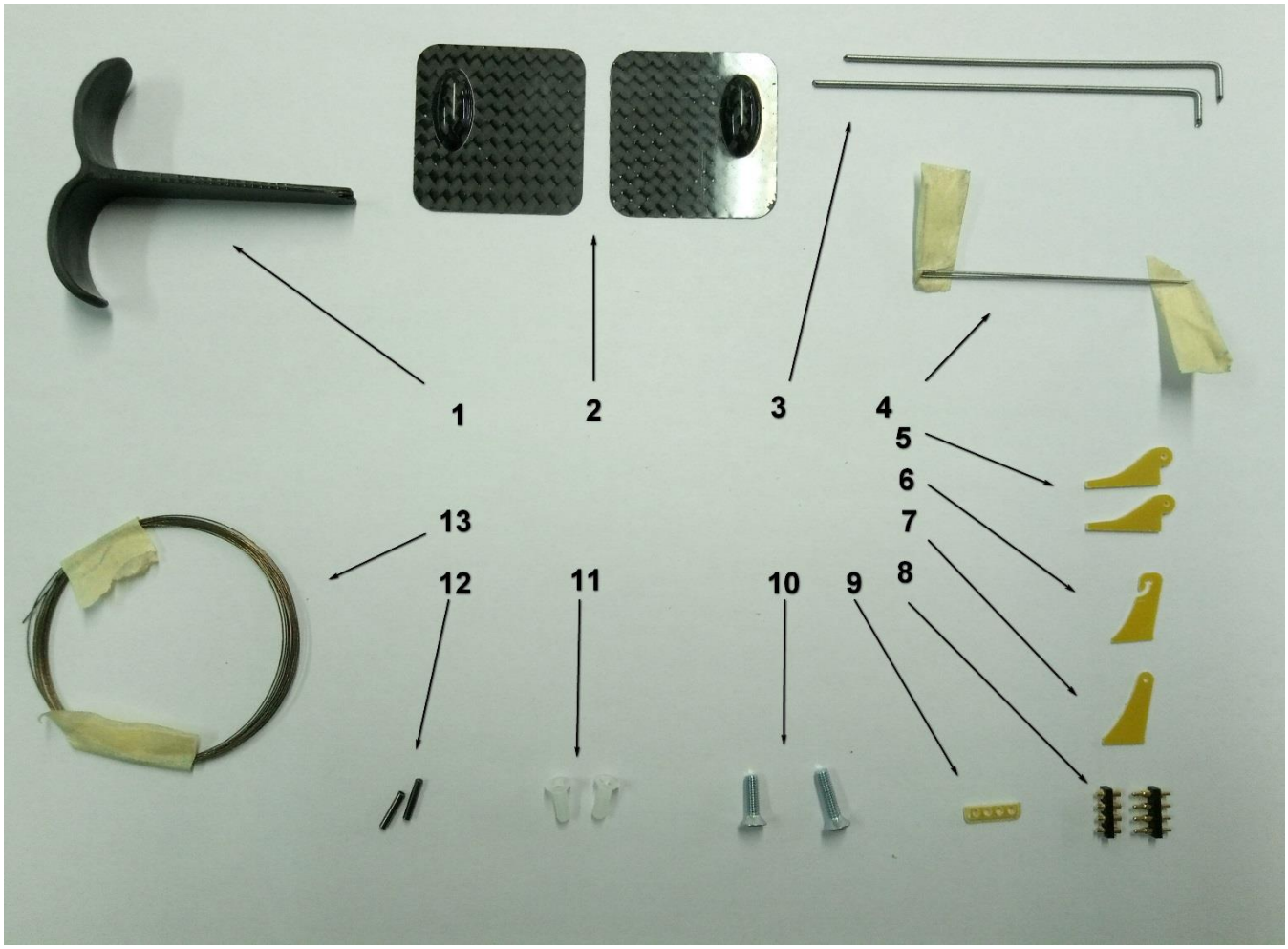
Kit components

1- Wing
2- Fuselage
3- Fin
4- Stabilizer
5- Rod tubes
6- Accessories

Accessories components



1- T-peg
2- Servo covers
3- Aileron's rods
4- Tail torsions
5- Aileron's horns
6- Stabilizer horn
7- Fin horn
8- Connector
9- Connector's mount for fuselage
10- Wing screws M3*10, M3*12
11- Tail screws M3*6
12- Crimping tubes for tail rods
13- Tail rods

Recommended electronic components

1- Battery 1S 250-350 mAh
2- KST X-08H *2 + Dymond D-47 *2 or
   KST X-08H *2 + KST X-08 *2
3- Receiver 4-8 channels
4- 400 mm servo wires 22 AWG

Tools and materials for assembling

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

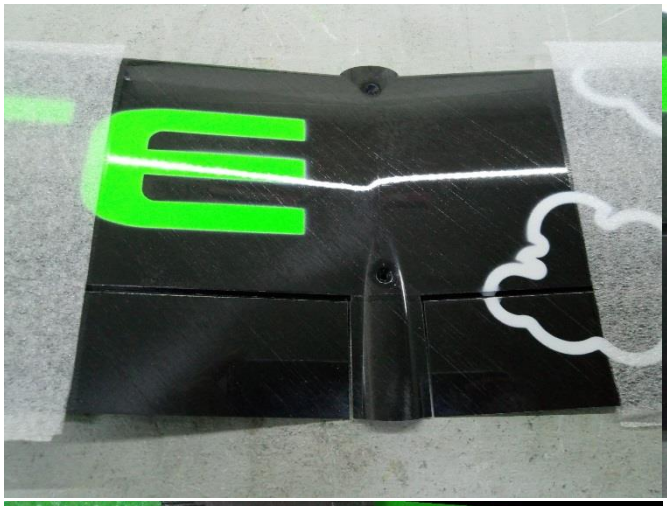
Mounting of control horns

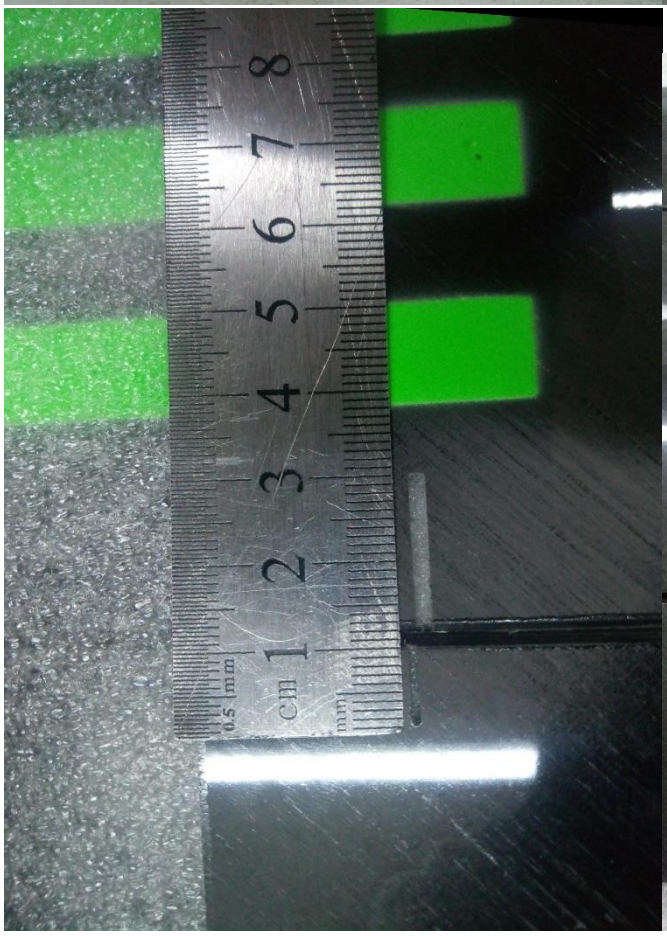
Cut the slots for the control horns and aileron rods with a knife according to the pictures.

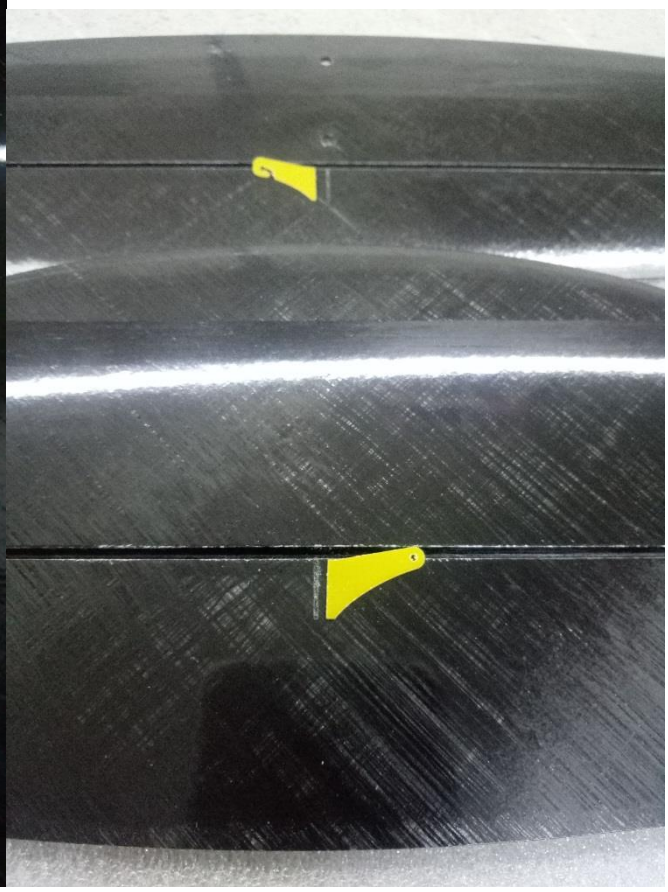
In rudder on the right side in the middle.

In elevator at the top side.

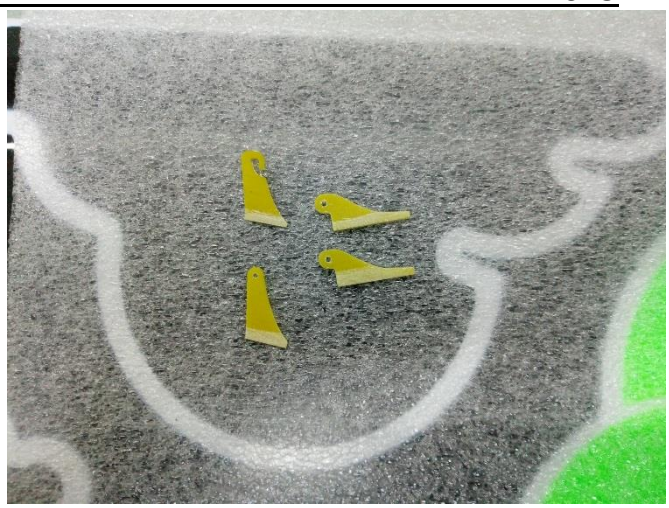
In ailerons at the distance of 50 mm from center of the wing.



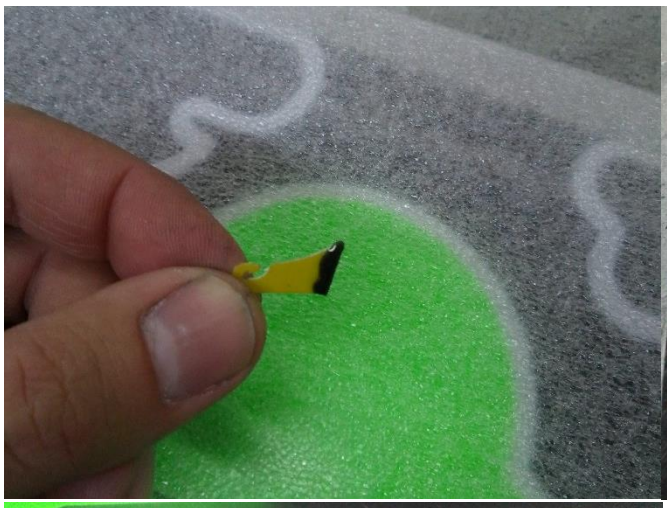


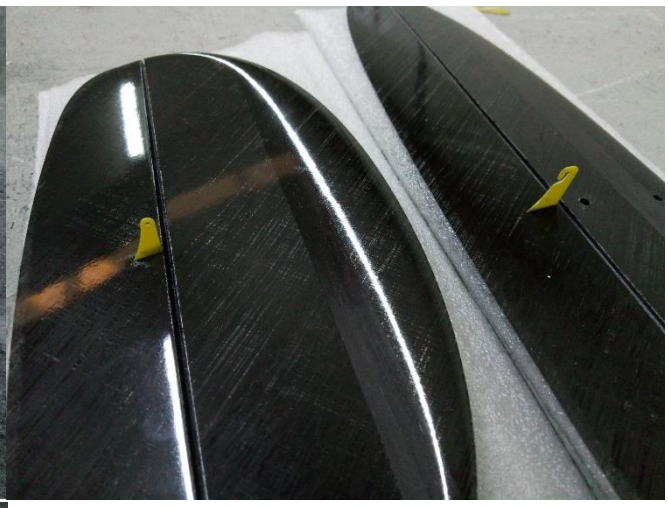


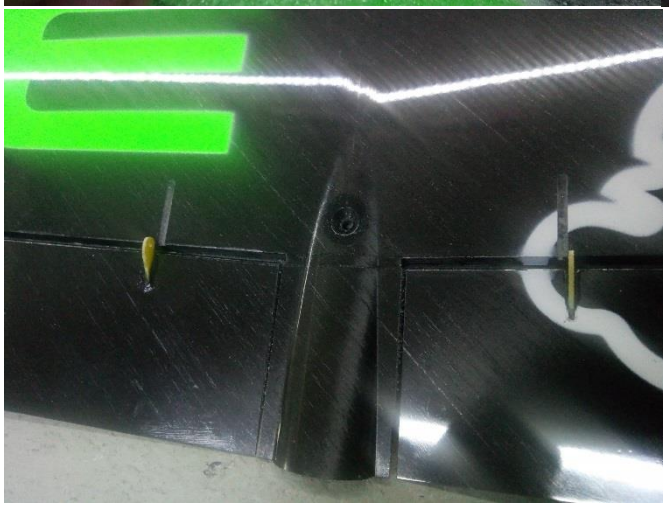
File out control horns before gluing.



Paste in control horns using epoxy.



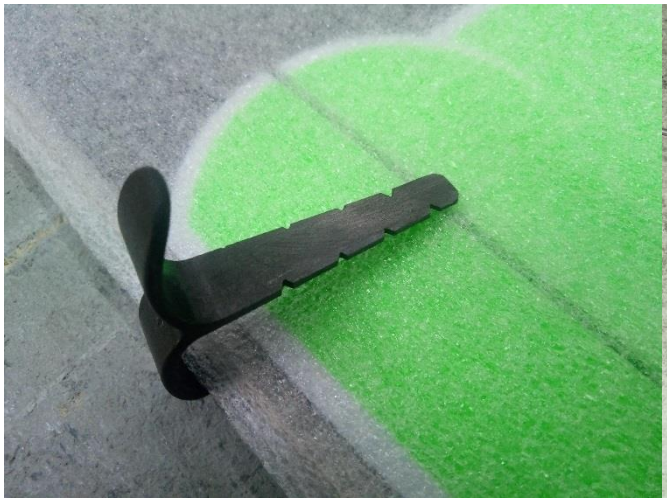




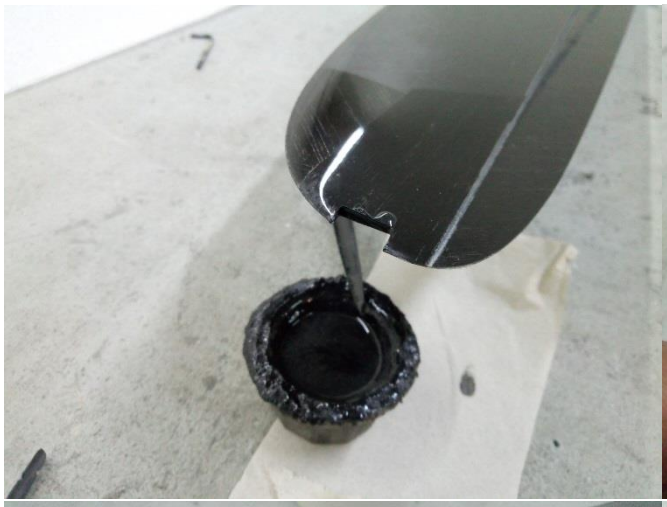
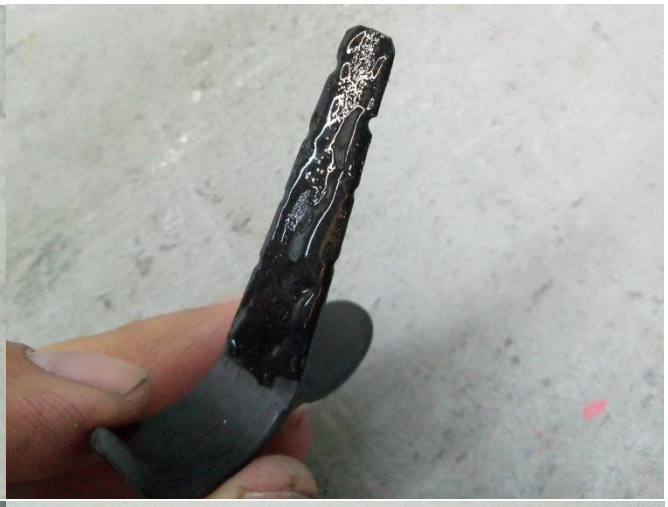
T-peg installation

Prepare t-peg for gluing using file

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

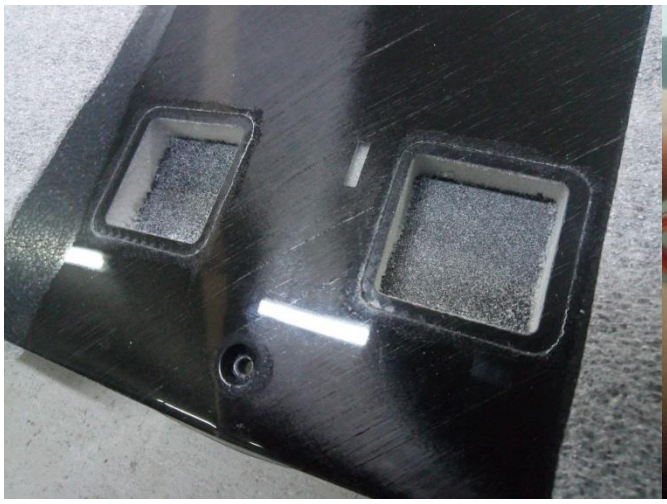
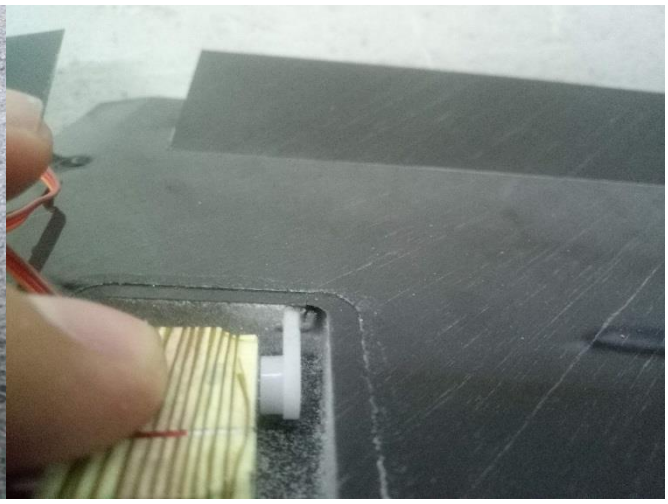



Fill slot with epoxy and paste t-peg

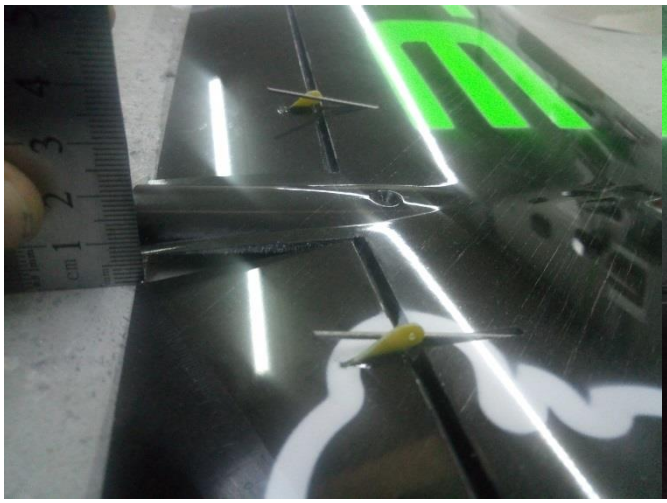
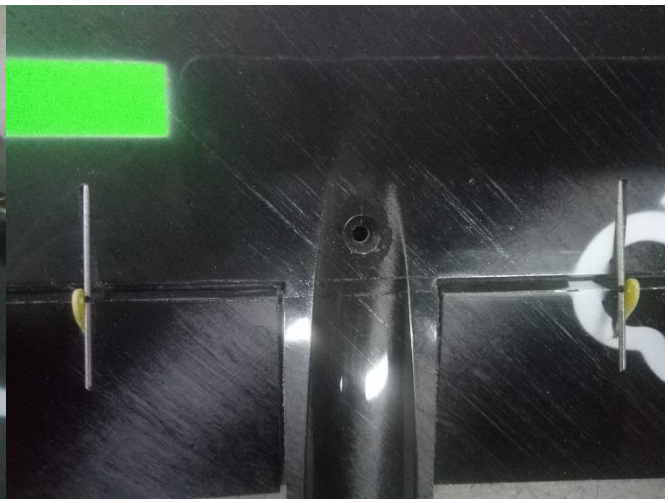
Servos installation

Clean pockets from foam

Mark hole position on aileron's rod, ailerons should be 8-9mm down and servos in zero position.

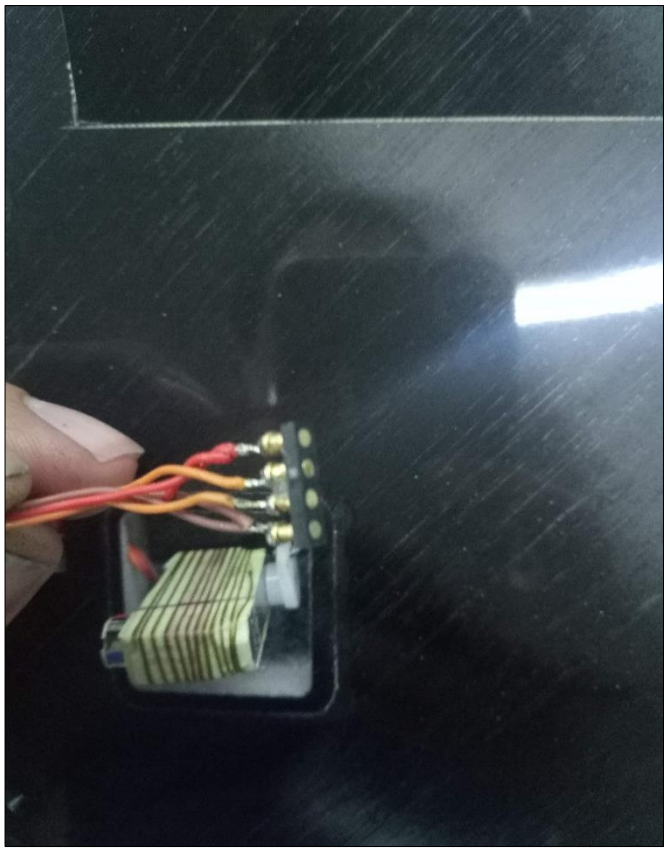
Bend the rod.

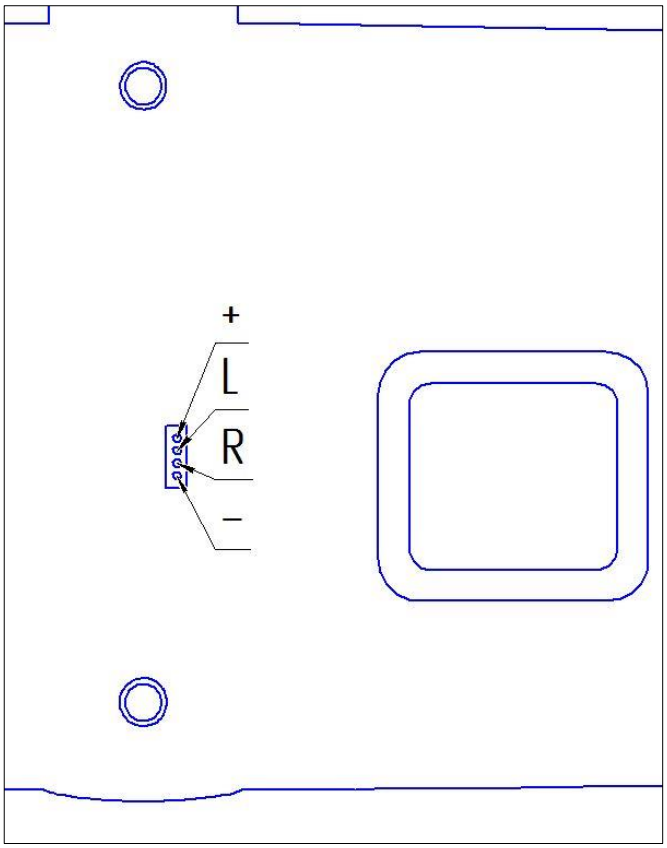



Soldering ailerons connector

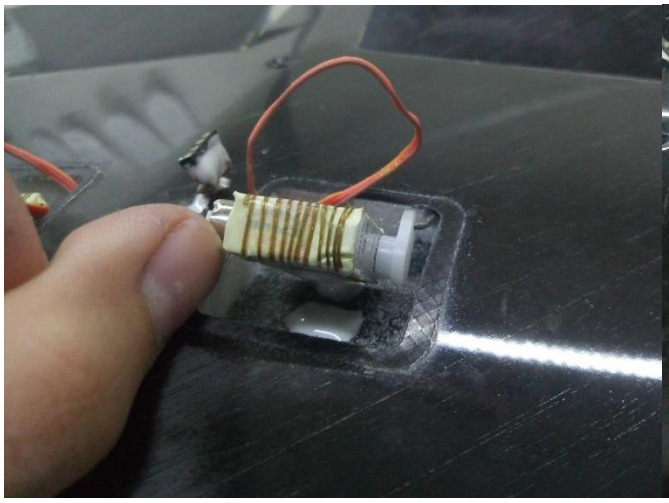
Make holes for wires in core from servos pockets to connector pocket.

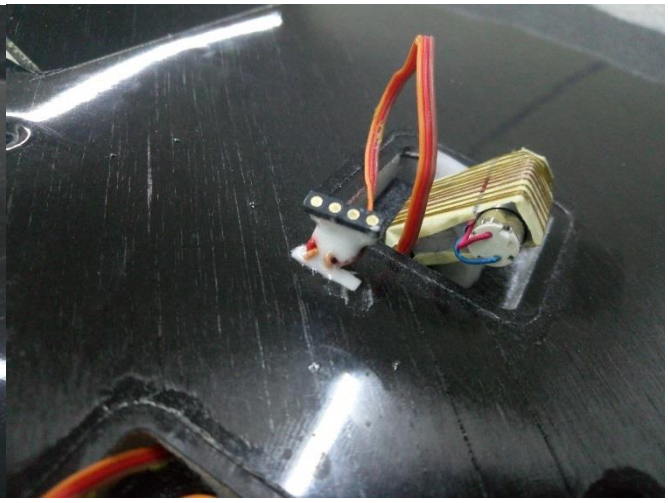
Cut original connectors (don't forget to setup zero position before) and lay the wires through holes to connector pocket. Make soldering like at the picture



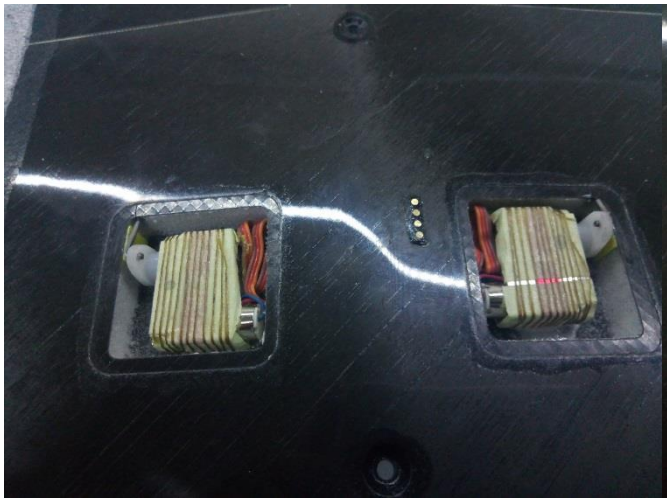
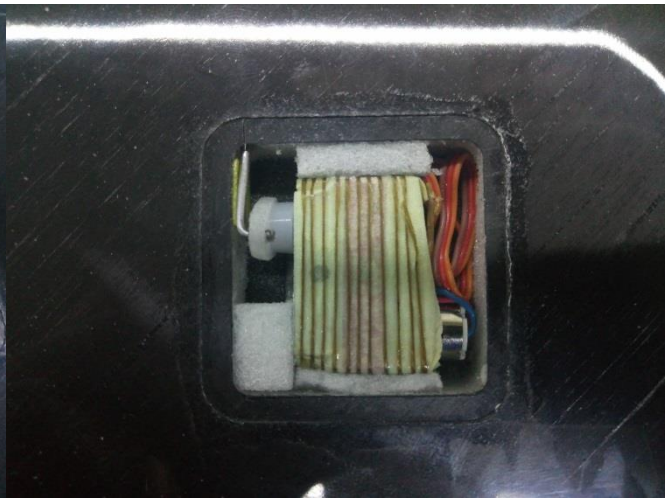


Glue servos and connector using epoxy with filler, keep ailerons 8-9mm down and servos in zero position

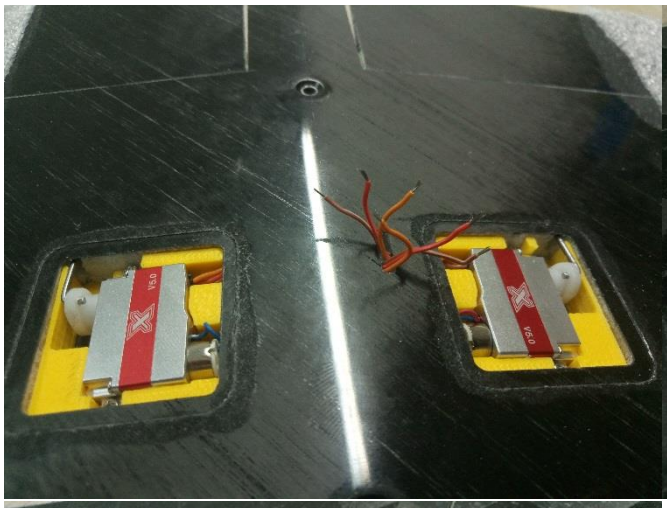




If you don’t use servo frame add foam or balsa for total servos fixing

If you use servo frames for KST X-08H glue it with epoxy to the pockets and fix servos with screws

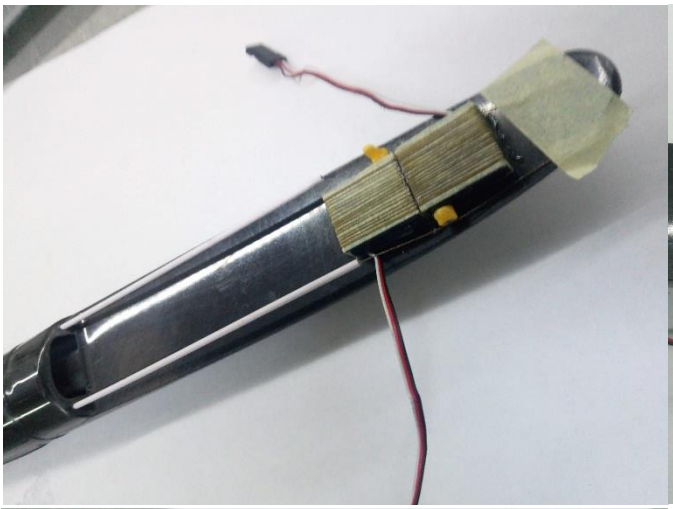


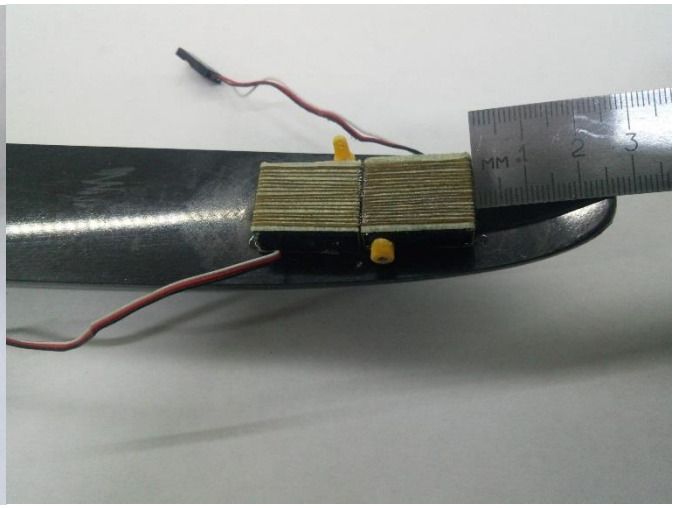
Fix servo covers with two-side tape

Fuselage assembling

Make holes for wires and tubes

Glue servos for tail with 26mm from forward of fuselage

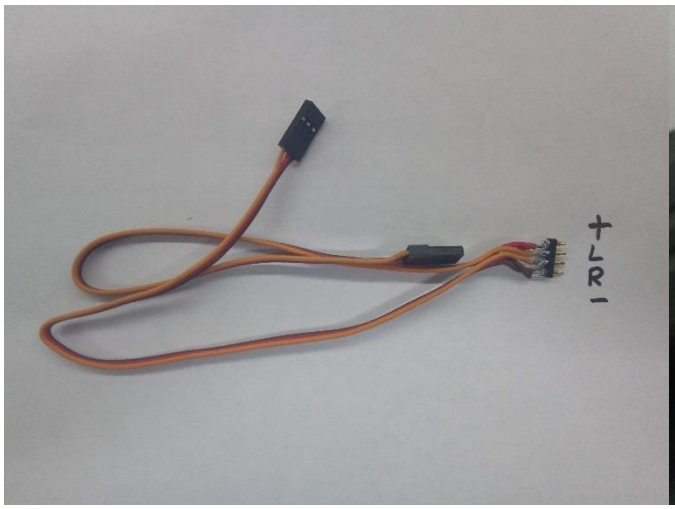


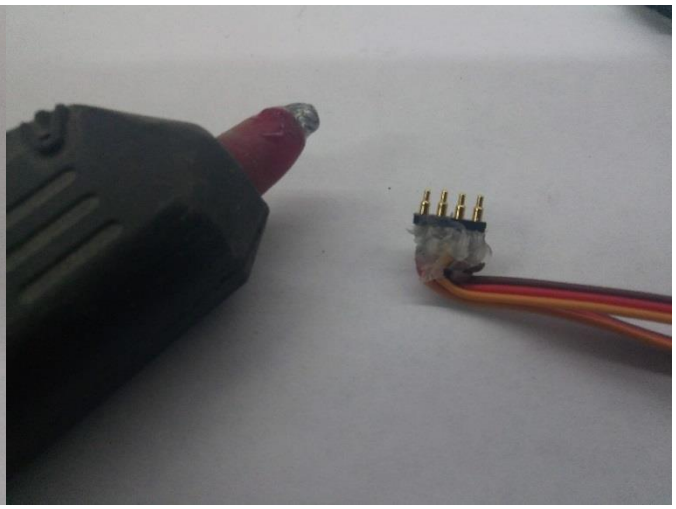


Lay rods through fuselage, put tubes on rods and glue them in holes of fuselage.

Fix rods with tape temporary.

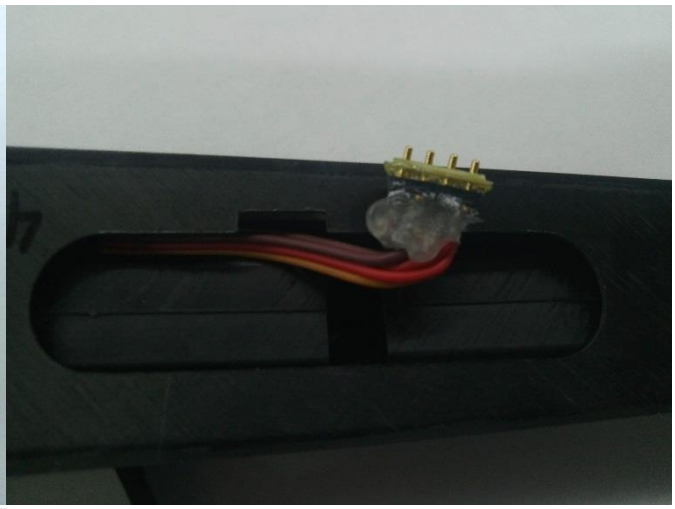
Make extension with 2*200mm wires for servos





Lay extension into fuselage.

Glue mount part to connector, keep movable parts from glue!



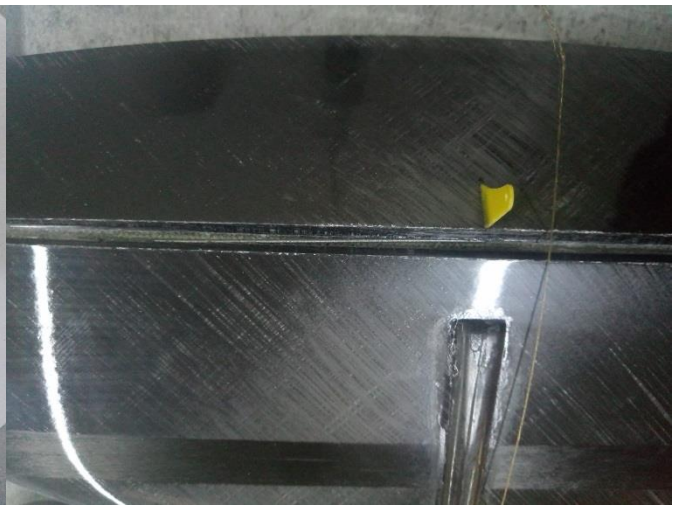
Set connector into fuselage and check contact with wing. Make corrections with slot for connector with file if it needs.

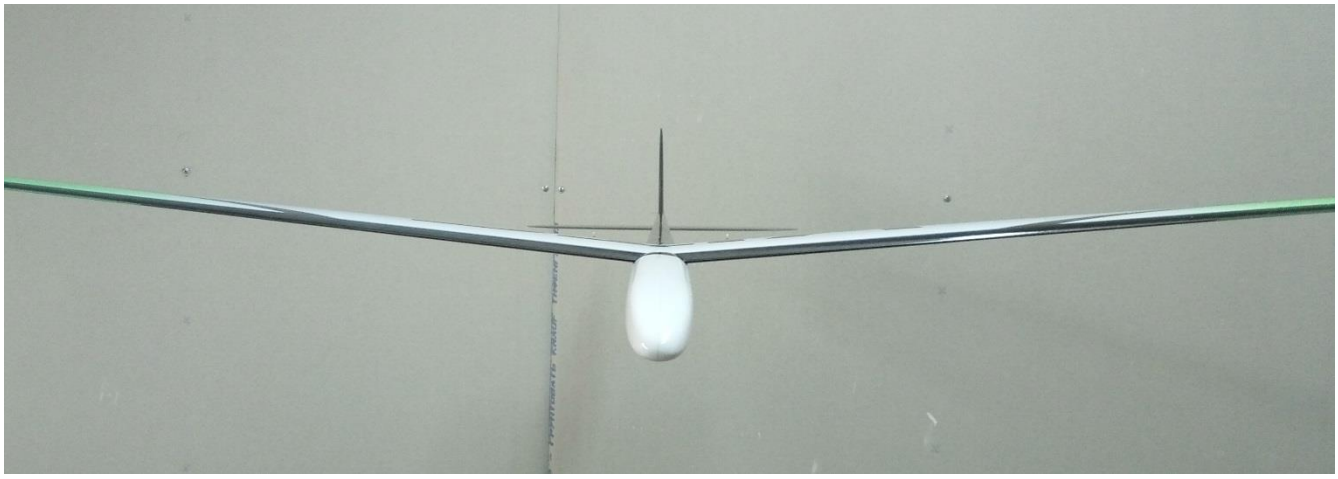
Glue connector's mount part to fuselage.

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

File out place for tail boom on fin surface

Insert fin into slot in tail boom set it vertically and fix with cyanoacrylate

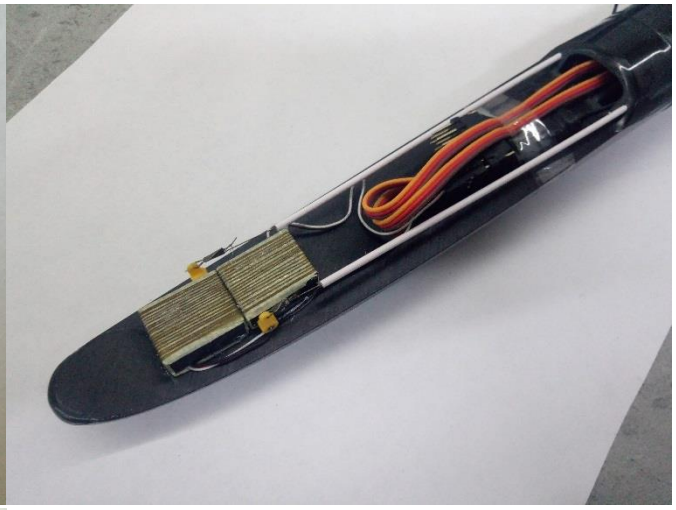


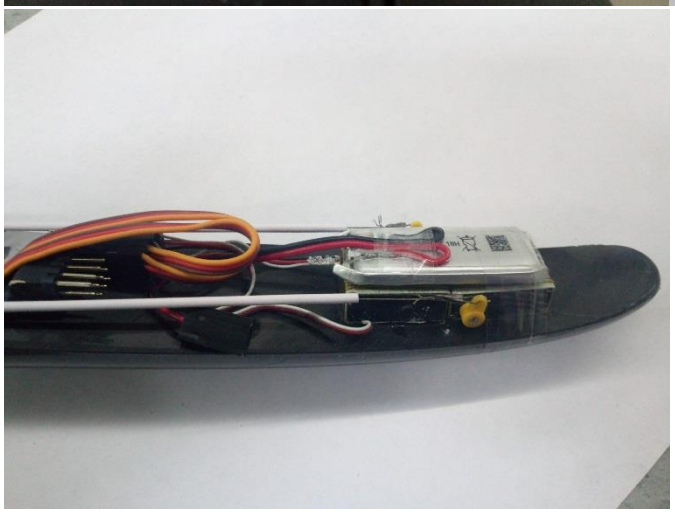


Set neutral position of tail servos, rudder and elevator.

Crimp tube on cable.

On the end of elevator cable add 50-80mm spread or cable for easy assembling





Settings and flight modes

Recommended CG position 74-78mm from leading edge

Launch mode – ailerons 1mm up

Cruise - 0

Normal flight – 2mm down

Thermal – 4-9mm down

Brakes – maximum down