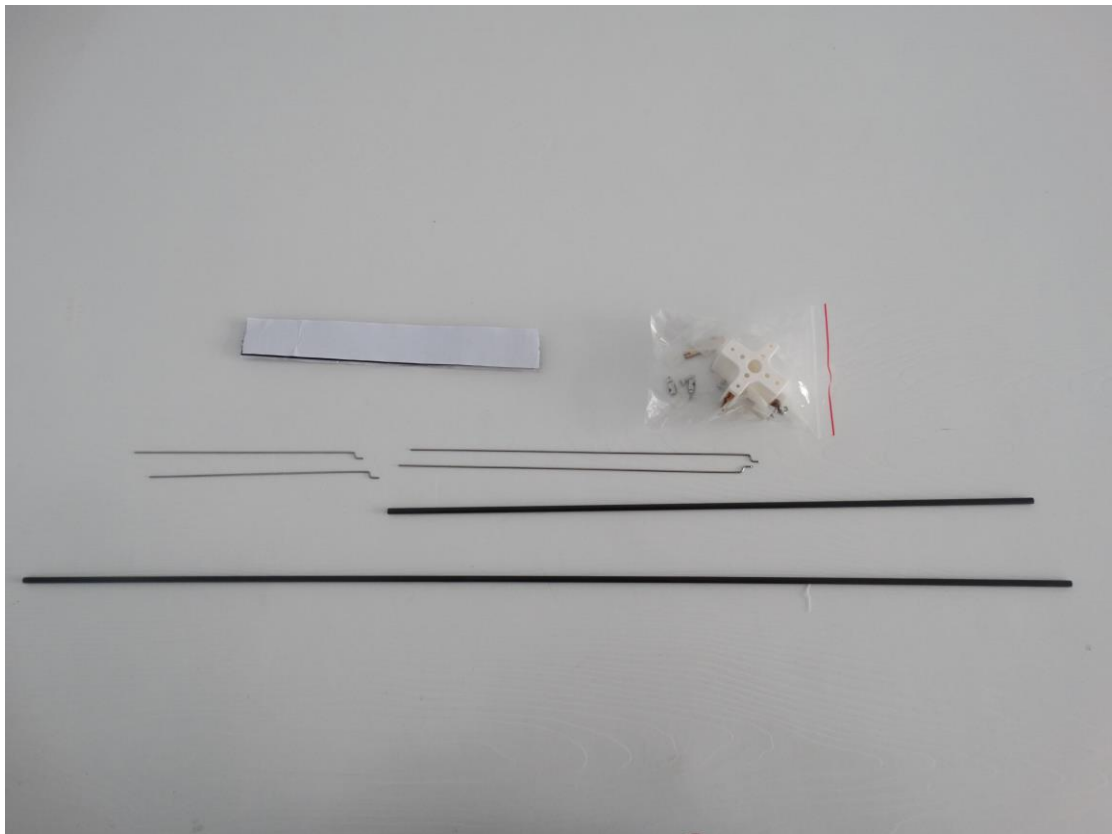


T50 Assembly Manual



Packing list:

- 1: PP T50 fuselage *1
- 2: Carbon tube 4*2*650mm*1
- 3: Carbon tube 4*3*650mm*1
- 4: Pull rod *4
- 4: Motor mount *1
- 5: Quick rod adjuster *4
- 6: Hinge*4
- 7: M3 screws*4
- 8: Hook and loop tape*1



Tools:

- 1: 1.5mm allen wrench
- 2: Phillips screwdriver
- 3: Modelling knife
- 4: Wire cutters
- 5: Hot melt glue gun and glue sticks
- 6: Foam Glue
- 7: No.502 glue

Electronic equipment:

Motor: 2208-2212-2216 1400KV-2600KV*1

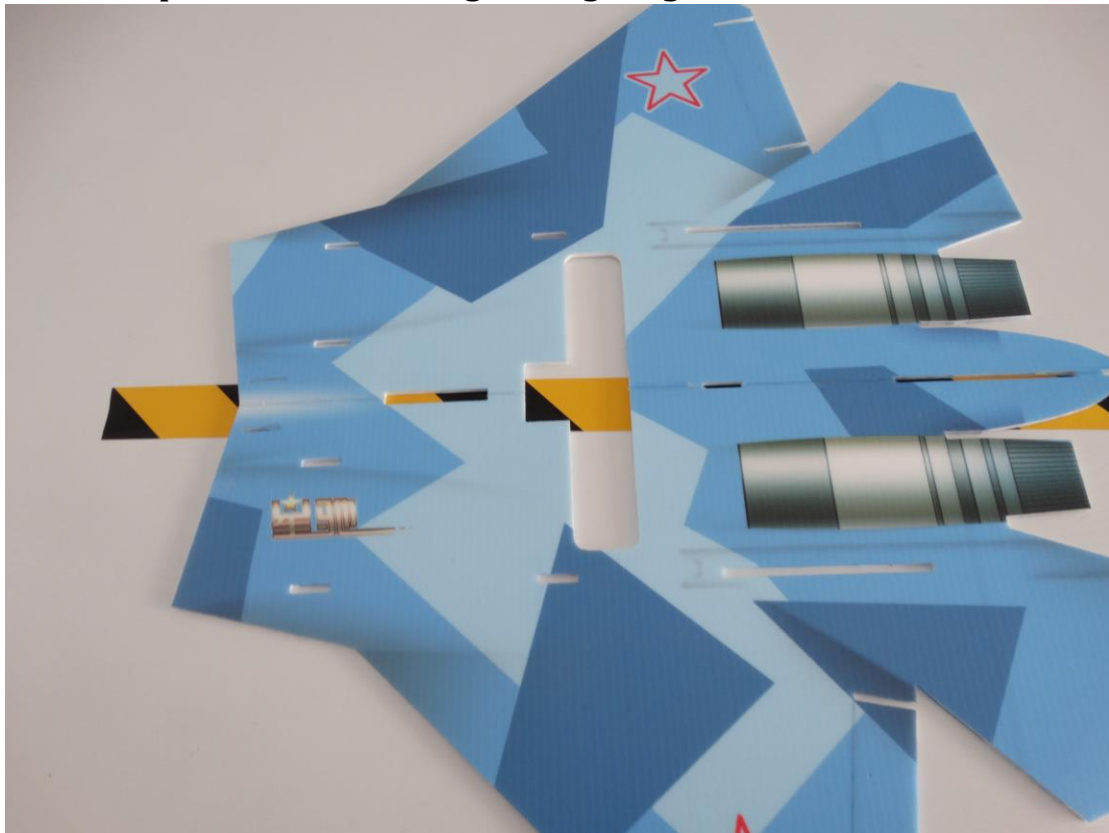
Prop: 5-8 inch *1

ESC: 20-40A*1

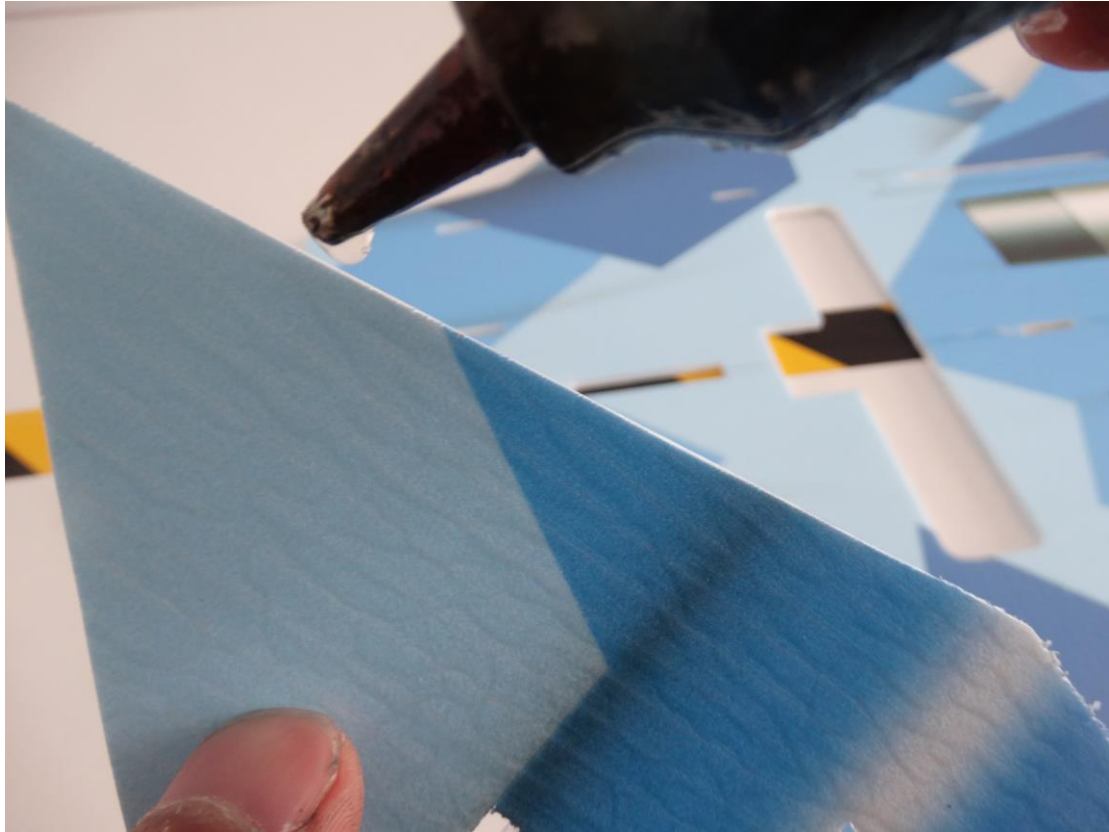
Servo: 8/9g *2

Battery: 1300-2200mah 3S *1

Glue the 2 pcs horizontal fuselages using hot glue sticks.



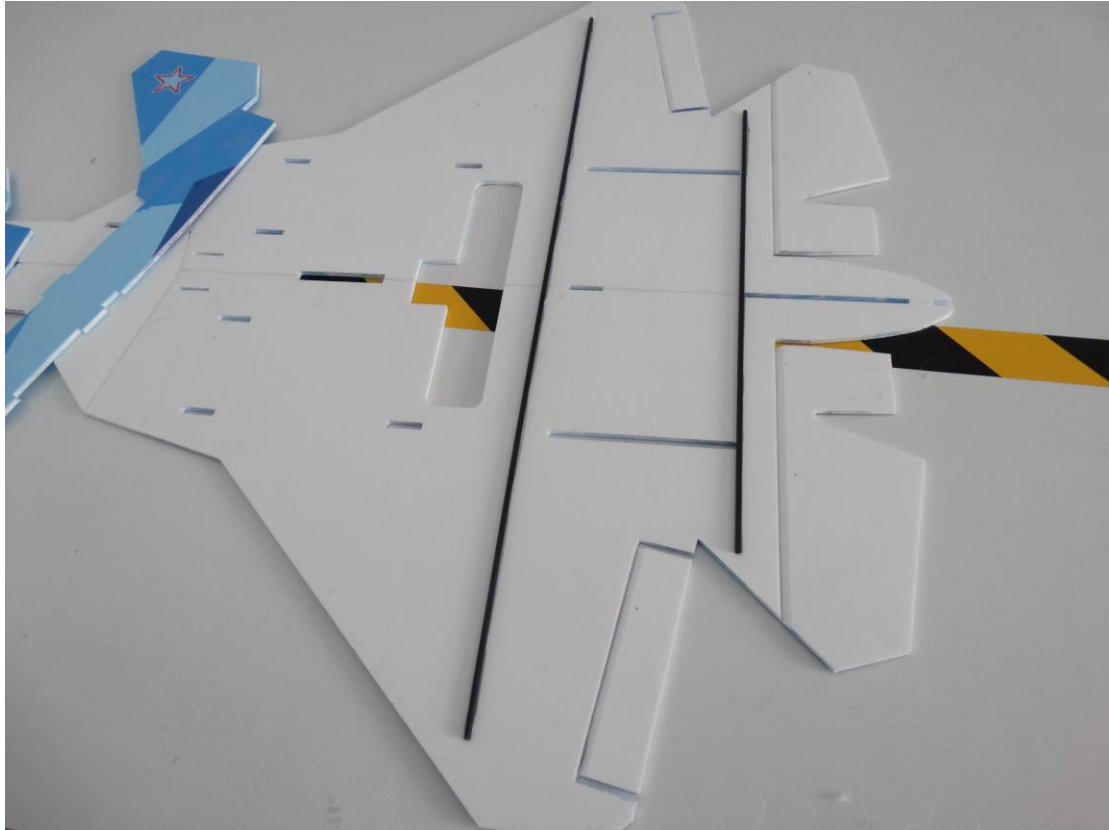
Glue the 2 pcs horizontal nose using hot glue sticks.



Assemble the nose and fuselage using hot glue sticks.



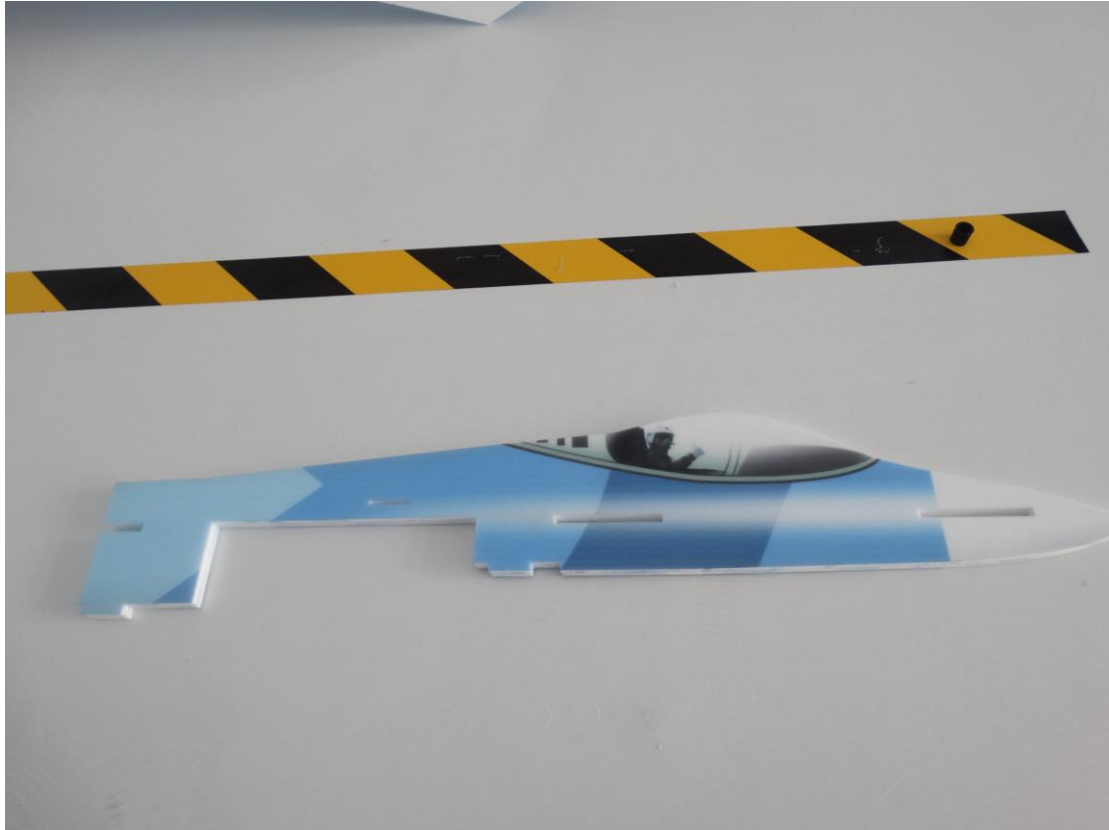
Glue the 2 pcs carbon tube on fuselage using hot glue sticks.



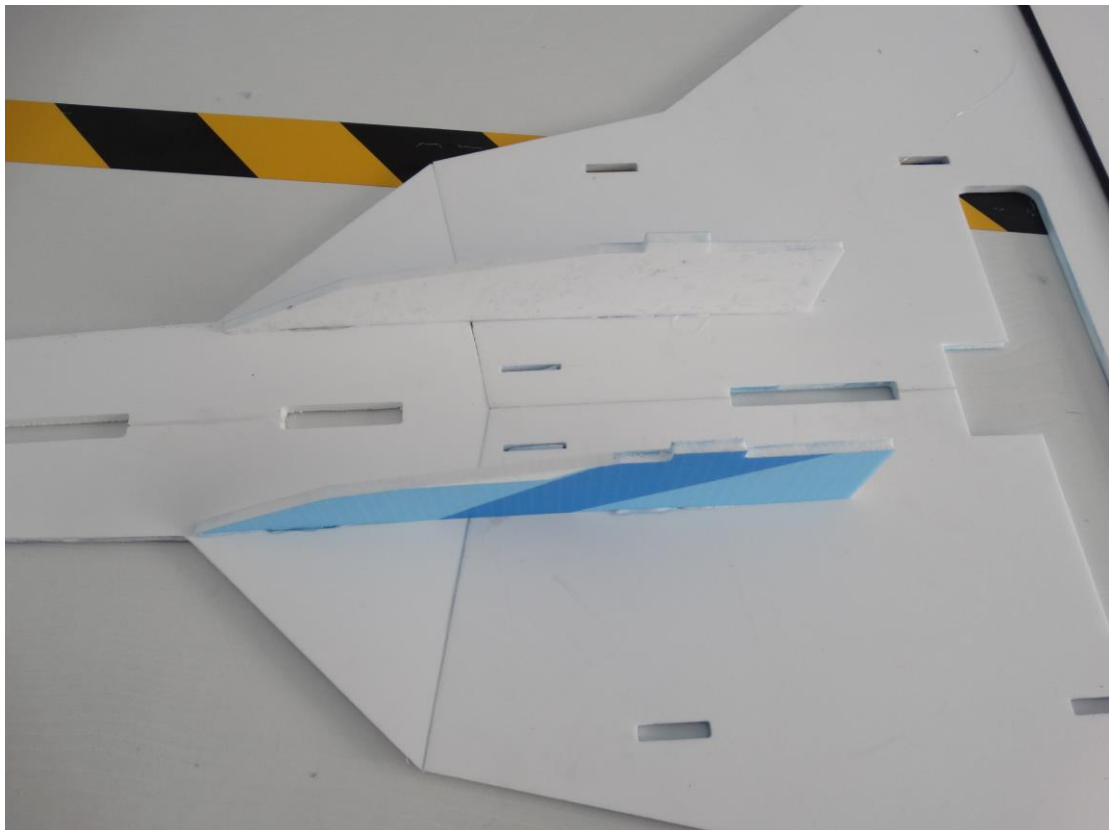
Applying foam glue on 2 pcs nose.



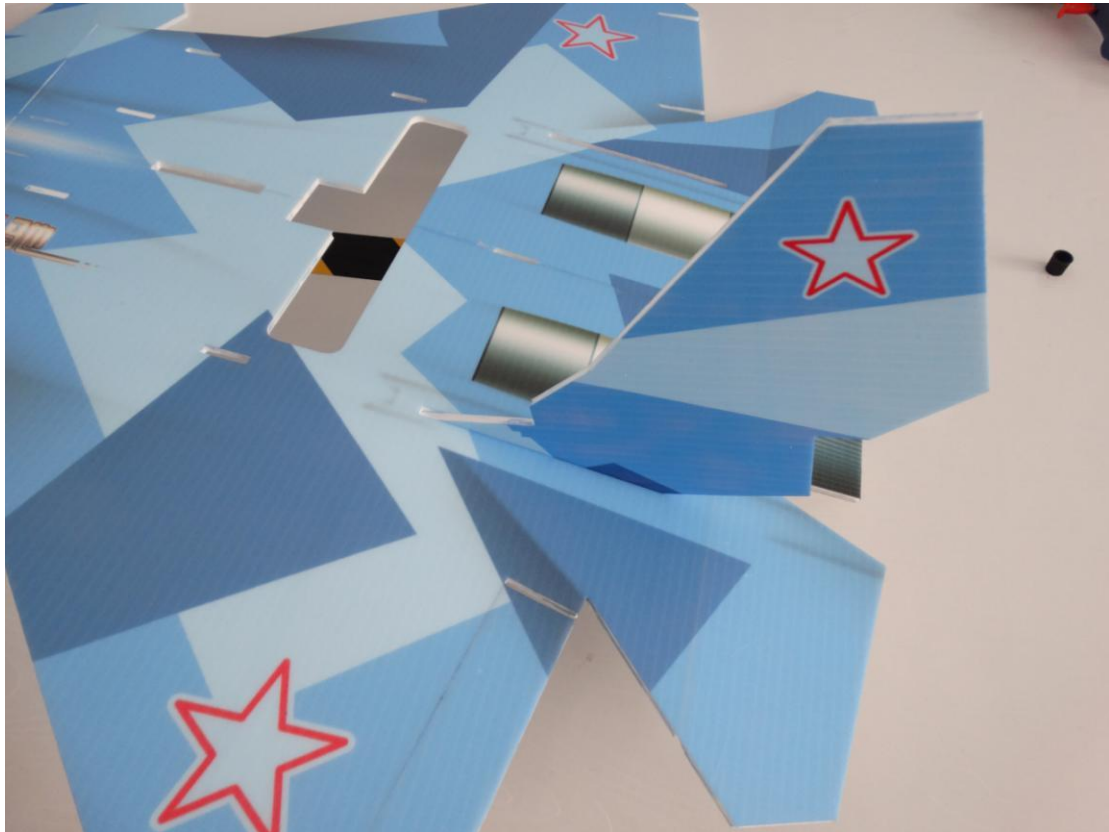
Important: Wait 3 mins after applying foam glue, then assemble the 2 pcs nose. Make sure 2 pcs nose trim. Especially for step.



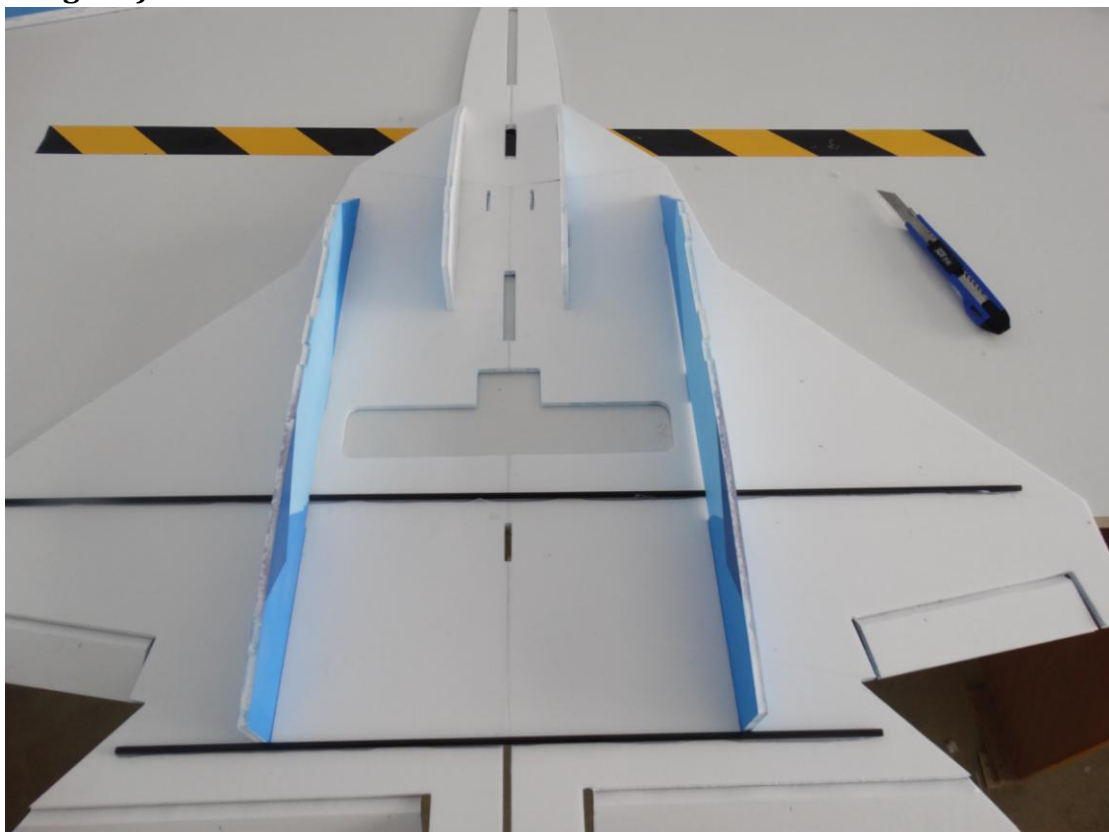
Assemble the 2 pcs vertical fuselage on horizontal fuselage using hot glue sticks.



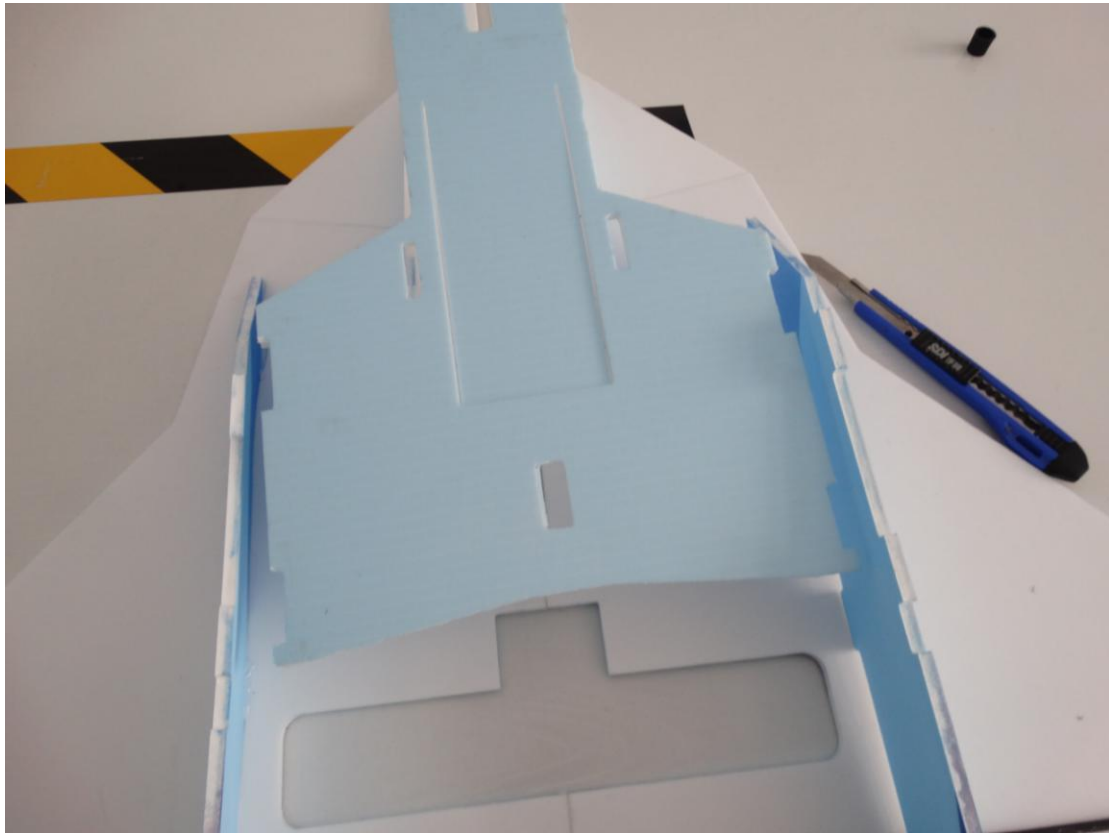
Press the 2 pcs vertical tail on horizontal fuselage. Important: Don't glue!



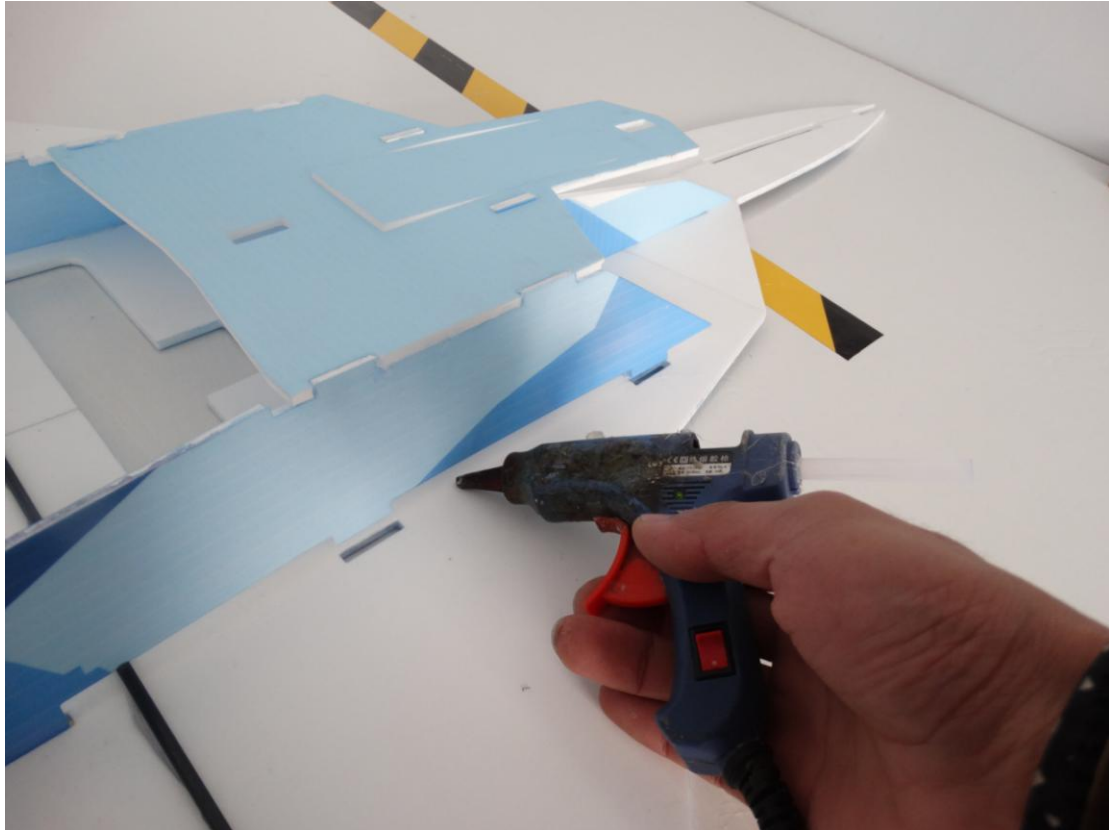
Press the 2 pcs vertical fuselages into horizontal fuselage.(Important: don't use glue!)



Then assemble bottom fuselage on vertical fuselage using hot glue sticks. Reinforce bottom fuselage using hot glue sticks after assembly.



Then assemble vertical fuselage and bottom fuselage on horizontal fuselage using hot glue sticks.



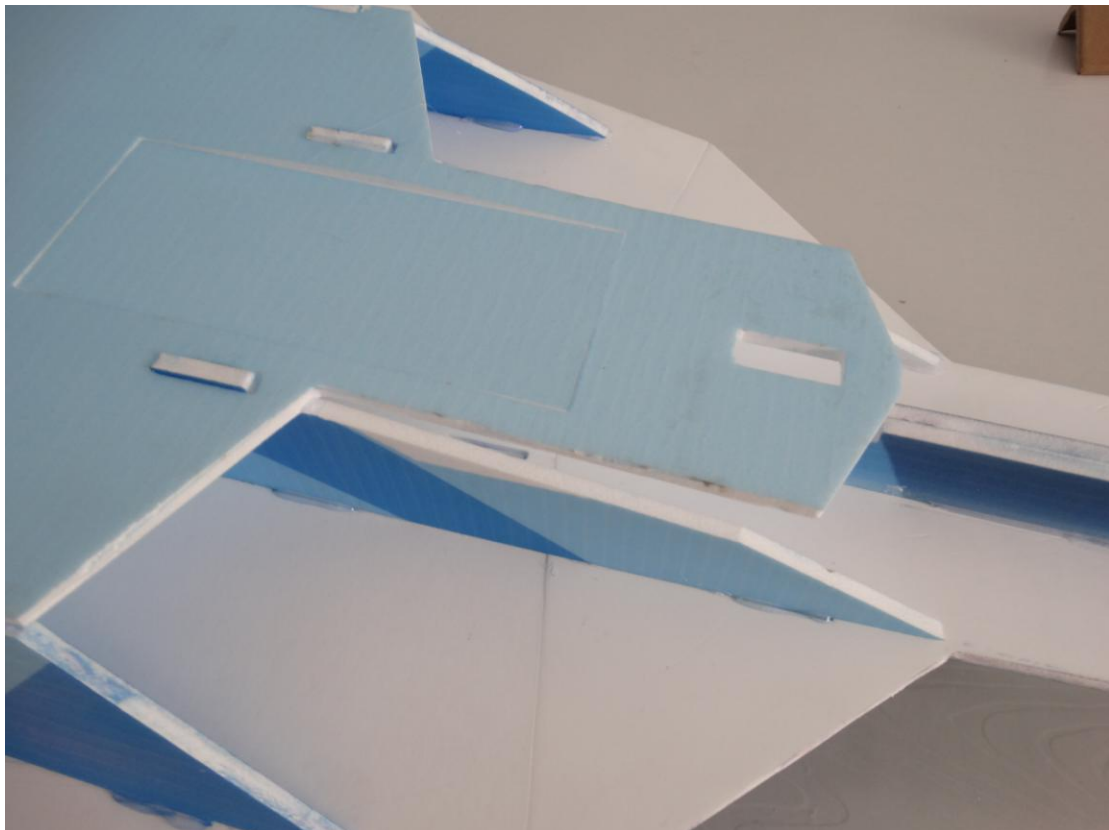
Assemble the nose on fuselage using hot glue sticks or foam glue, make sure the motor mount location must be flat!

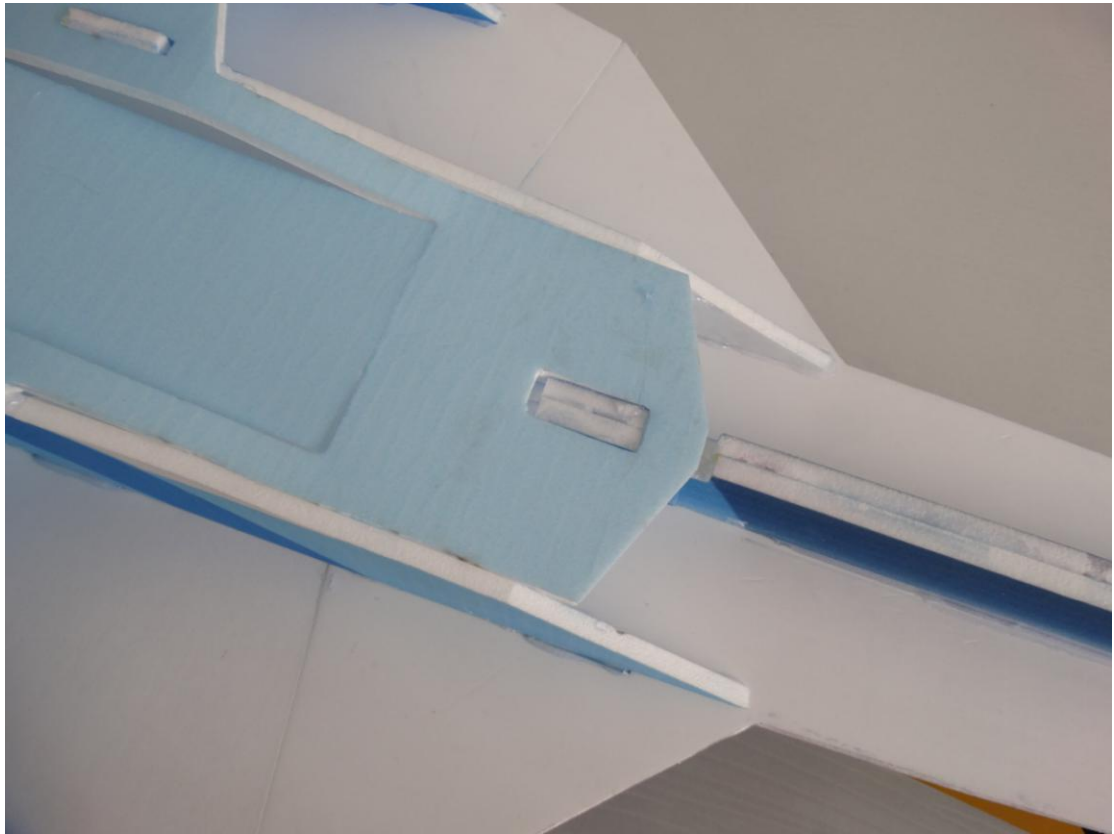


Reinforce nose using hot glue sticks after assembly.



Then glue bottom fuselage on nose and vertical fuselage using hot glue sticks.





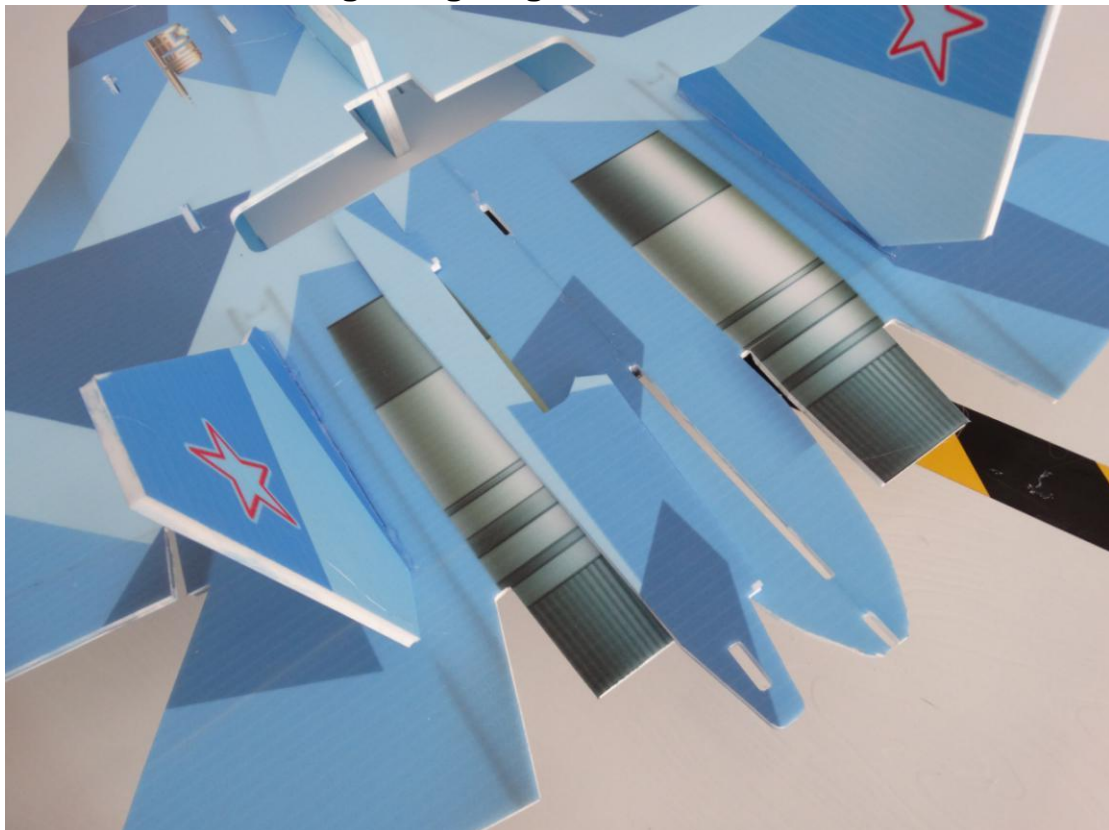
Now we can glue vertical tail on fuselage using hot glue sticks.



Reinforce vertical tail using hot glue sticks after assemble. Make sure the 2 pcs tails 's angle of inclination are same.



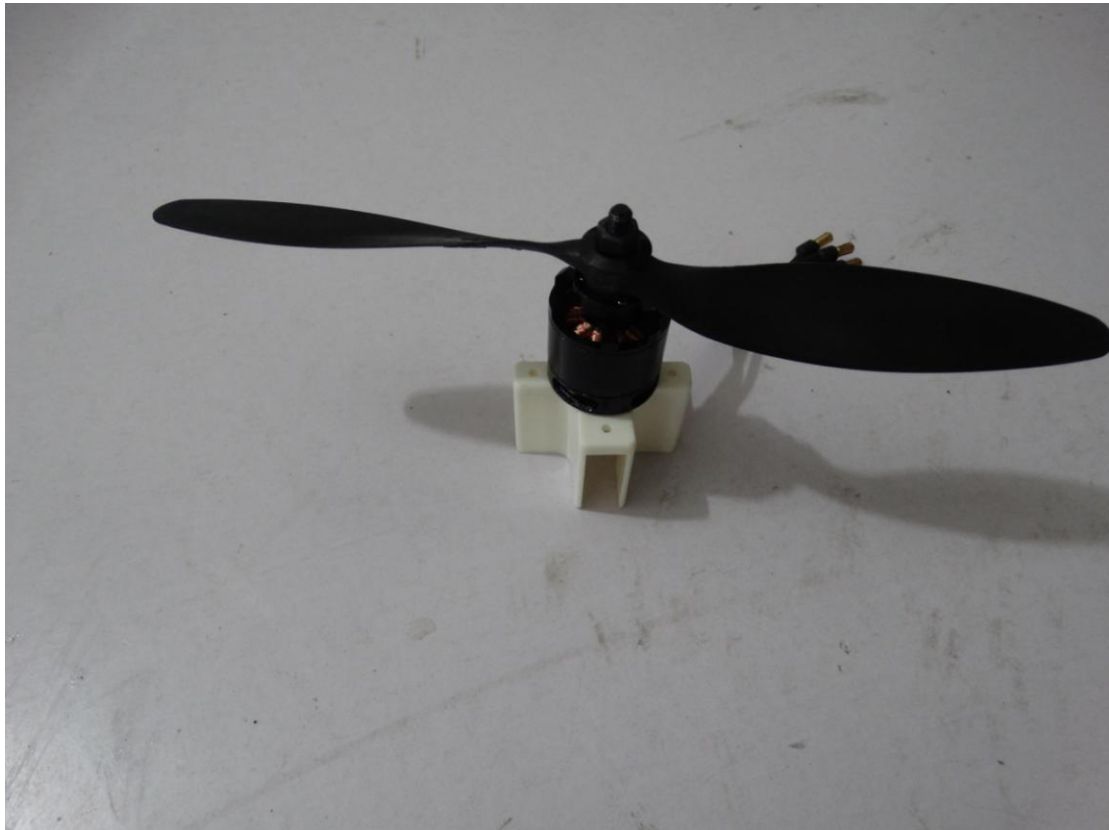
Assemble tail on fuselage using hot glue sticks.



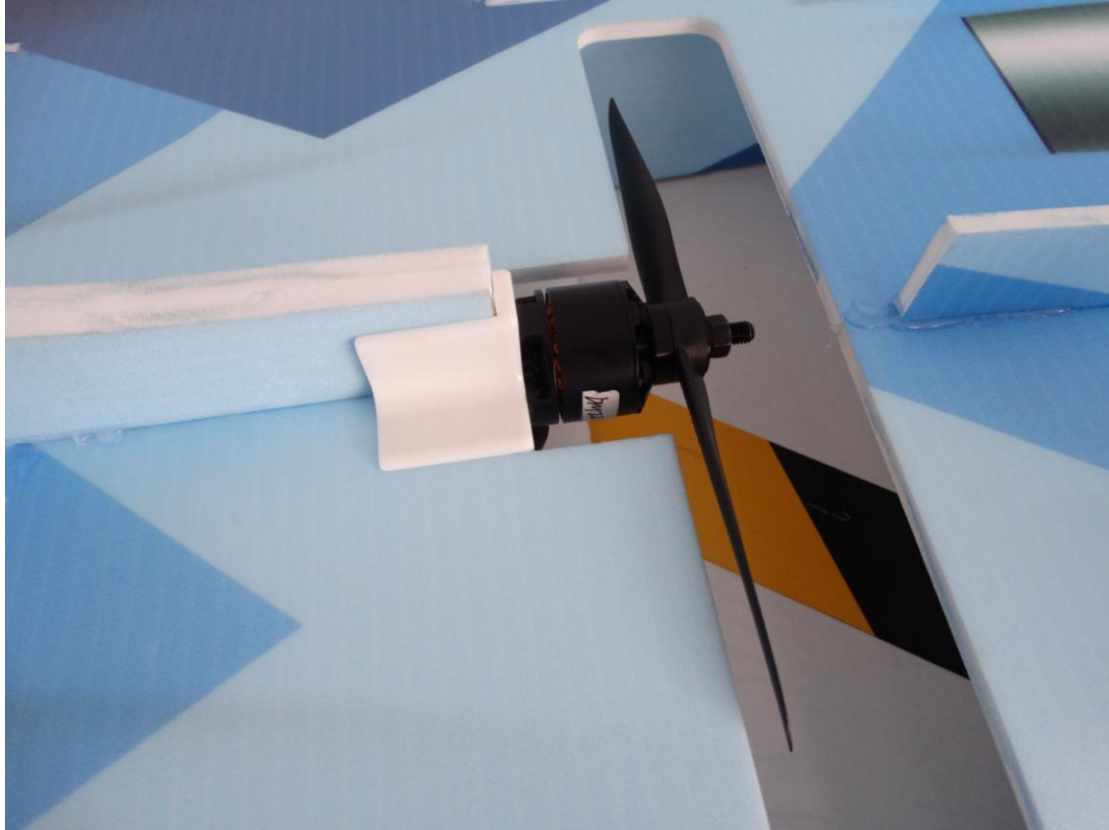
Assemble motor on motor mount using motor's screws.



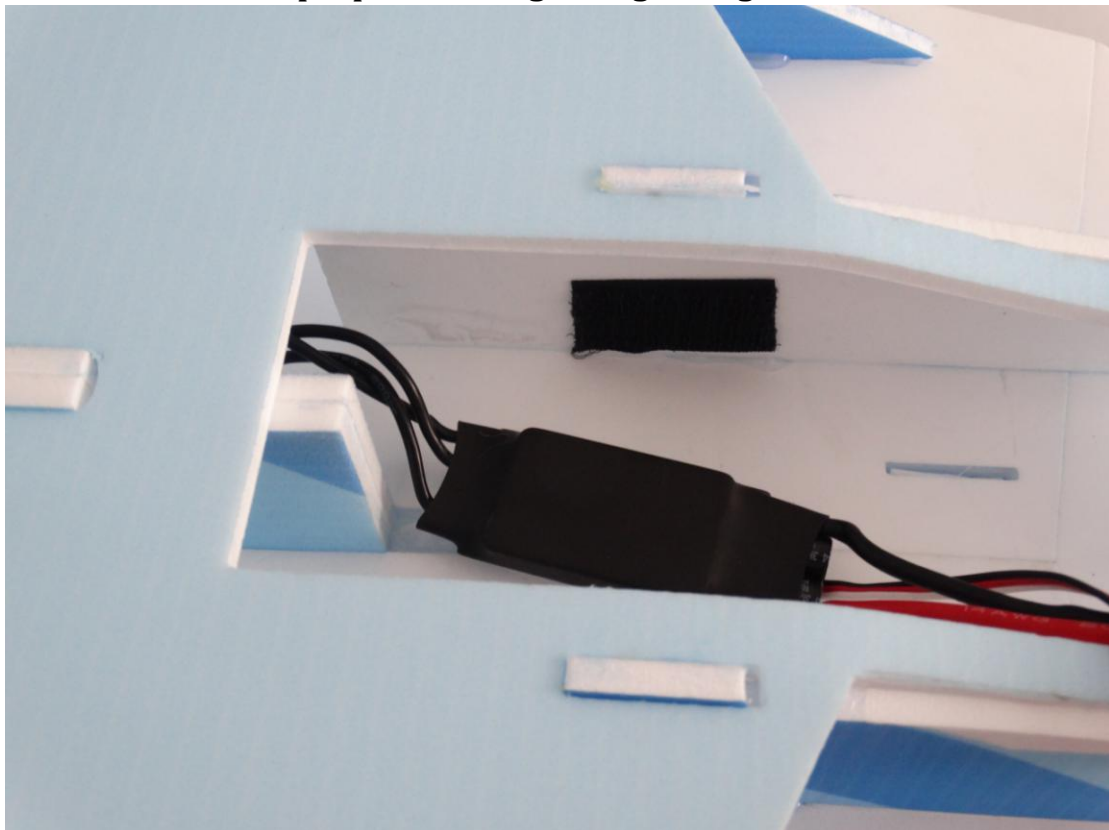
Assemble prop on motor. Notice the prop's direction.



Install motor mount on fuselage, then reinforce motor mount using a little hot glue sticks.



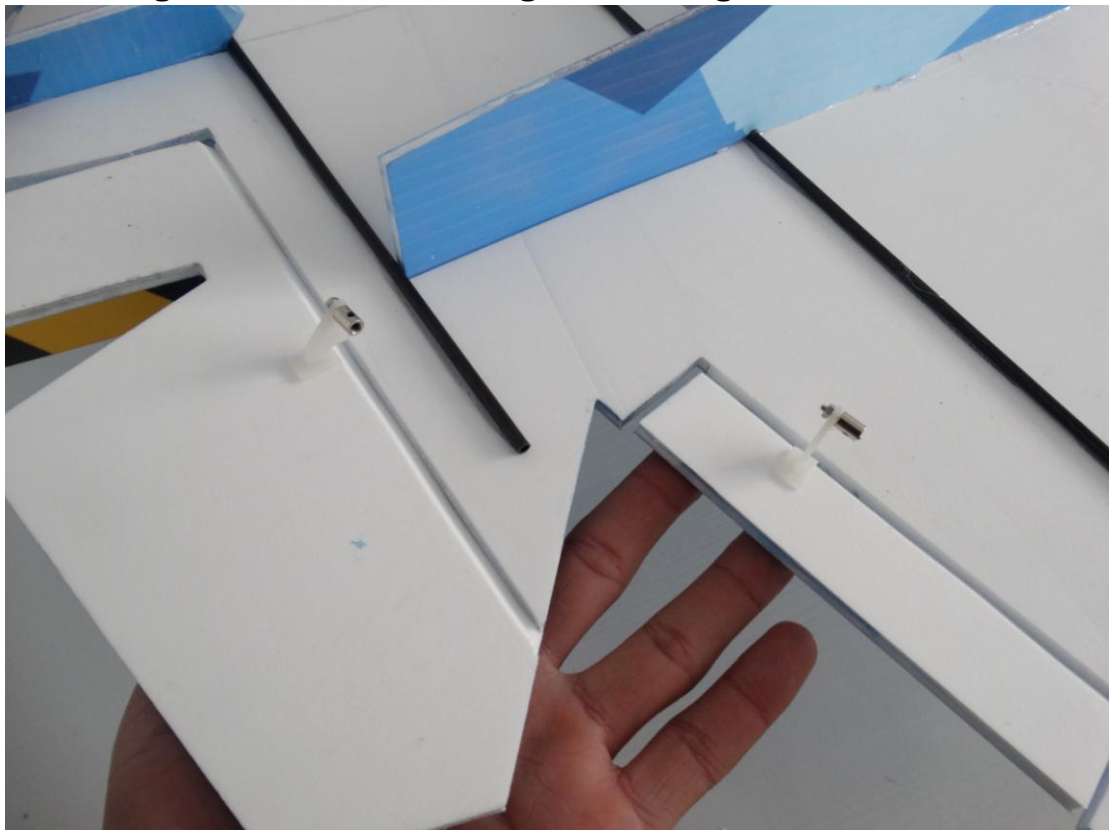
Put on hook and loop tape on fuselage using foam glue. Then install ESC .



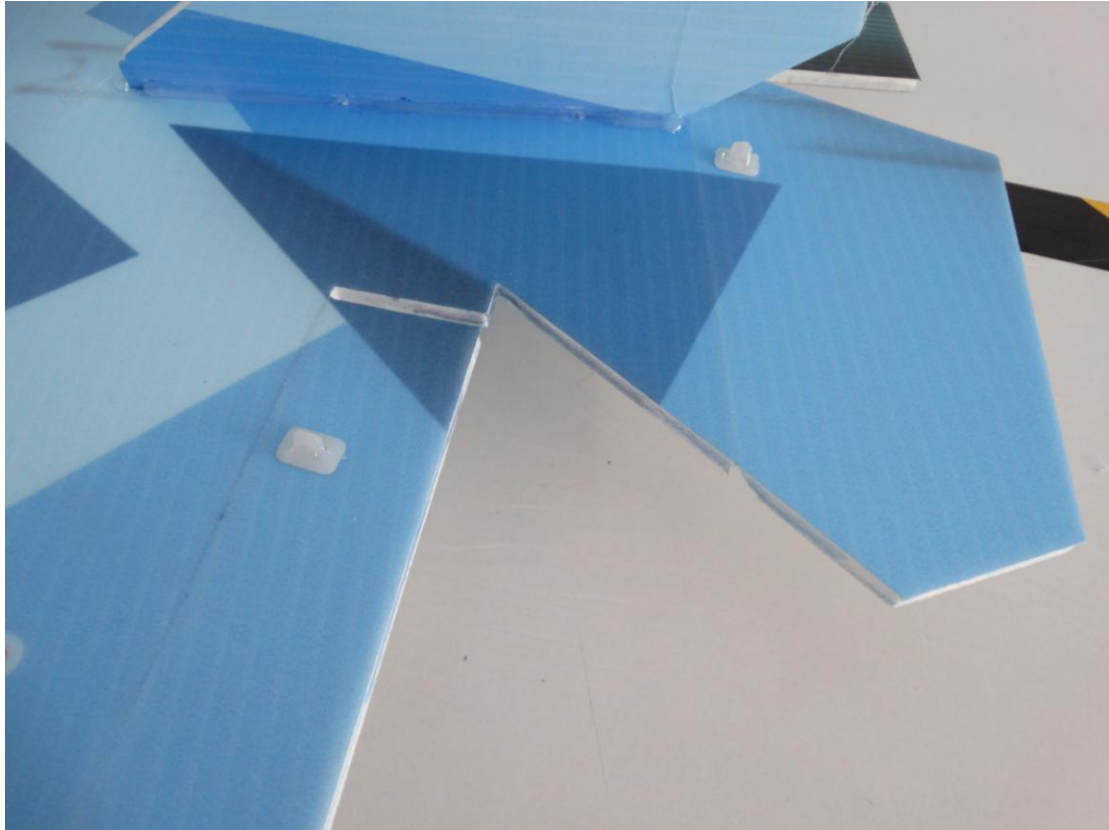
Assemble Quick rod adjuster and install it in hinge, apply a little No.502 on the nuts.



Install hinge into the hole on fuselage with foam glue.



Don't forget block the hinge with cover and apply glue to reinforce.



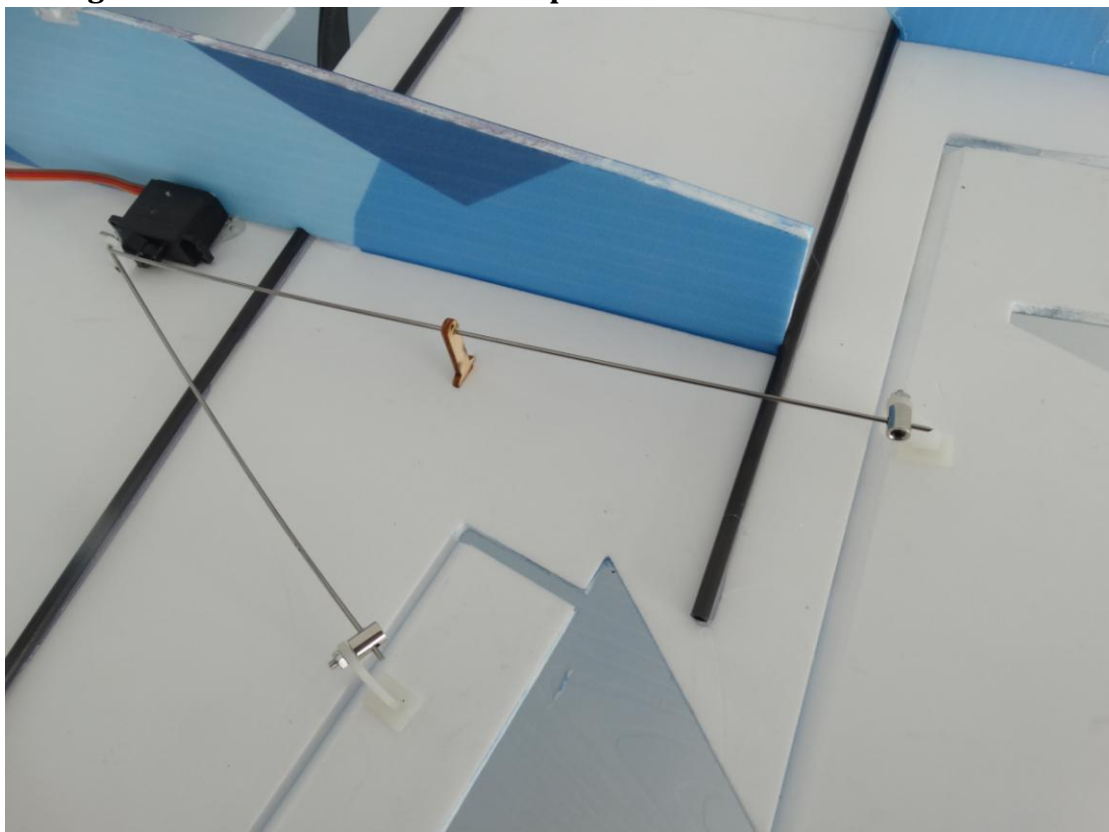
Important: Reinforce all aileron using foam glue.



Install arm on servo and electrify all servos to make sure the arm perpendicular to servo. Then install arm screws. Install pull rod on servo as shown picture below.



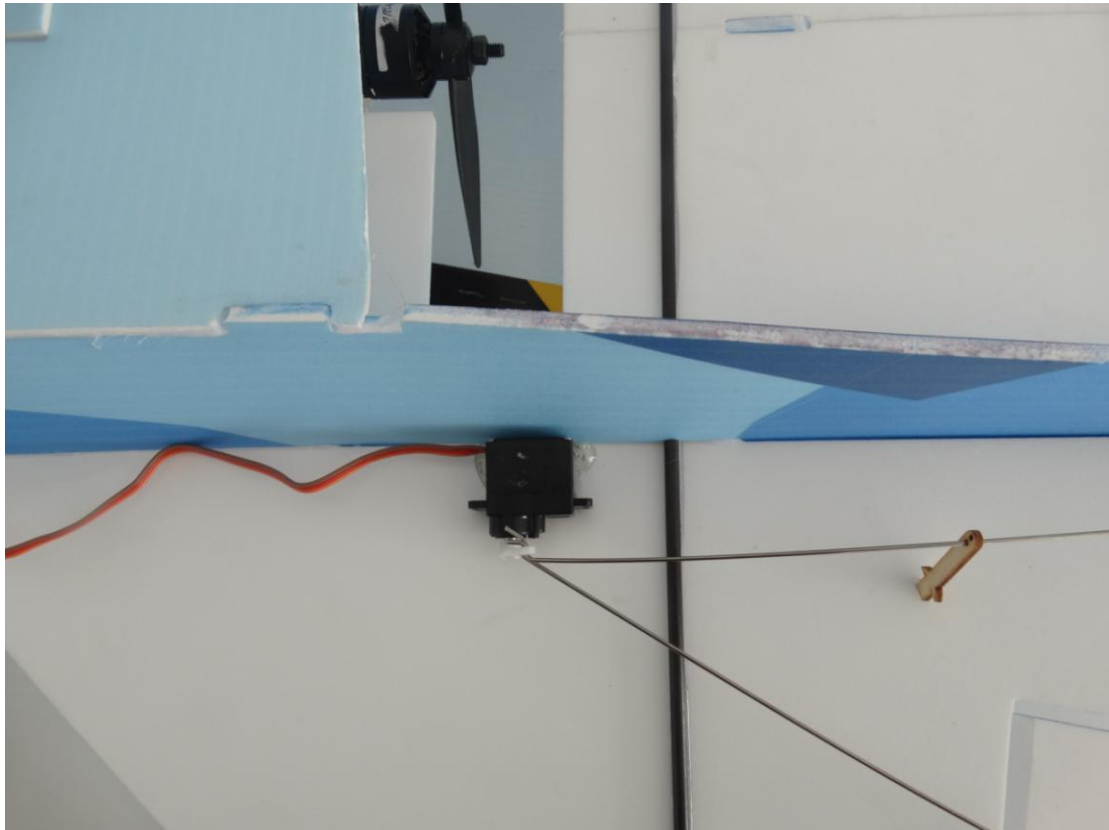
Install wood strip in the hole using No.502 glue. Notice must let pull rod through the second hole on wood strip.



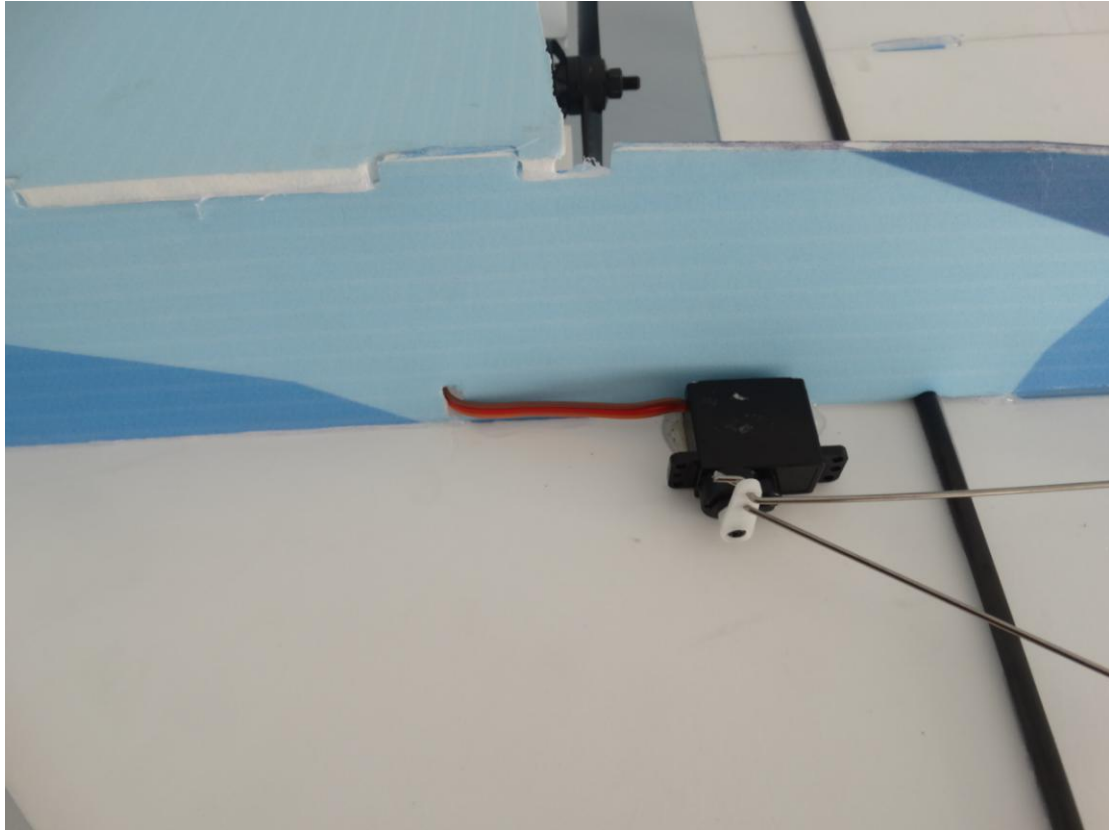
Then let the pull rod through the quick rod adjuster.



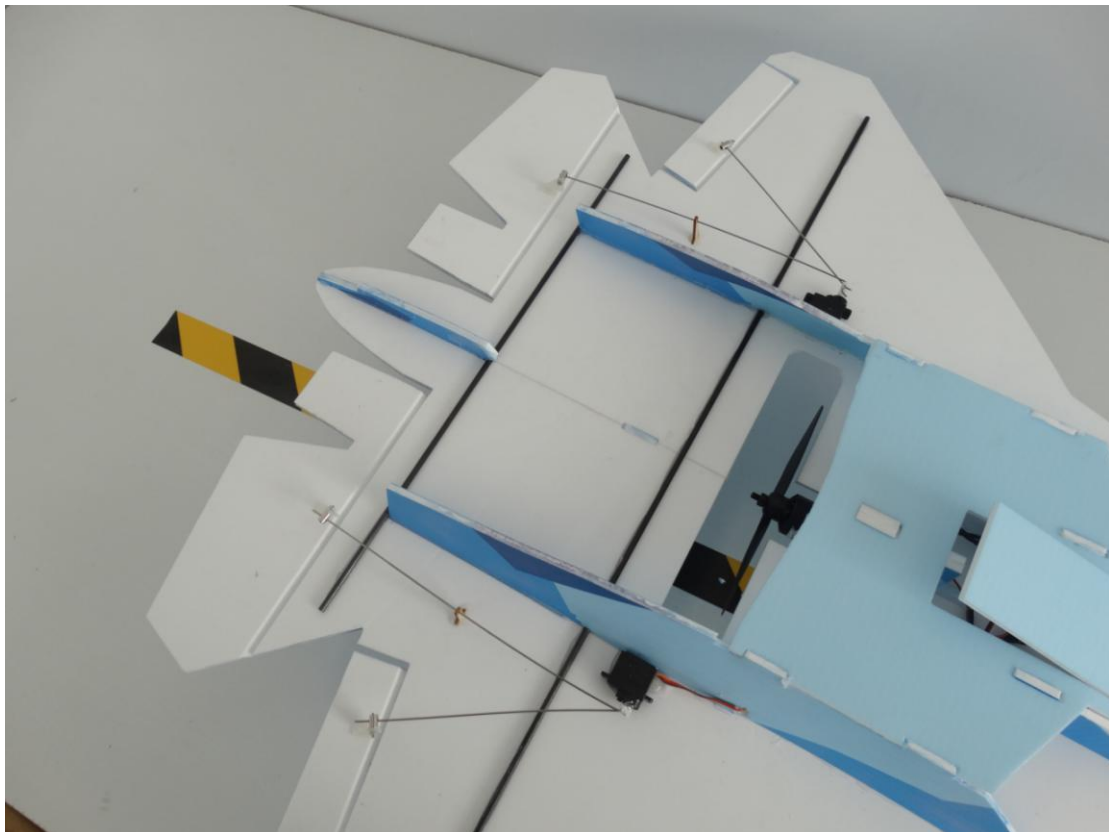
Fix servo on fuselage using hot glue sticks.



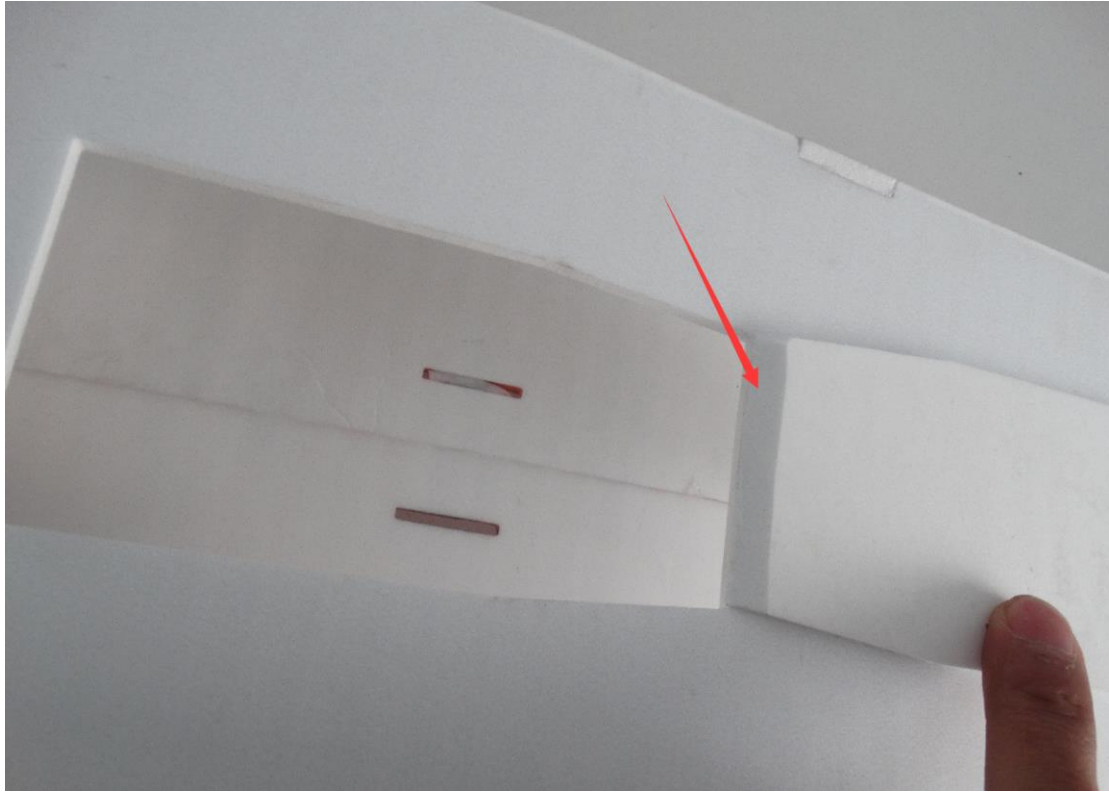
Let servo wire through the hole in fuselage and fix it using hot glue sticks.



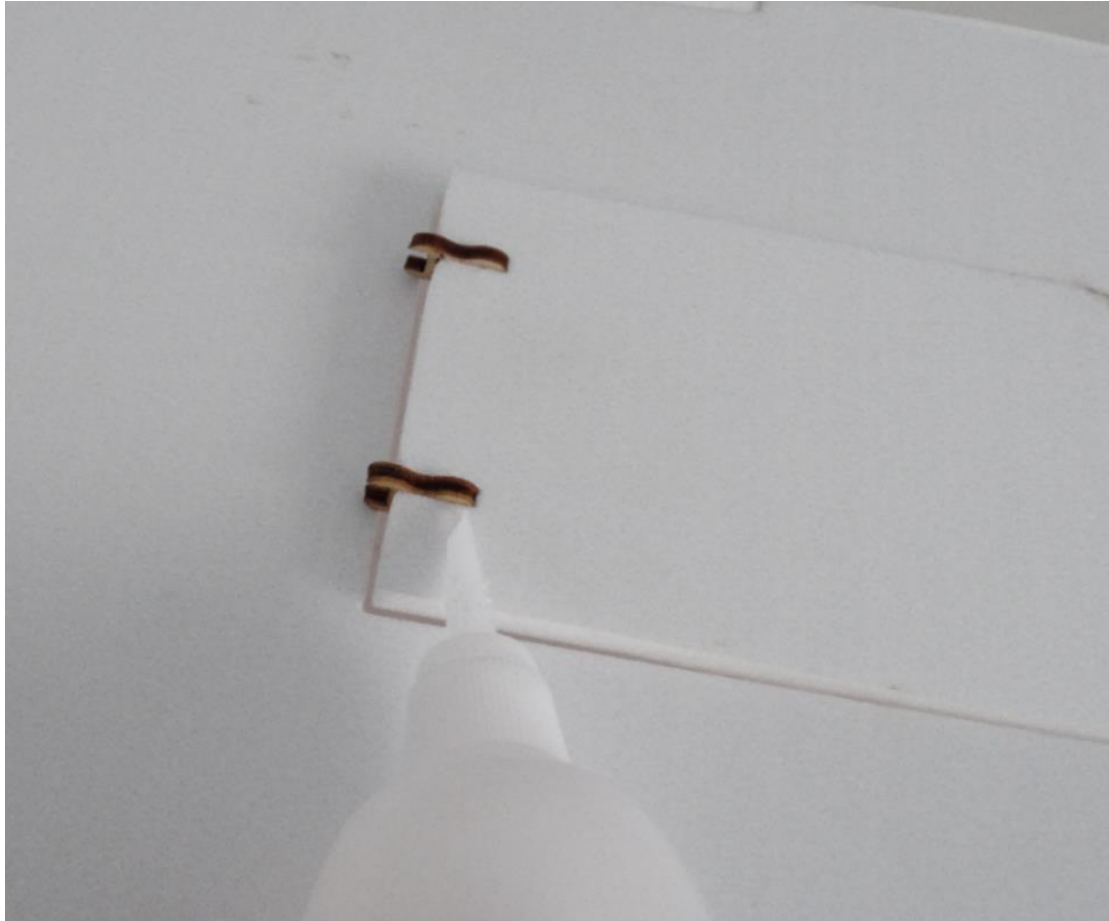
Same to another side.



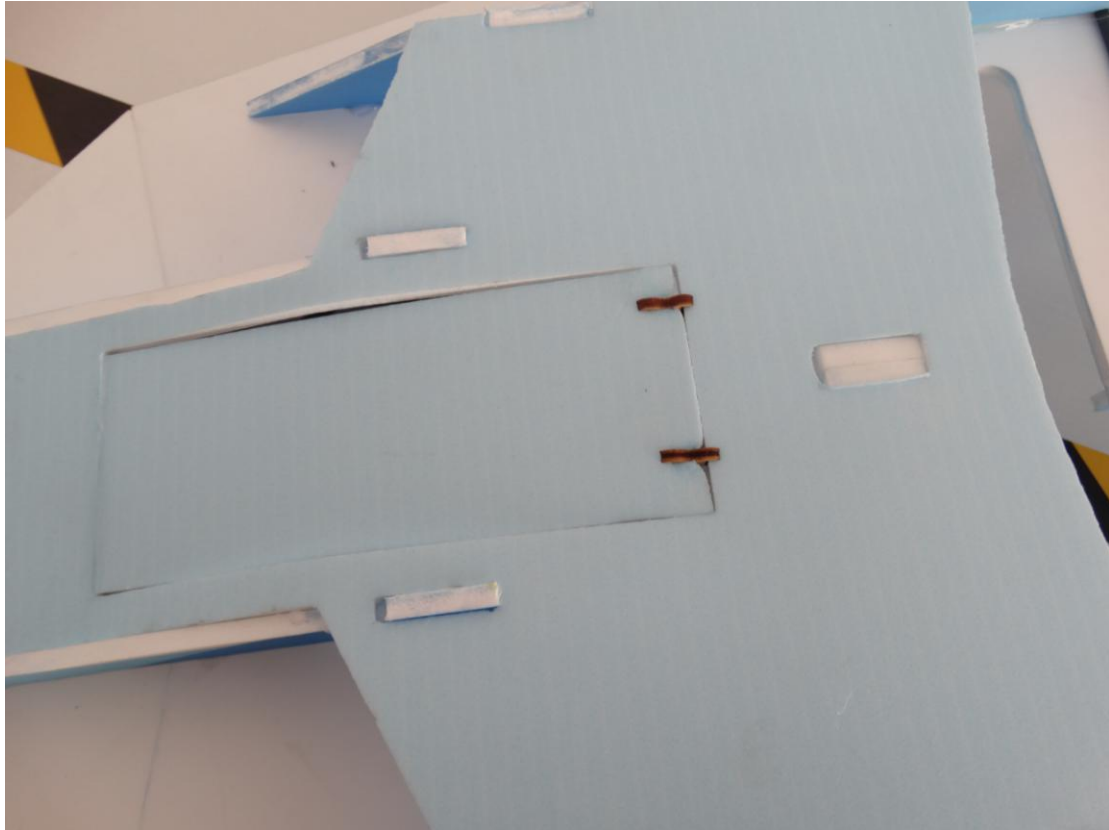
Cut bevel in the end of bottom cover using knife.



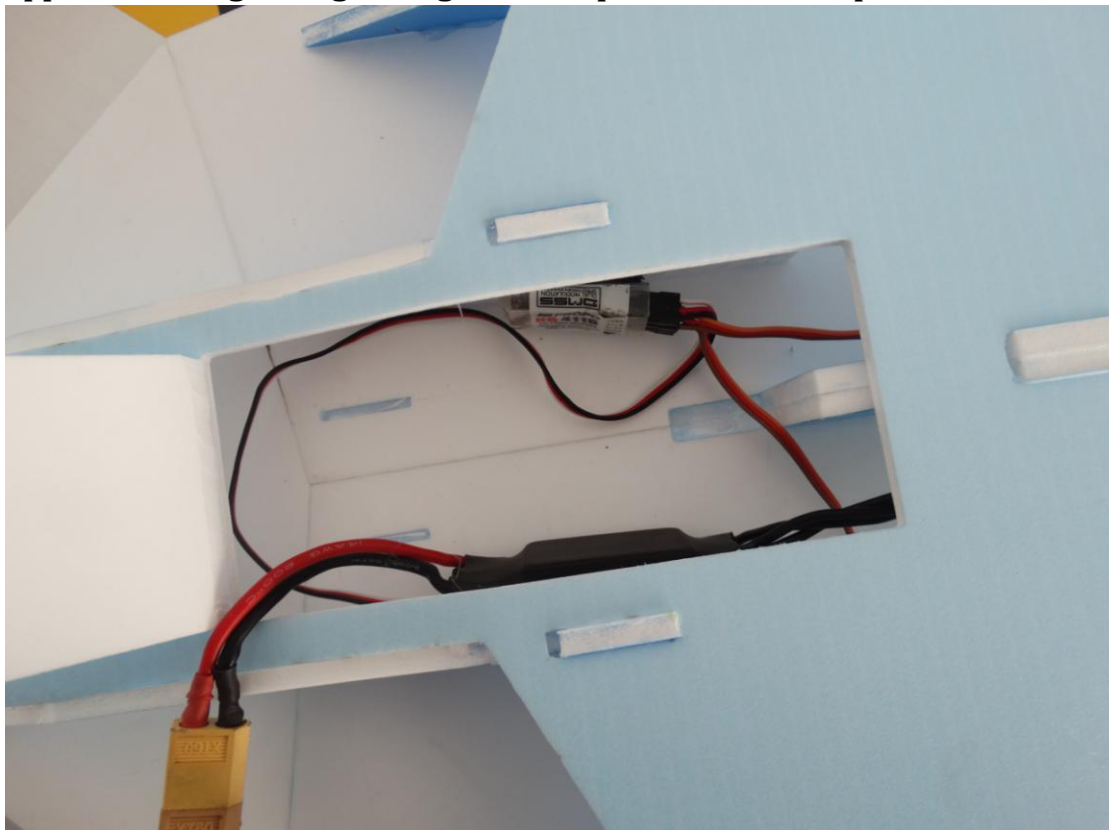
Install the 2 pcs wood clips in the bottom cover using No.502 glue.



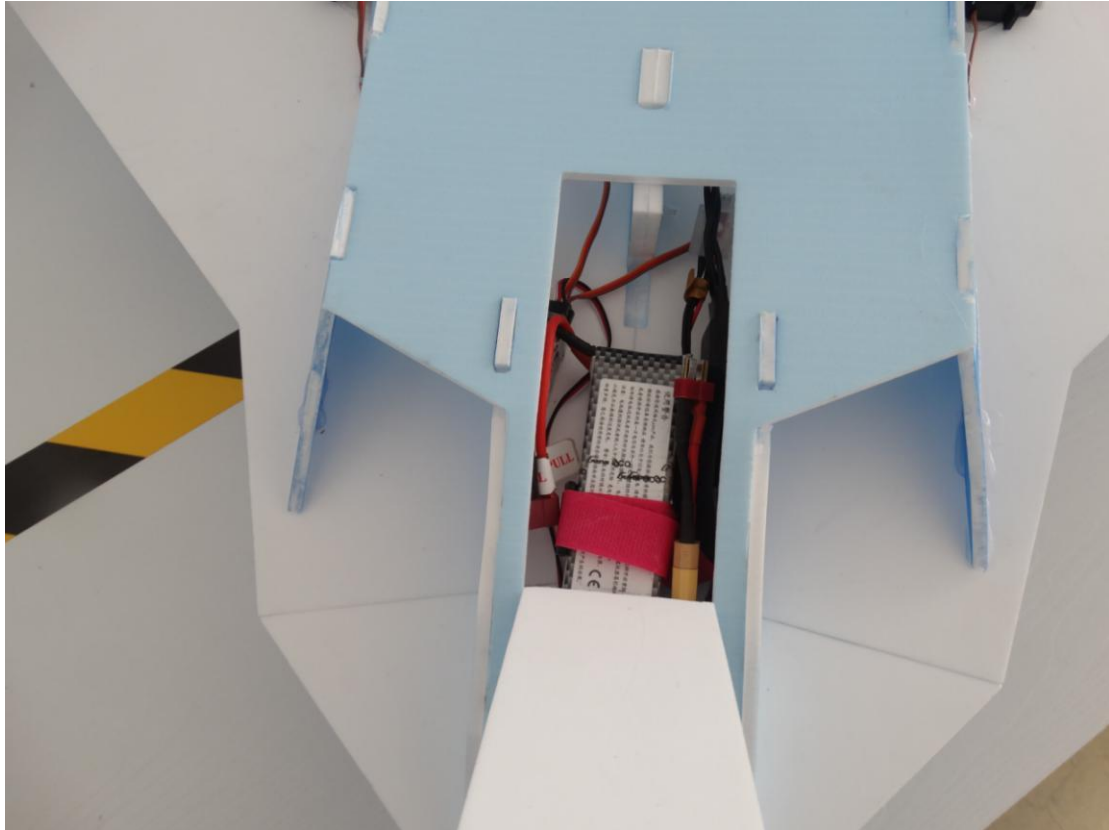
Then the wood clip can block bottom fuselage when close.



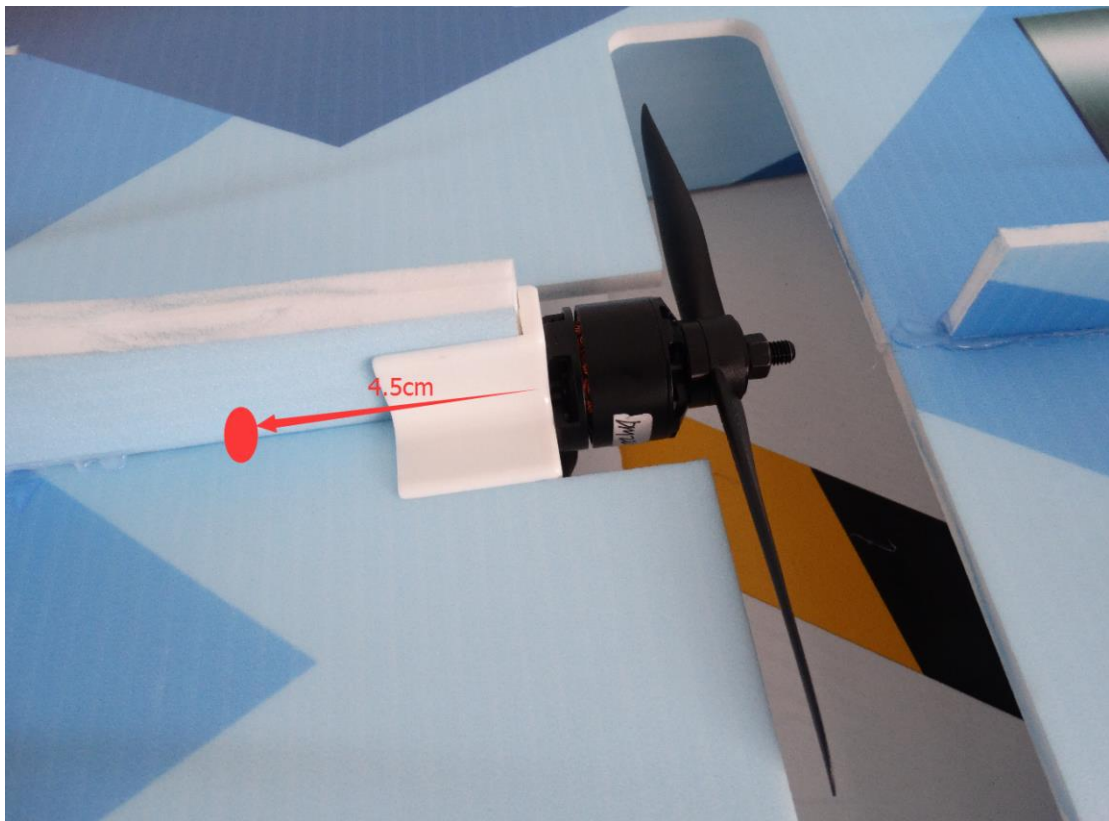
Connect servo, ESC with receiver. Glue hook and loop tape on ESC 's opposite fuselage using foam glue. Then put receiver on tape.



Use another hook and loop tape through the hole to fix battery.



C of G is on the front of the motor mount 4.5cm as shown in the picture below.





PP T50's wing area are very large, so it's very stable when fly. Especially for low-speed performance and glide performance, it's very fit for flying trainer and pleasure flying,