

**# 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 FLYWOOF405S\_AIO**

**manufacturer\_id FLWO**

**# resources**

**resource BEEPER 1 C13**

**resource MOTOR 1 A03**

**resource MOTOR 2 B00**

**resource MOTOR 3 A02**

**resource MOTOR 4 B01**

**resource MOTOR 5 B05**

**resource MOTOR 6 B07**

**resource MOTOR 7 C09**

**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 RSSI\_ADC  
feature LED\_STRIP

## feature OSD

### # serial

serial 2 64 115200 57600 0 115200

serial 5 1 115200 57600 0 115200

### # beacon

beacon RX\_SET

### # led

led 0 8,8::CB:8

led 1 9,8::CB:8

led 2 10,8::CB:8

led 3 11,8::CB:8

### # aux

aux 0 0 1 1300 2100 0 0

aux 1 2 1 1700 2100 0 0

### # master

set dyn\_notch\_count = 1

set dyn\_notch\_q = 500

set acc\_calibration = 97,-87,-4,1

set mag\_bustype = I2C

set mag\_i2c\_device = 1

set mag\_hardware = NONE

set baro\_bustype = I2C

set baro\_i2c\_device = 1

set serialrx\_provider = SBUS

set blackbox\_device = SPIFLASH

set dshot\_idle\_value = 1200

set dshot\_burst = ON

set dshot\_bidir = ON

set motor\_pwm\_protocol = DSHOT300

set motor\_poles = 12

set vbat\_max\_cell\_voltage = 435

set current\_meter = ADC

set battery\_meter = ADC

set ibata\_scale = 170

set beeper\_inversion = ON

set beeper\_od = OFF

set yaw\_motors\_reversed = ON

set pid\_process\_denom = 4

set osd\_vbat\_pos = 2337

set osd\_link\_quality\_pos = 2145

set osd\_tim\_1\_pos = 2423

set osd\_tim\_2\_pos = 2391

set osd\_throttle\_pos = 2359

set osd\_vtx\_channel\_pos = 2177

set osd\_current\_pos = 2305

set osd\_avg\_cell\_voltage\_pos = 2401

set osd\_displayport\_device = MSP

set system\_hse\_mhz = 8

```
set max7456_spi_bus = 3
set displayport_msp_serial = 5
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
profile 0
# profile 0
set p_pitch = 32
set i_pitch = 63
set f_pitch = 80
set p_roll = 29
set i_roll = 59
set d_roll = 42
set f_roll = 76
set p_yaw = 31
set i_yaw = 63
set f_yaw = 76
set d_min_roll = 27
set d_min_pitch = 30
rateprofile 0
# end the command batch
batch end
#
SAVE
```