

Profile was saved

Spirit profile beta

FLEW PERFECT ON Sunday
6/16 with changes noted in ink.
~~6/10/2019~~

Logo 600 Ready to TEST with less rudder gain all set up 6 9 2019 V2.6.1 1.02 BANK
0.4ds (heli-2.6.1)

UPDATE Link FLEW & TESTED on Sunday 6/16/2019
ALL Changes Below - Resulted in PERFECT Tail Flight

<http://4dsviewer.spirit-system.com/www/profile/show/2061> Logo 600 Ready to TEST with less rudder gain all set up 6 9 2019 V2.6.1 1.02 BANK 0.4ds (heli-2.6.1)

[<<< back <<<](#)[download](#)

General

FW version
Position
Receiver
Mix
Flight Style

heli-2.6.1
Horizontal (0°)
PWM
CCPM 120°
4

Servos

Servos -> Type -> Cyclic -> Pulse
Servos -> Type -> Cyclic -> Frequency
Servos -> Type -> Rudder -> Pulse
Servos -> Type -> Rudder -> Frequency
Servos -> Subtrim -> Pitch (CH1)
Servos -> Subtrim -> Elevator (CH2)
Servos -> Subtrim -> Aileron (CH3)
Servos -> Subtrim -> Rudder (CH4)
Servos -> Subtrim -> Elevator 2 (CH0)
Servos -> Servo Reverse -> CH1
Servos -> Servo Reverse -> CH2
Servos -> Servo Reverse -> CH3
Servos -> Servo Reverse -> CH4
Servos -> Servo Reverse -> CH0

1520µs
333Hz
760µs
333Hz
-86 (127 <-> -127)
-114 (-127 <-> 127)
-83 (-127 <-> 127)
-57 (-127 <-> 127)
0 (-127 <-> 127)
Yes
No
Yes
Yes
No

Limits

Limits -> Cyclic ring -> Aileron / Elevator range
Limits -> Pitch range
Limits -> Rudder end-points -> Right limit
Limits -> Rudder end-points -> Left limit

184 (~12°) (32 (~2°) <-> 255 (~17°))
206 (32 <-> 255)
124 (32 <-> 255)
116 (32 <-> 255)

Sensor

Sensor -> Sensitivity -> Cyclic Gain
Sensor -> Sensitivity -> Rudder Common Gain
Sensor -> Sensitivity -> Rudder Gain

60% (20% <-> 100%)
1.35x (1x <-> 1.5x)
55% (-100% <-> 100%)

changed
changed from 60 to 55
per tuning guide
only this parameter
to fix tail oscillation
ok solved Rudder/Tail
Fixed Oscillation

Sensor -> Rotation speed -> Cyclic

8 (5 <-> 16)

OK Sensor -> Rotation speed -> Rudder

8 (5 <-> 20)

*Beginner 8***Advanced**

Advanced -> Geometry 6°

125 (64 <-> 250)

Advanced -> Cyclic feed forward

5 (1 <-> 12)

Advanced -> Rudder dynamic

OK 6 (3 <-> 10)

Advanced -> Rudder - Revomix

OK 2 (0 <-> 10)

Advanced -> Pirouette consistency

180 (130 <-> 250) *OK*

Advanced -> Expert settings -> Rotor Rotation Direction -> Counter-Clockwise

No

Advanced -> Elevator filter

3 (0 <-> 4)

Advanced -> Rudder delay

3 (0 <-> 30)

Advanced -> Expert settings -> Pitch Pump Booster

0 (0 <-> 4)

Advanced -> Expert settings -> Cyclic phase

0 (-90 <-> 90)

Advanced -> Expert settings -> Signal Processing

No

Advanced -> Expert settings -> Elevator pitchup compensation

0 (0 <-> 4)

Advanced -> Expert settings -> Stick deadband

10 (4 <-> 30)

Advanced -> Collective Direction -> Reversed

No

Advanced -> Expert settings -> Autorotation Bailout rate

3 s (1 s <-> 6 s)

Advanced -> Expert settings -> RPM Sensor Filter

6 (1 <-> 8)

Advanced -> Telemetry settings -> ESC telemetry

Disabled

Advanced -> Telemetry settings -> I-motor Shunt

50 (0 <-> 250)

Advanced -> Telemetry settings -> GeoLink Support

1 (0 <-> 1)

Stabi

Stabi -> Function

Disabled

Stabi -> Direction control rate

1 (0 <-> 5)

Stabi -> Rescue collective pitch

70% (0% <-> 100%)

Stabi -> Sticks priority

6 (0 <-> 16)

Stabi -> Acro Delay

0.1 s (0 s <-> 3 s)

Stabi -> Flybar mechanic

No

Servo Travel Correction

Servo Travel Correction -> Pitch (CH1) -> Maximum

-26 (-64 <-> 64)

Servo Travel Correction -> Elevator (CH2) -> Maximum

-44 (-64 <-> 64)

Servo Travel Correction -> Aileron (CH3) -> Maximum

23 (-64 <-> 64)

Servo Travel Correction -> Pitch (CH1) -> Minimum

30 (64 <-> -64)

Servo Travel Correction -> Elevator (CH2) -> Minimum

10 (64 <-> -64)

Servo Travel Correction -> Aileron (CH3) -> Minimum

64 (64 <-> -64)

Channels

Channels -> Throttle

Unassigned

Channels -> Aileron

2. channel

Channels -> Elevator

3. channel

Channels -> Rudder

4. channel

Channels -> Rudder Gain

Unassigned

Channels -> Pitch

6. channel

Channels -> Banks

Unassigned

Channels -> Special functions -> Function 1

F: Geo-Link Altitude Limit

Channels -> Special functions -> Function 2

F: Geo-Link Return to Home

- Channels -> Special functions -> Function 3
- Channels -> Special functions -> Function 4
- Channels -> Special functions -> Function 5
- Channels -> Special functions -> Function 6
- Channels -> Special functions -> Channel function 1
- Channels -> Special functions -> Channel function 2
- Channels -> Special functions -> Channel function 3
- Channels -> Special functions -> Channel function 4
- Channels -> Special functions -> Channel function 5
- Channels -> Special functions -> Channel function 6

- F: Geo-Link Auto Landing
- unassigned
- unassigned
- unassigned
- 5. channel
- 7. channel
- 7. channel
- unassigned
- unassigned
- unassigned

Governor / Throttle

- Governor / Throttle -> Governor -> Governor
- Governor / Throttle -> Throttle Frequency
- Governor / Throttle -> Governor -> Spoolup Rate
- Governor / Throttle -> Governor -> Governor Response
- Governor / Throttle -> Governor -> Holding Performance
- Governor / Throttle -> Governor -> Holding Limit
- Governor / Throttle -> Min
- Governor / Throttle -> Max
- Governor / Throttle -> Spoolup Rampup
- Governor / Throttle -> Governor -> Sensing Divider
- Governor / Throttle -> Governor -> Gear Ratio
- Governor / Throttle -> Governor -> Max. Head Speed (RPM)
- Governor / Throttle -> Throttle Reverse

- No
- 60Hz
- Slow
- 5 (1 <-> 10)
- 5 (1 <-> 6)
- 80 (50 <-> 100)
- 1100 µs (700 µs <-> 1300 µs)
- 1900 µs (1700 µs <-> 2300 µs)
- 50 µs (10 µs <-> 200 µs)
- 5 (1 <-> 14)
- 10 (0 <-> 24)
- 2400 RPM (1500 RPM <-> 8000 RPM)
- No

[<<< back <<<](#)