

NANCHANG CJ-6

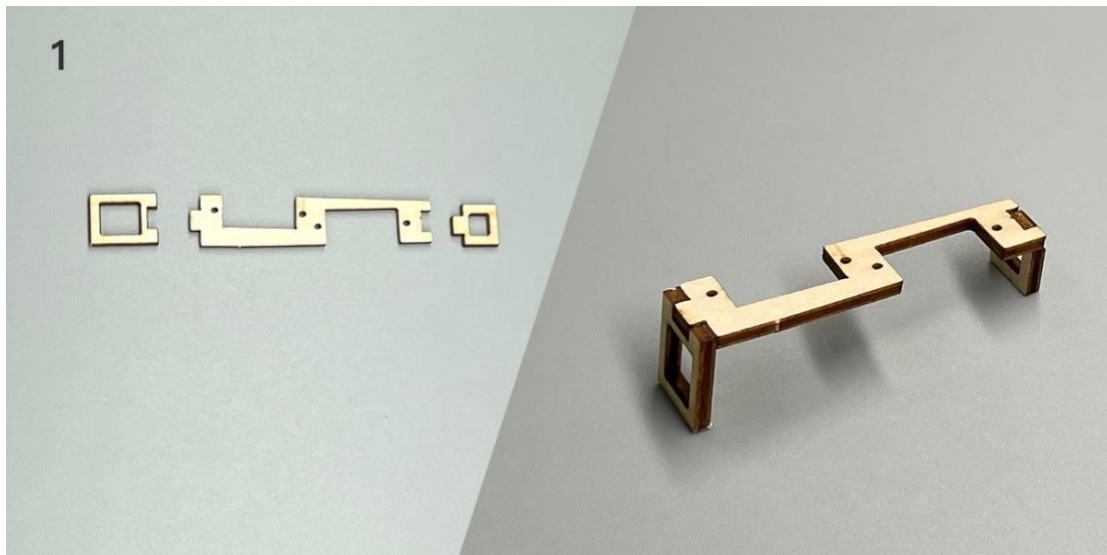
Assembly Instructions



Important notification

- 1.The model is supplied with UFO and 502 glue. UFO is for bonding foam parts, and 502 for bonding wood, carbon fiber and metal parts. 502 glue will cause serious corrosion to foam parts.
- 2.Please wait for the glue to dry and solidify in each installation step before the next installation.
- 3.Please avoid using flame to heat the heat shrinkable tube on the model. Electric iron shall be used for heating.
- 4.Please use razor blade to remove the parts from the plate. Do not tear the parts by force.

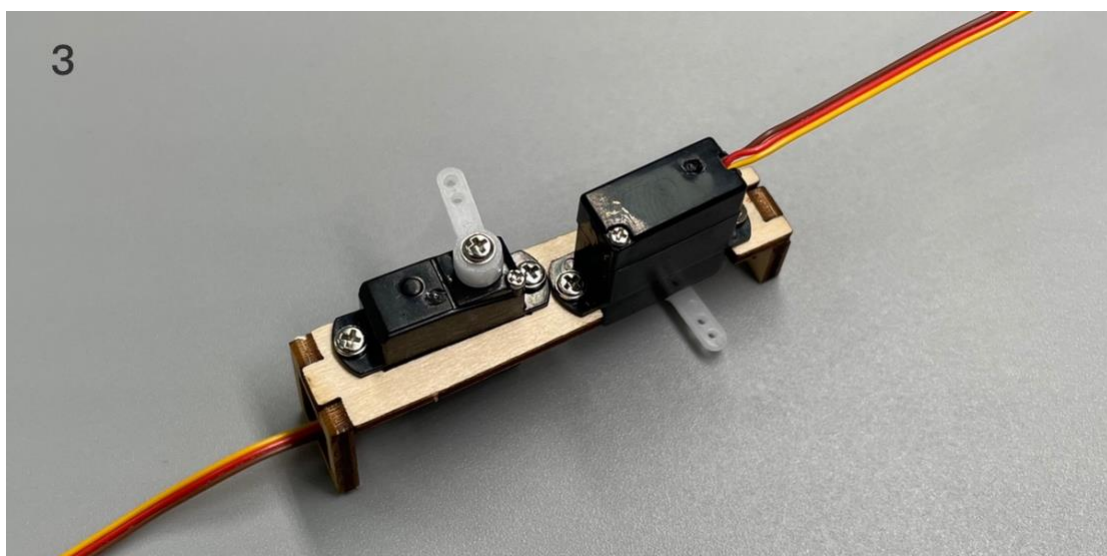
1. Assemble the tail servo base.



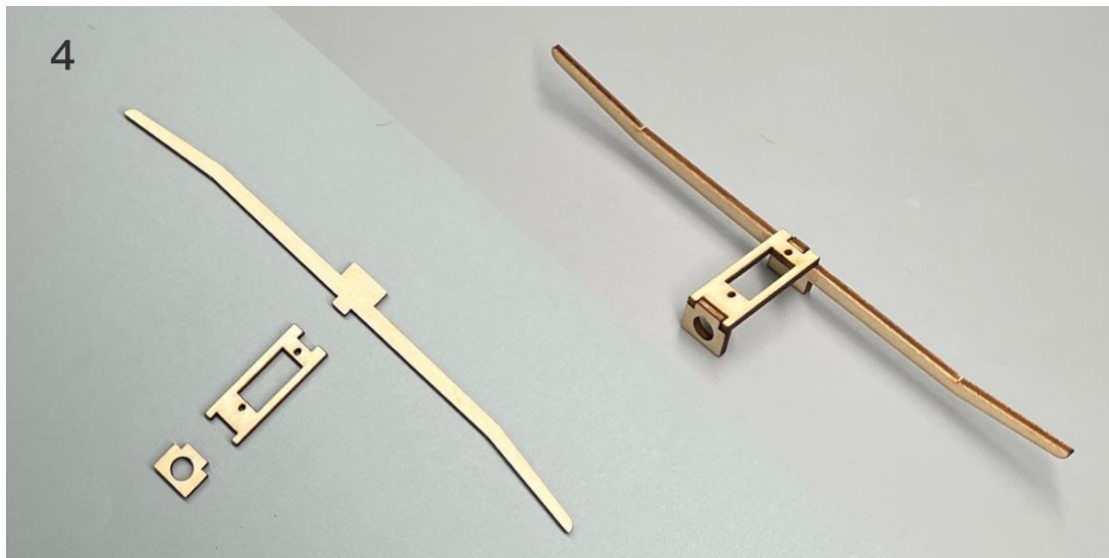
2. Connect the servos to a powered receiver. Bind the receiver with your transmitter to make the servos return to their neutral point. Test whether the servos are normal, and install the servo arms according to the position shown in the picture.
Note: Important step.



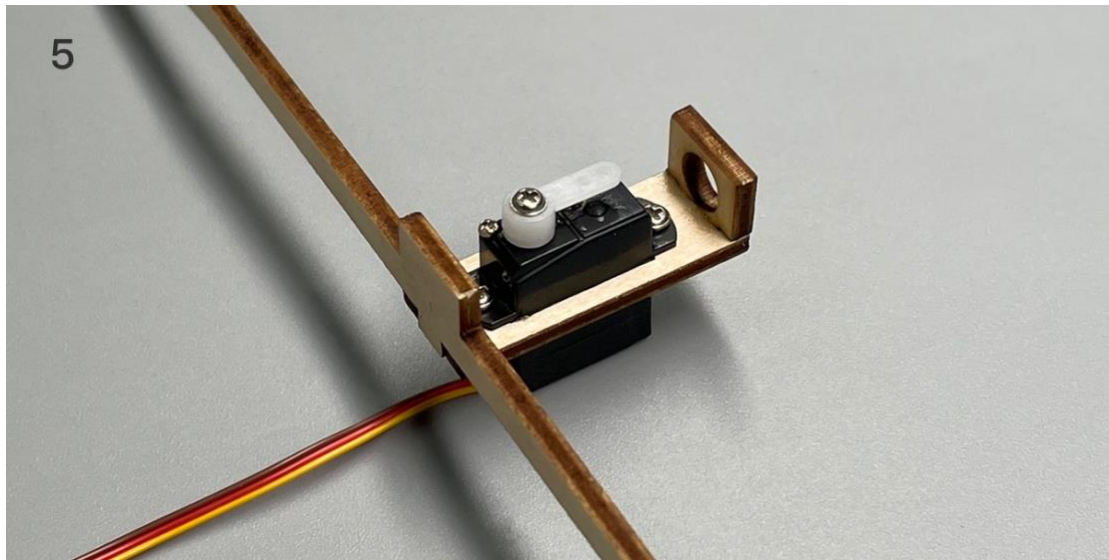
3. Fix the servos onto the servo base with screws.



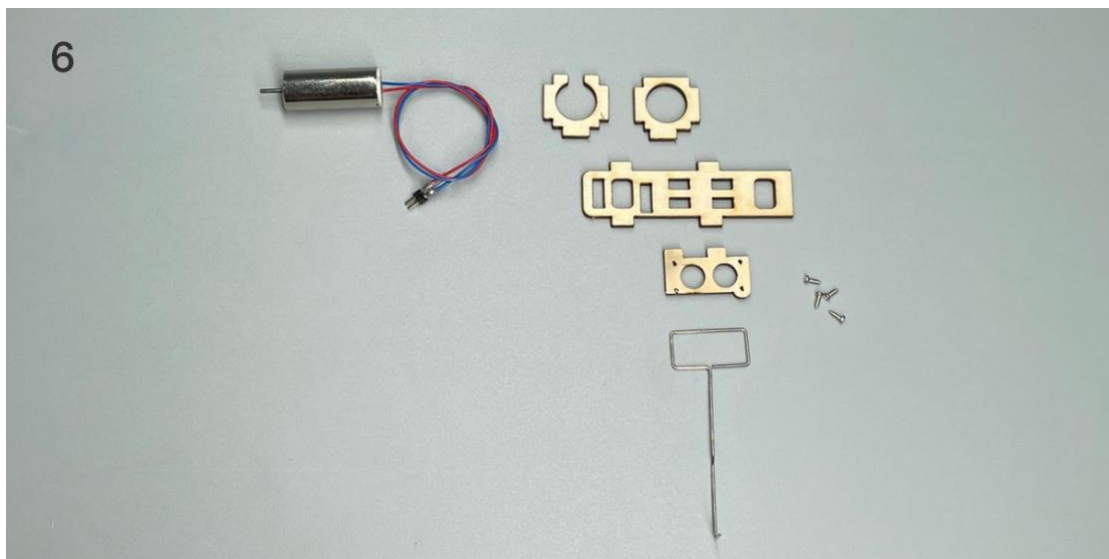
4. Assemble the aileron servo base.



5. Fix the aileron servo.



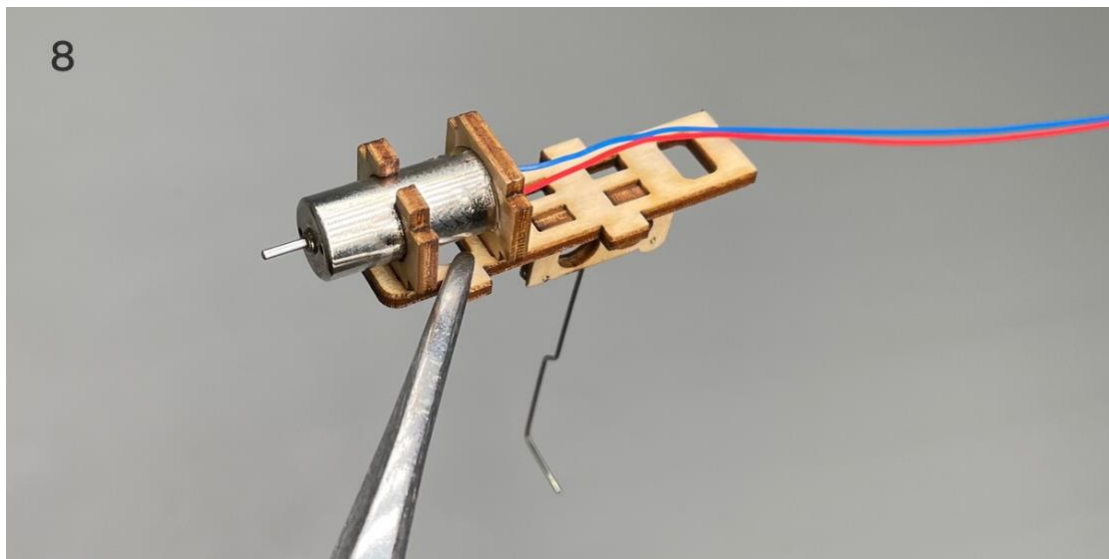
1. Nose gear and motor base parts.



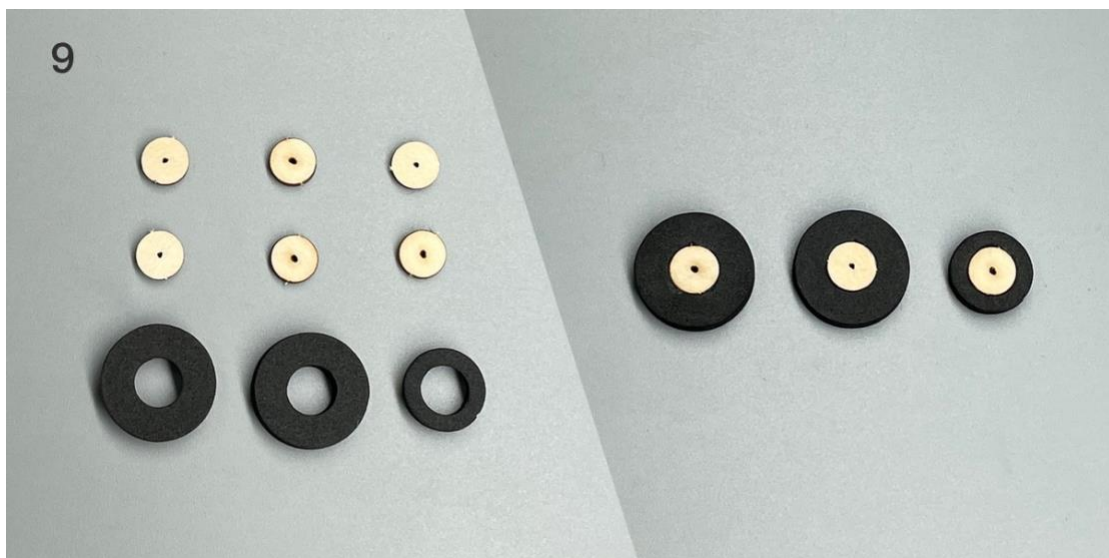
7. Fix the nose gear steel wire with screws.



8. Combine nose gear & motor base parts. Fix the motor with glue.



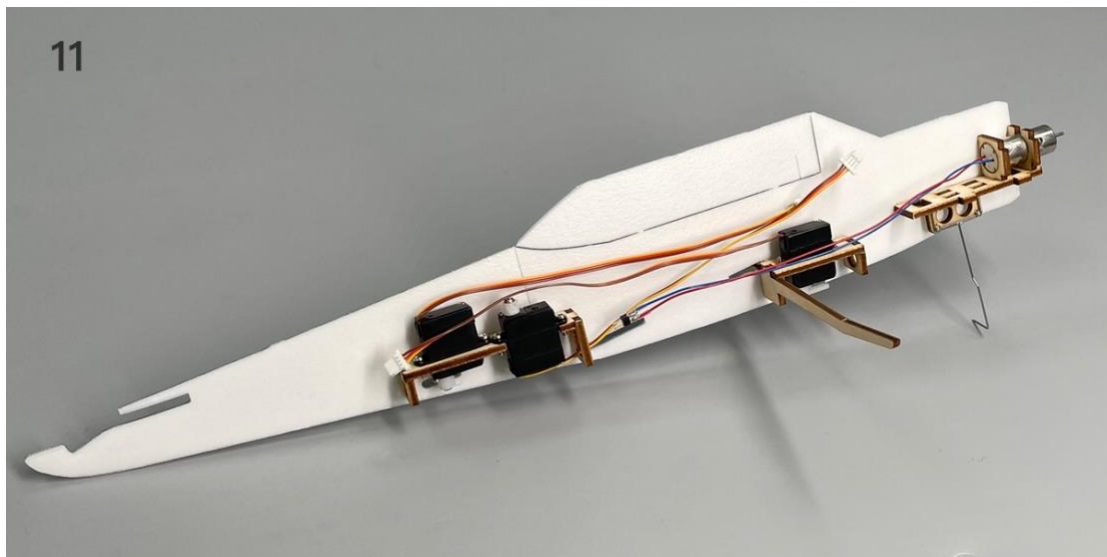
9. Assemble the wheels. Thread the wood wheel cores on the landing gear steel wire, apply glue on the outer edge, and then put it into the tire.



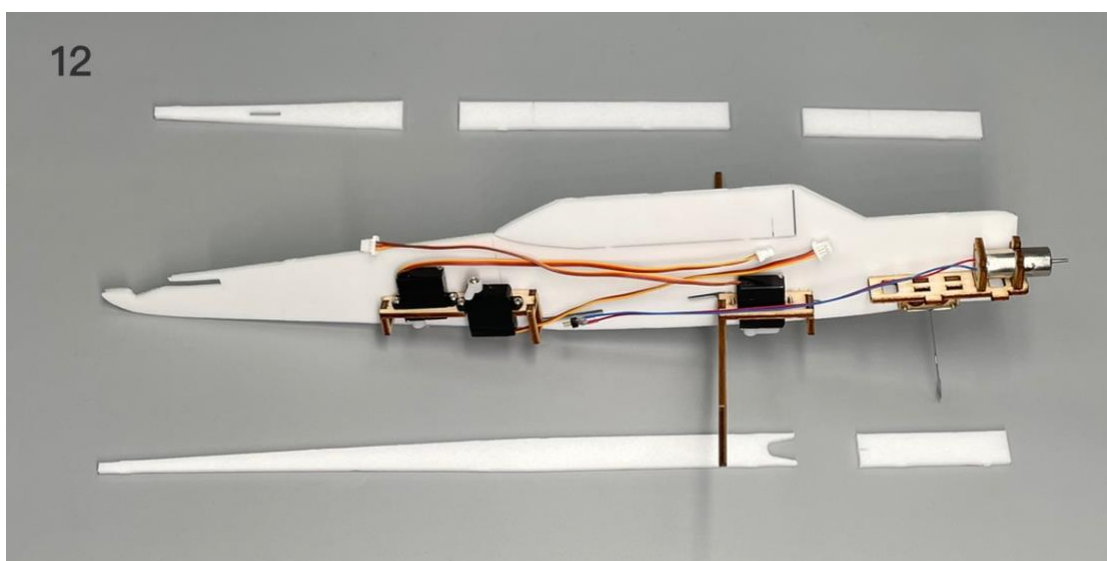
10. Fuselage side plate.



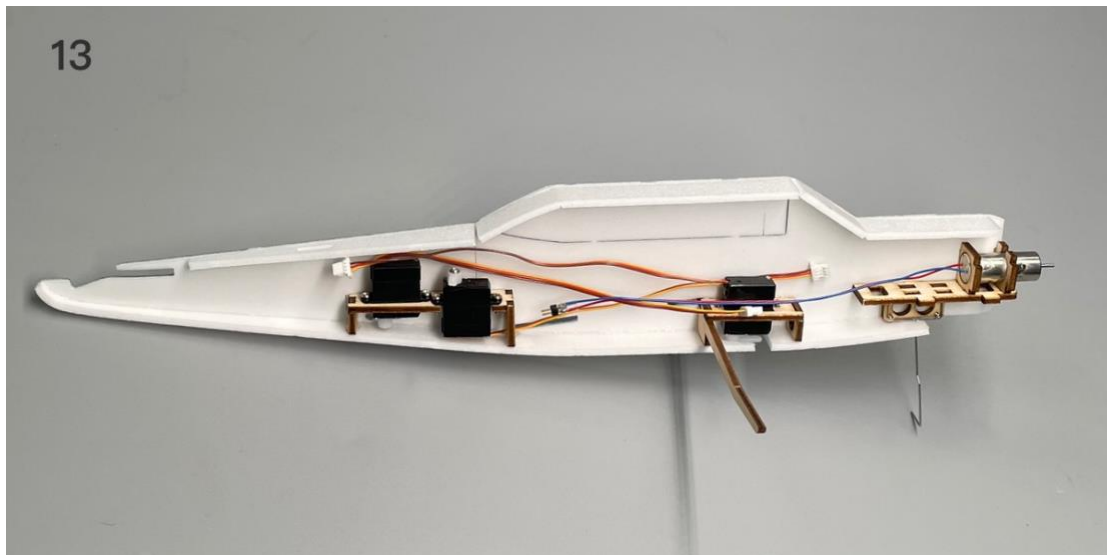
11. Install the fuselage internals according to the marked position inside the fuselage



12. Bend the fuselage edge strip according to the fuselage contour.



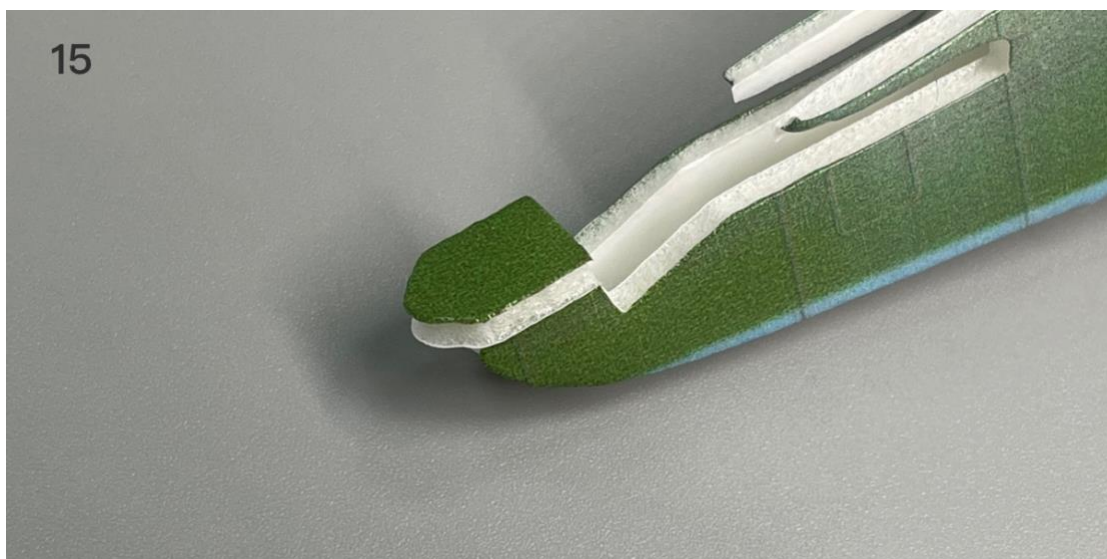
13. Use glue to fix the fuselage edge strip.



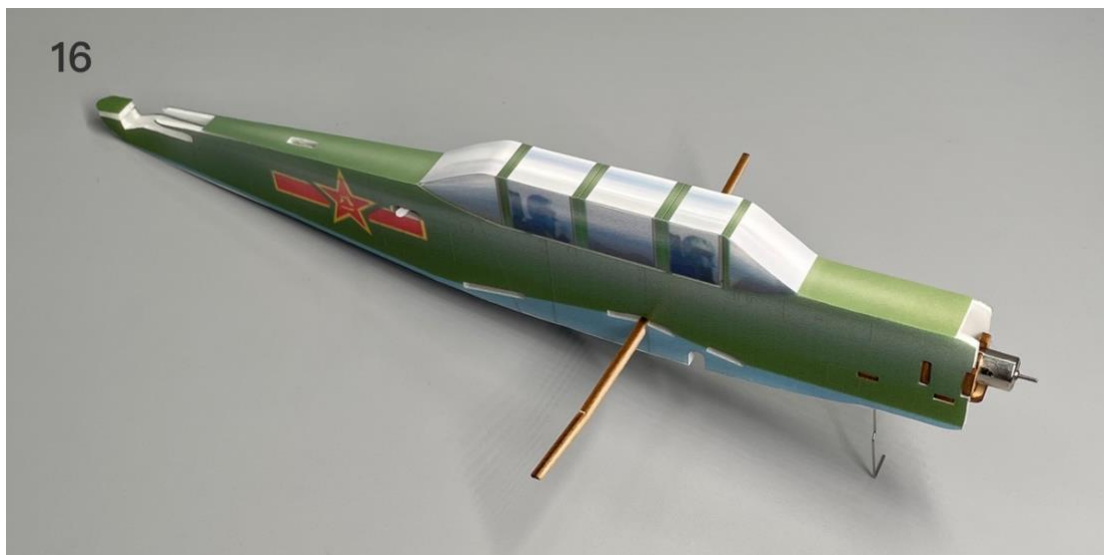
14. Align and close the other side of the fuselage.



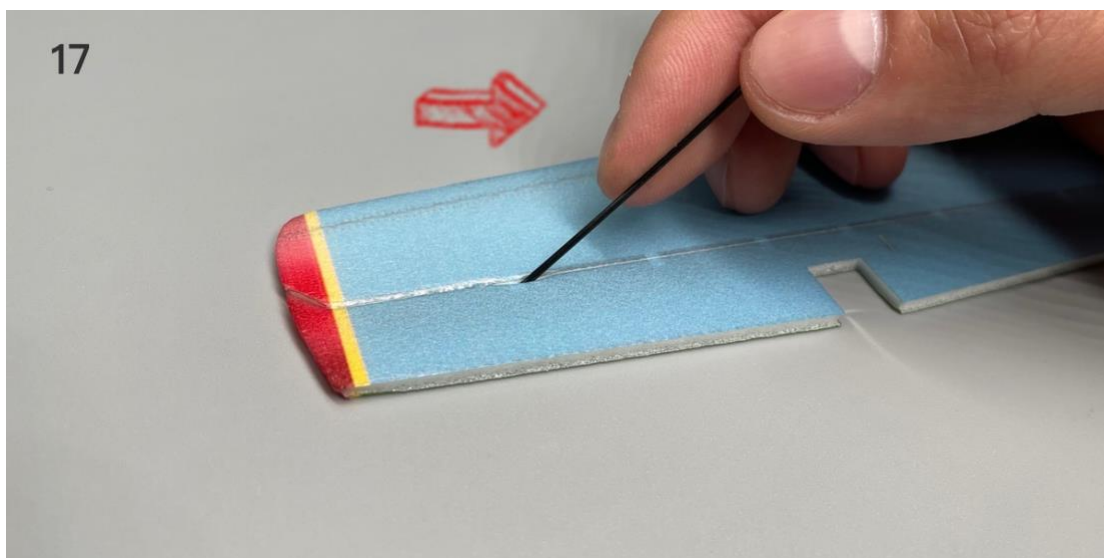
15. Fix the tail trim with glue.



16. Paste stickers on the top and bottom of the fuselage. Use a small amount of glue to strengthen the fixation.



17. Use the end of a carbon fiber rod to score through the half-cut line of the elevator surface.



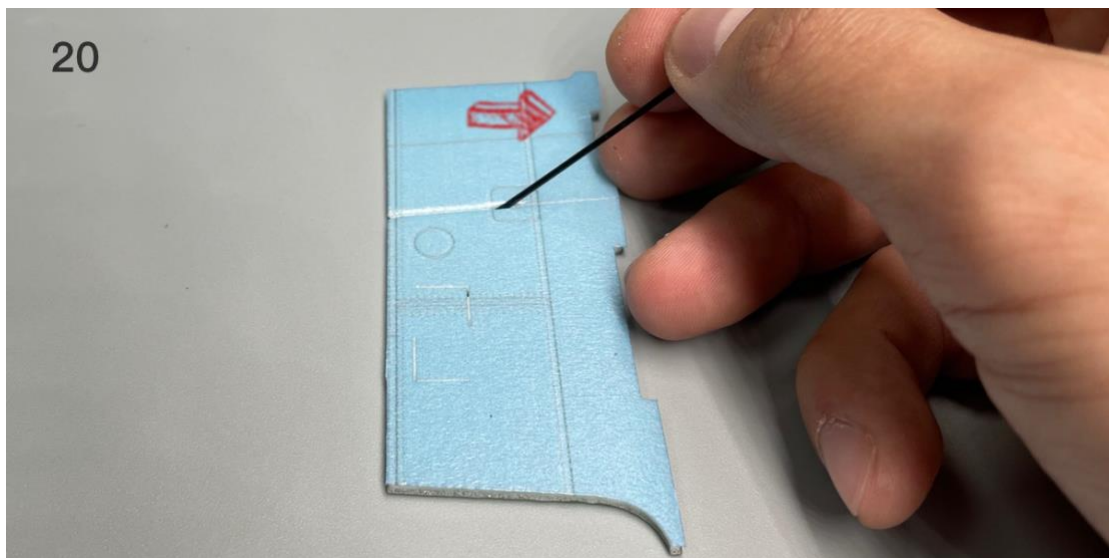
18. Install the tail. Make sure the horizontal tail is parallel to the fuselage and the vertical tail is vertical to the fuselage.



19. Paste the tail side sticker.



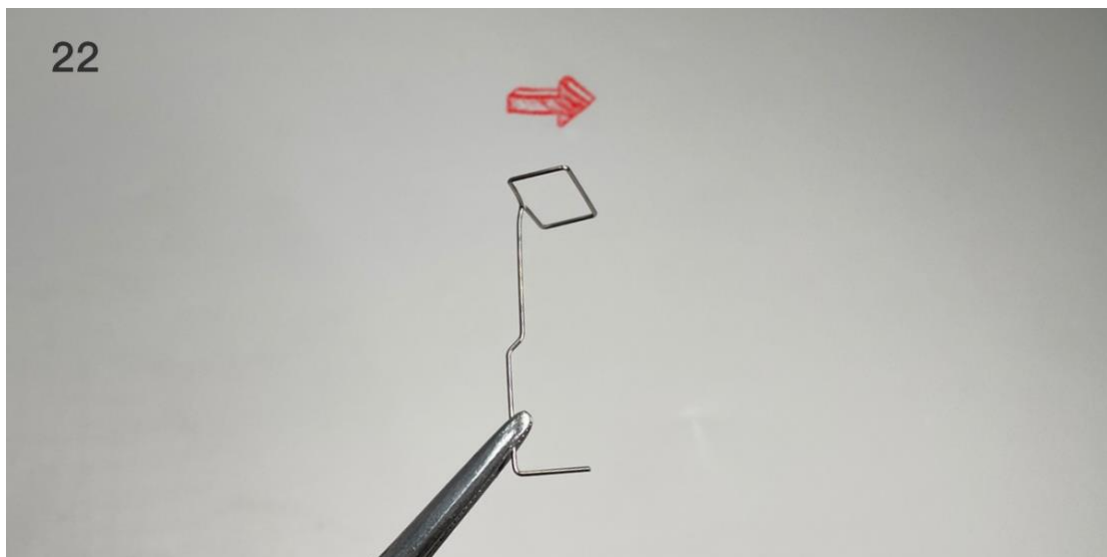
20. The carbon fiber rod is used to obliquely cut through one side of the wing marking line (both the inner and outer ends of the wing are operated in this way), so that the aileron control surface can move up and down, and the wing can bend down along the longitudinal marking line of the center.



21. Install the inner wing.



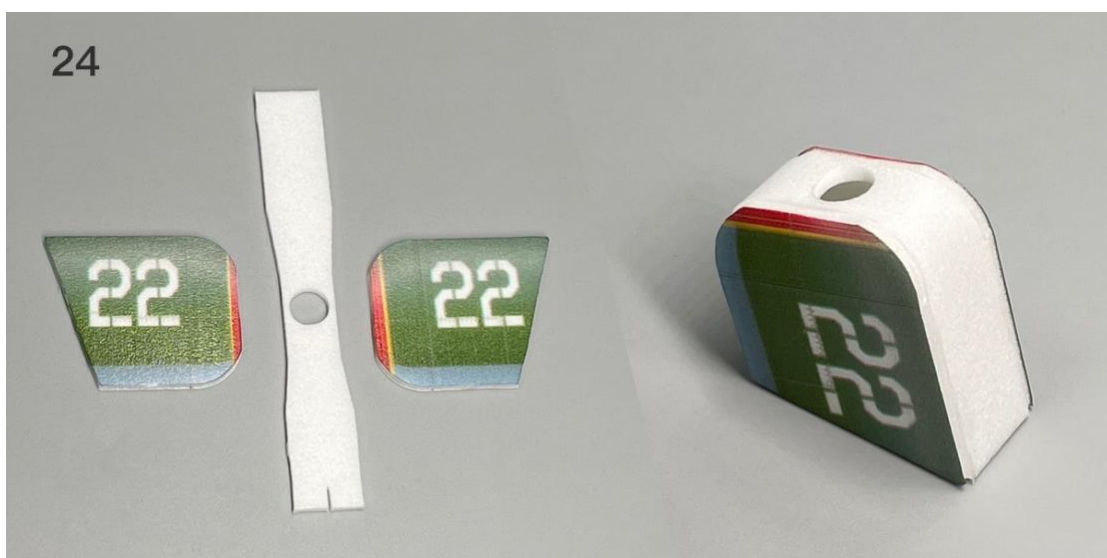
22. The top of main landing gear is bent inward for 90 degrees.



23. Use glue to fix the main landing gear according to the marking position, and paste the landing gear reinforcing piece.



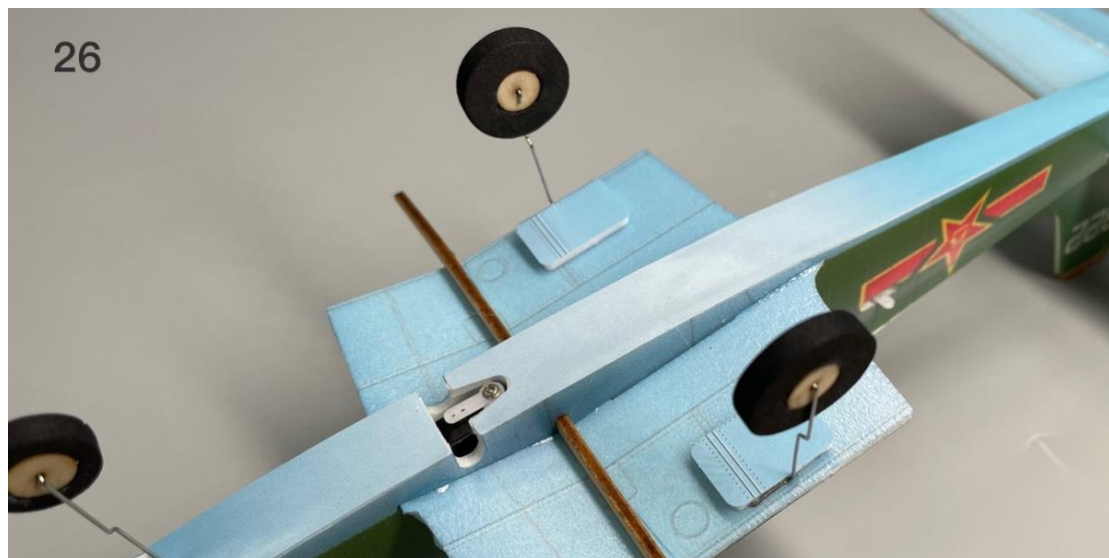
24. Combined hood.



25. Paste the hood sticker.



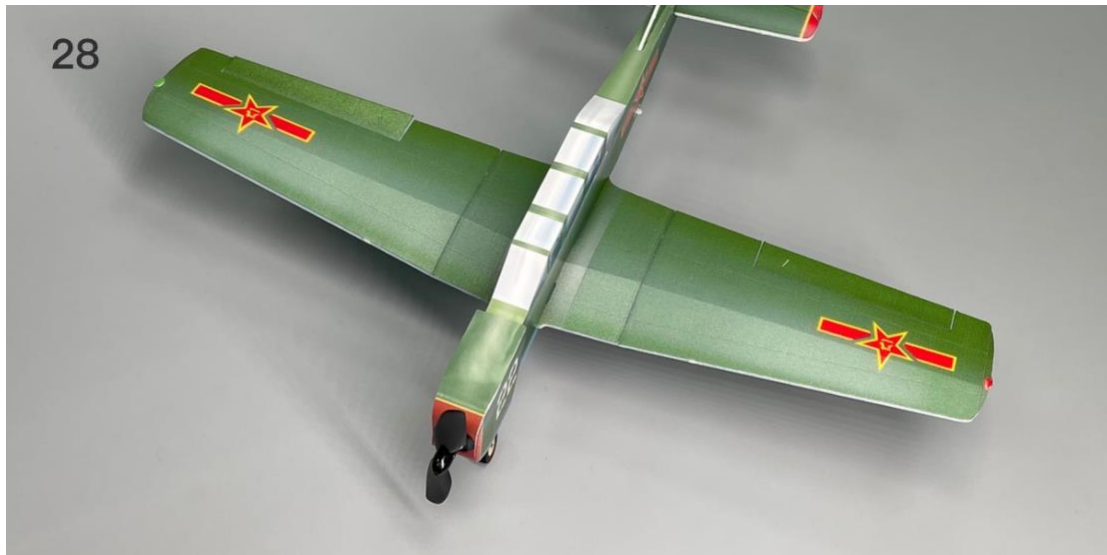
26. Thread the wheels into the landing gear steel wire, and bend the outer end of the steel wire with pointed nose pliers. Or: put 2mm heat shrinkable pipe into the outer end of steel wire, and fix the pipe with glue to hold the wheels.



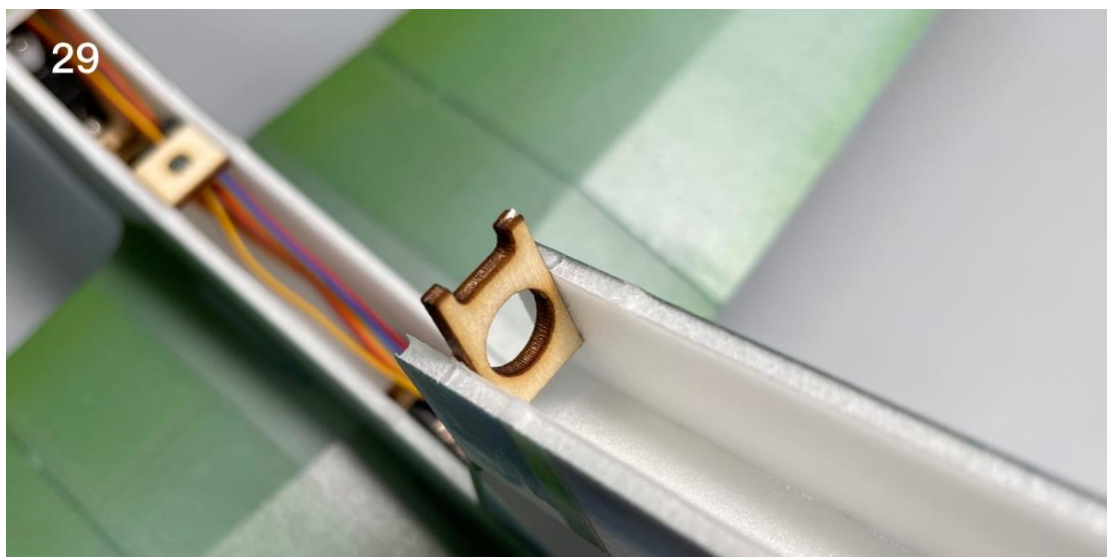
27. Insert the hood and install the propeller.



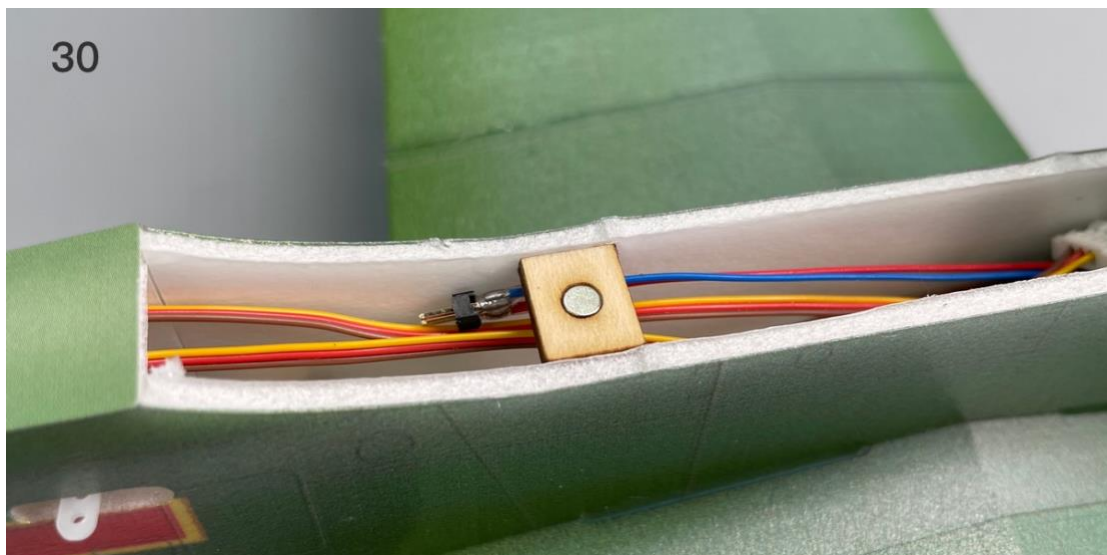
28. Install the outer end of the wing. Please pay attention to keep both wings symmetrical.



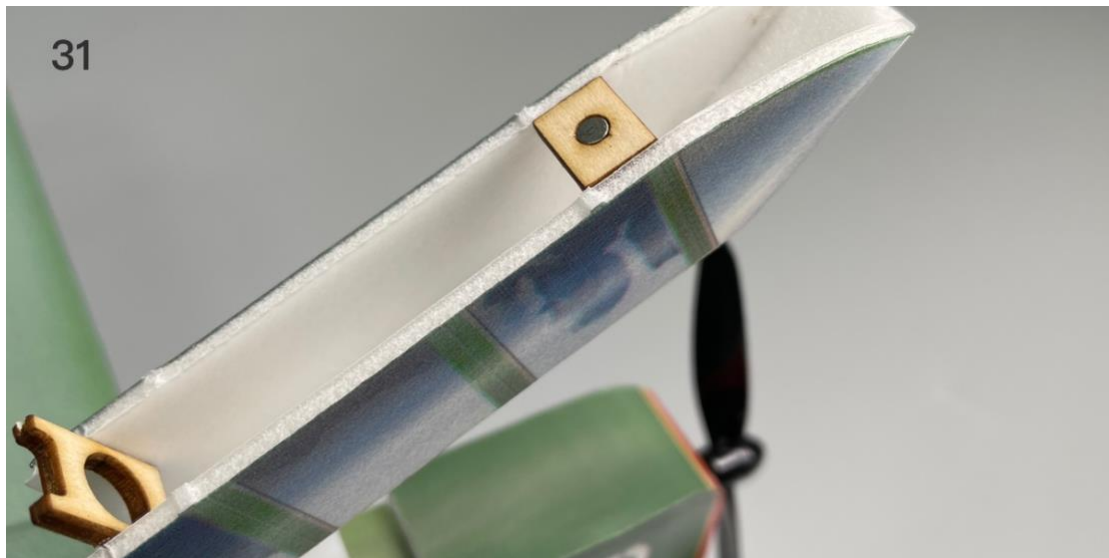
29. Cut off the connection between the hatch cover and the fuselage so that the hatch cover can be lifted. Fix the battery baffle with glue at the marked position on the inside of the hatch cover, and the extension length of the battery baffle is about 5mm.



30. Fix the magnet on the fuselage with the magnet holder.



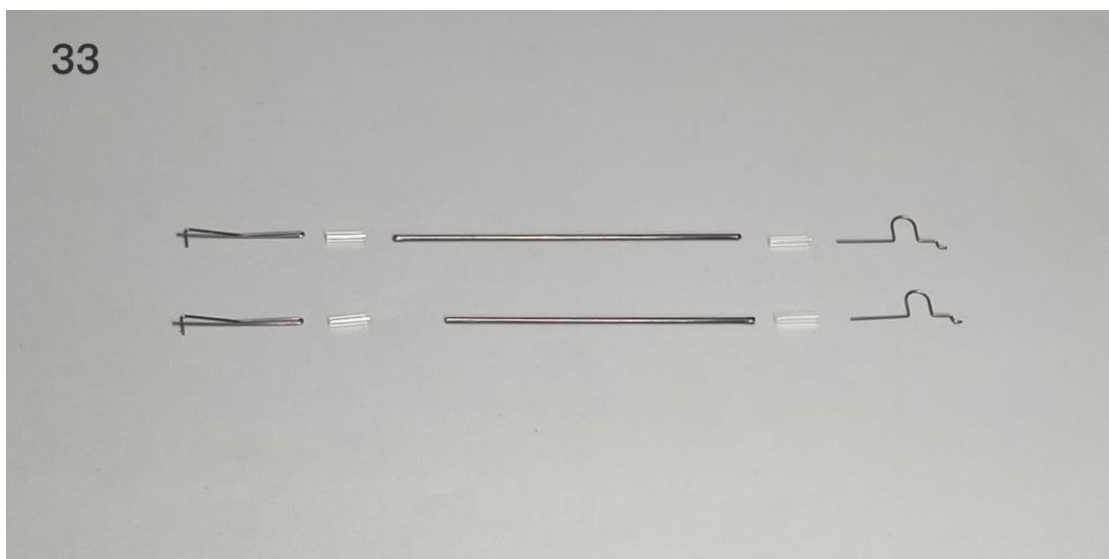
31. Fix the magnet in the corresponding position of the hatch cover with the magnet holder.



32. Install control horns on the rudder and elevator.



33. Use heat shrinkable tube to connect tail push rod and steel wire clip.



34. Use heat shrinkable tube to connect the pull rod and steering gear wire clip, and drip 502 glue to fix them.



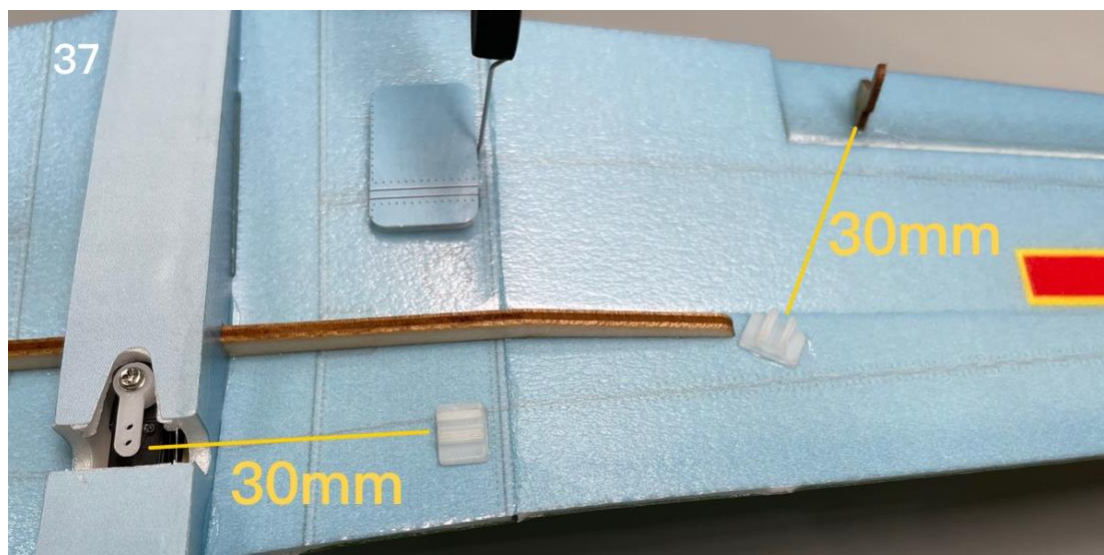
35. Connect the servo arm and control horn with pushrod.



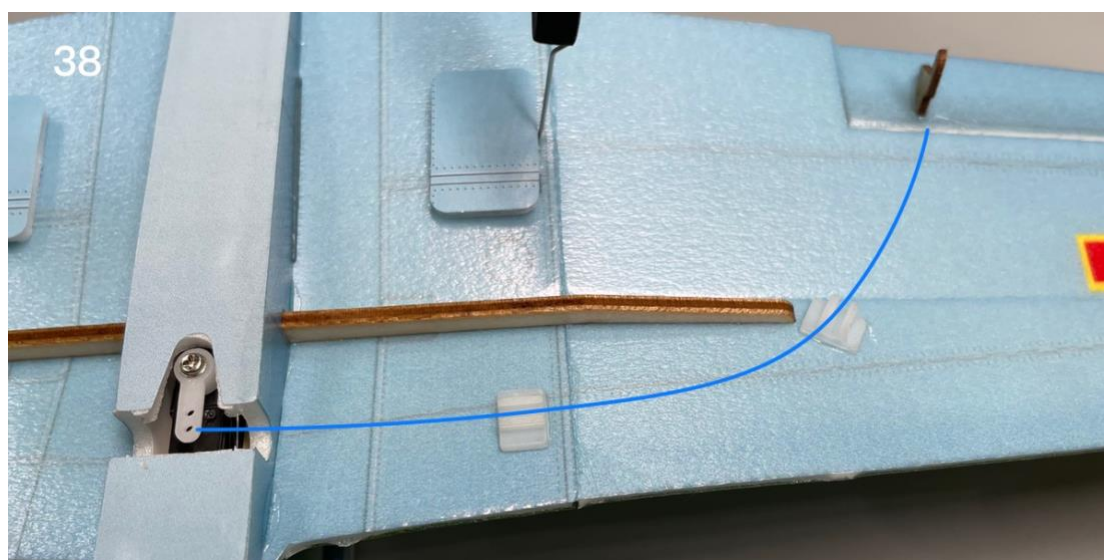
36. Install the aileron control horn.



37. Use UFO glue to fix the conduit base according to the position shown.
Please wait until the glue is completely cured before the next installation step.



38. Reference: the blue curve in the figure shows the position of the transmission steel wire.
Please wait until the glue of the conduit base is completely cured before proceeding to the next installation step.



39. Use 502 glue to fix the conduit on the base. Note that 502 glue is not accessible to foam parts.



40. Aileron wire drive system. Bend the steel wire as shown to decrease resistance.



41. Connect the steel wire and a servo clip with heat-shrinkable tube and fix them with 502 glue.



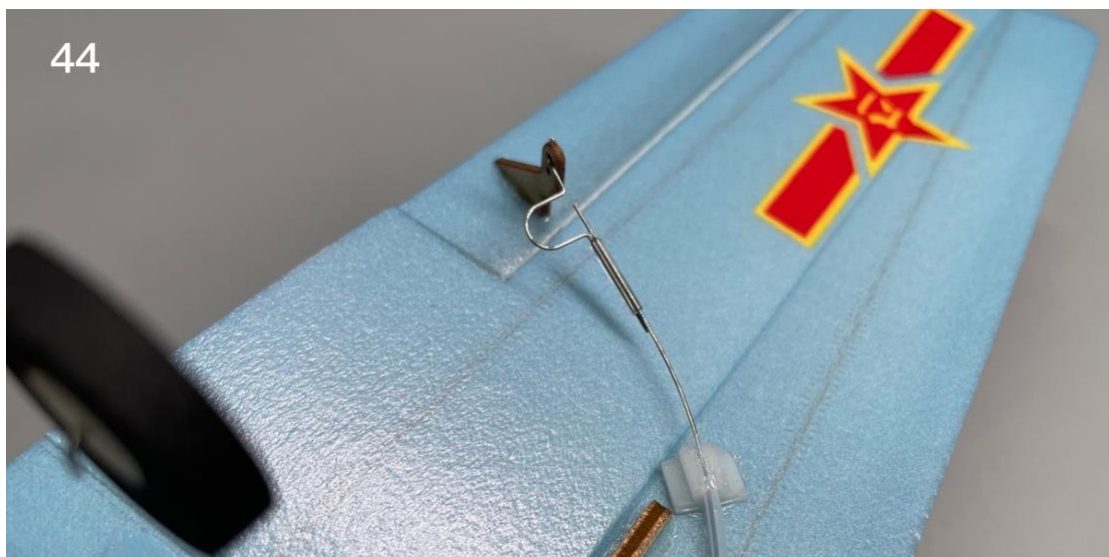
42. Attach the pushrod clips to the aileron control horns.



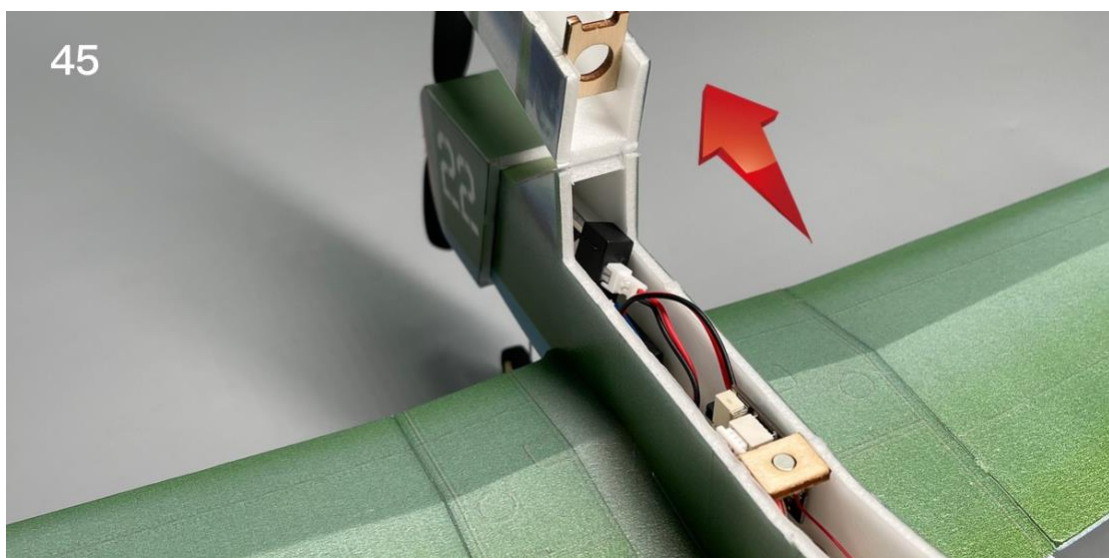
43. Attach the steel wire clip to the same hole of aileron servo arm.



44. Connect the aileron servo to a powered receiver to make sure the servo arm is on its central position. Connect the steel wire and clips with heat-shrinkable tube and fix with glue. (Note: Using fire may damage foam material. Please use electric soldering iron.)



45. The receiver is placed in the middle of the cabin and the battery is placed in the front of the cabin. When the hatch is closed, the baffle on the hatch will limit the movement of the battery.



Assembly complete!



Maiden flight

- The center of gravity is 15 mm from the leading edge of the wing. When using the recommended battery (MinimumRC 3.7v 260mah), it won' t need to adjust the CG).
- The range of rudder, elevator and aileron movement is 5 mm for each side. Please adjust the rudder surface to complete level before the maiden flight.

Enjoy your flight!

Explore the ultimate possibility of RC aviation
shop.makerfire.com