

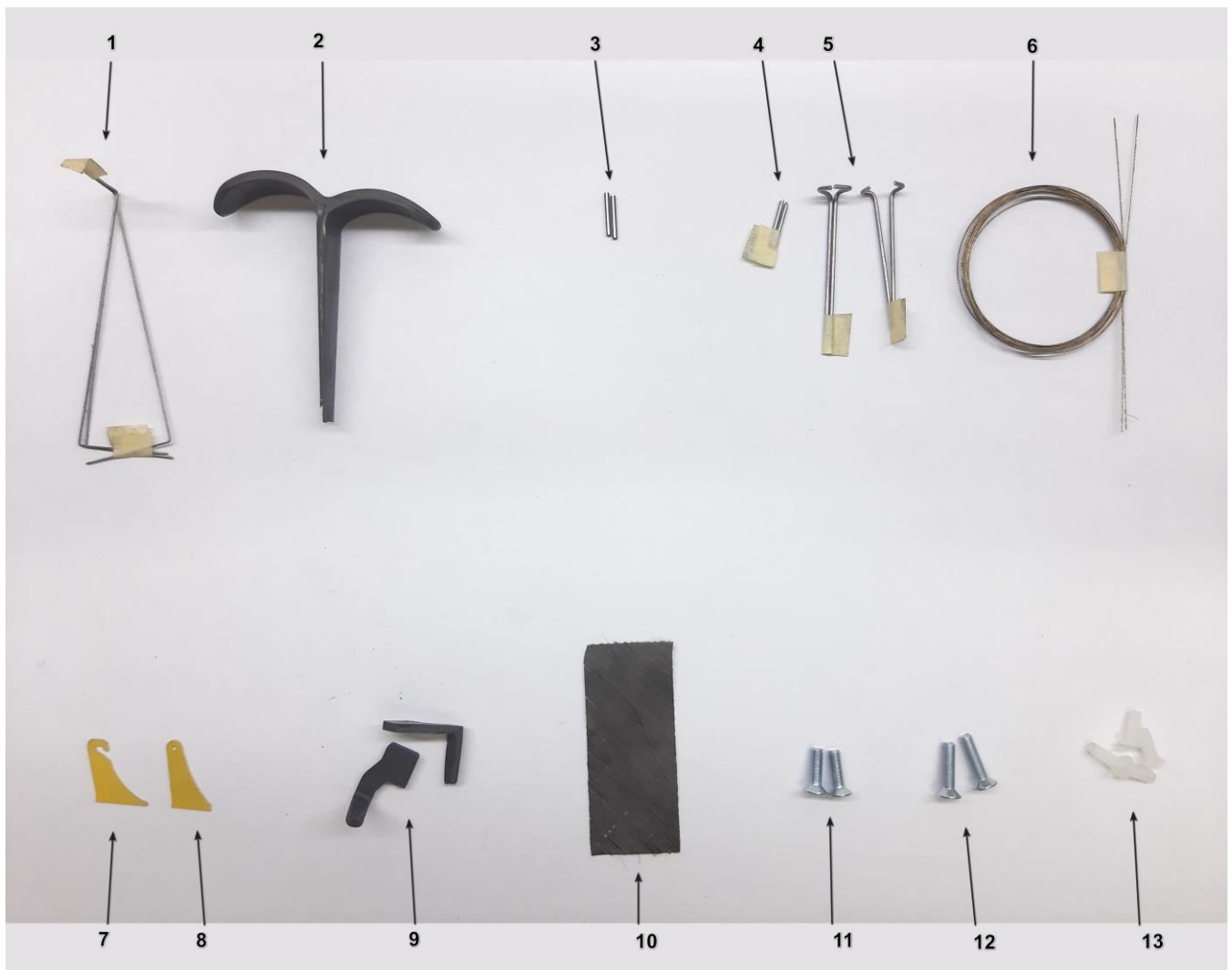


Kit components



Wing
Wing joiner
Fuselage with nose cone
Fin

Stabilizer
Aileron carbon rods
Plastic tubes for tail wires
Accessories

Accessories components

- | | |
|---------------------------------|---------------------------------------|
| 1- Tail torsions | 9- Ailerons horns |
| 2- T-peg | 10- Reinforcement for ailerons axis |
| 3- Crimping tubes for tail rods | 11- Rear wing screw M3*10 (+1 spare) |
| 4- Aileron axis | 12- Front wing screw M3*12 (+1 spare) |
| 5- Aileron rod ends | 13- Stab screws M3*6 2pcs (+2 spare) |
| 6- Tail rods | |
| 7- Stabilizer horn | |
| 8- Fin horn | |

Recommended electronic components

- 1- Battery 1S 300-500 mAh
- 2- Servos KST X-08H*2 + D47*2
- 3- Receiver 4-6 channels

Tools and materials for assembling

- 1- Ruler
- 2- Files
- 3- Sand paper
- 4- Knife
- 5- Cyanoacrylate
- 6- Epoxy
- 7- Two-side tape

Tail assembling

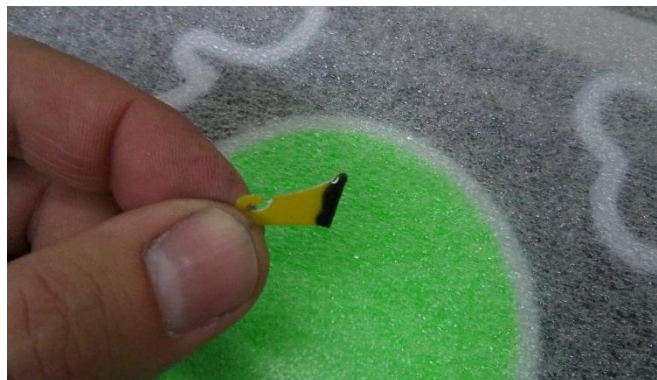
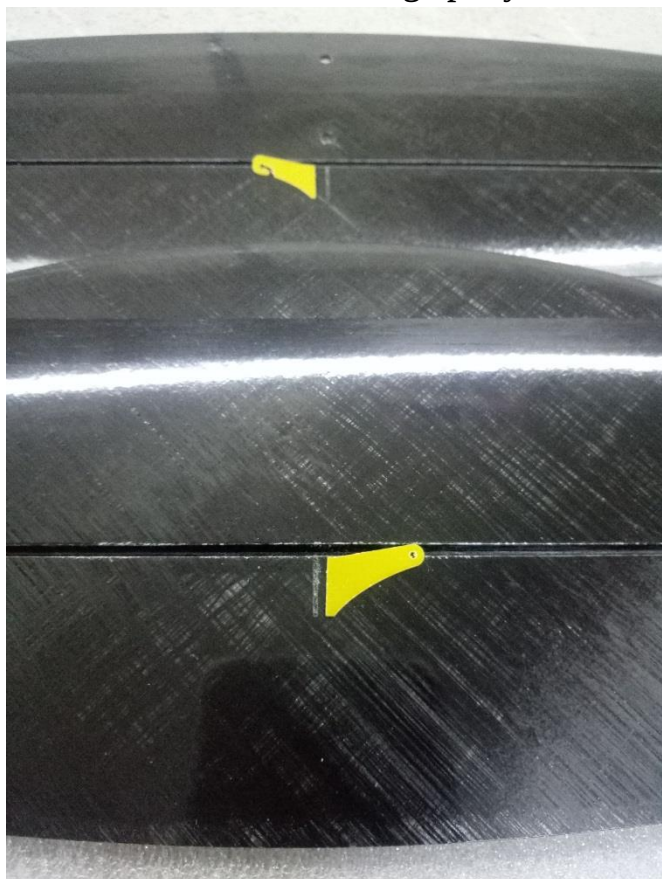
Cut the slots for the control horns and aileron rods with a knife according to the pictures.

In rudder on the right side in the middle.

In elevator at the top side.

File out control horns before gluing.

Paste in control horns using epoxy with filler.



Make a holes for torsions with a needle, install torsions and fix them with cyanoacrylate.

Wing assembling

Clean up from foam slots for aileron horns and check is it fits good without glue.



File out control horns axis and spot for axis gluing.

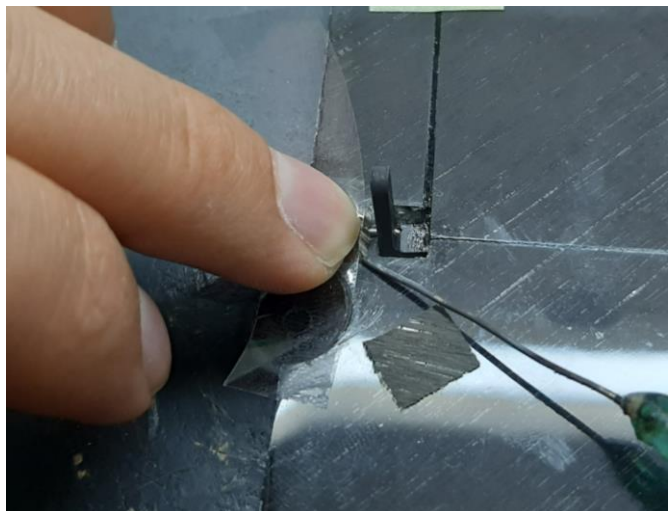
Paste in control horns using epoxy with filler.



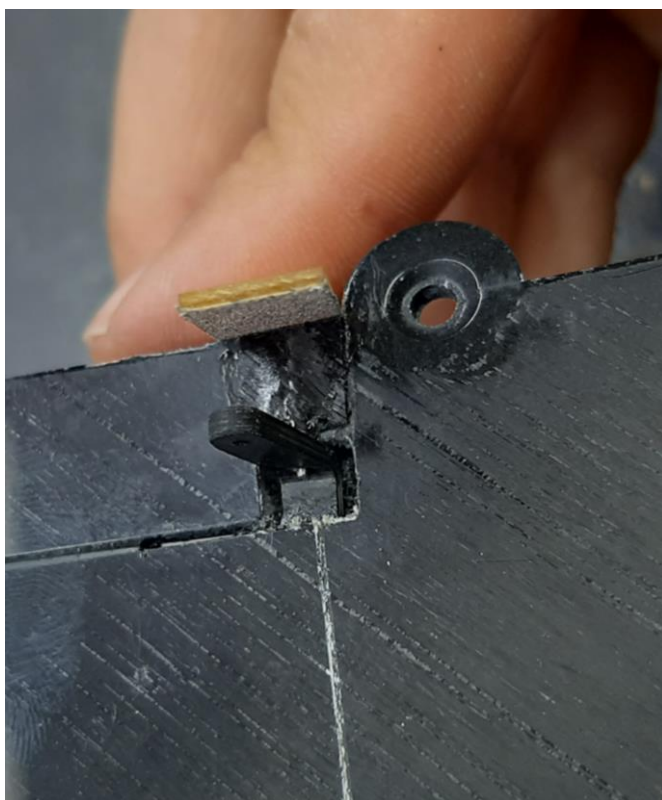
While epoxy is liquid press down axis to the slot in wing and fix it with CA.



Glue two layers of carbon about 8mm width from accessories set to reinforce axis fixation using CA and a piece of film

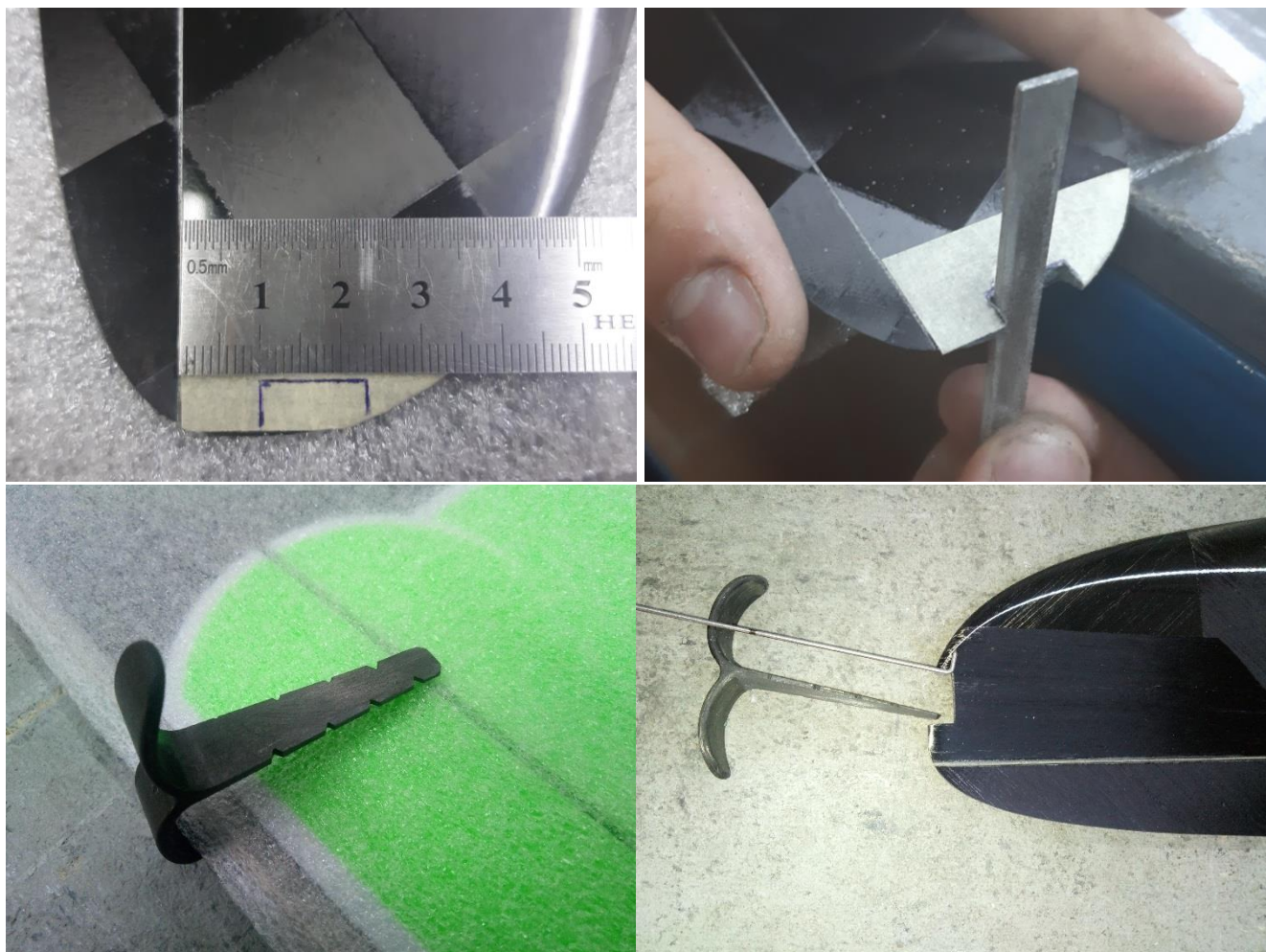


Cut the rest of carbon and sand.



Prepare t-peg for gluing using file

Make a slot for peg using knife, file and wire.



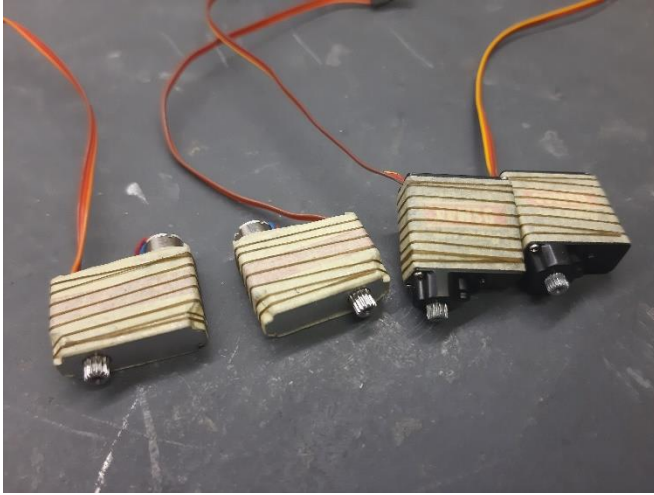
Fill slot with epoxy and paste t-peg



Servos installation

Fix LiPo in the fuselage with 2-side tape and check if nose cone fits good

Wrap servos with paper tape and thread.

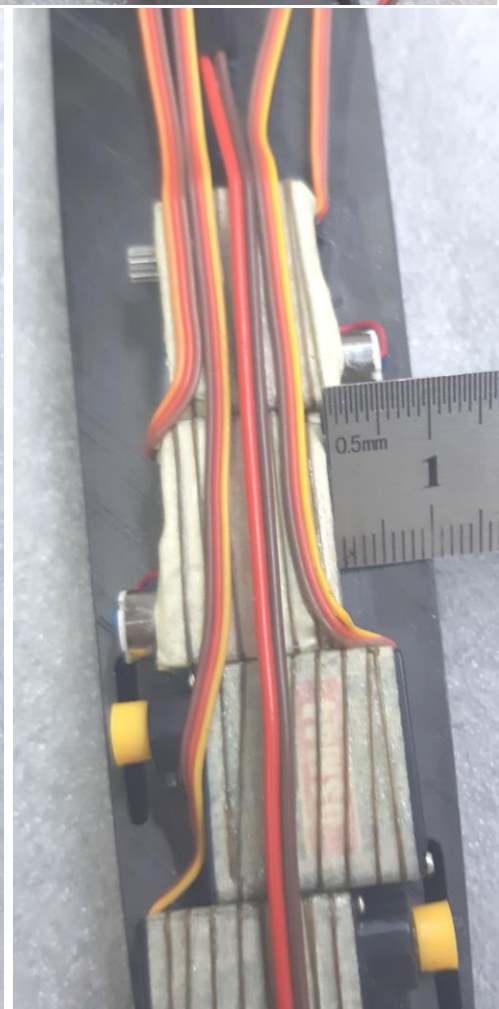
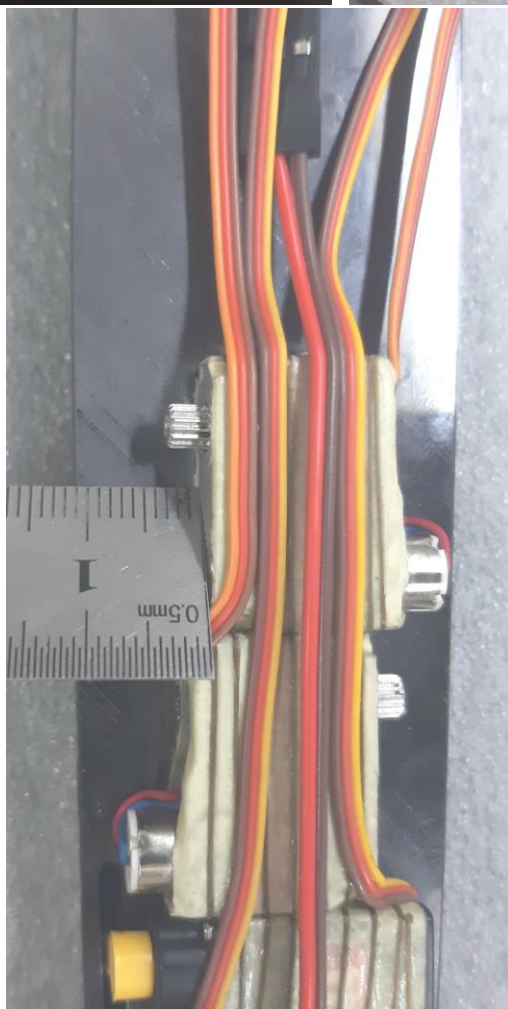
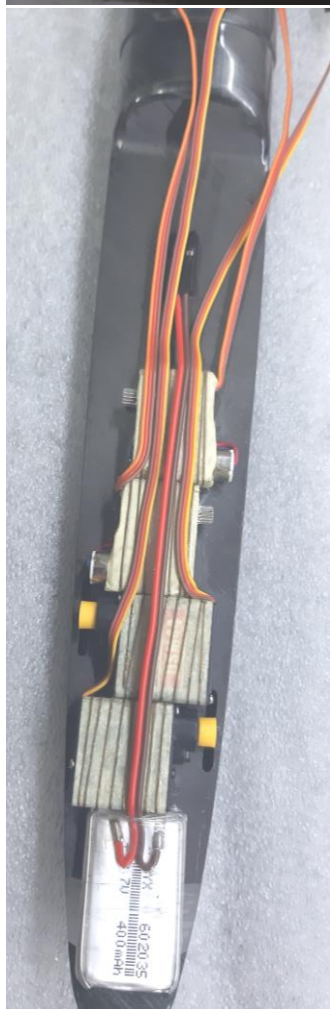
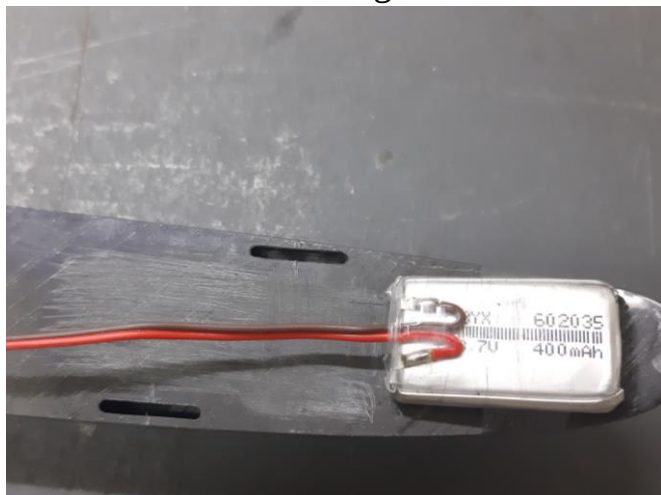


Cut servos control horns. Center distance should be about 7-8 mm.

Expand holes close to the wall of fuselage with the file.

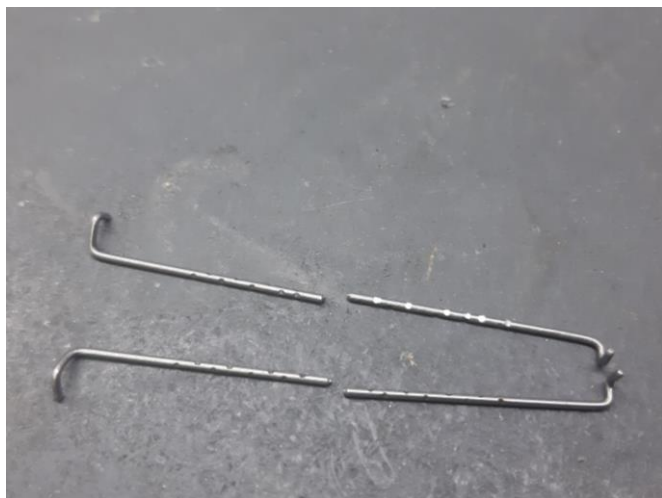


Make a holes for tail servos horns with a file or Dremel. Holes dimensions 2*16mm. Distance from left and right sides 2mm. Glue servos like on photos.



File out steel ends of ailerons rods and make scratches for better gluing.

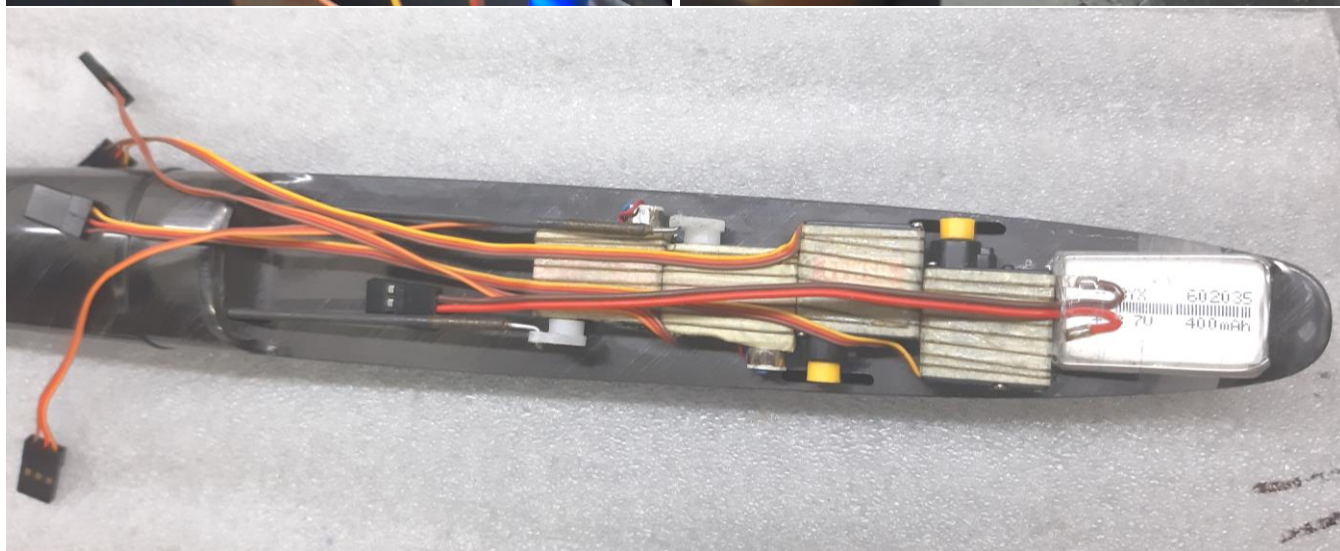
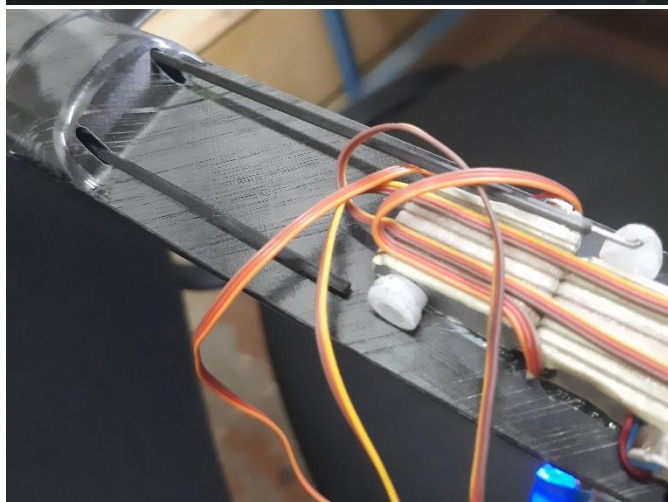
Split end of carbon tube insert steel rod (aileron side first), fill with glue and wrap it in aramid thread fast.

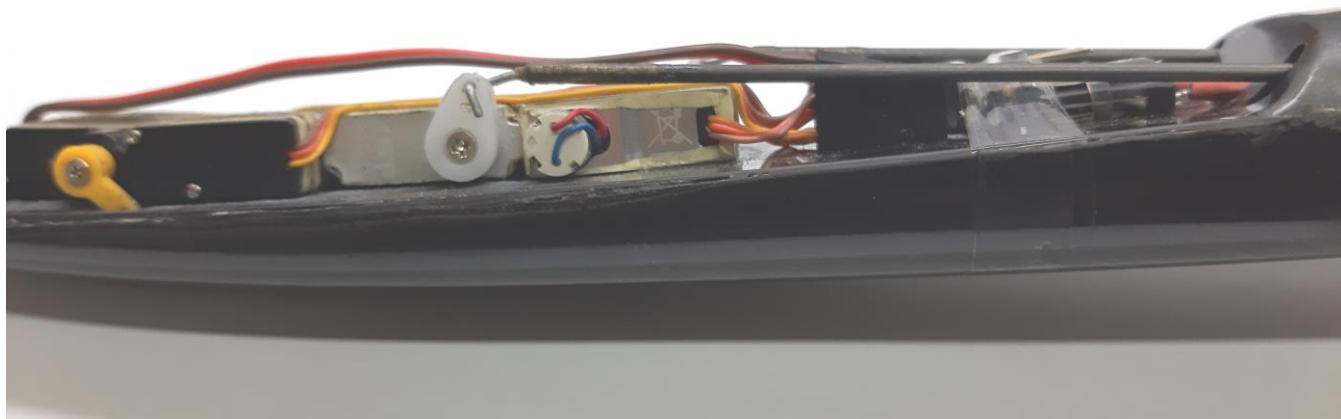


Make holes for aileron rods according to the pictures.



Connect rods to aileron horns, screw up wing to fuselage and glue forward ends of rods. Servos should be in zero position and ailerons 15 mm down.





Tail linkage

Fix wire on tail horns with the crimping tubes.

For stabilizer removing make a loop with 50-80mm spread or wire for easy assembling.

Set neutral position of tail servos, rudder and elevator.

Glue a piece of steel rod to end of tail wire and lie it into fuselage with a magnet



Settings and flight modes

All settings have advisory character and depends of your piloting style

Settings can be changed because of just a little deviation of CG position
and weather

All models should be carefully checked and trimmed before full launch

CG	72-76
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elevator	+	-
	10	8

rudder	+	-
	15	15

ailerons	+	-
	12	9

launch	ailerons	elevator
1	0	0.7 mm up
2	0.5 mm up	0.5 mm down

speed	ailerons	elevator
	0.5 mm up	0.5 mm down

normal	ailerons	elevator
	0	0

thermal	ailerons	elevator
	6 mm down	1 mm down

brakes	ailerons	elevator
	50 mm down	6 mm down