



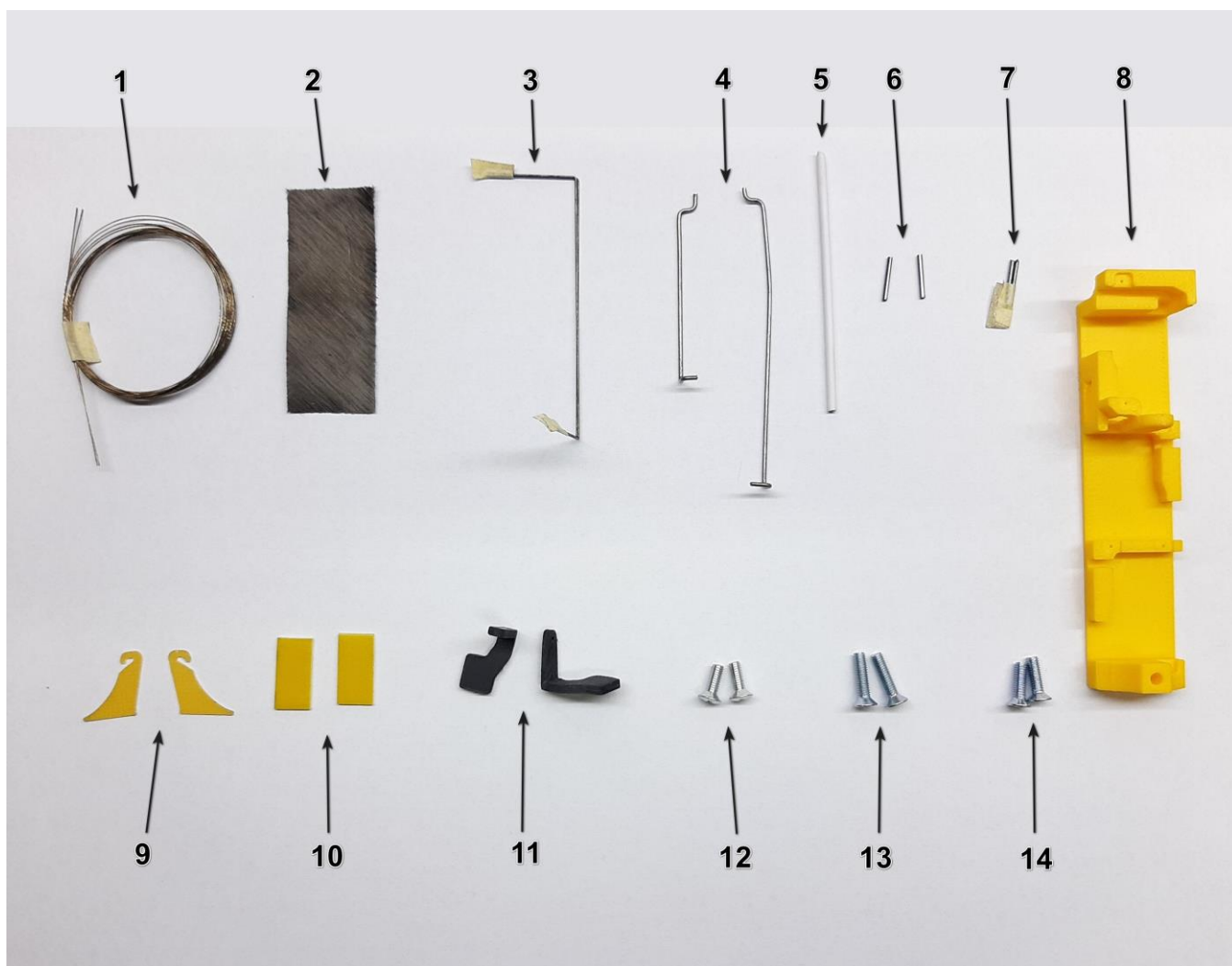
Kit components



Wing
Wing joiner
Fuselage with canopies

Fin
Stabilizer
Accessories

Accessories components



- | | |
|------------------------------------|---------------------------------------|
| 1- Tail rods | 11- Ailerons horns |
| 2- Reinforcement for ailerons axis | 12- Fin screw M3*8 (+1 spare) |
| 3- Tail torsions | 13- Front wing screw M3*12 (+1 spare) |
| 4- Aileron's rods | 14- Rear wing screw M3*10 (+1 spare) |
| 5- Tube for tail rods | |
| 6- Crimping tubes for tail rods | |
| 7- Ailerons axis | |
| 8- Servo tray | |
| 9- Tail horns | |
| 10- Aileron rod limiter | |

Recommended electronic components

- 1- Battery 2S 350-500 mAh
- 2- Servos KST X-08H*4
- 3- Receiver 6-8 channels
- 4- ESC 15-30 A
- 5- Motor 1806 M5 shaft (CW thread)

Tools and materials for assembling

- 1- Ruler
- 2- Files
- 3- Sand paper
- 4- Knife
- 5- Cyanoacrylate
- 6- Epoxy

Tail assembling

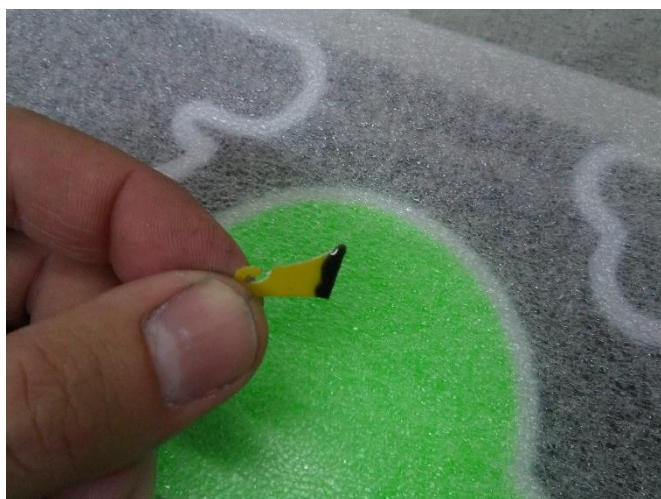
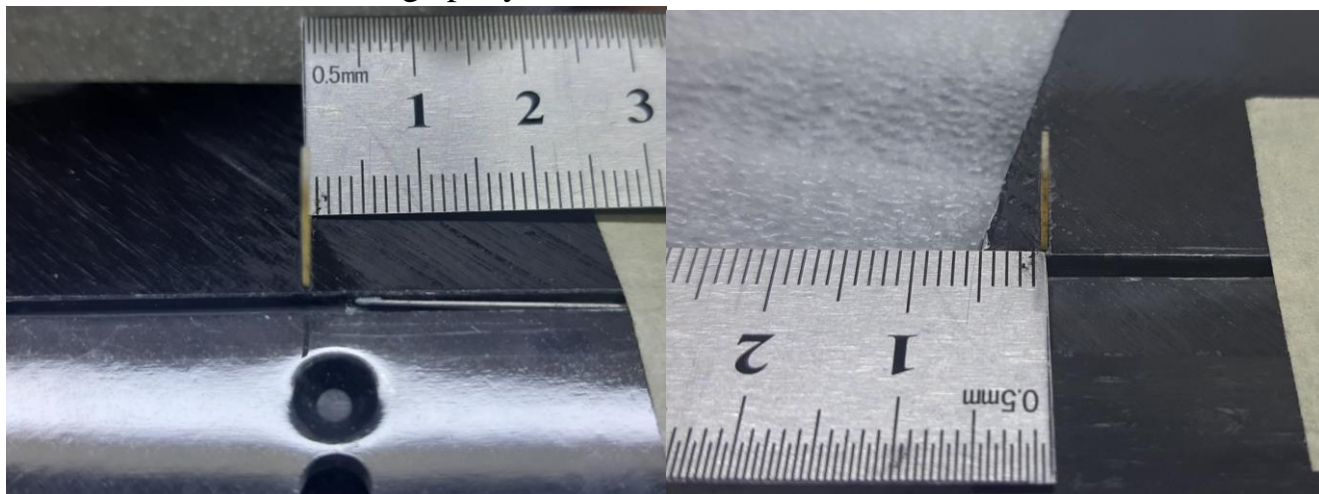
Cut the slots for the control horns with a knife according to the pictures.

In rudder on the right side 5mm from the bottom.

In elevator at the bottom side 2mm left from center.

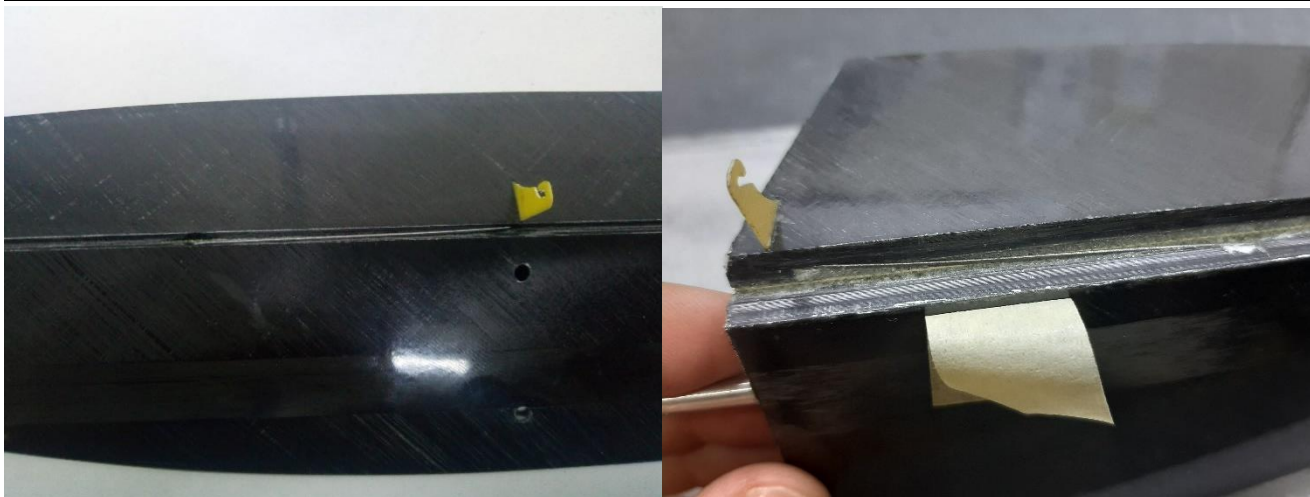
File out control horns before gluing.

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.



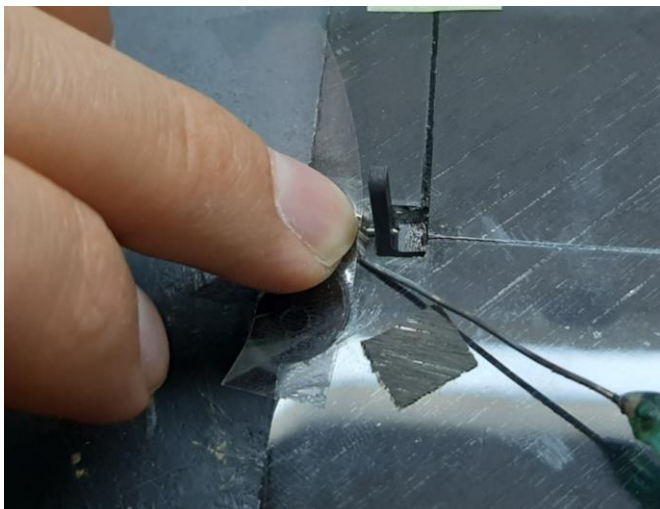
File out control horns axis and spot for axis gluing.
Paste in control horns using epoxy with filler.



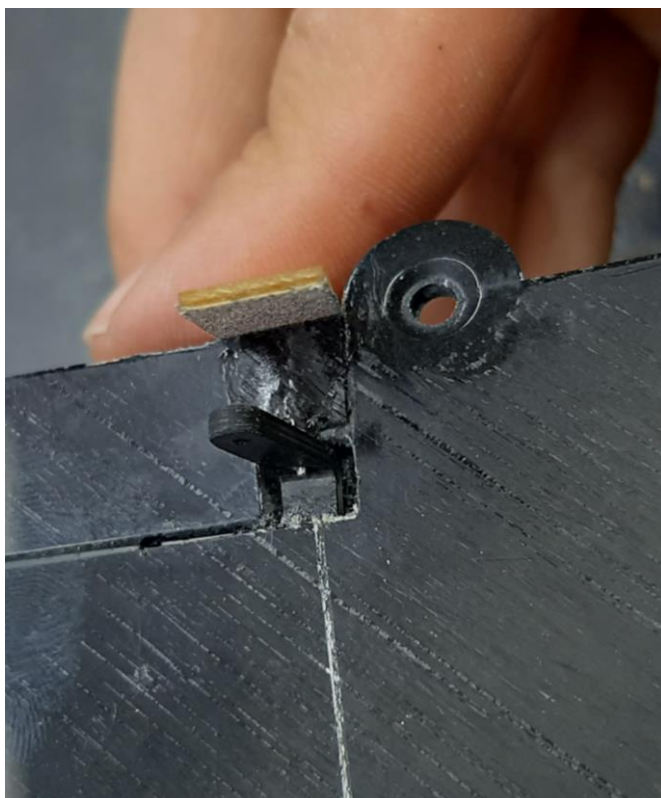
While epoxy is liquid press down axis to the slot in wing and fix it with CA.



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.



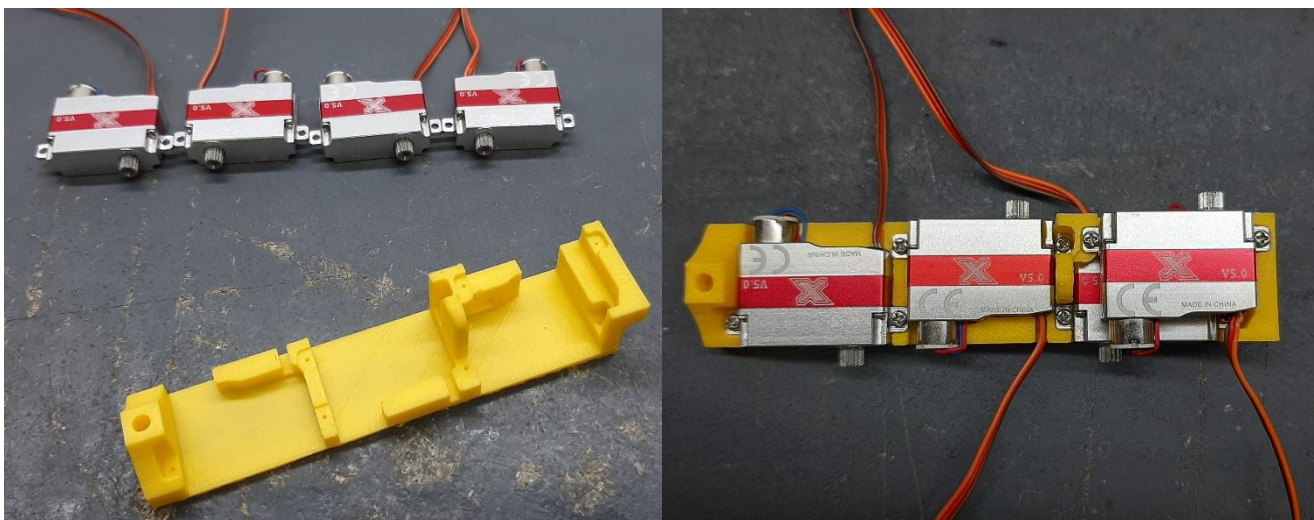
Servos installation

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

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

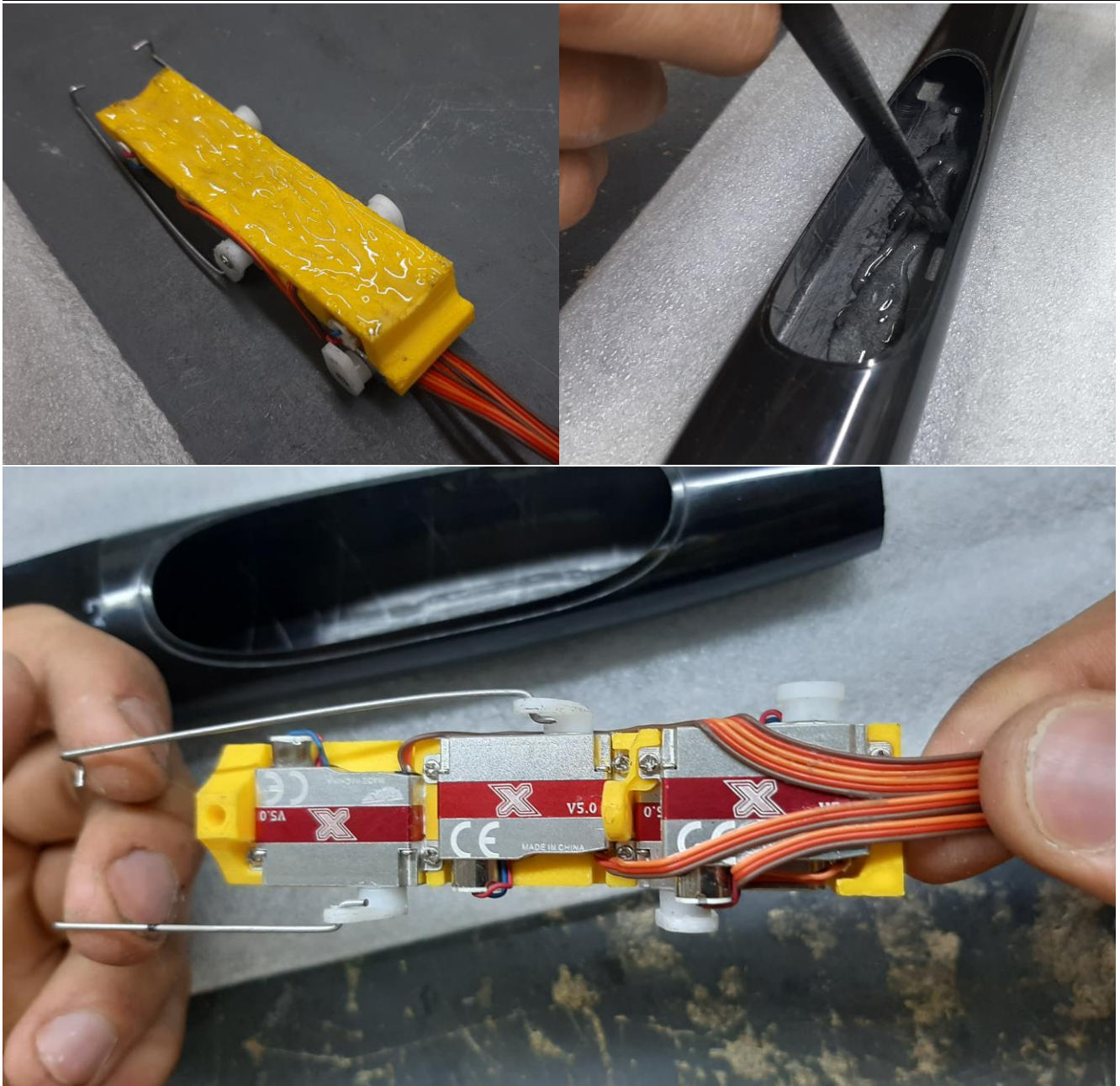


Screw up 4 KST x-08h servos to servo tray.

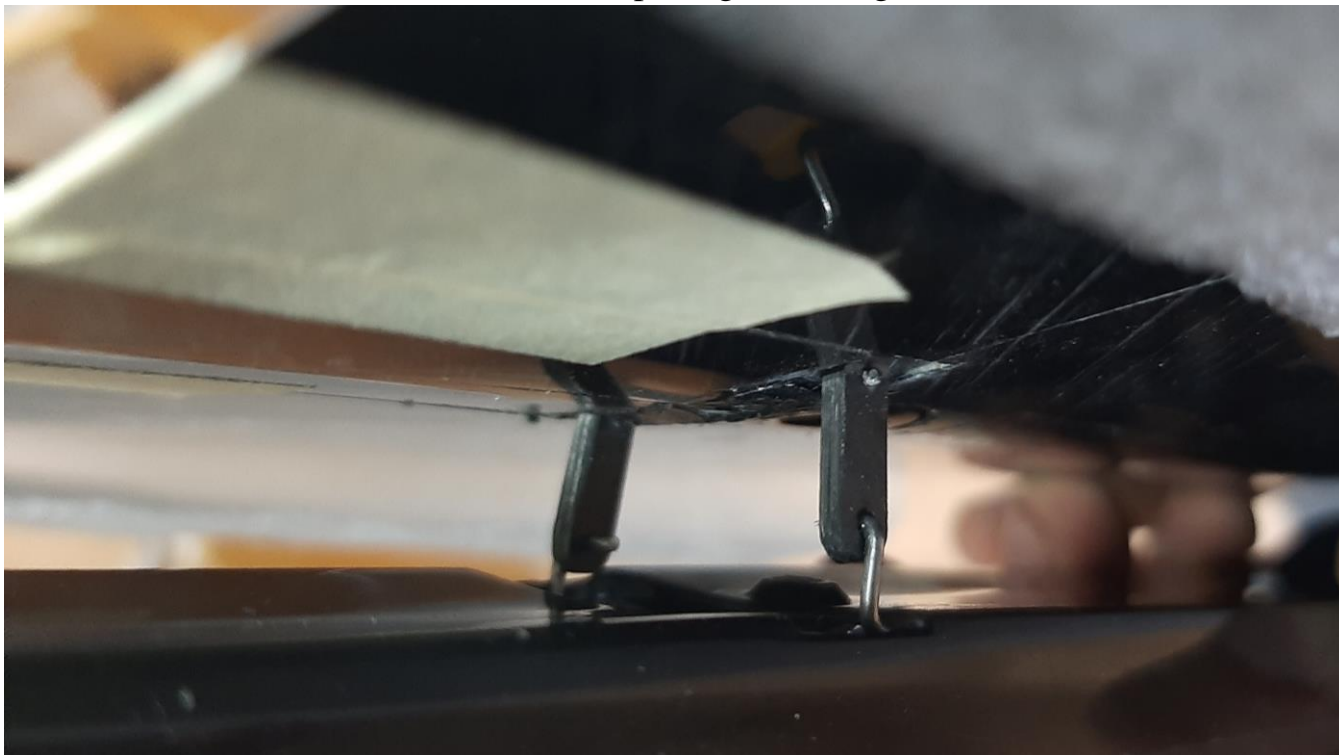


Smear servo tray and spot for servos inside fuselage with epoxy.

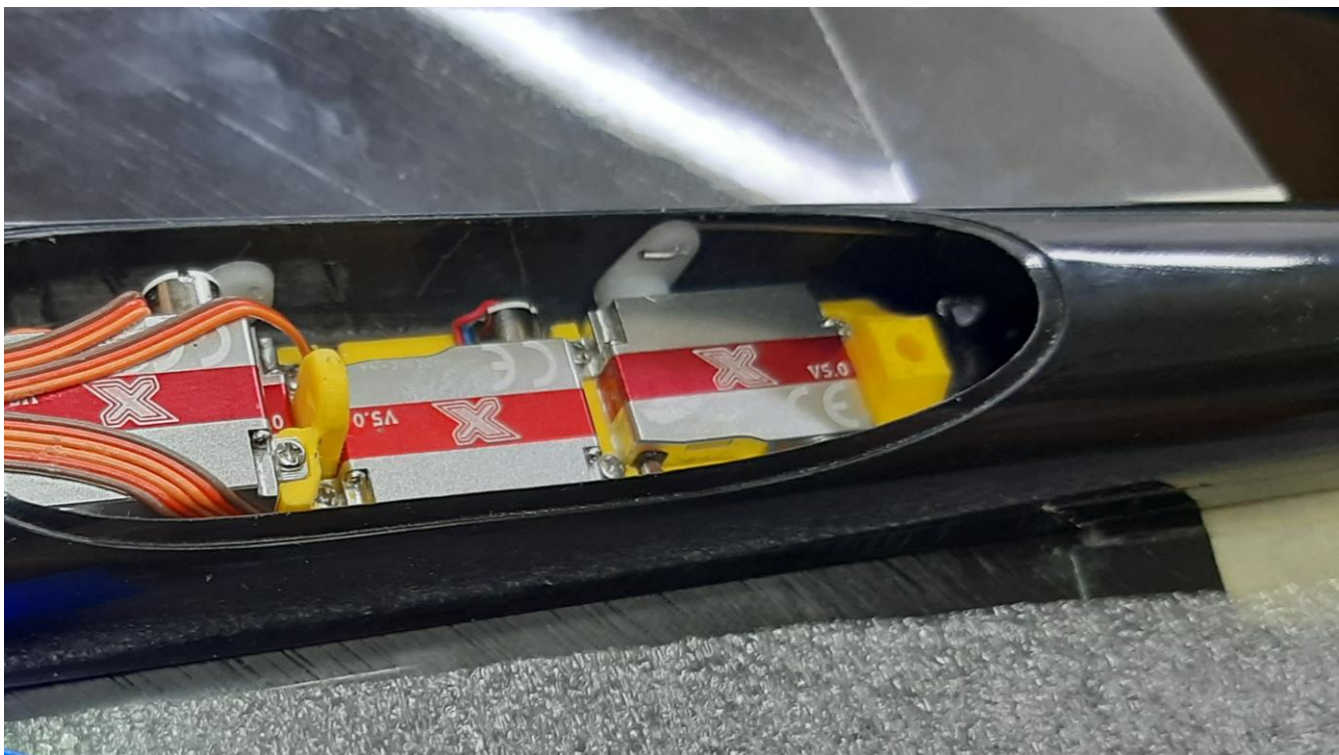
Insert servo tray through the top hatch.



Connect rods to aileron horns and screw up wing to fuselage



Set ailerons in zero position and ailerons servos about 20 degrees back.



Fix servos with piece of foam and tape.



Rods should be protected from falling out from horns with fuselage wall. If rods can fall out from horns, you can glue Aileron rod limiter to the fuselage wall.

Tail linkage

Make a loop for tail horns at the wires. Stabilizer loop should be very tight because of not a lot of free space inside tail boom.



Make a hole for rudder wire at the middle line at the right side of fuselage



Lay wires through fuselage.

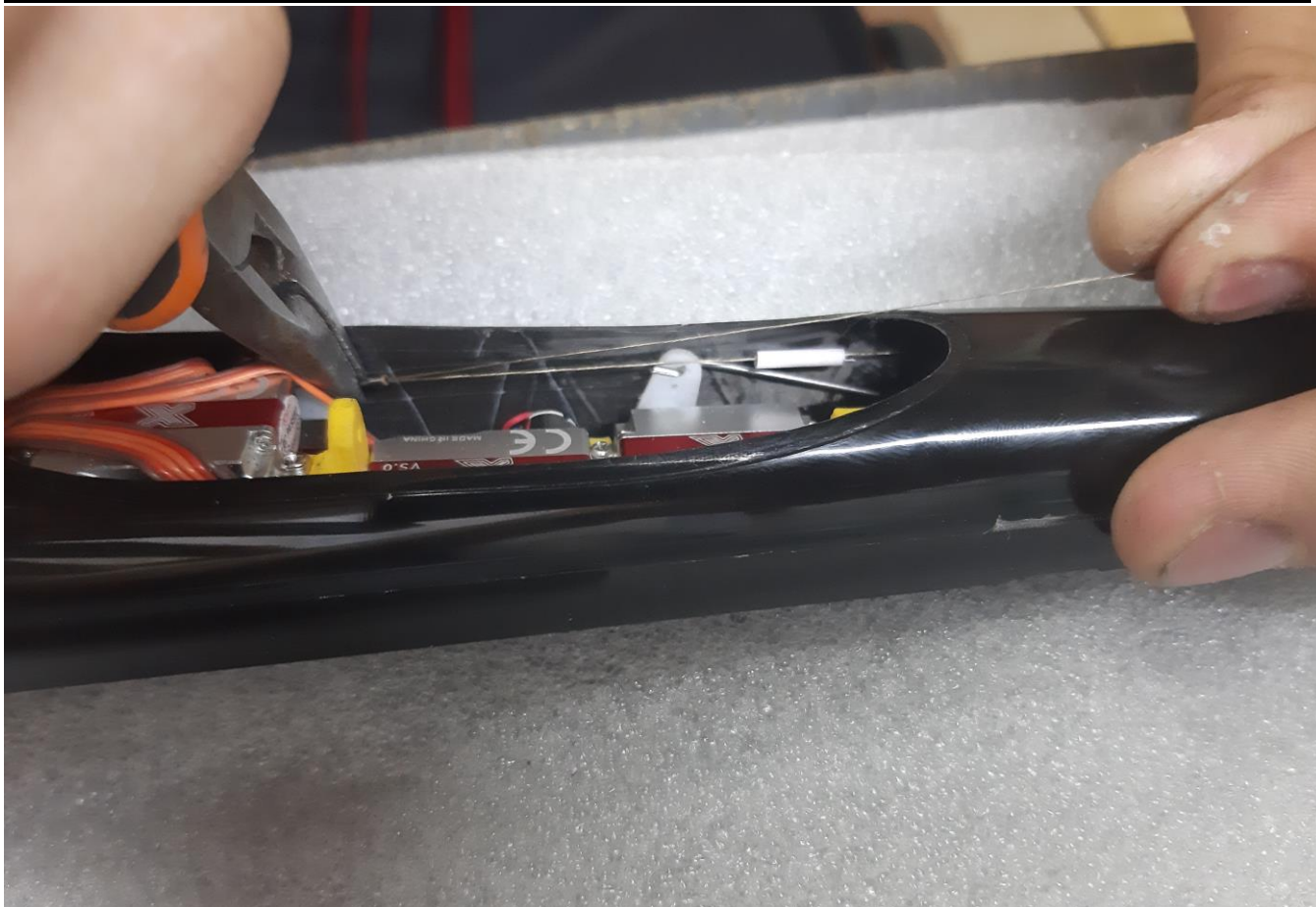
Set neutral position of tail servos, rudder and elevator.

Put on 20mm plastic tube to wire.

Crimp the crimping tube with pliers.

Fix plastic tube with CA.



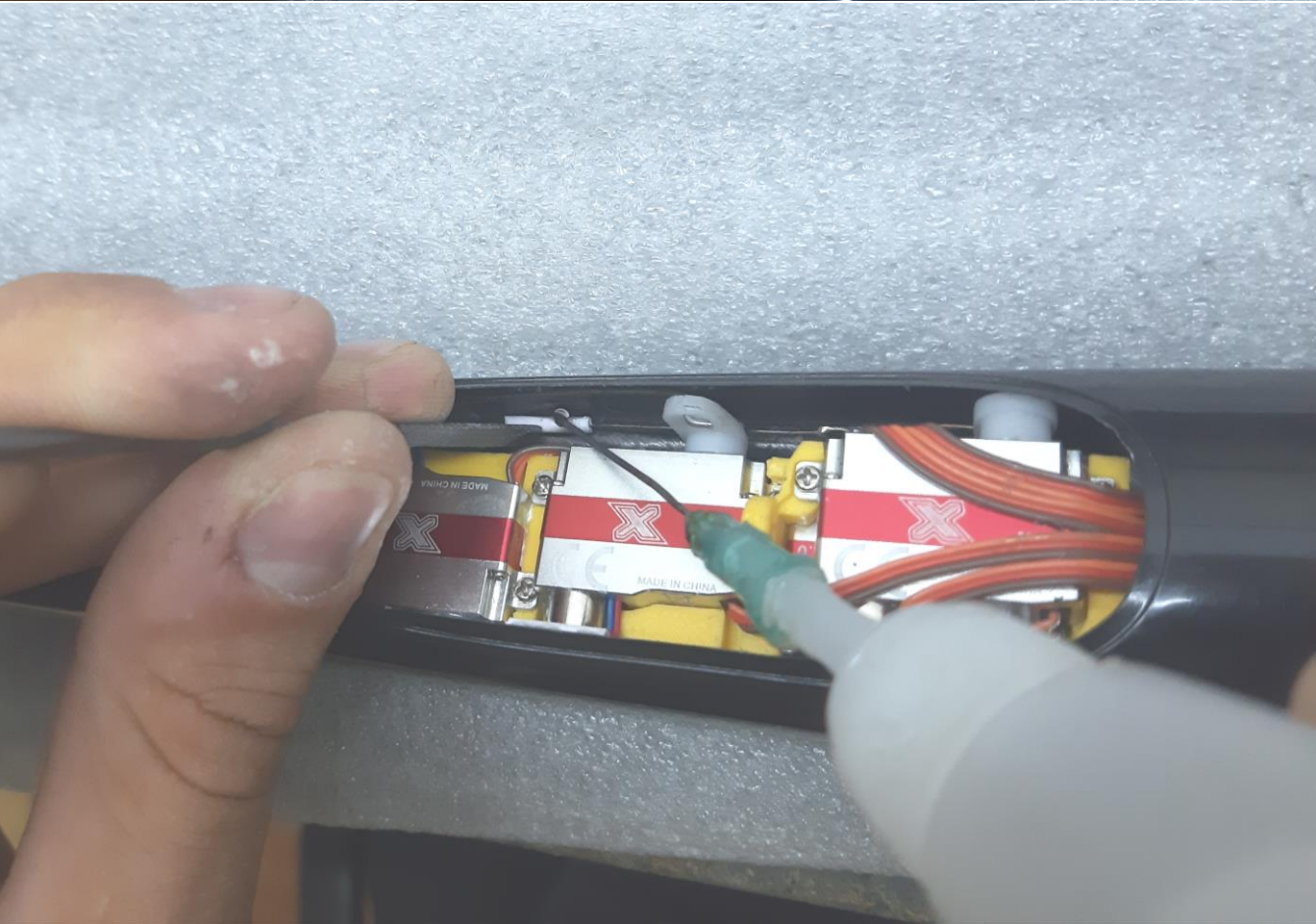


Repeat same operations for the second tail servo.

For ease crimping inside fuselage you can make longer loop, fix crimping tube and wire in zero position using CA, extract it from fuselage and crimp it.





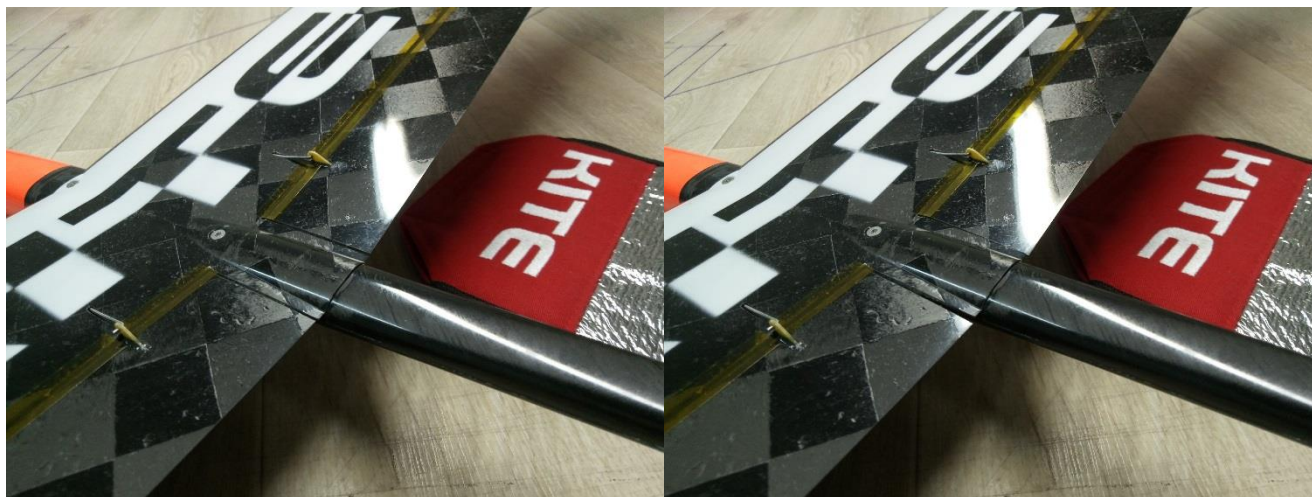


Settings and flight modes

Recommended CG position 72-76 mm from leading edge

Cruise - 0

Normal flight – 2mm down



Thermal – 4-9mm down

Brakes – maximum down

