

FLAP-FLAP

Presented by Thierry Joubert

Acknowledgements:

- Kazuhiko Kakuta - Pfor introducing SFO (Servos Flapping Ornithopter

- Creative Channel 조환연- for structure design and assembly video

- RC-Network.de "Servo getriebener Ornithopter (RC Vogel)"

► Ralf Röthfor LUA script inspiration &Frank77 for the original code

- Original design by Stephan Brehm

- Plan drawn up by Laurent Berlivet

Envergure : 85 cm

Longeur : 28,7 cm

Surface : 8 dm²

Poids : 23 g

Charge alaïre : 2,9 g/dm²

Servos : 2x PTK 7350 MG-D

Récepteur : FlySky Micro FS2A 4CH

Batterie : Li-Po 2S 80 à 110 mAh

https://jivaro-models.org/flapflap/page_flapflap.html

Part 2 : carbon flat 3 x 0.5 ; length 185 mm

Part 1 : carbon rod ø1,5 mm ; length 206 mm

Part 3 : carbon flat 3 x 0.3 ; length 153 mm

Part 4 : carbon rod ø1,5 mm ; length 193 mm

Part 7 : carbon rod ø1,5 mm ; length 136 mm

Part 5-6 : Carbon flat 1x0.5mm or rod ø0.8

Part 8-9 : Carbon 1x0.5mm or rod ø0.8 ; 160 mm

Part 10 : Carbon rod ø0.8 ; 190 mm

Labels: F2, B4, Servo, Servoframe, Horn, Joint, Tail, ø2,5 mm heat shrink tubing, Covering: Survival Blanket, 109 mm, 397 mm, 12°

Part 1 : carbon rod ø1,5 mm ; length 206 mm

Part 2 : carbon flat 3 x 0.5 ; length 185 mm

Part 3 : carbon flat 3 x 0.3 ; length 153 mm

Part 4 : carbon rod ø1,5 mm ; length 193 mm

Part 5-6 : Carbon flat 1x0.5mm or rod ø0.8

Part 7 : carbon rod ø1,5 mm ; length 136 mm

Part 8-9 : Carbon 1x0.5mm or rod ø0.8 ; 160 mm

Part 10 : Carbon rod ø0.8 ; 190 mm

Labels: Servo, Servoframe, Horn, Joint, Tail, Part 5-6, Part 8-9, Dihedral wedge under Part 2, Dihedral wedge under Part 3

3D printed parts