

Minimum RC™

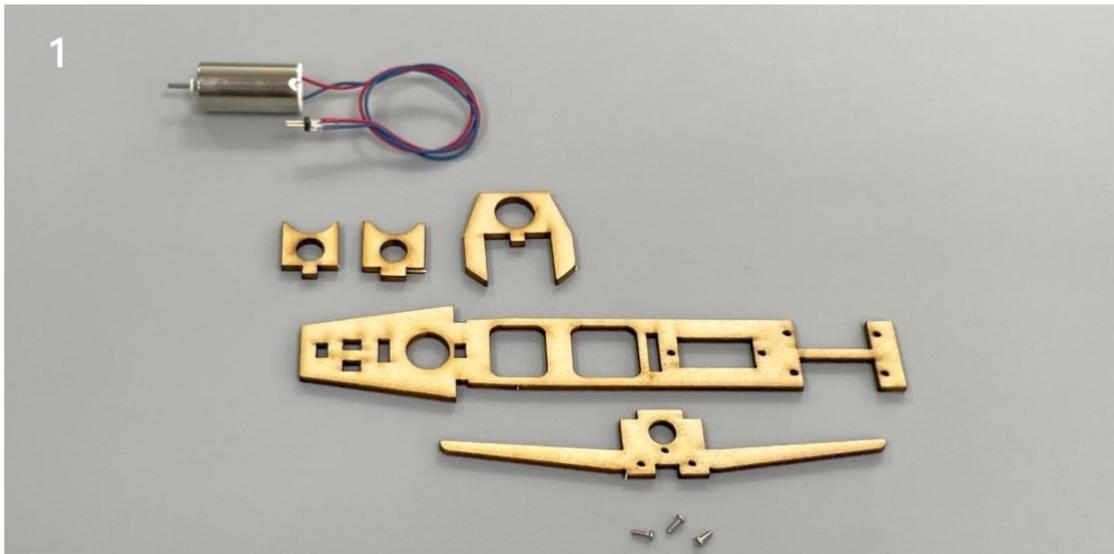
Tigermoth Assembly Instructions



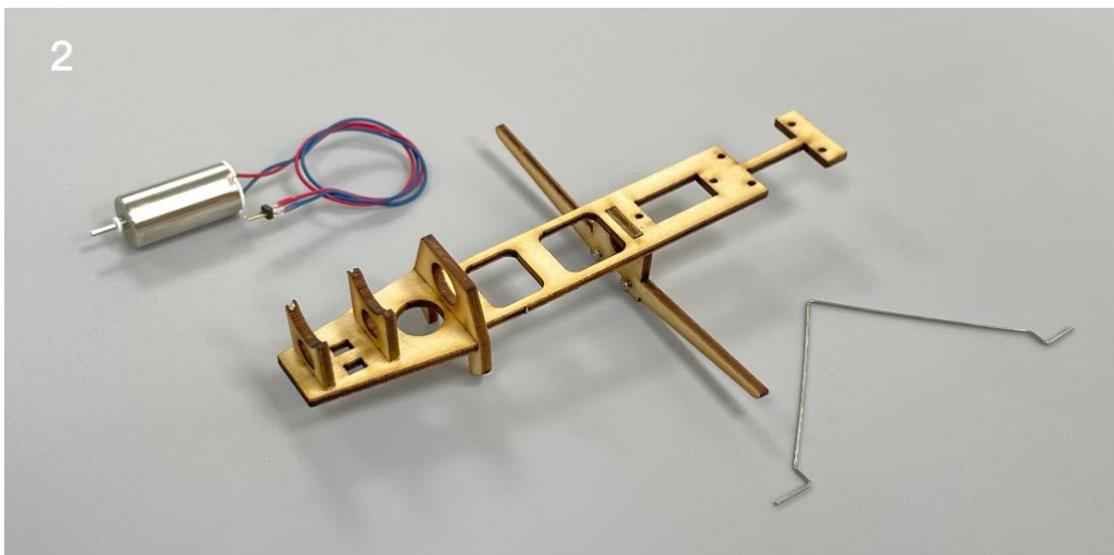
Important notification

- 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. Fuselage internals.



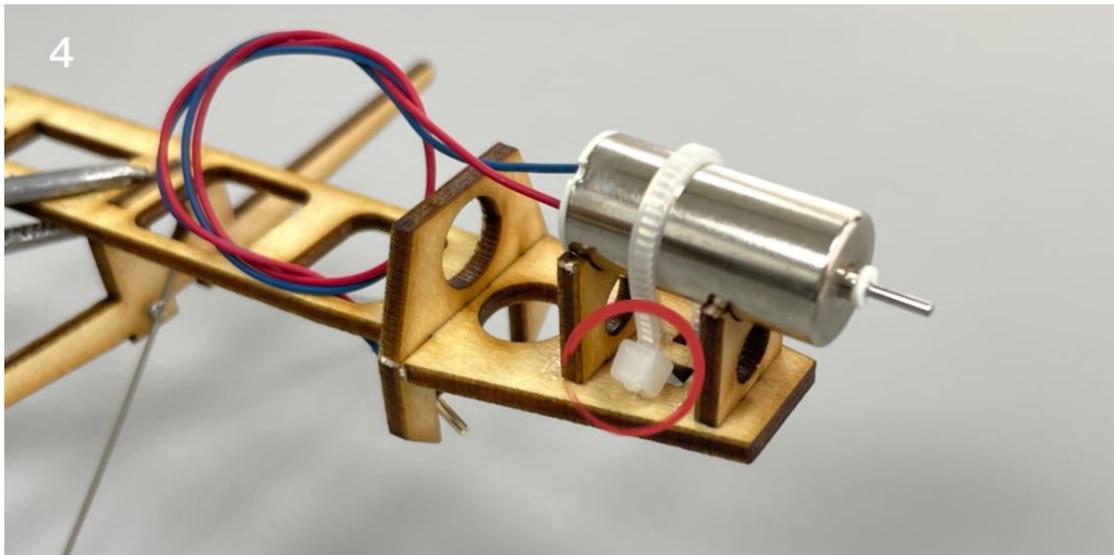
2. Bond the plywood structure with CA glue.



3. Fix the landing gear steel wire with m1x3 screws.

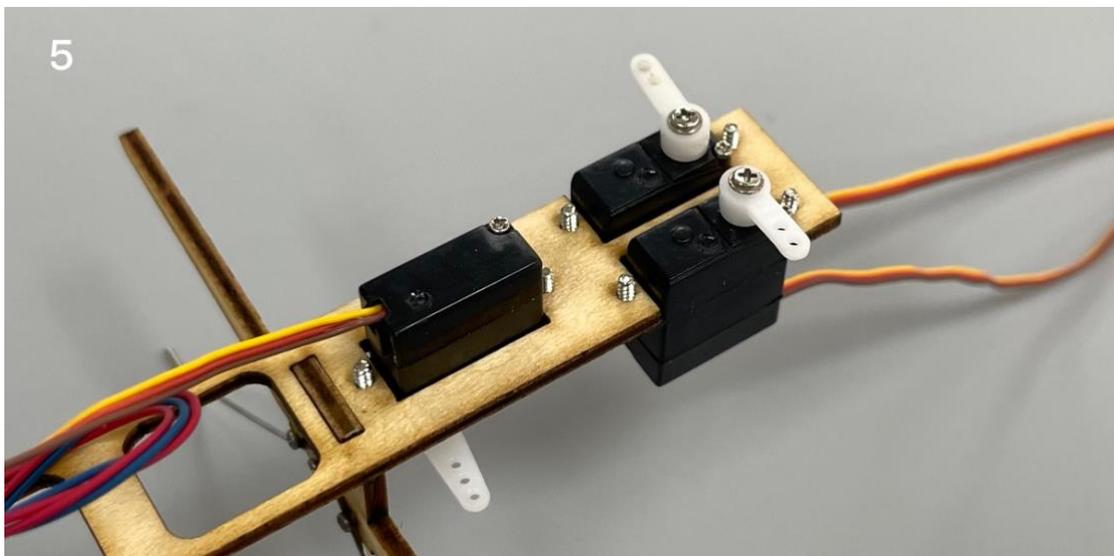


4. Fix the motor with a tie and use 502 glue on the side for reinforcement. Please pay attention to the position of the tie head shown in the figure.

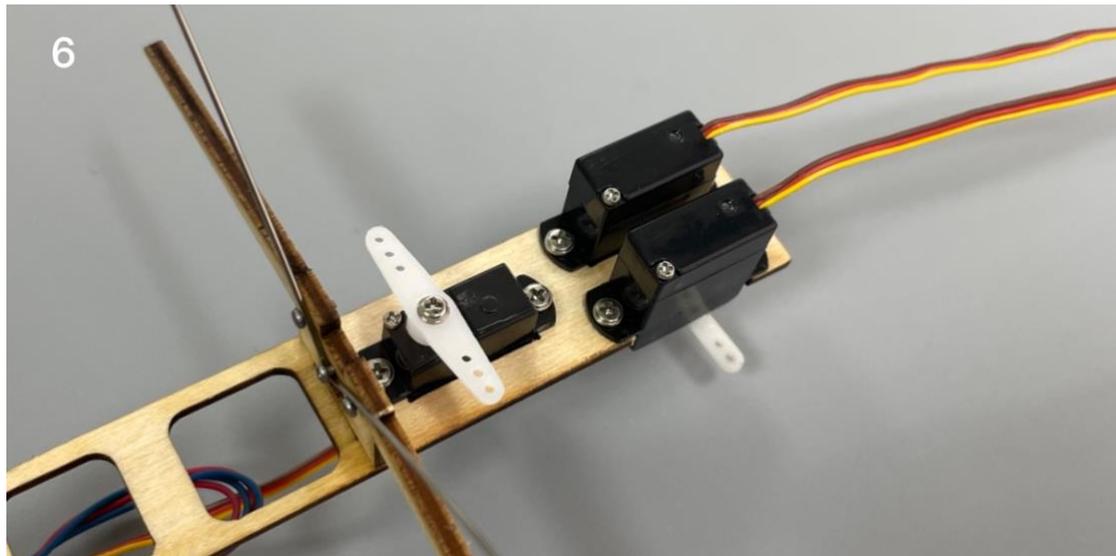


5. Connect the servos to a powered receiver. Bind the receiver with your transmitter to make the servos arms return to their neutral point. Test whether the servos are working correctly, and install the servo arms according to the position shown in the picture.

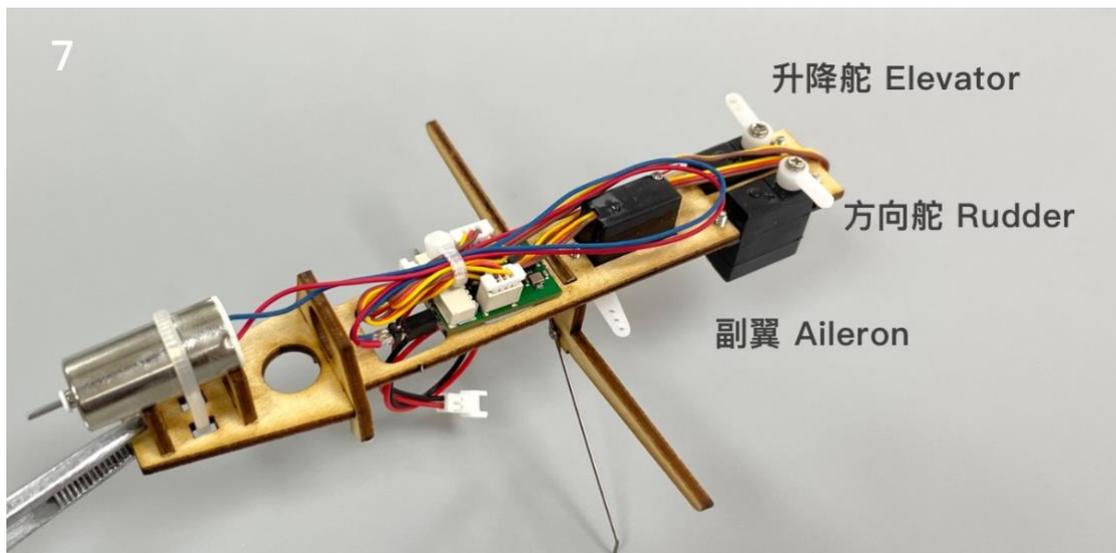
Note: Please make sure that the servos have been tested and installed in strict accordance with the following picture. After assembling the model, it will be not able to adjust.



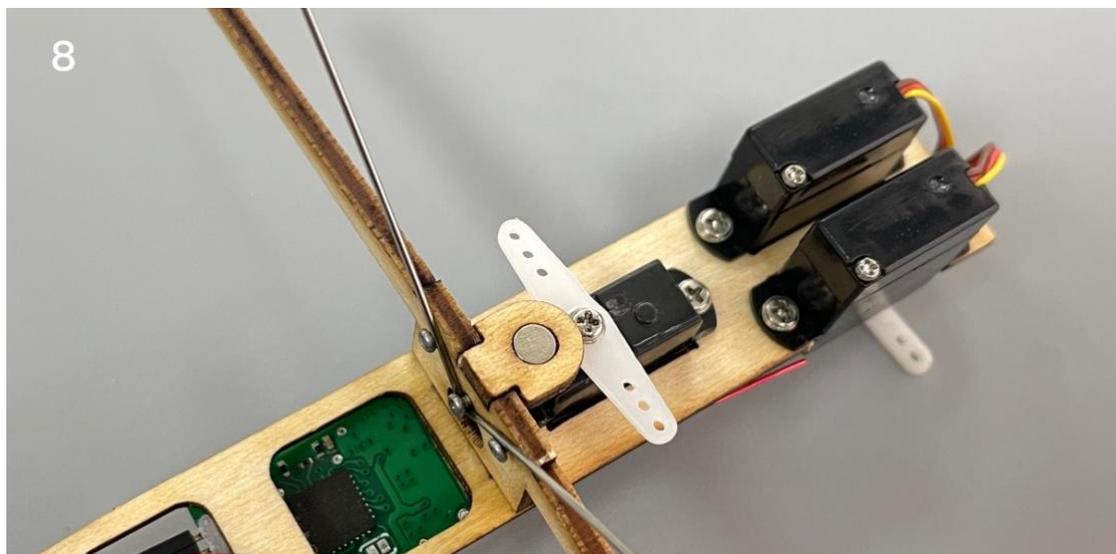
6. (Bottom view) The three servos are installed and fixed under the plywood board.



7. Connect the receiver to the motor, install the propeller and test whether the rotation direction of the motor is correct. Test whether the corresponding relationship between the three servos and the transmitter channel is correct. After the test, fix the receiver with Velcro and tie the cables.



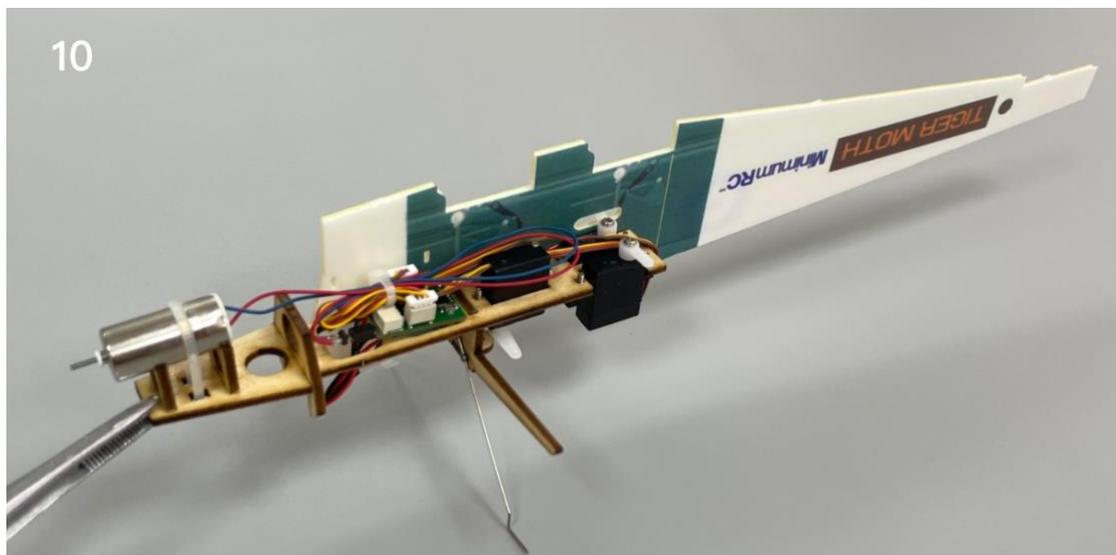
8. Install magnet base & magnet.



9. Fuselage parts.



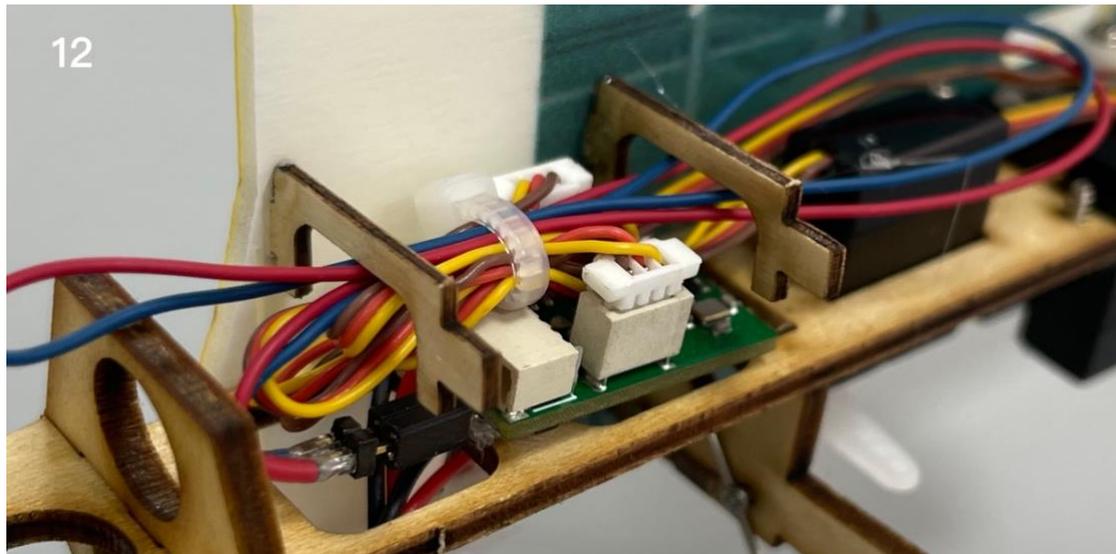
10. Align the scribed line on the inner side of the fuselage and fix the wooden structure with glue.



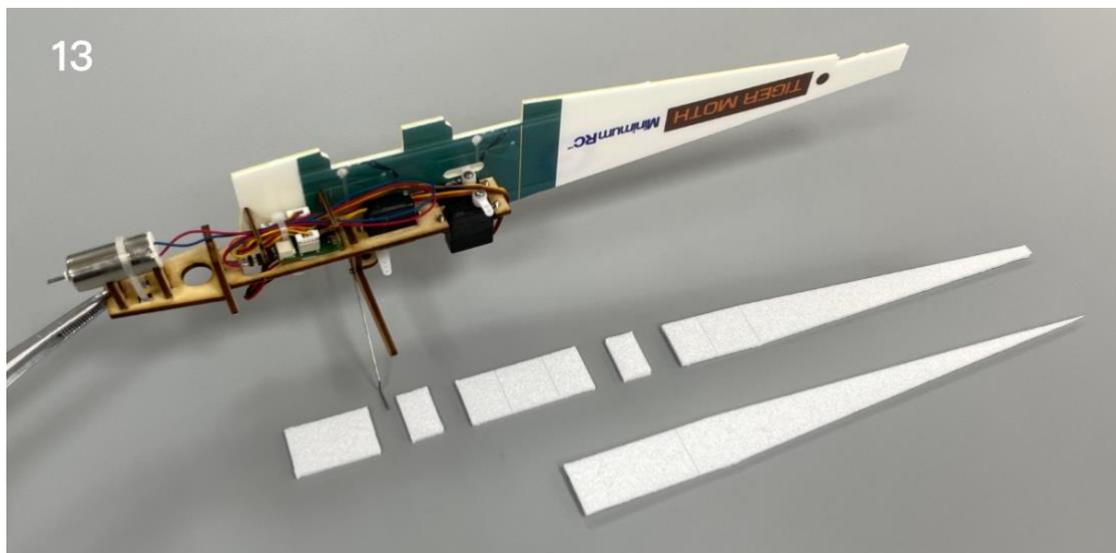
11. Upper wing support base parts.



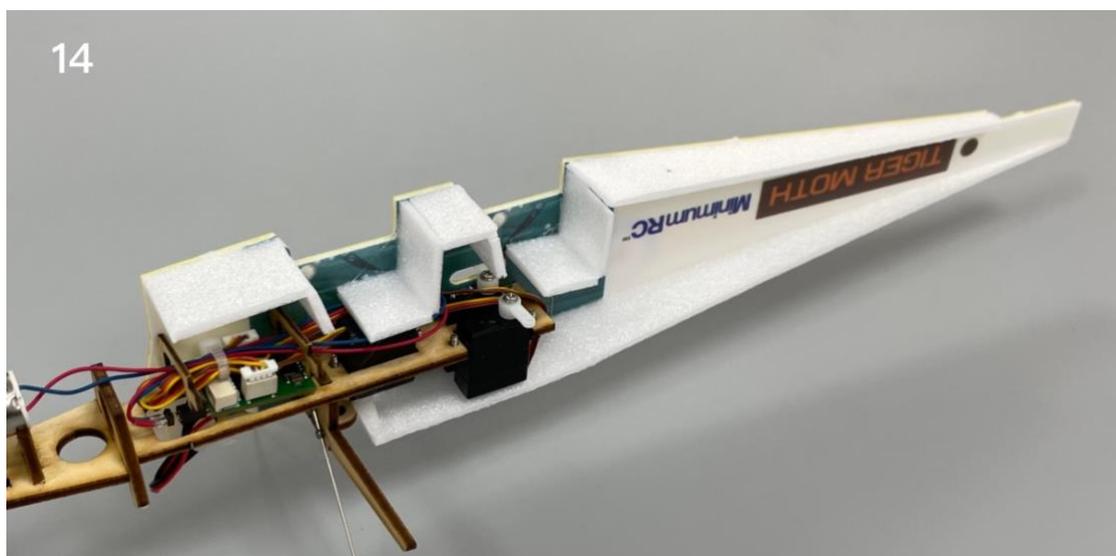
12. Install upper wing support base parts.



13. Top and bottom strip of the fuselage.



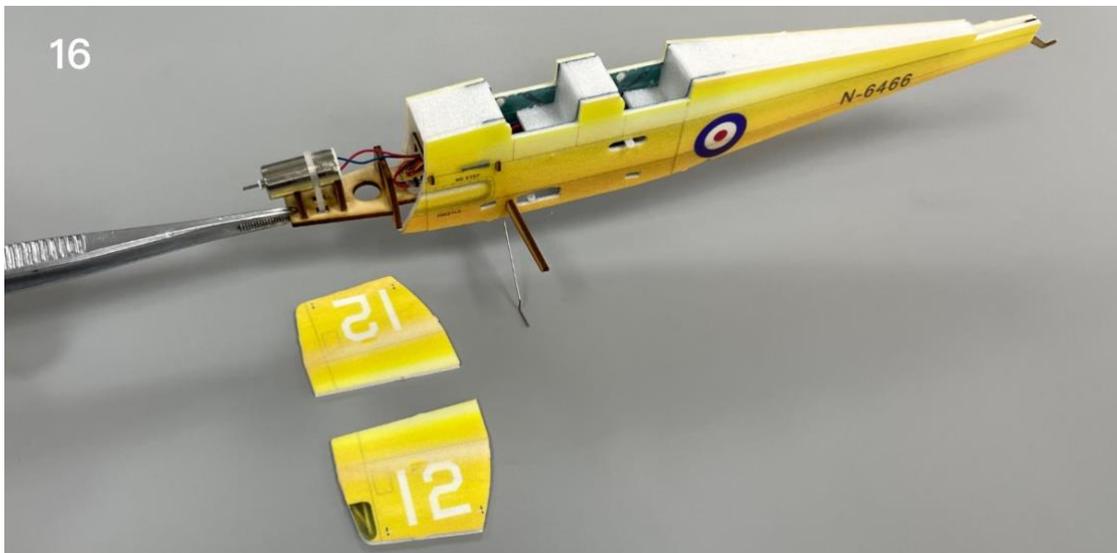
14. Fix the top and bottom strip of the fuselage with glue.



15. Install tail landing gear.



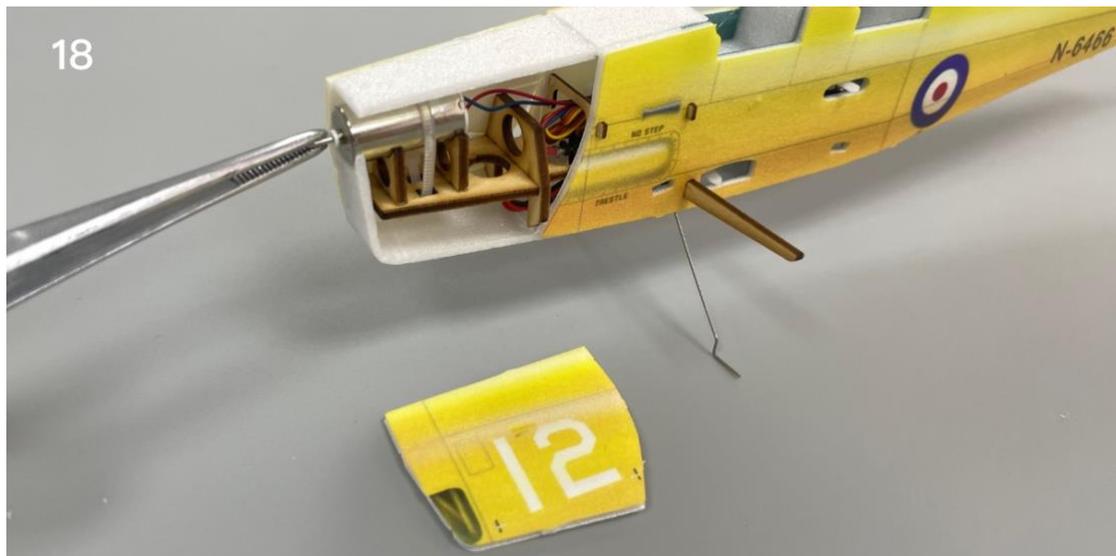
16. Bend the nose cover parts along the scribed line on the inner side.



17. Install nose cover on one side. Note: the position shown in the picture is the battery cover plate that can be opened. No glue shall be applied to the area marked by the yellow line.



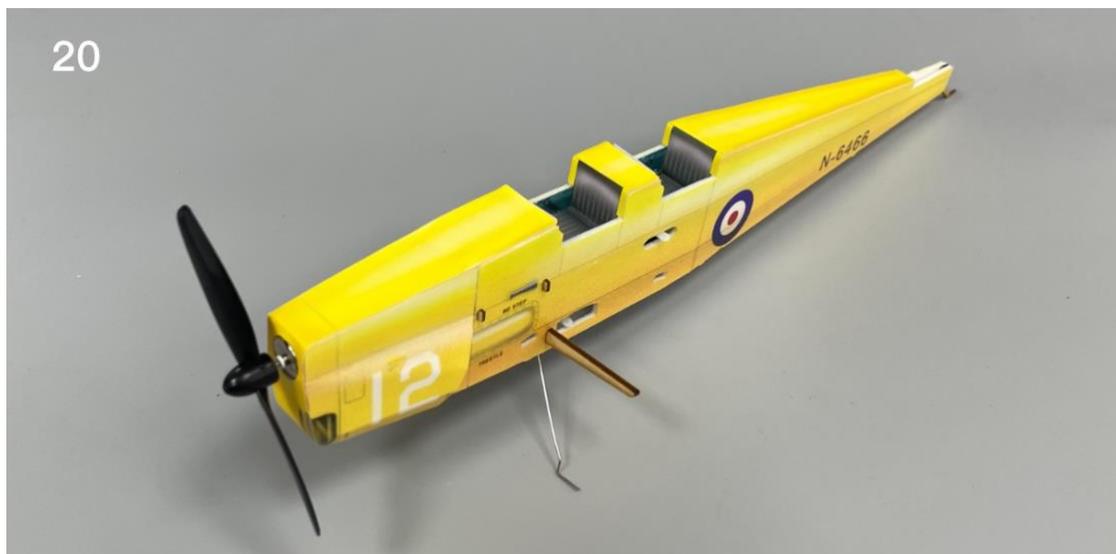
18. Fix the top and bottom strip of the nose with glue.



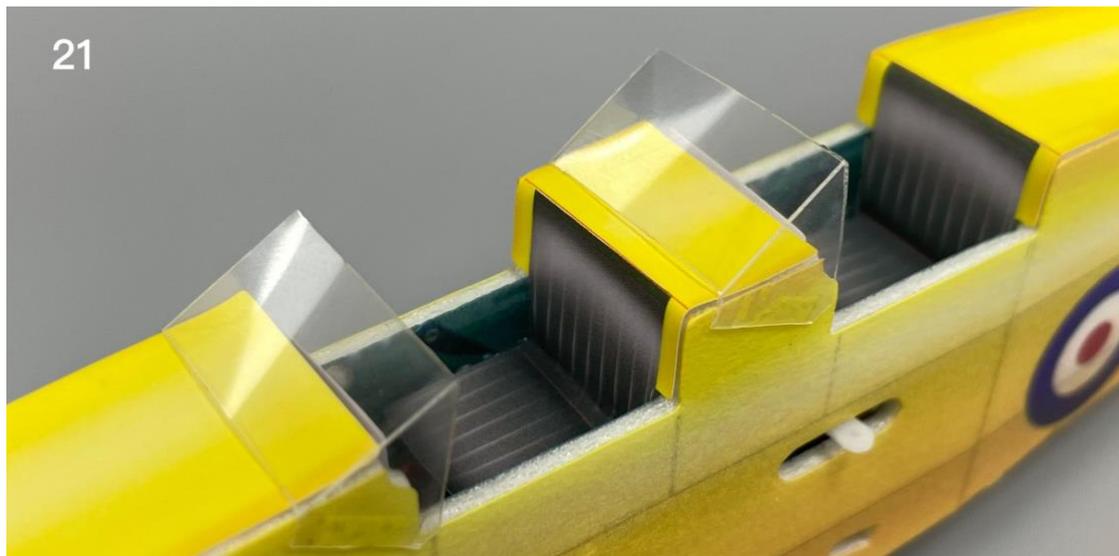
19. Combine nose.



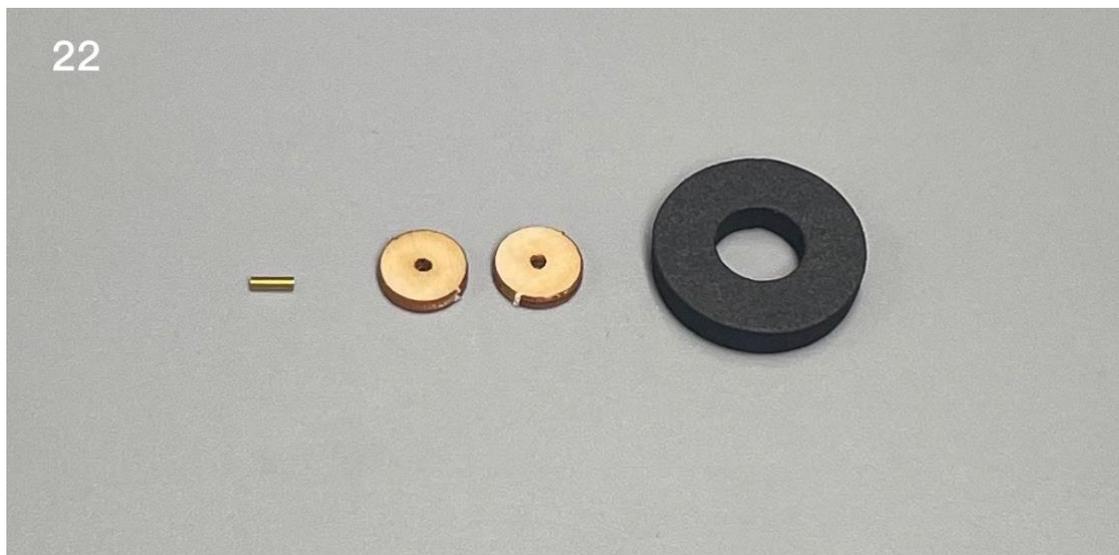
20. Paste stickers and install the propeller.



21. Install the windshields.



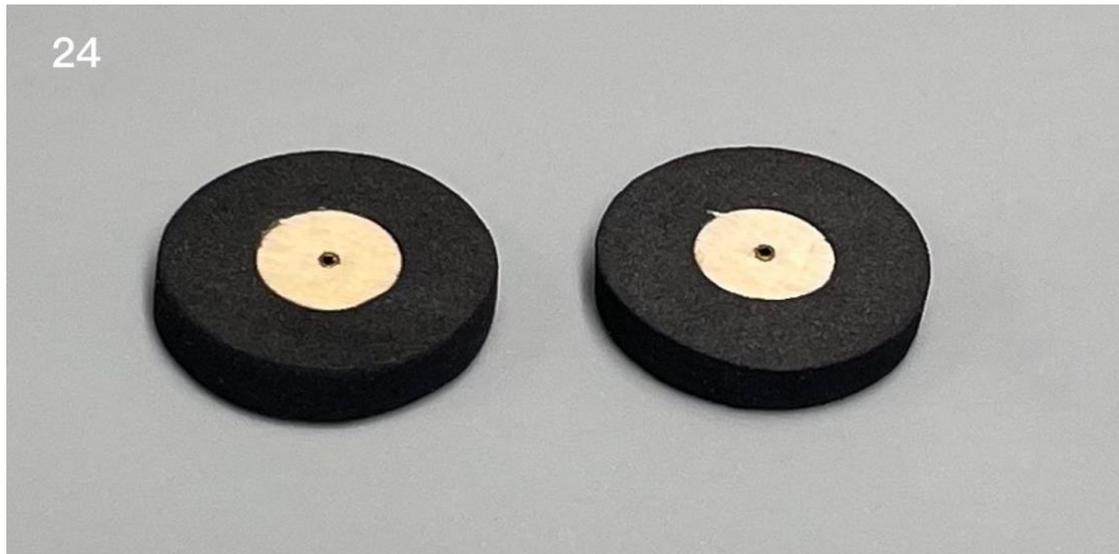
22. Insert the copper axle core into the center of the wood wheel core.



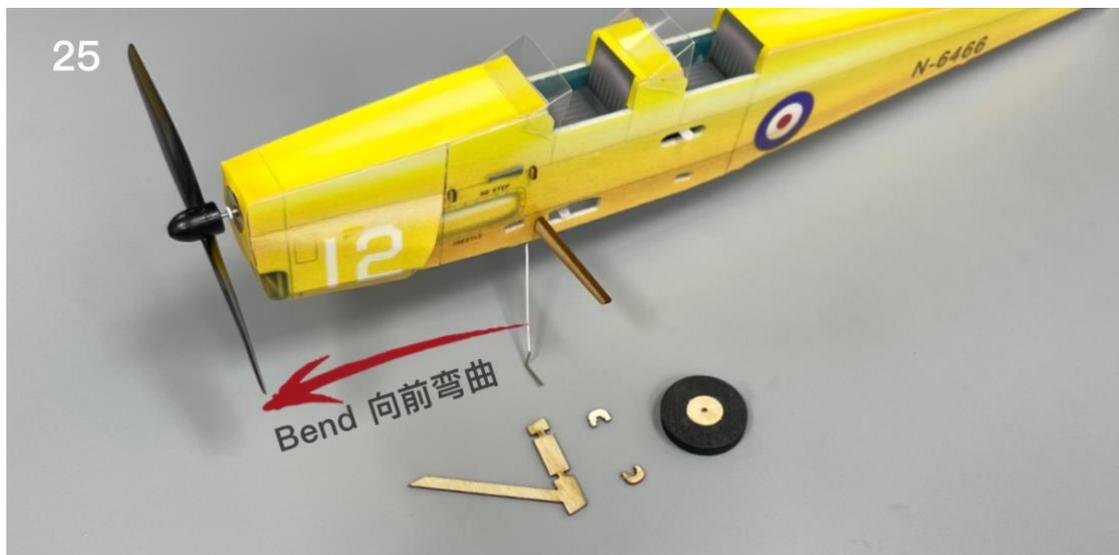
23. Glue the tires.



24.



25. Slightly bend the landing gear steel wire forward.



26. Install the landing gear cover plate and wheels. Bend the outer end of the steel wire with pointed nose pliers.



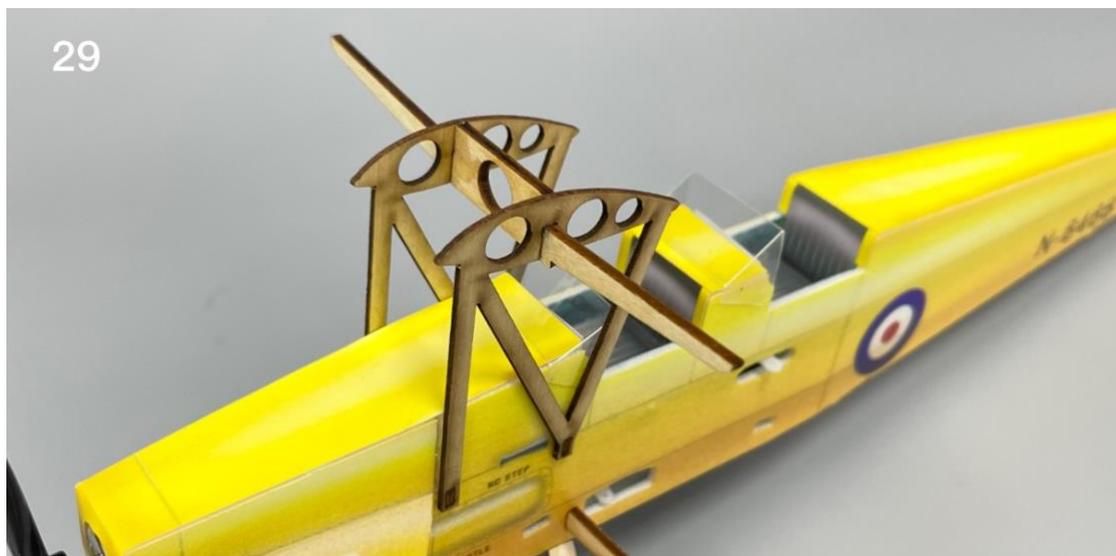
27. Landing gear details.



28. Upper wing support parts.



29. Install upper wing support.



30. Fuel tank side plates.



31. Install fuel tank side plates.



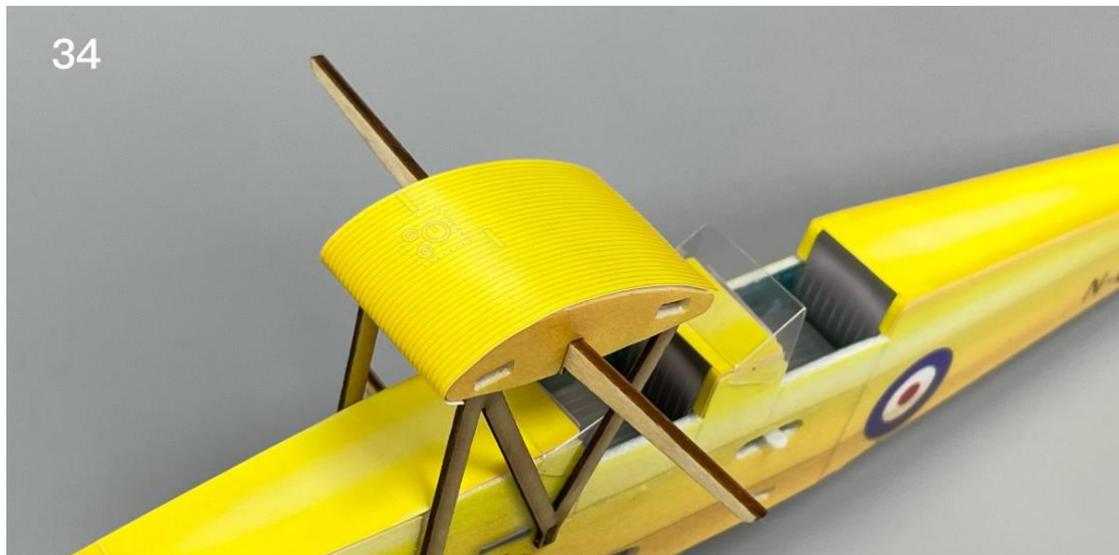
32. Bend the fuel tank cover along its shape.



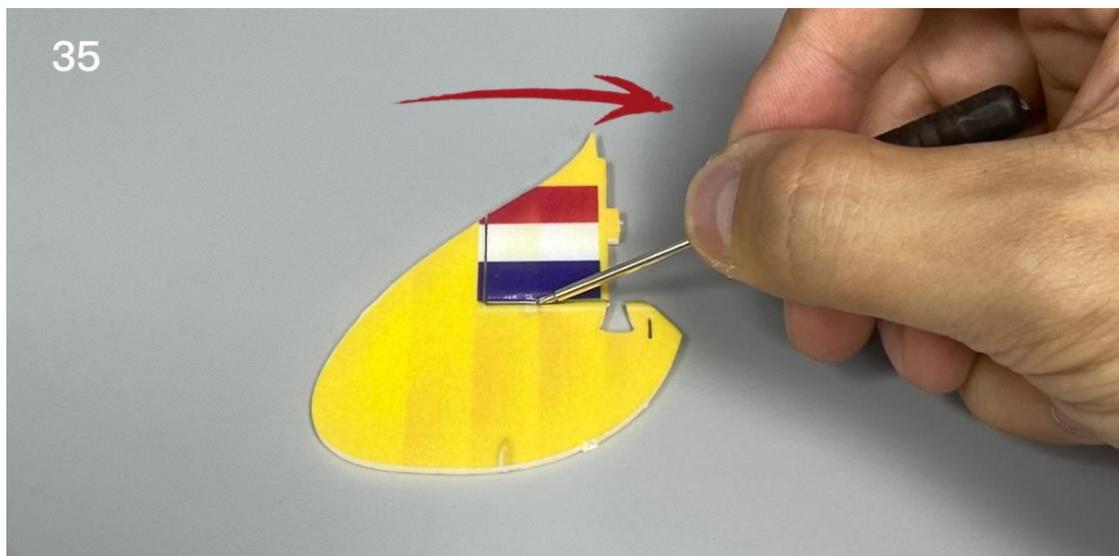
33. Install the fuel tank cover.



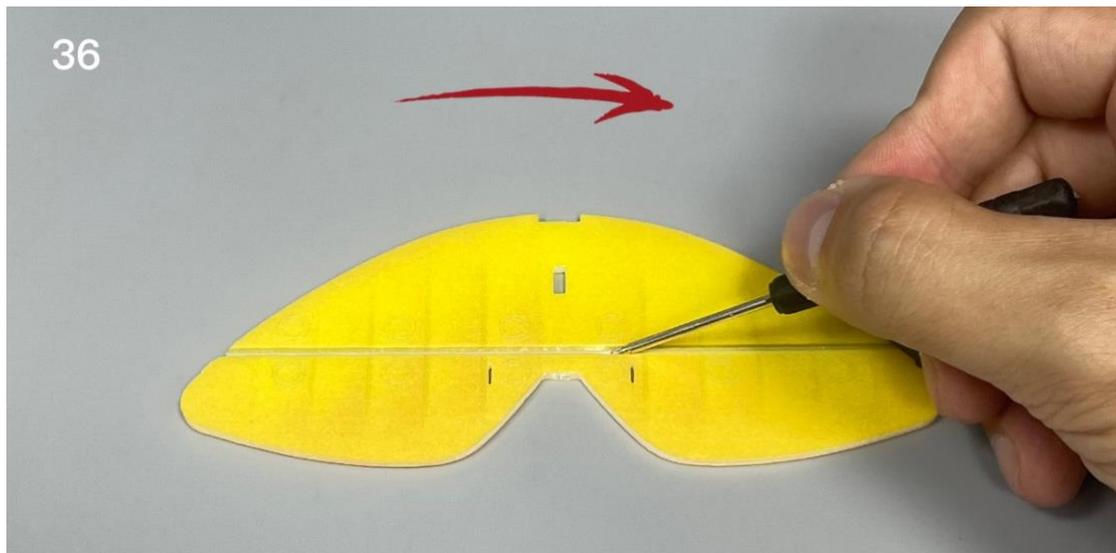
34. Paste sticker on the fuel tank.



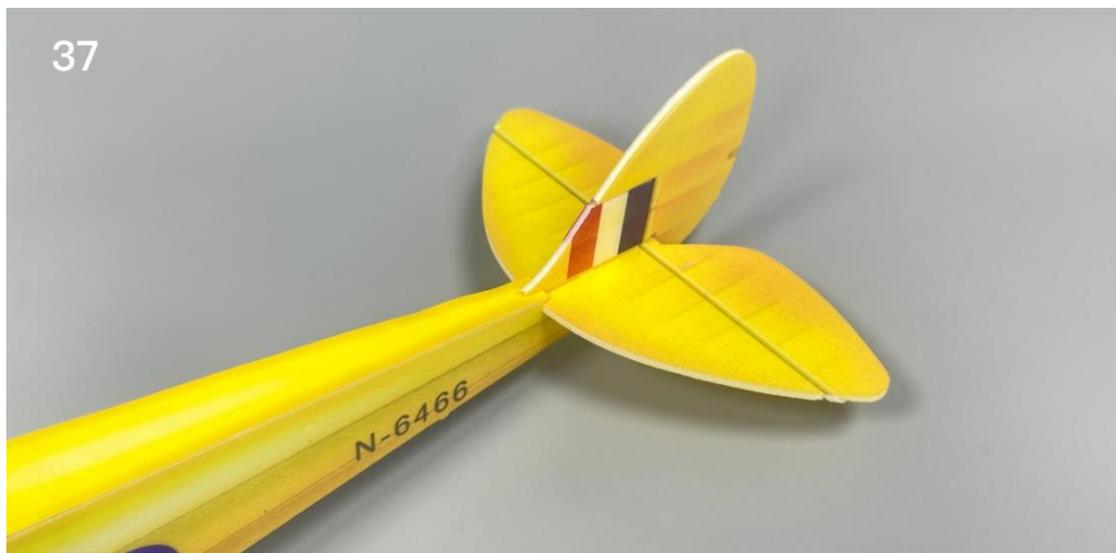
35. Use the end of a screw driver to score through the aileron half-cut line of the vertical tail.



36. Use the end of a screw driver to score through the aileron half-cut line of the horizontal tail.



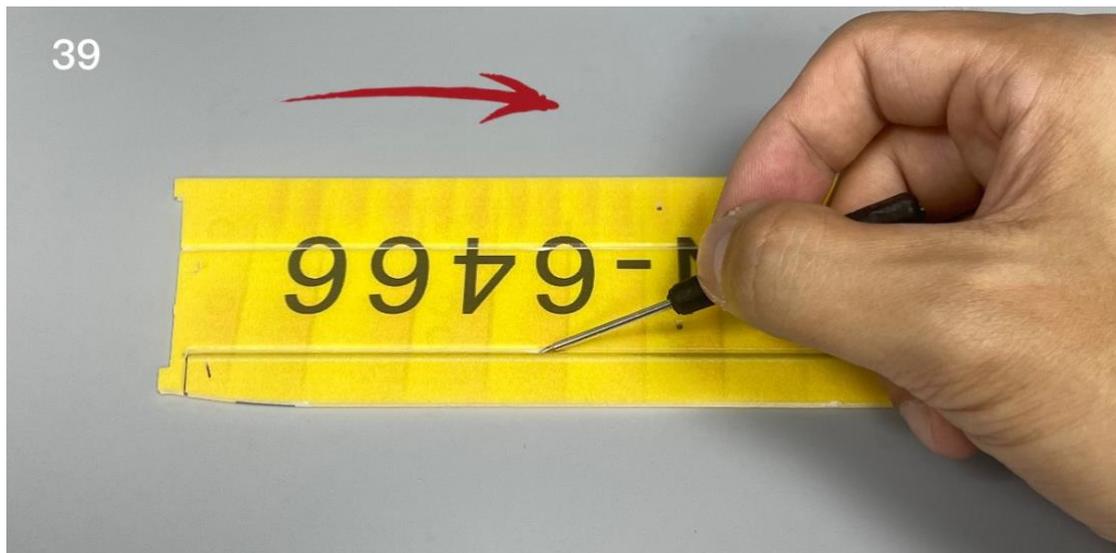
37. Install the tails.



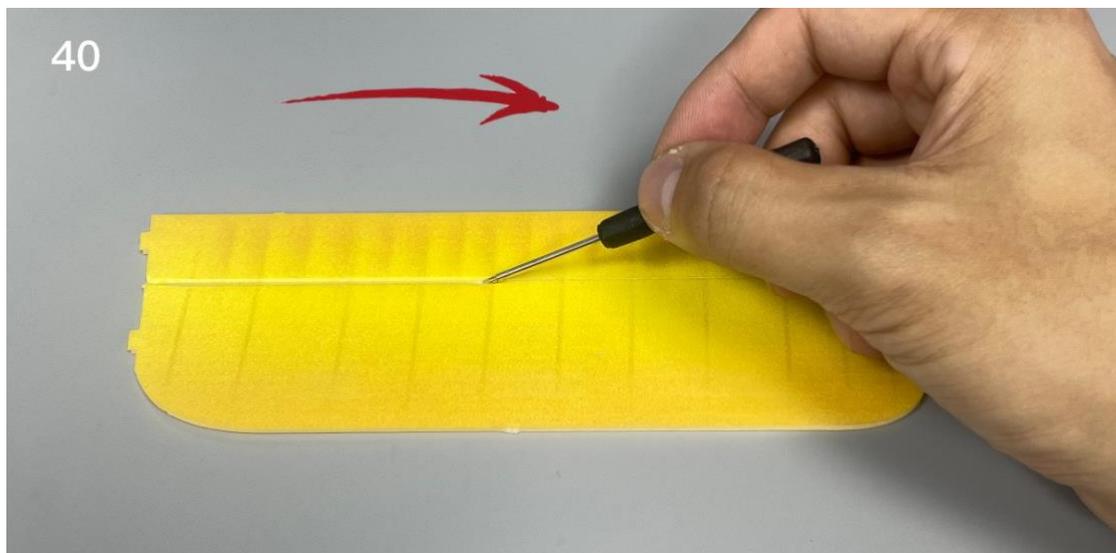
38. Use the end of a screw driver to score through the half-cut line of the lower wing surface.



39. Use the end of a screw driver to score through the aileron half-cut line of the aileron.



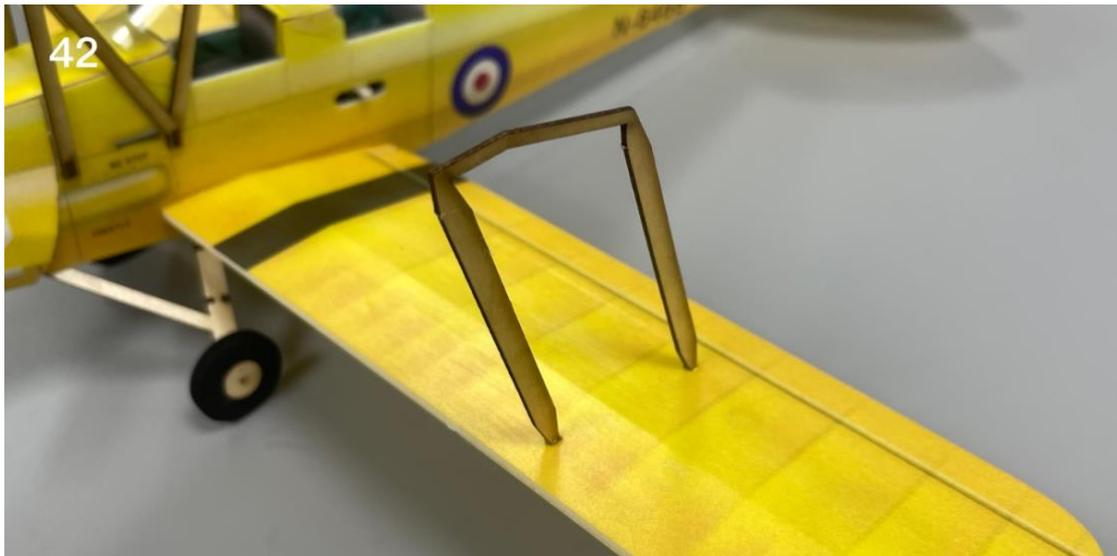
40. Use the end of a screw driver to score through the half-cut line of the upper wing surface.



41. Install the lower wing.



42. Install the side wing supports.



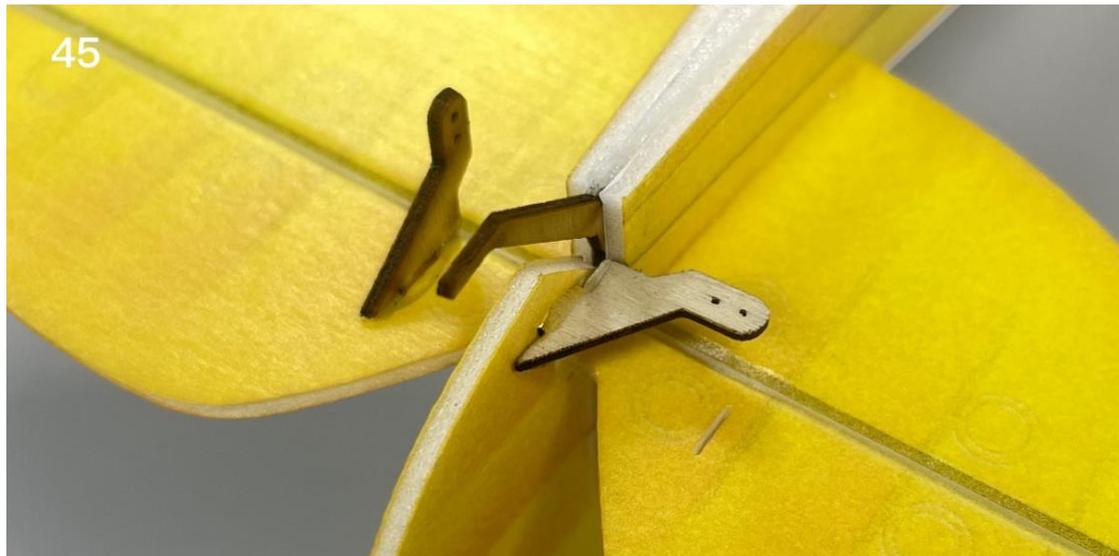
43. Install the upper wing.



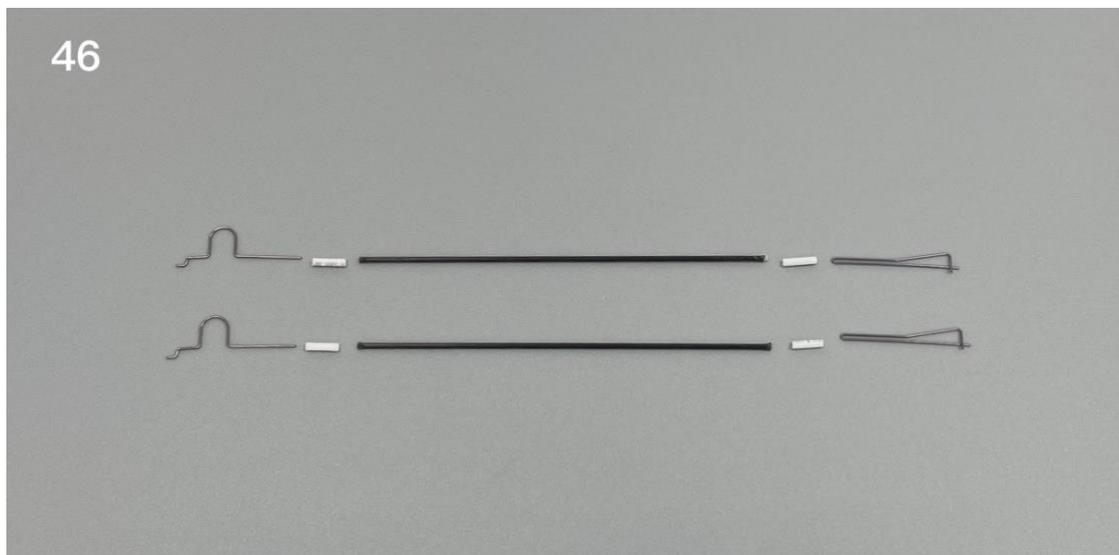
44. Install aileron control horns.



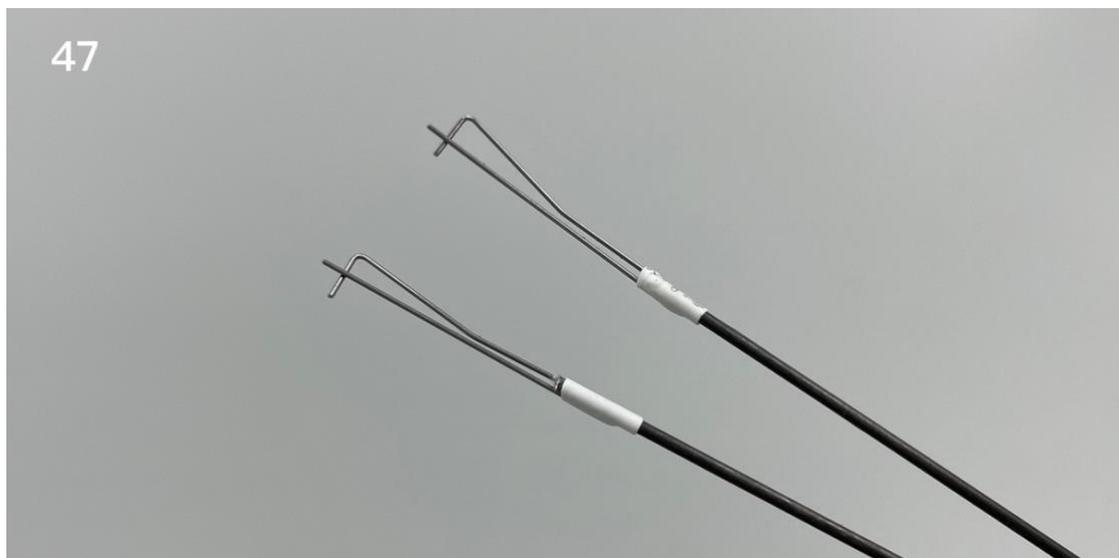
45. Install rudder and elevator control horns.



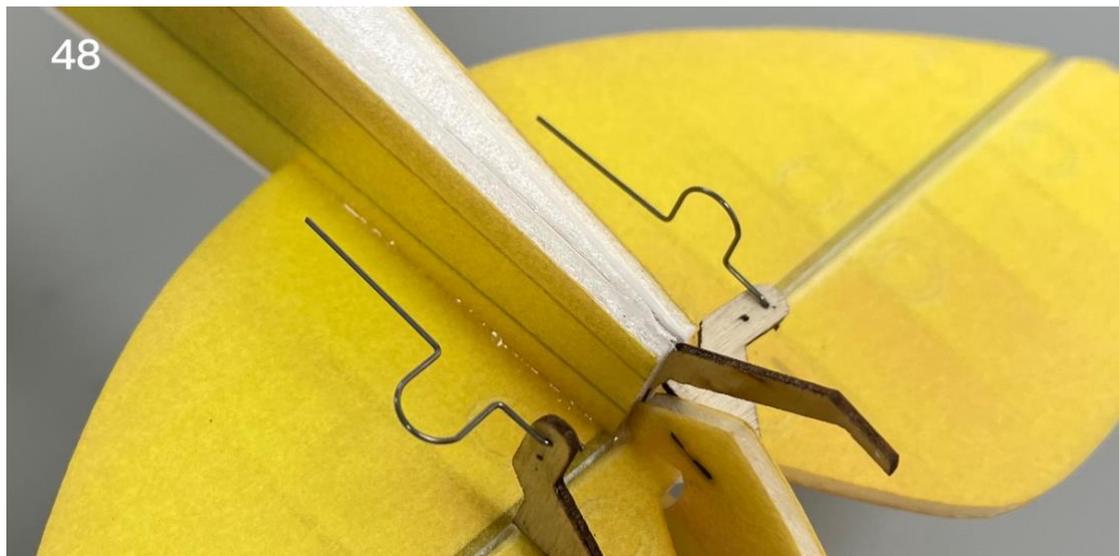
46. Use heat shrinkable tube to connect tail push rod and steel wire clip.



47. Use heat shrinkable tube to connect the push rod and wire clip, then use glue to fix them.



48. Attach the steel wire hooks to the control horns.



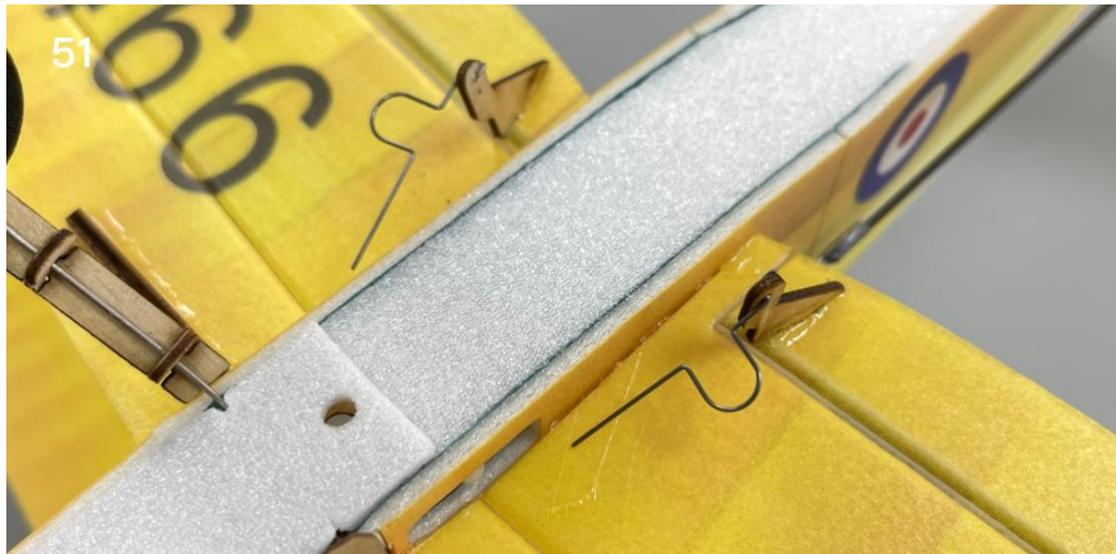
49. Attach the pushrods to the servo arms.



50. Cut the carbon rod to proper length and connect the wire hooks with heat shrinkable tubes.



51. Attach the steel wire hooks to the aileron control horns.



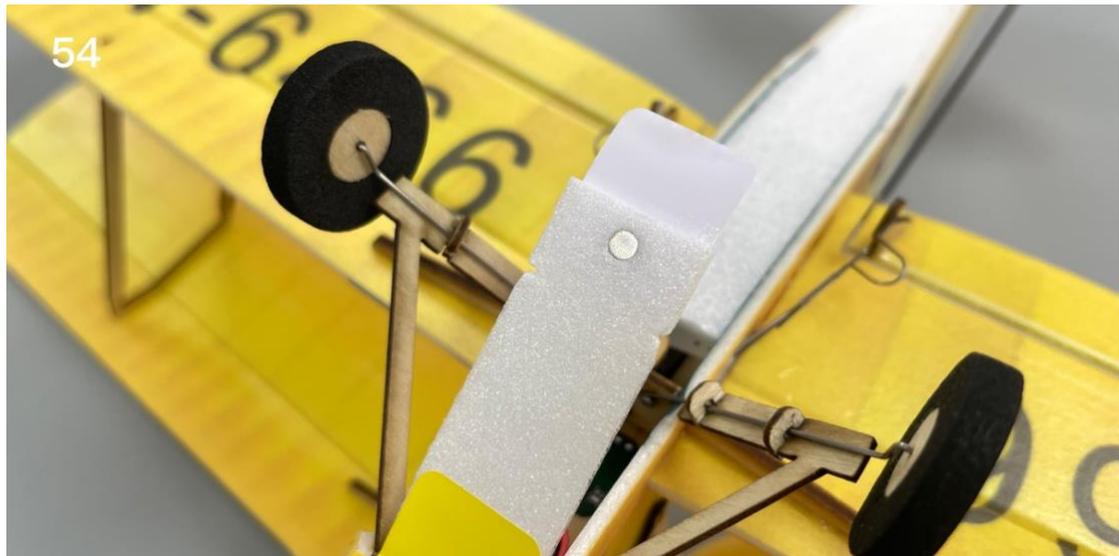
52. Attach the steel wire clips to the aileron servo arms. Connect the steel wire hooks and wire clips with heat shrinkable tubes.



53. Connect the aileron steel wire hooks and clips with heat shrinkable tubes on both sides.



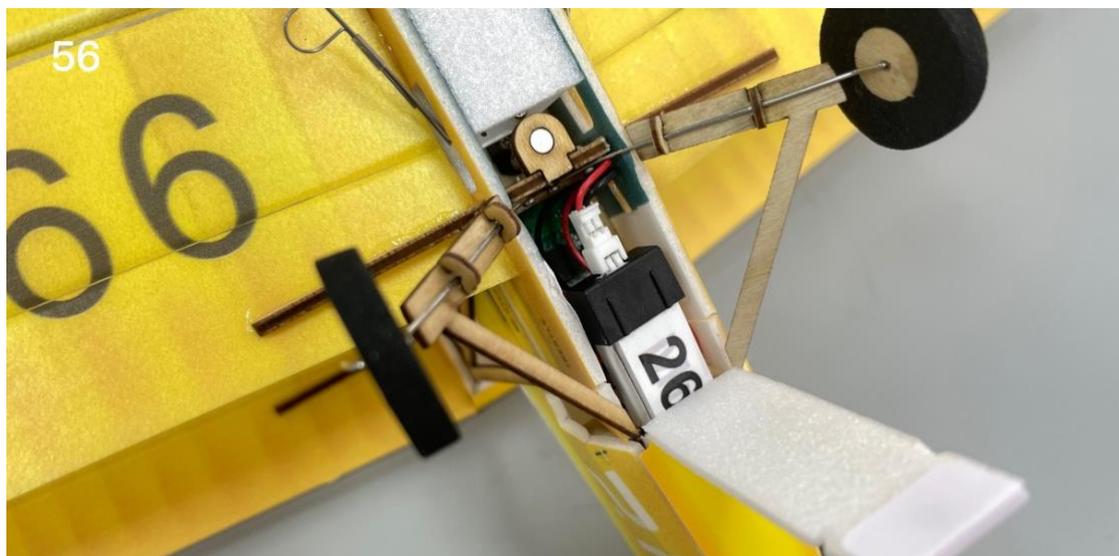
54. Fix the battery cover magnet with glue and cover it with stickers.



55. Fix the battery cover magnet with glue and cover it with stickers.



56. The battery is placed in the battery compartment.



Assembly complete!



Maiden flight

- The center of gravity of the aircraft is located at the front score line of the upper wing.
- The active range of ailerons, elevator and rudder is 5mm on both sides.
- choose grass land for maiden flight.

MinimumRC™

*THE ULTIMATE POSSIBILITIES OF
RC AVIATION*