

Entering CLI Mode, type 'exit' to return, or 'help'

# DIFF

###WARNING: NO CUSTOM DEFAULTS FOUND###

# version

# Betaflight / STM32F405 (S405) 4.3.1 Jul 13 2022 / 03:32:11 (8d4f005) MSP API: 1.44

###ERROR IN diff: NO CONFIG FOUND###

# start the command batch

batch start

board\_name FLYWOOF405NANO

manufacturer\_id FLWO

# name: FLYWOO

# resources

resource BEEPER 1 C13

resource MOTOR 1 B00

resource MOTOR 2 B01

resource MOTOR 3 A03

resource MOTOR 4 A02

resource MOTOR 5 B05

resource MOTOR 6 C09

resource MOTOR 7 B07

resource MOTOR 8 C08

resource PPM 1 B08

resource LED\_STRIP 1 A09

resource SERIAL\_TX 1 B06

resource SERIAL\_TX 2 D05

resource SERIAL\_TX 3 B10

resource SERIAL\_TX 4 A00

resource SERIAL\_TX 6 C06

resource SERIAL\_RX 1 A10

resource SERIAL\_RX 2 D06

resource SERIAL\_RX 3 B11

resource SERIAL\_RX 4 A01

resource SERIAL\_RX 5 D02

resource SERIAL\_RX 6 C07

resource I2C\_SCL 1 B08

resource I2C\_SDA 1 B09

resource LED 1 C14

resource SPI\_SCK 1 A05

resource SPI\_SCK 3 C10

resource SPI\_MISO 1 A06

resource SPI\_MISO 3 C11

resource SPI\_MOSI 1 A07

resource SPI\_MOSI 3 C12

resource ESCSERIAL 1 B08

resource ADC\_BATT 1 C03

resource ADC\_RSSI 1 C00

resource ADC\_CURR 1 C02

resource FLASH\_CS 1 B03

resource OSD\_CS 1 B14  
resource GYRO\_EXTI 1 B13  
resource GYRO\_CS 1 B12  
resource USB\_DETECT 1 A08  
# timer  
timer B00 AF2  
# pin B00: TIM3 CH3 (AF2)  
timer B01 AF2  
# pin B01: TIM3 CH4 (AF2)  
timer A03 AF1  
# pin A03: TIM2 CH4 (AF1)  
timer A02 AF1  
# pin A02: TIM2 CH3 (AF1)  
timer B05 AF2  
# pin B05: TIM3 CH2 (AF2)  
timer B07 AF2  
# pin B07: TIM4 CH2 (AF2)  
timer C09 AF3  
# pin C09: TIM8 CH4 (AF3)  
timer C08 AF3  
# pin C08: TIM8 CH3 (AF3)  
timer A09 AF1  
# pin A09: TIM1 CH2 (AF1)  
# dma  
dma ADC 1 0  
# ADC 1: DMA2 Stream 0 Channel 0  
dma pin B00 0  
# pin B00: DMA1 Stream 7 Channel 5  
dma pin B01 0  
# pin B01: DMA1 Stream 2 Channel 5  
dma pin A03 1  
# pin A03: DMA1 Stream 6 Channel 3  
dma pin A02 0  
# pin A02: DMA1 Stream 1 Channel 3  
dma pin B05 0  
# pin B05: DMA1 Stream 5 Channel 5  
dma pin B07 0  
# pin B07: DMA1 Stream 3 Channel 2  
dma pin C09 0  
# pin C09: DMA2 Stream 7 Channel 7  
dma pin C08 0  
# pin C08: DMA2 Stream 2 Channel 0  
dma pin A09 0  
# pin A09: DMA2 Stream 6 Channel 0  
# feature  
feature -RX\_PARALLEL\_PWM  
feature RX\_SERIAL  
feature MOTOR\_STOP

```
feature GPS
feature TELEMETRY
feature LED_STRIP
feature OSD
# serial
serial 2 8192 115200 57600 0 115200
serial 3 64 115200 57600 0 115200
serial 5 2 115200 115200 0 115200
# mixer
mixer HEX6X
mmix 0 1.000 -0.809 0.659 -1.000
mmix 1 1.000 -1.000 -0.659 1.000
mmix 2 1.000 0.809 0.659 1.000
mmix 3 1.000 1.000 -0.659 -1.000
# led
led 0 6,6::CO:8
led 1 7,6::CO:8
led 2 8,6::CO:8
led 3 9,6::CO:8
# aux
aux 0 0 1 1375 2100 0 0
aux 1 2 1 1700 2100 0 0
aux 2 46 2 1700 2100 0 0
aux 3 13 0 1700 2100 0 0
# vtxtable
vtxtable bands 5
vtxtable channels 8
vtxtable band 1 BAND_A A CUSTOM 5865 5845 5825 5805 5785 5765 5745 5725
vtxtable band 2 BAND_B B CUSTOM 5733 5752 5771 5790 5809 5828 5847 5866
vtxtable band 3 BAND_E E CUSTOM 5705 5685 5665 5645 5885 5905 5925 5945
vtxtable band 4 AIRWAVE F CUSTOM 5740 5760 5780 5800 5820 5840 5860 5880
vtxtable band 5 RACEBAND R CUSTOM 5658 5695 5732 5769 5806 5843 5880 5917
vtxtable powerlevels 5
vtxtable powervalues 25 100 200 400 600
vtxtable powerlabels 25 50 100 200 MAX
# rxfail
rxfail 6 s 2000
# master
set acc_calibration = 46,-13,16,1
set mag_bustype = I2C
set mag_i2c_device = 1
set mag_hardware = NONE
set baro_bustype = I2C
set baro_i2c_device = 1
set rssi_channel = 12
set serialrx_provider = SBUS
set blackbox_device = SPIFLASH
set dshot_burst = ON
```

set motor\_pwm\_protocol = DSHOT300  
set failsafe\_procedure = GPS-RESCUE  
set current\_meter = ADC  
set battery\_meter = ADC  
set ibata\_scale = 200  
set beeper\_inversion = ON  
set beeper\_od = OFF  
set yaw\_motors\_reversed = ON  
set gps\_provider = UBLOX  
set gps\_sbas\_mode = AUTO  
set gps\_rescue\_min\_sats = 5  
set gps\_rescue\_allow\_arwing\_without\_fix = ON  
set pid\_process\_denom = 4  
set osd\_vbat\_pos = 2305  
set osd\_rssi\_pos = 2177  
set osd\_link\_quality\_pos = 2145  
set osd\_rssi\_dbm\_pos = 161  
set osd\_tim\_1\_pos = 2401  
set osd\_tim\_2\_pos = 2369  
set osd\_flymode\_pos = 2241  
set osd\_throttle\_pos = 2361  
set osd\_vtx\_channel\_pos = 2209  
set osd\_current\_pos = 2391  
set osd\_mah\_drawn\_pos = 2273  
set osd\_craft\_name\_pos = 2081  
set osd\_gps\_speed\_pos = 2264  
set osd\_gps\_lon\_pos = 2129  
set osd\_gps\_lat\_pos = 2097  
set osd\_gps\_sats\_pos = 2167  
set osd\_home\_dir\_pos = 2190  
set osd\_home\_dist\_pos = 2200  
set osd\_flight\_dist\_pos = 2232  
set osd\_altitude\_pos = 2327  
set osd\_warnings\_pos = 2441  
set osd\_avg\_cell\_voltage\_pos = 2337  
set osd\_disarmed\_pos = 2411  
set osd\_flip\_arrow\_pos = 2113  
set osd\_core\_temp\_pos = 2296  
set osd\_log\_status\_pos = 97  
set osd\_efficiency\_pos = 231  
set system\_hse\_mhz = 8  
set vtx\_band = 3  
set vtx\_channel = 4  
set vtx\_power = 5  
set vtx\_freq = 5645  
set max7456\_spi\_bus = 3  
set dashboard\_i2c\_bus = 1  
set pinio\_box = 40,41,255,255

```
set flash_spi_bus = 3
set gyro_1_bustype = SPI
set gyro_1_spibus = 1
set gyro_1_sensor_align = CW90
set gyro_1_align_yaw = 900
set gyro_2_spibus = 1
set name = FLYWOO
profile 0
# profile 0
set anti_gravity_gain = 5000
set iterm_relax_cutoff = 20
set p_pitch = 52
set i_pitch = 63
set d_pitch = 68
set f_pitch = 80
set p_roll = 47
set i_roll = 59
set d_roll = 63
set f_roll = 76
set p_yaw = 50
set i_yaw = 63
set f_yaw = 76
set d_min_roll = 41
set d_min_pitch = 45
rateprofile 0
# end the command batch
batch end
#
SAVE
```