_TEL1\_BAUD 57600 6  
1 1 SER\_TEL2\_BAUD 921600 6

1 1 SYS\_AUTOCONFIG 0 6  
1 1 SYS\_AUTOSTART 4014 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  
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1 1 SYS\_HAS\_MAG 1 6  
1 1 SYS\_HITL 0 6  
1 1 SYS\_MC\_EST\_GROUP 2 6  
1 1 SYS\_PARAM\_VER 1 6  
1 1 SYS\_RESTART\_TYPE 0 6  
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1 1 SYS\_USE\_IO 1 6  
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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  
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1 1 TRIM\_ROLL 0.000000000000000000 9  
1 1 TRIM\_YAW 0.000000000000000000 9  
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1 1 VT\_B\_REV\_DEL 0.000000000000000000 9  
1 1 WV\_EN 0 6