

Minimum RC™

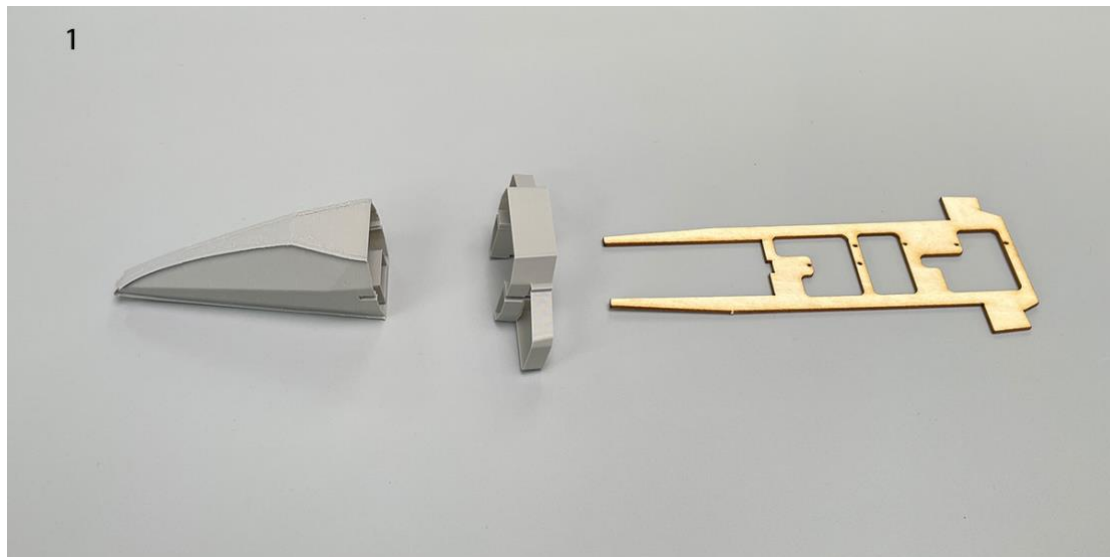
Savannah Jet Assembly Instructions



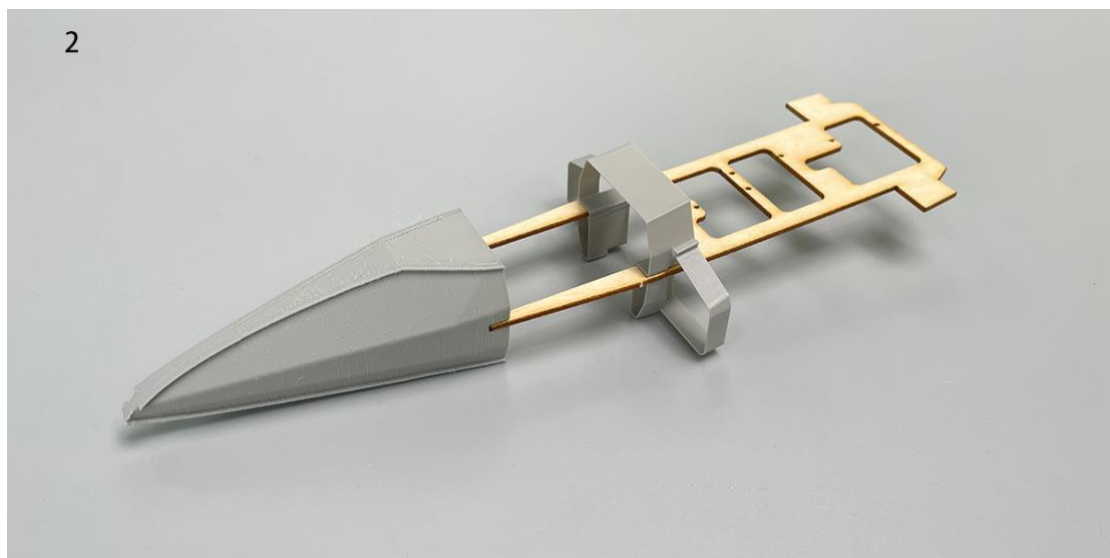
Important Instructions

1. The model is supplied with UFO glue and 502 (CA) glue. UFO is for bonding foam parts, and 502 for bonding wood, carbon fiber and metal parts. Unless otherwise specified, do not apply 502 glue onto foam parts which will cause serious corrosion.
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.

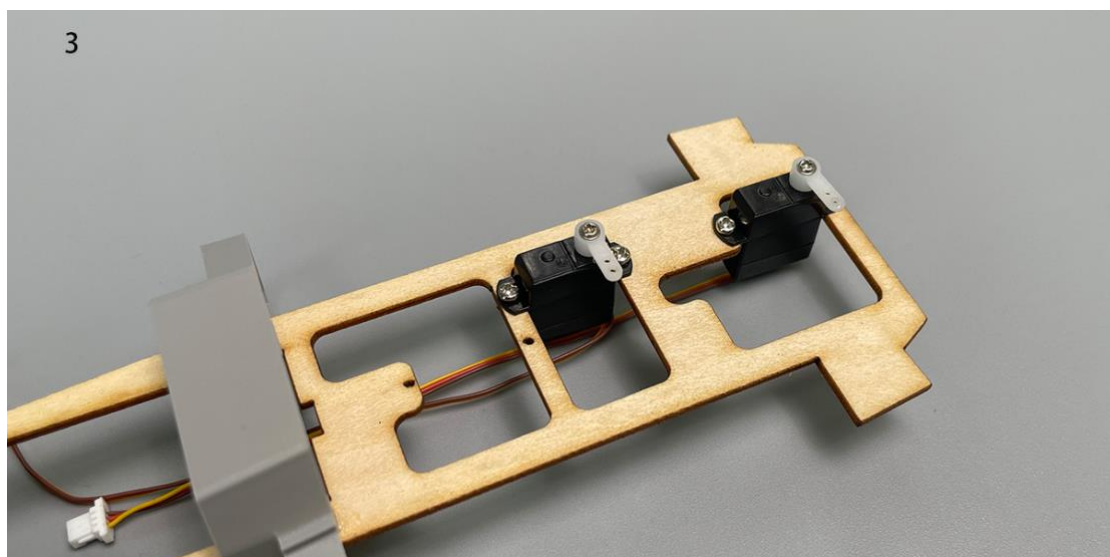
1. Fuselage wooden frame parts and 3D-printed components.



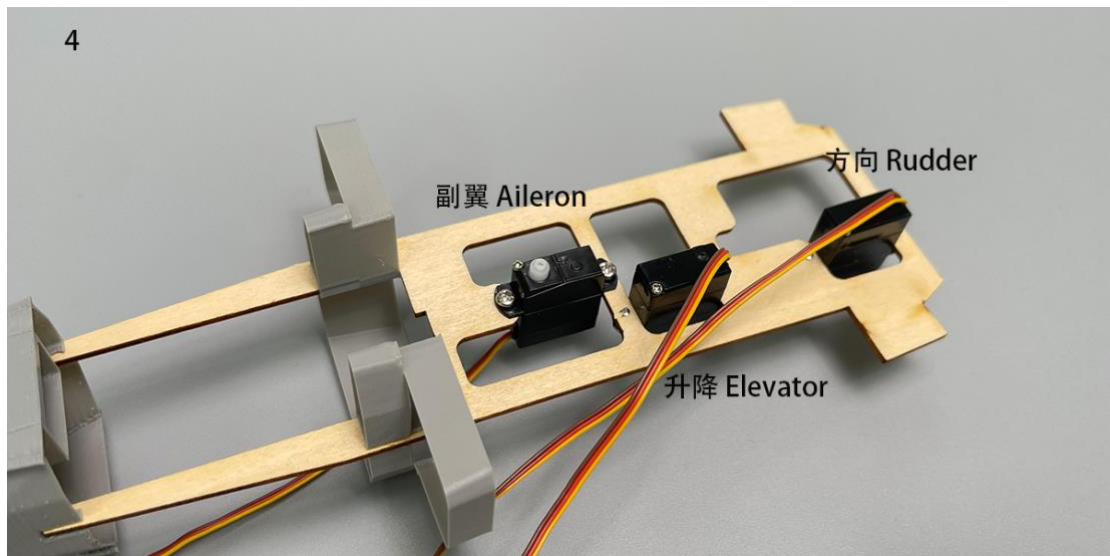
2. Assemble the fuselage wooden frame parts and 3D-printed components.



3. Connect the elevator and rudder servos to the receiver, bind the receiver with the transmitter, and check if the servos respond correctly. Install the servos as shown in the diagram, ensuring the servo arms are oriented as depicted (top view of the parts)



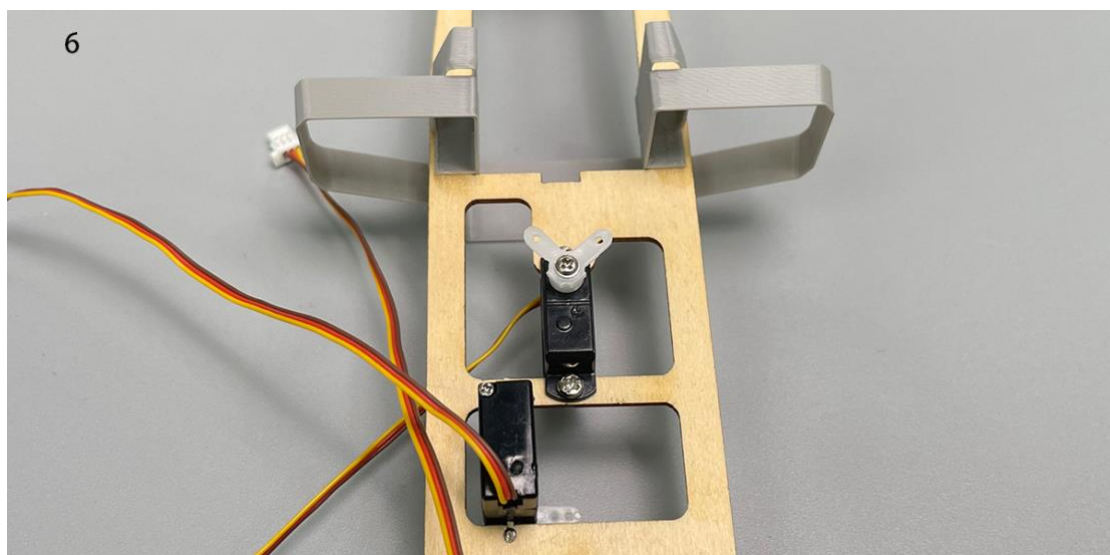
4. Connect the aileron servo to the receiver, bind the receiver with the transmitter, and check if the servo operates correctly. Install the aileron servo as shown in the diagram (bottom view of the parts).



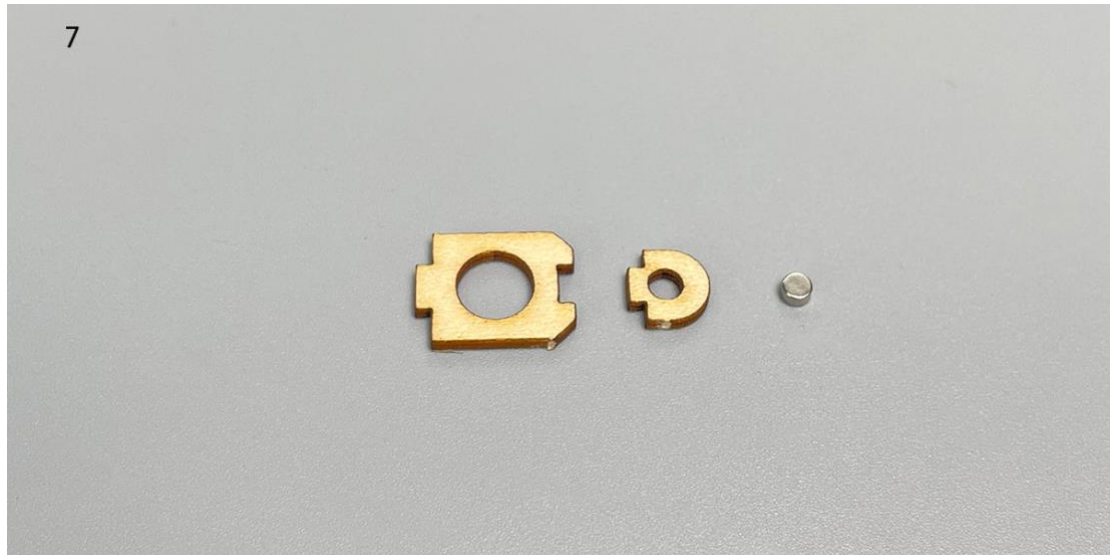
5. Remove the two adjacent arms of the cross-shaped arm. (As shown in the diagram)



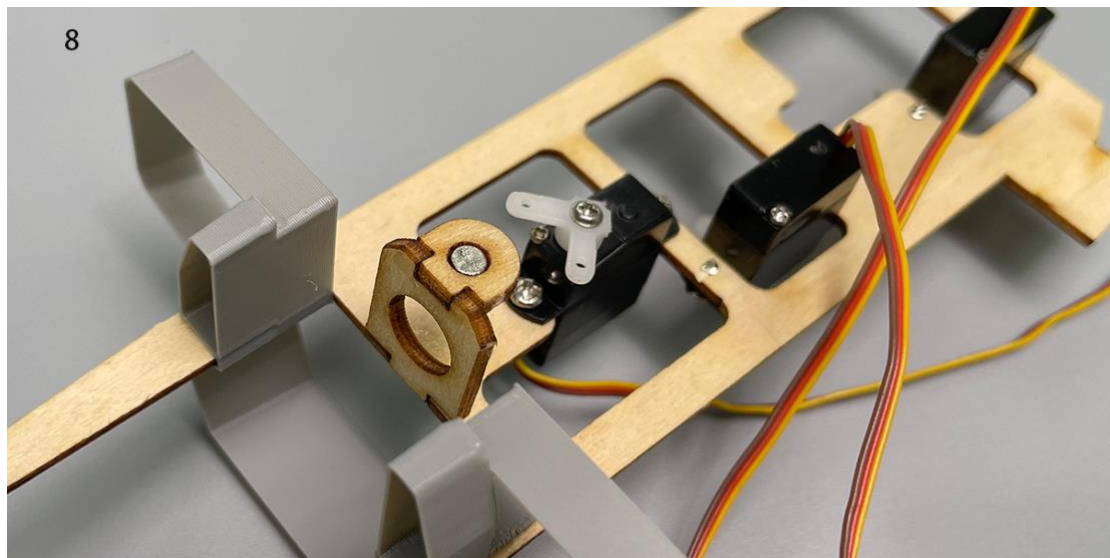
6. Install the servo arm onto the aileron servo (As shown in the diagram).



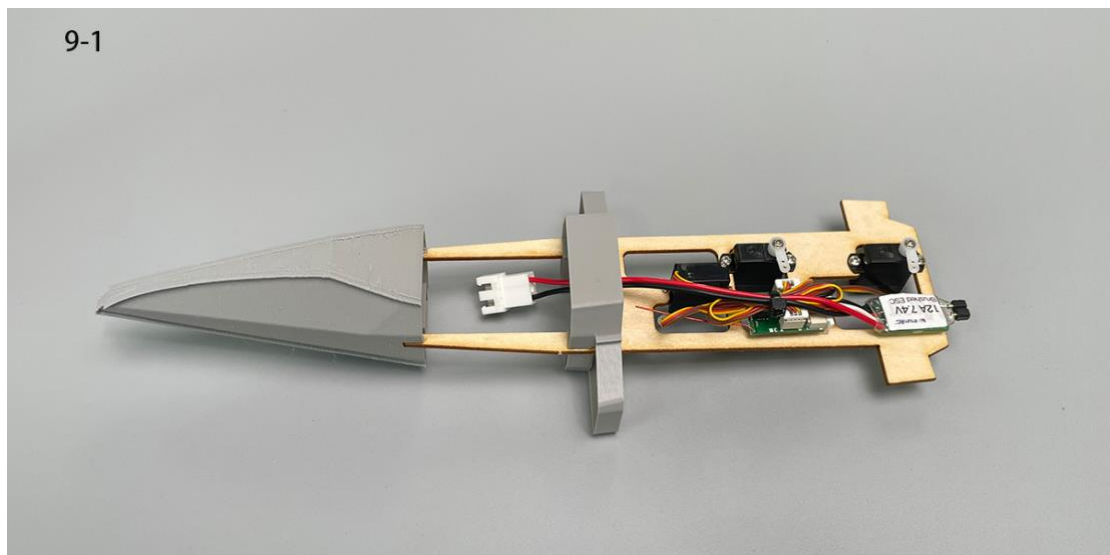
7. Magnets and its supporting structure.



8. Install the magnetic assembly according to the diagram.



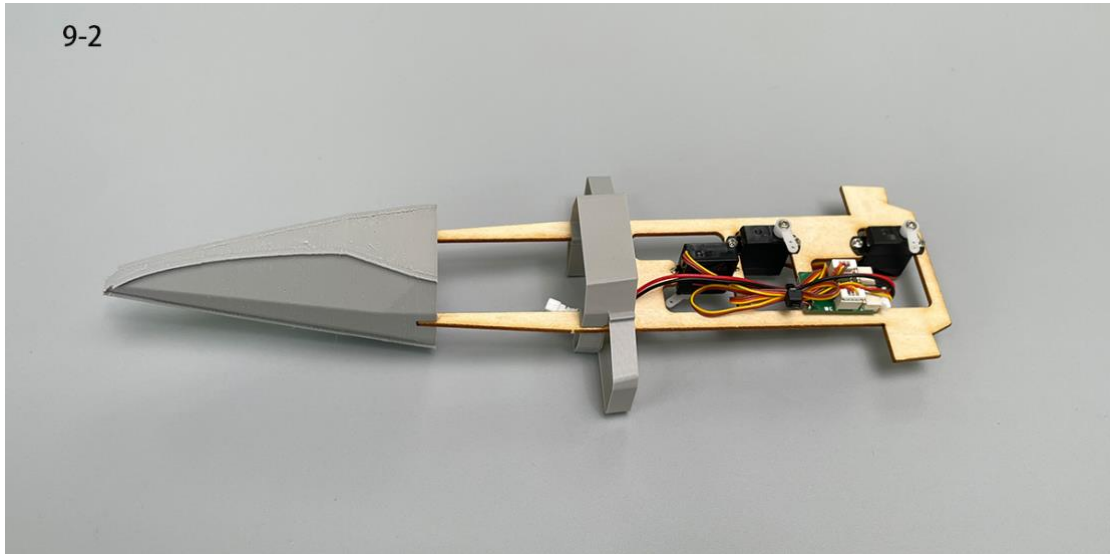
9-1. Mounting instructions for 7.4V devices:
Use Velcro to secure the receiver and ESC. Plug the servos and ESC into their respective receiver sockets, and use zip ties to secure the cables.



9-2. Mounting instructions for 3.7V devices:

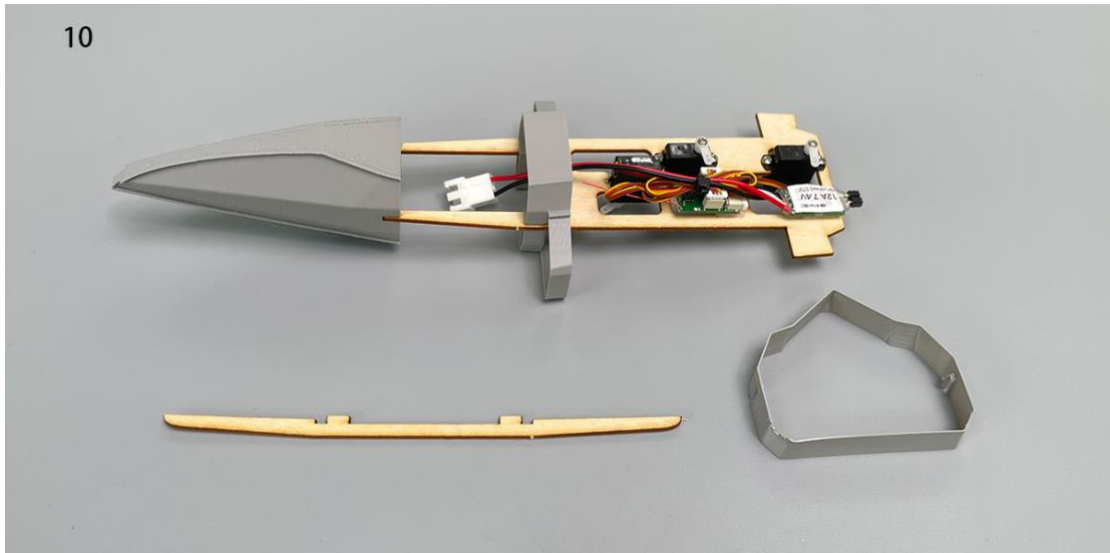
Use Velcro to secure the receiver. Plug the servos into their respective receiver sockets, and use zip ties to secure the cables.

9-2



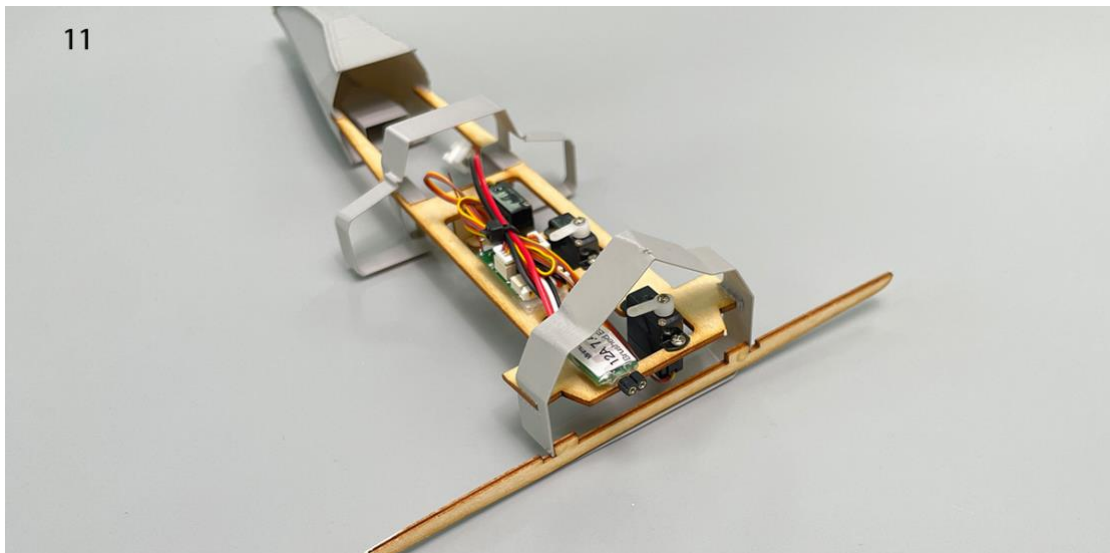
10. Fuselage central 3D-printed part and wing spar.

10



11. Install the fuselage central 3D-printed part and wing spar.

11



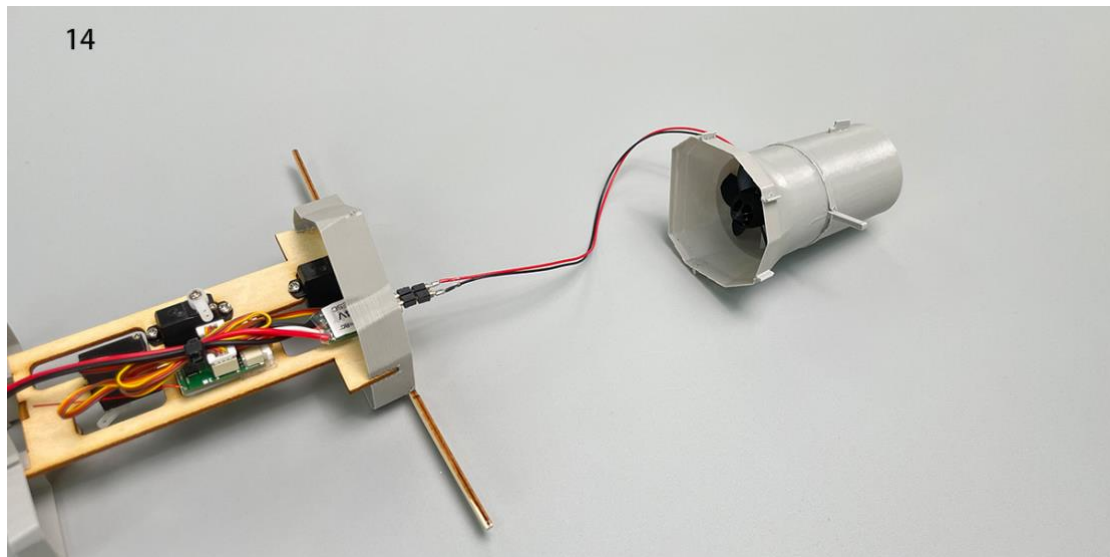
12. Intake duct components.



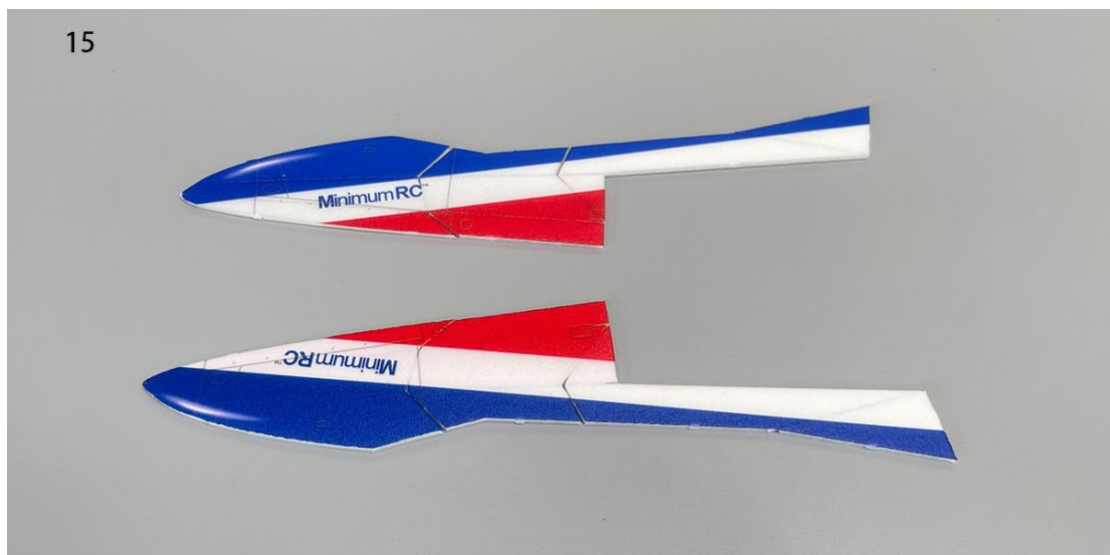
13. Assemble the motor with the intake duct 3D-printed part, adjusting the motor installation depth to ensure the propeller blades are as close to the support as possible and rotate freely (insufficient proximity can significantly affect thrust). Use adhesive to secure the motor from the rear end. Thread the motor cables through the wiring hole.



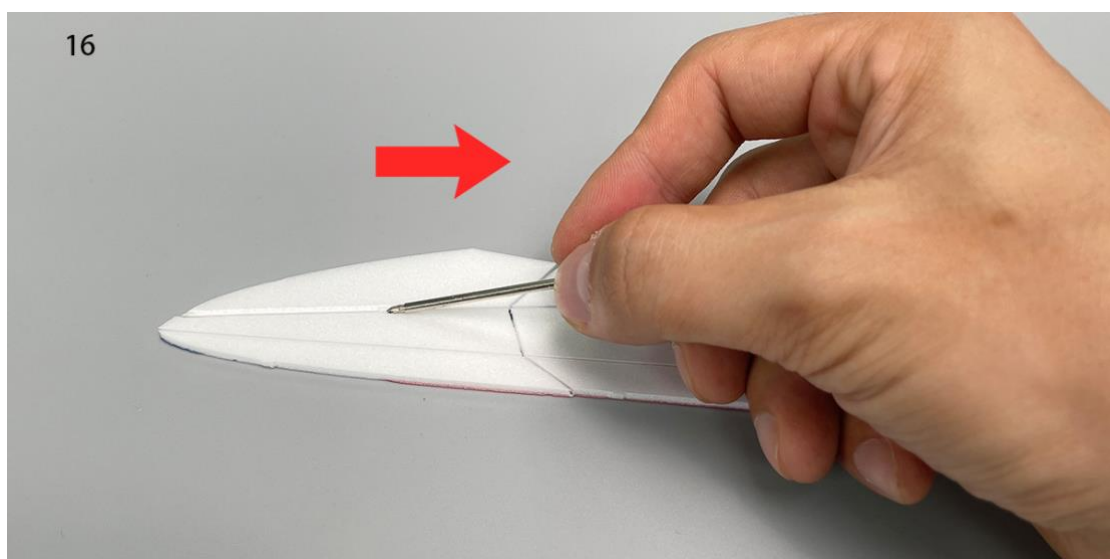
14. Connect the motor wires and power up to test if the motor rotates in the correct direction.



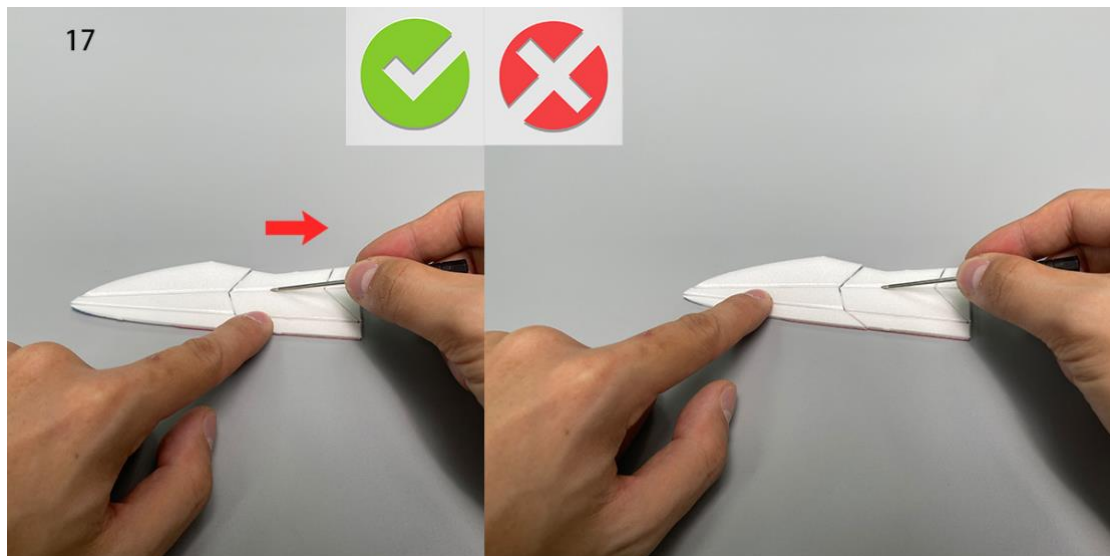
15. Nose foam board component.



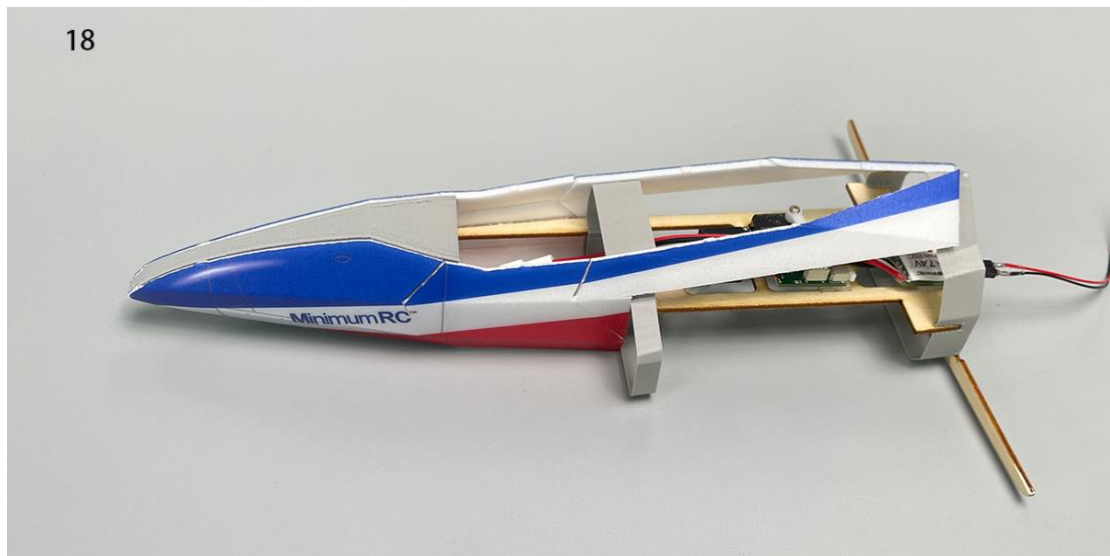
16. Use a sharp tool (screwdriver) to score through the marked lines on the fuselage.



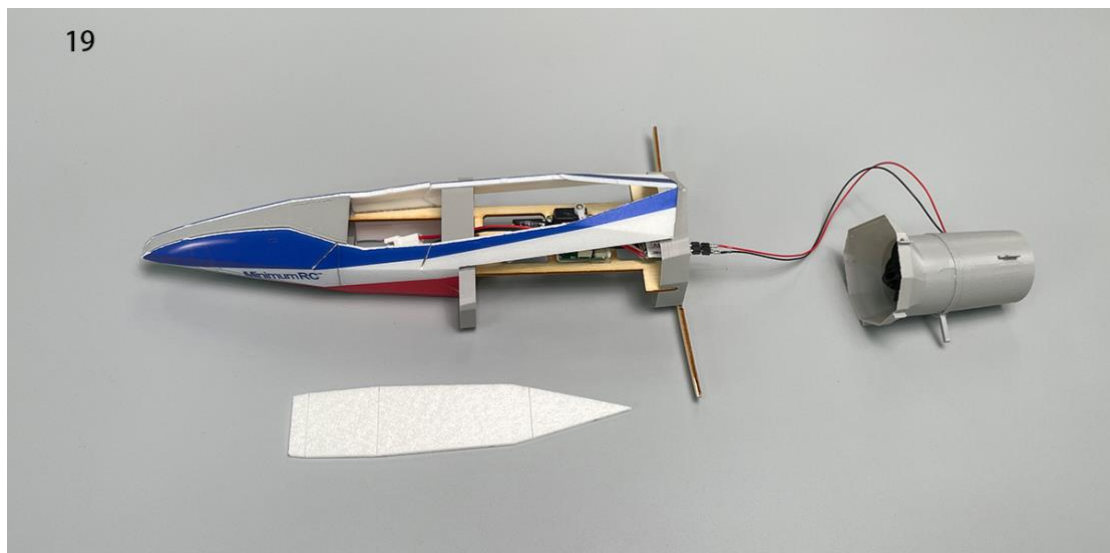
17. Caution: When performing engraving operations, make sure to press on the part closest to the engraving lines to avoid tearing the components. (As shown in the diagram)



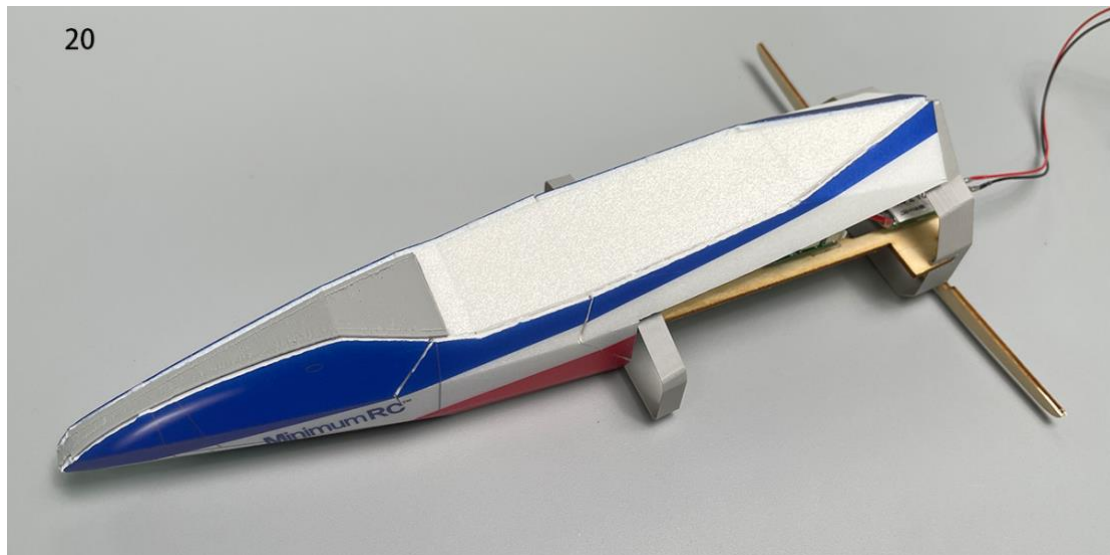
18. Install the nose foam board component.



19. Cockpit foam board component.



20. Install the cockpit foam board component.



21. Fuselage foam board component.



22. Use a sharp tool (screwdriver) to score through all the marked lines on the inside of the fuselage foam board component at an angle.



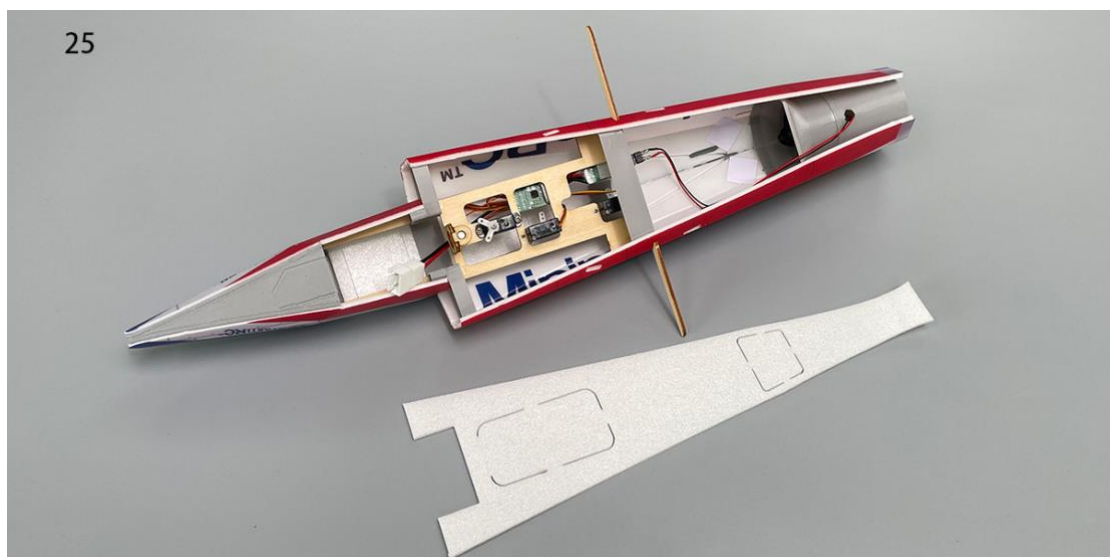
23. Bend the component inwards to close the top seam, and apply stickers to secure it.



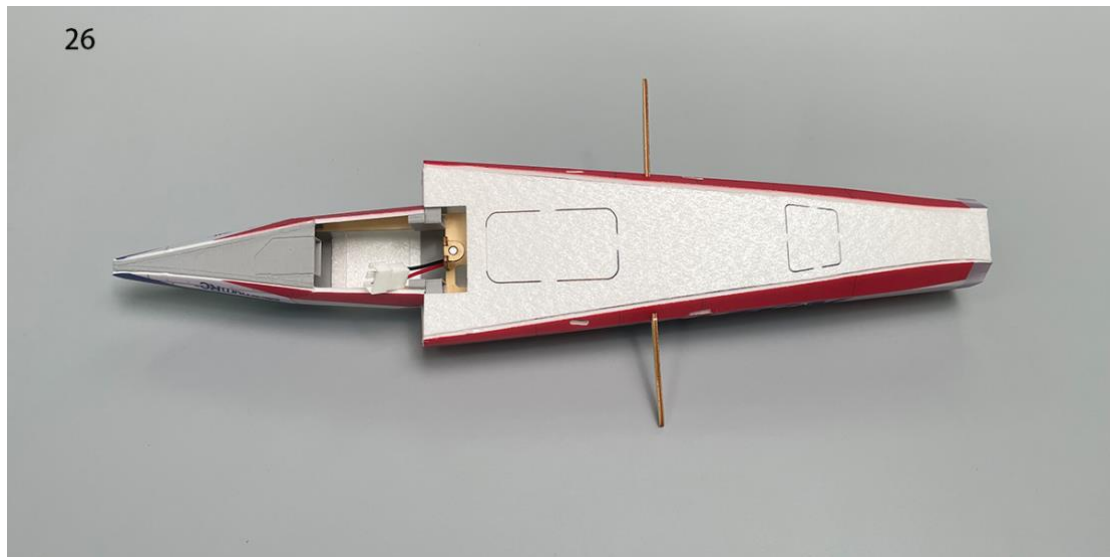
24. Install the EDF tube at the tail section of the fuselage according to the positioning of the mortise and tenon, and assemble the tail section of the fuselage.



25. Bottom fuselage foam board component.



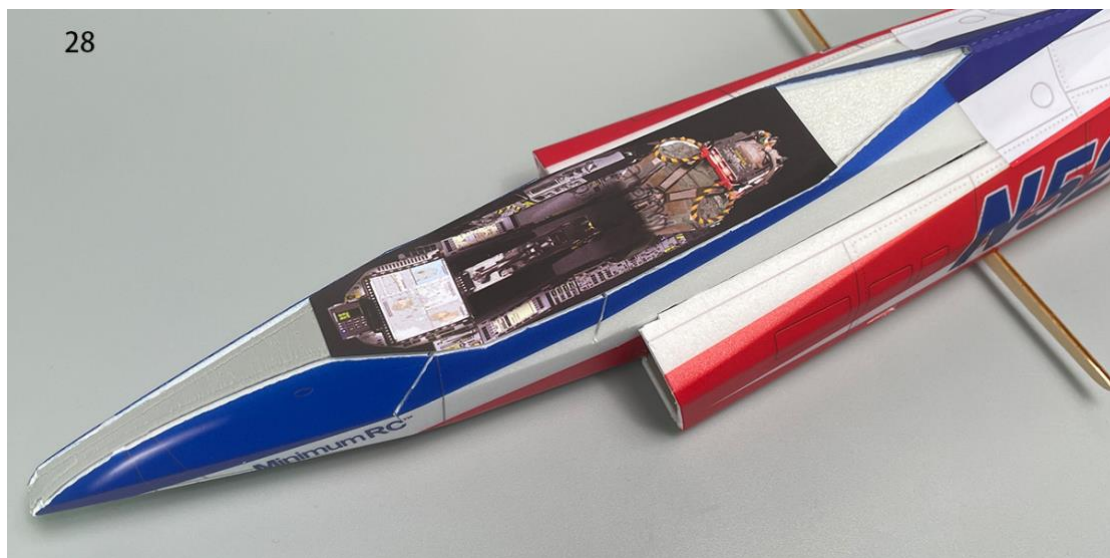
26. Install the bottom fuselage foam board component.



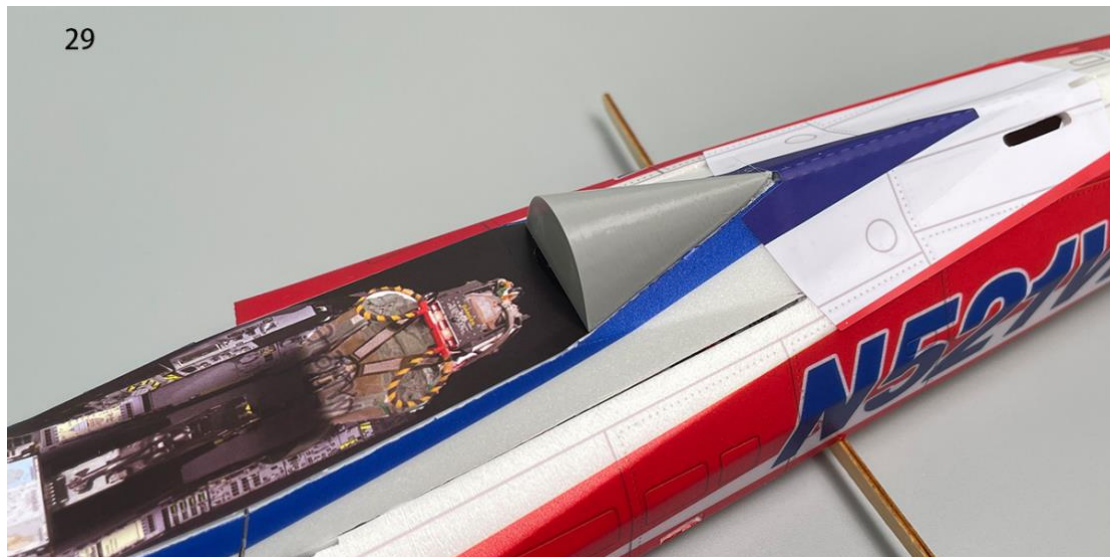
27. Apply the top sticker.



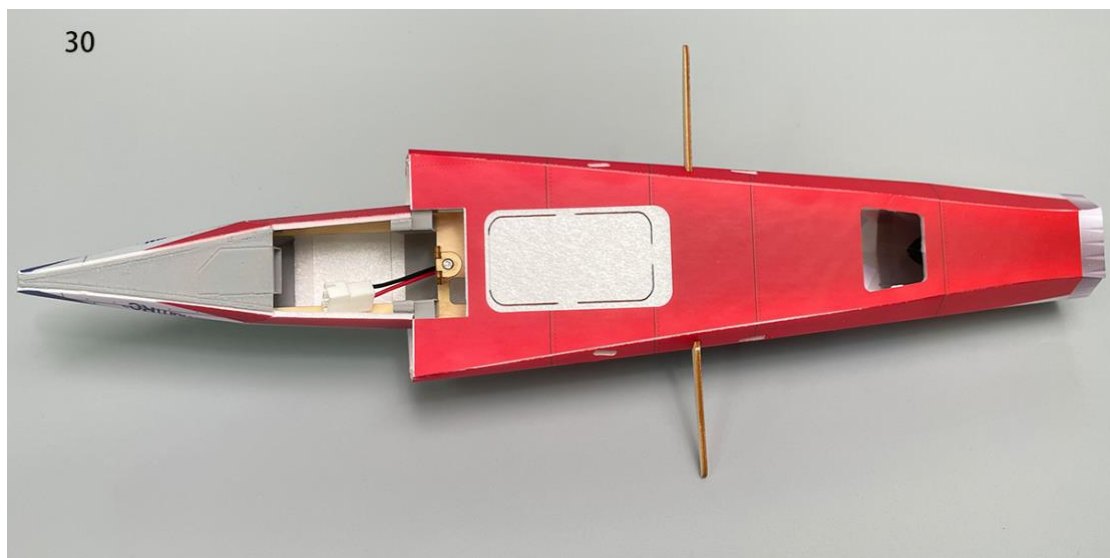
28. Apply the cockpit sticker.



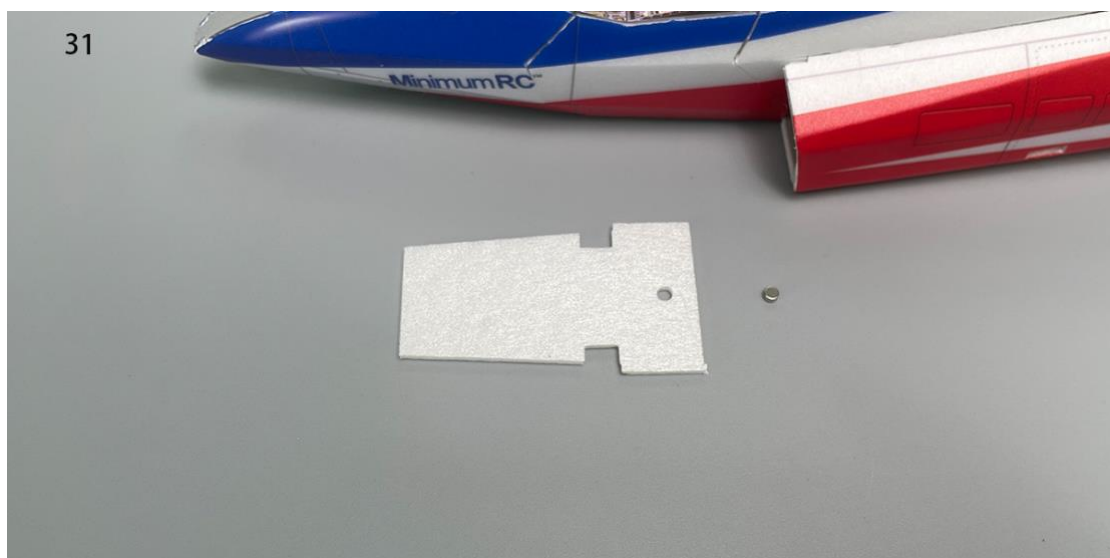
29. Use glue to secure the cockpit structural component.



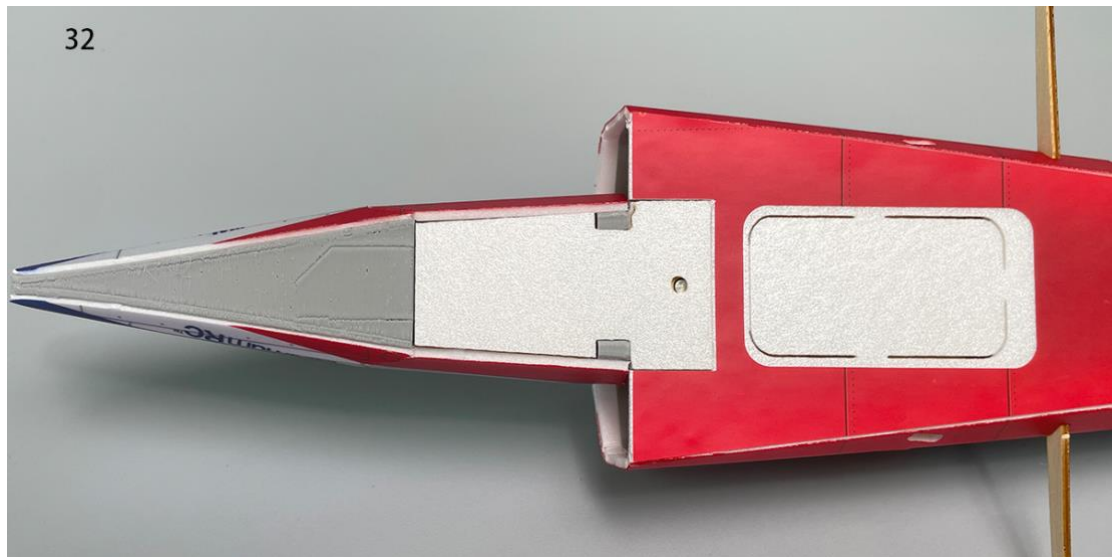
30. Apply the bottom fuselage sticker.



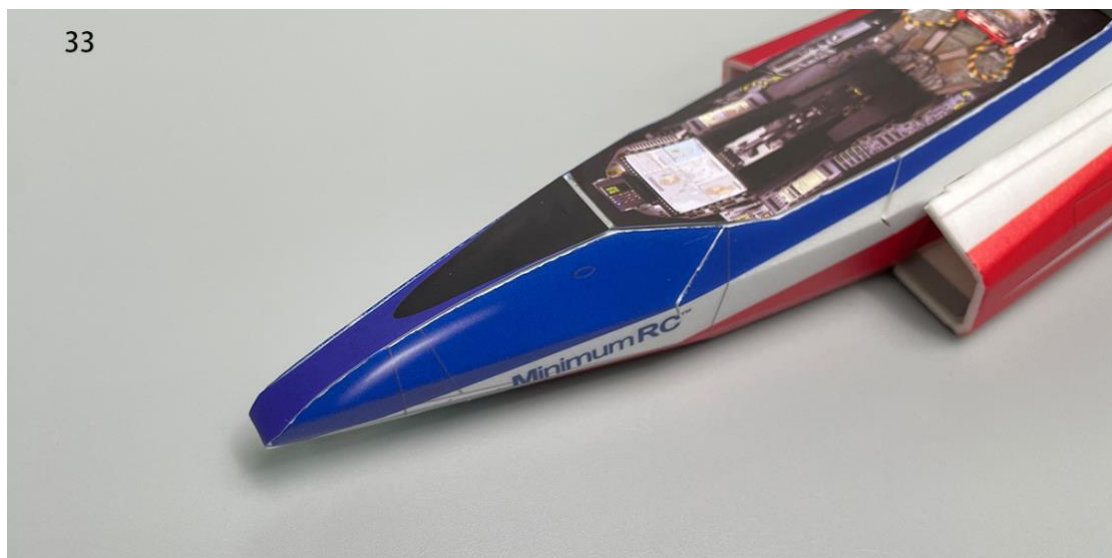
31. Battery compartment cover panel.



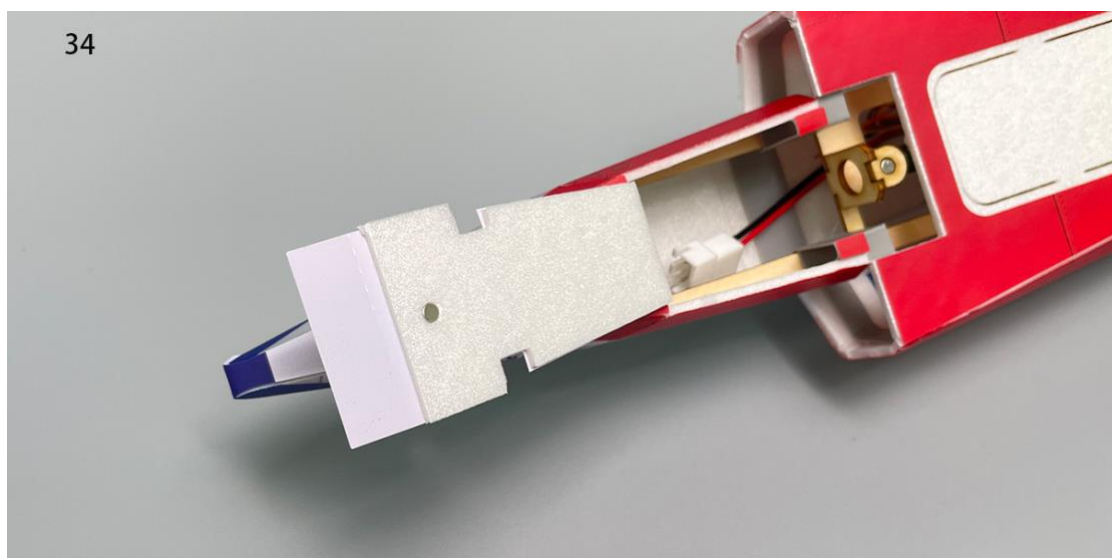
32. Position the battery compartment cover panel in place without applying glue.



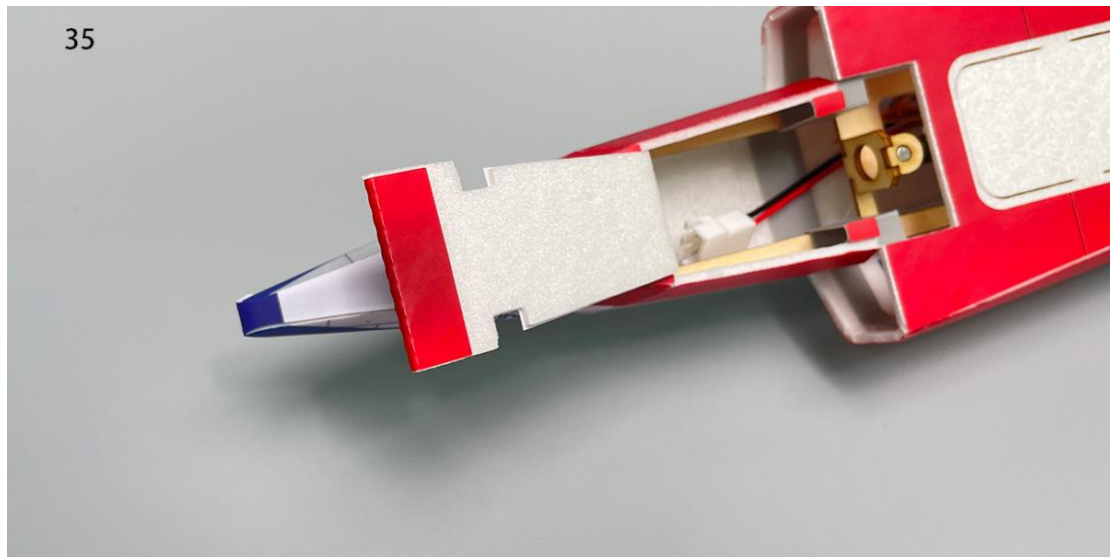
33. Apply the nose sticker.



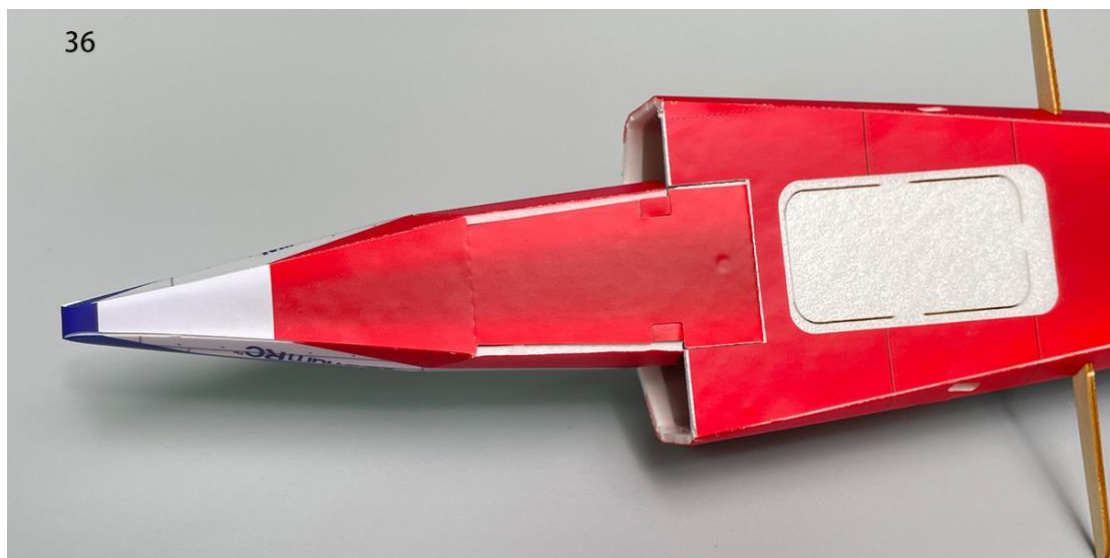
34. Place a magnet at the circular hole on the battery compartment cover panel.



35. Use the sticker to secure the magnet.

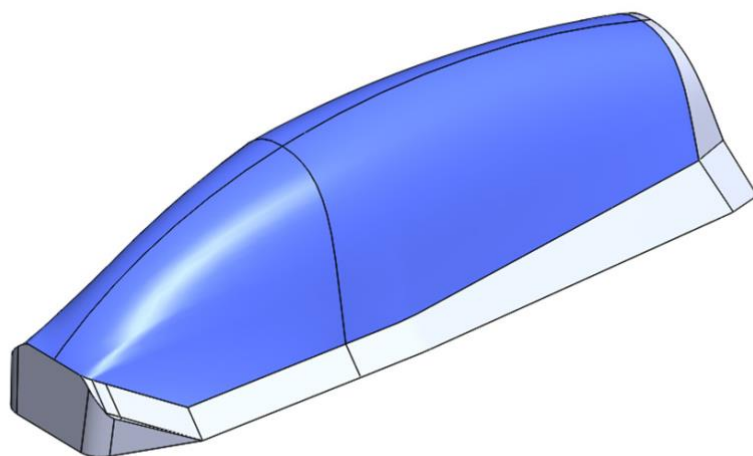


36. The battery compartment cover panel can stay closed.



37. Follow the diagram to trim away the excess material from the cockpit canopy vacuum-formed part. It's advisable to start with conservative cutting, place the canopy on the fuselage for alignment, and then make precise adjustments.

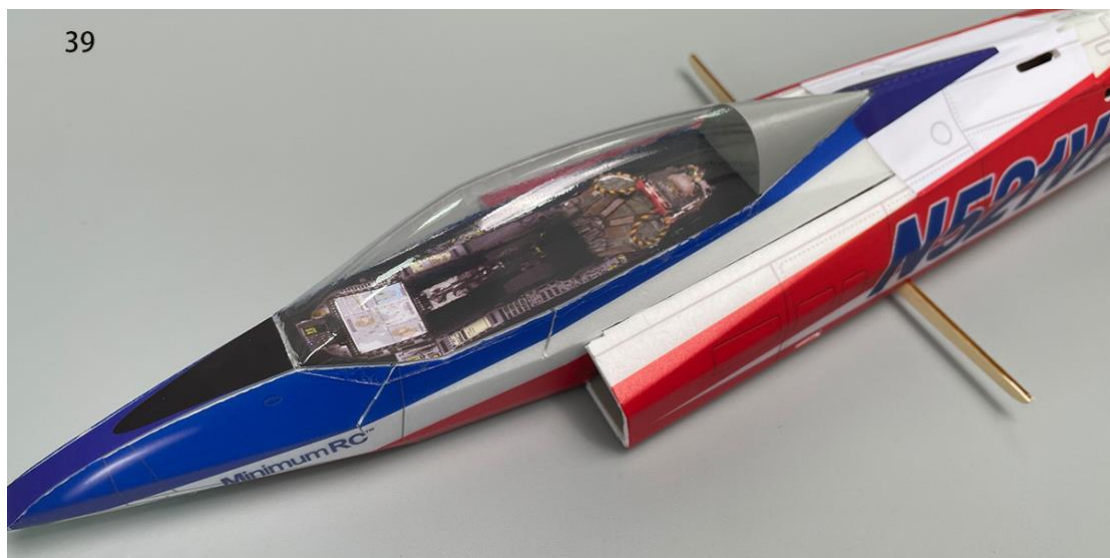
37



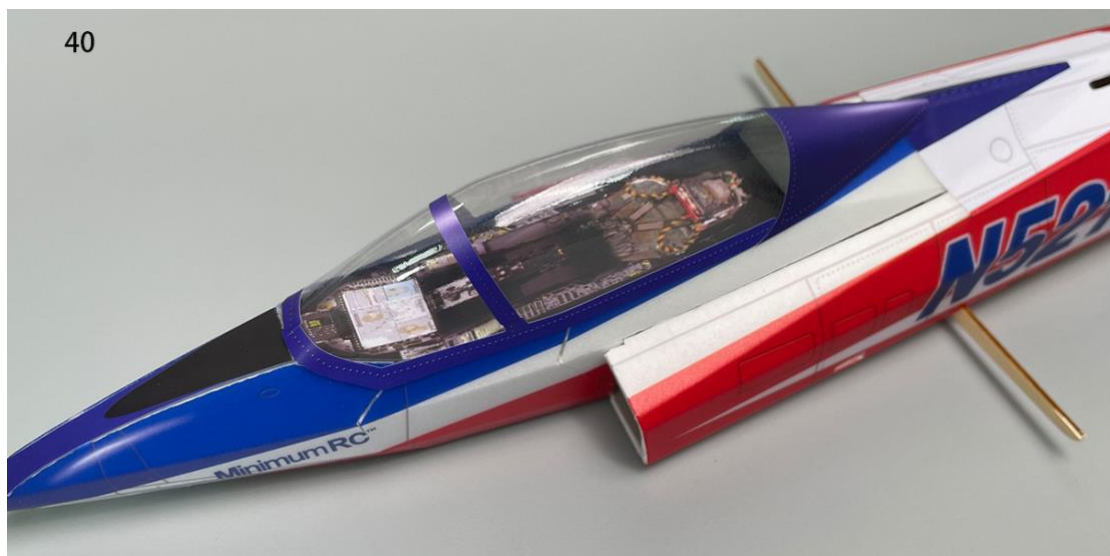
38. The trimmed cockpit canopy.



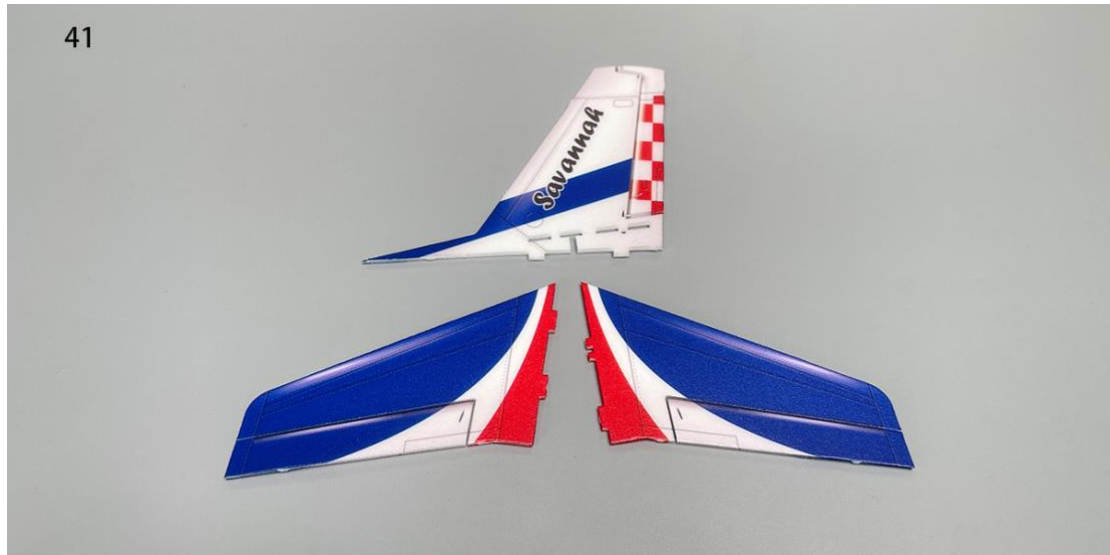
39. Glue the cockpit canopy in place on the fuselage.



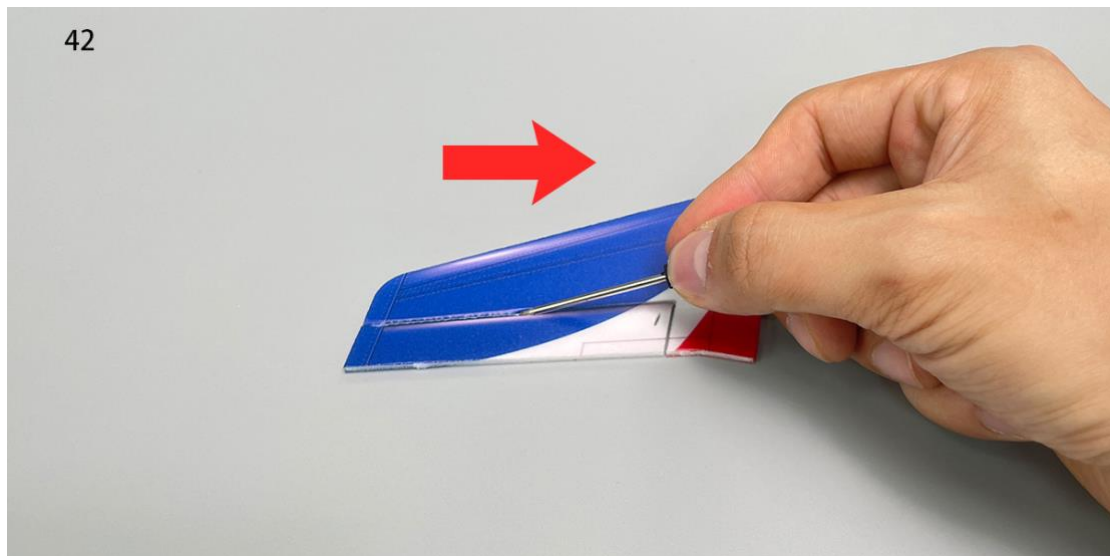
40. Apply the cockpit stickers.



41. Horizontal stabilizer and vertical stabilizer.



42. Use a sharp tool (screwdriver) to score through the marked lines on the bottom surface of the horizontal stabilizer at an angle. This allows the elevator to move freely along the cut lines on both sides.



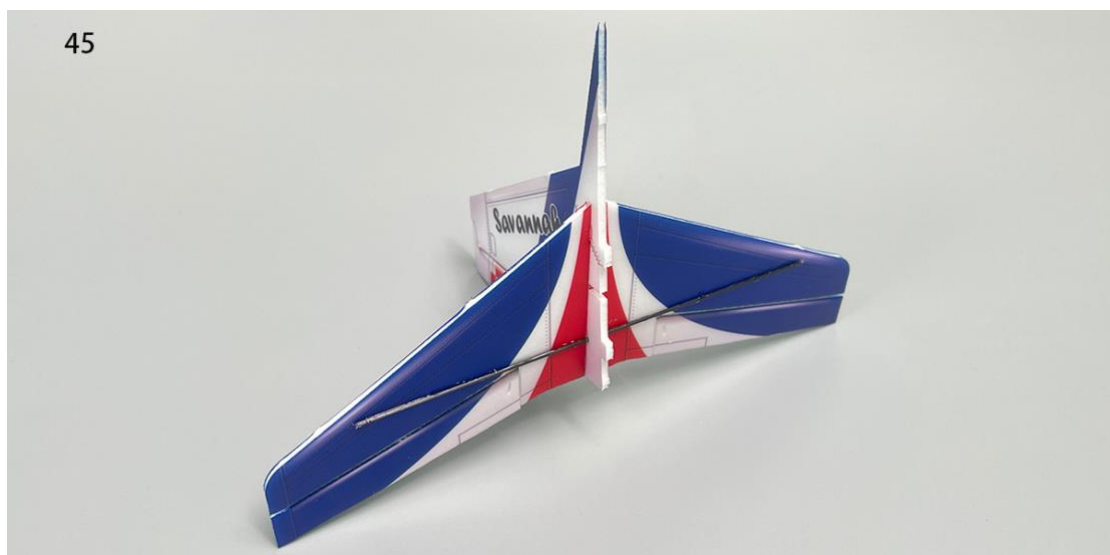
43. Use a sharp tool (screwdriver) to score through the marked line on the right side of the vertical stabilizer at an angle. This allows the rudder to move freely along the cut lines on both sides.



44. Assemble the horizontal stabilizer and vertical stabilizer together.



45. Paste a 1x140mm carbon fiber rod on the bottom of the horizontal stabilizer for reinforcement.



46. Install the tail.



47. The wings.



48. Use a sharp tool (like a screwdriver) to score through the marked lines on the bottom surface of the wing at an angle. This allows the wing to bend downward, forming an airfoil shape.



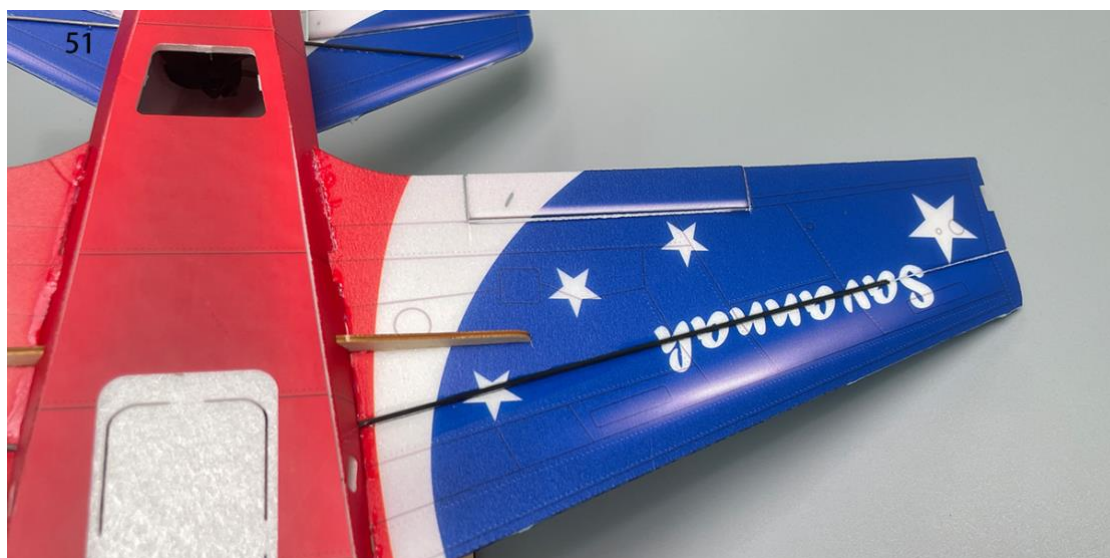
49. Use a sharp tool (screwdriver) to score through the marked lines of the aileron at an angle. This allows the aileron to move up and down along the cut lines.



50. Install the wings. A small amount of CA glue (502 glue) can be apply extremely carefully at the root of the wing and where the wing meets the spar to increase strength.



51. Paste a 1x140mm carbon fiber rod on the bottom of the wing as a support strut.



52. Install the wingtips. A small amount of CA glue (502 glue) can be apply extremely carefully here.



53. Install the aileron control horns.



54. Install the elevator control horns.



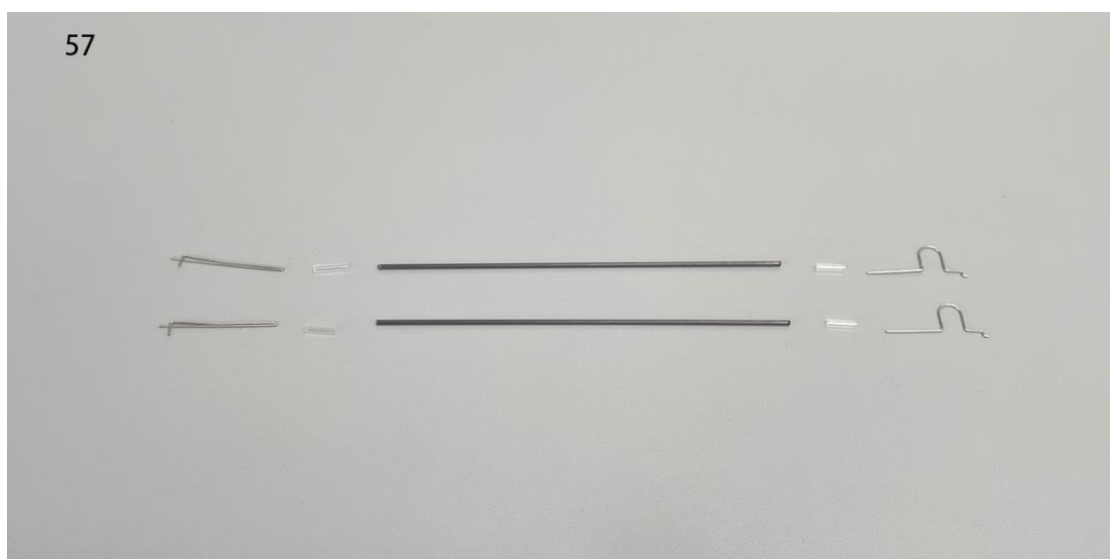
55. Install the rudder control horn.



56. Cut open the access hatch cover (keep it for later use).



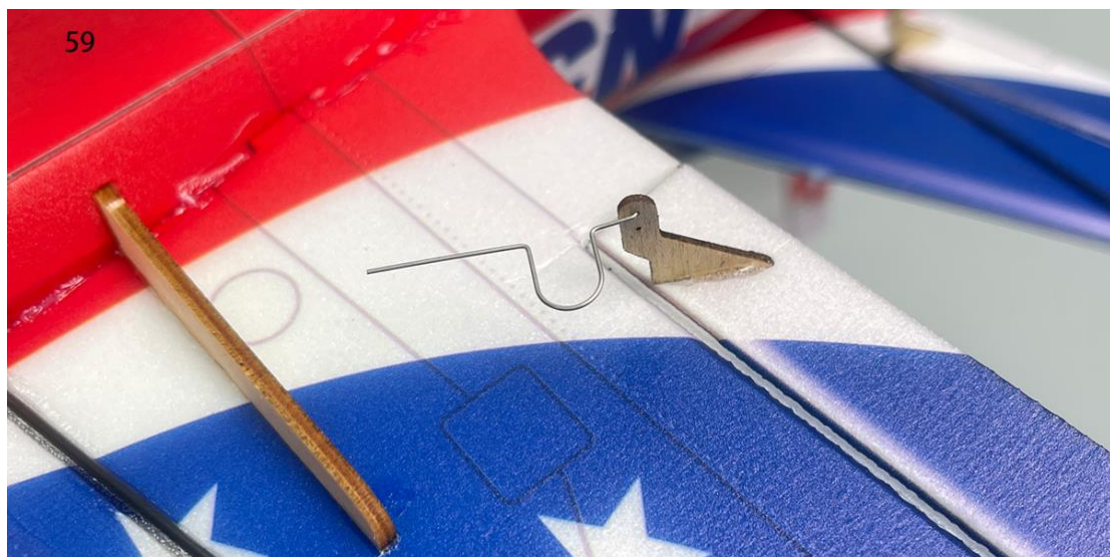
57. Take two 90mm carbon rods for use as aileron pushrods. Cut four pieces of heat shrink tubing, each 5mm long, to connect the aileron pushrods and the wire clips.



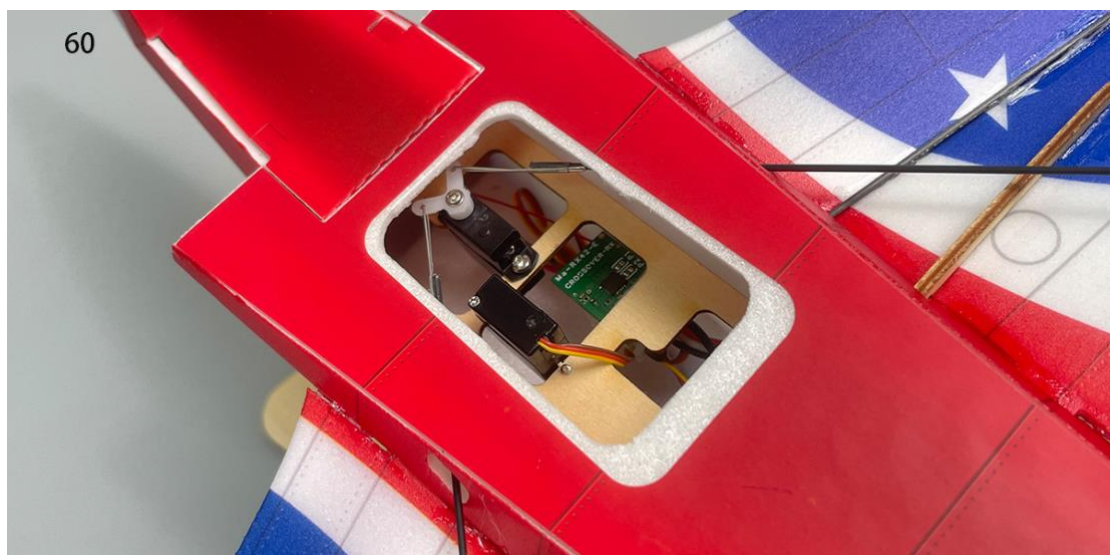
58. Use heat shrink tubing to connect the pushrods and the wire clips, then apply a drop of CA glue (502 glue) to secure them.



59. Install the linkage hook onto the aileron control horn.



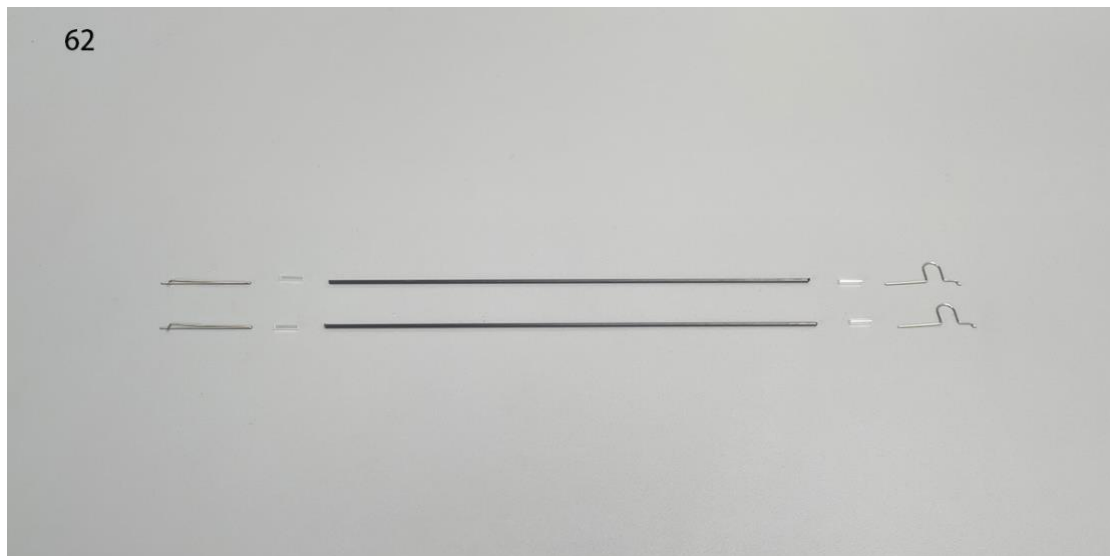
60. Insert the carbon rods and wire clips into the fuselage, then mount them on the aileron servo arm.



61. Use heat shrink tubing to connect the aileron control rod and the linkage hook, then apply a drop of CA glue (502 glue) to secure it.



62. Take two 140mm carbon rods for use as elevator pushrods. Cut four pieces of heat shrink tubing, each 5mm long, to connect the elevator pushrods and the wire clips.



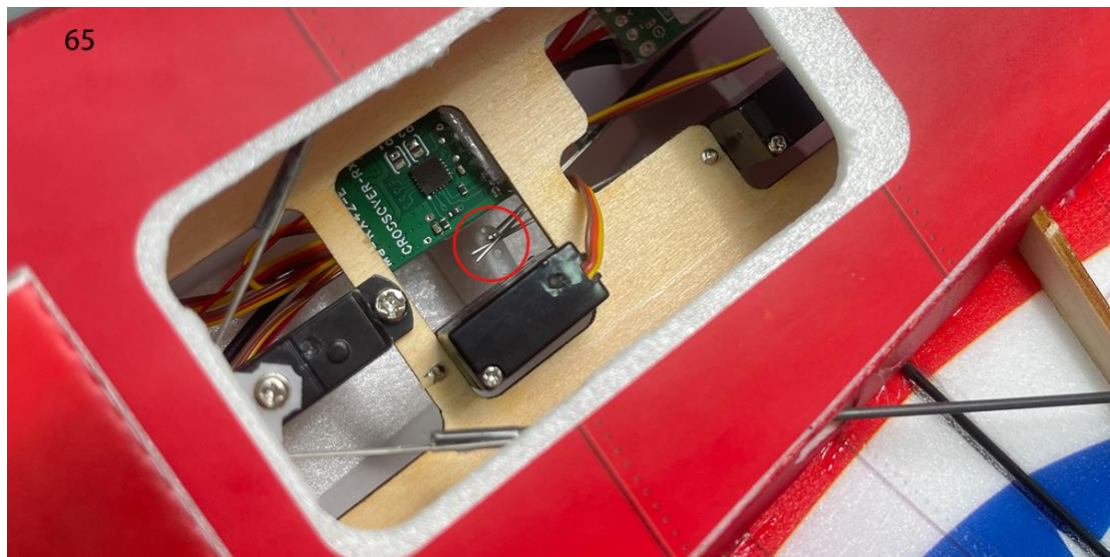
63. Use heat shrink tubing to connect the pushrods and the wire clips, then apply a drop of CA glue (502 glue) to secure them.



64. Install the linkage hook onto the elevator control horn.



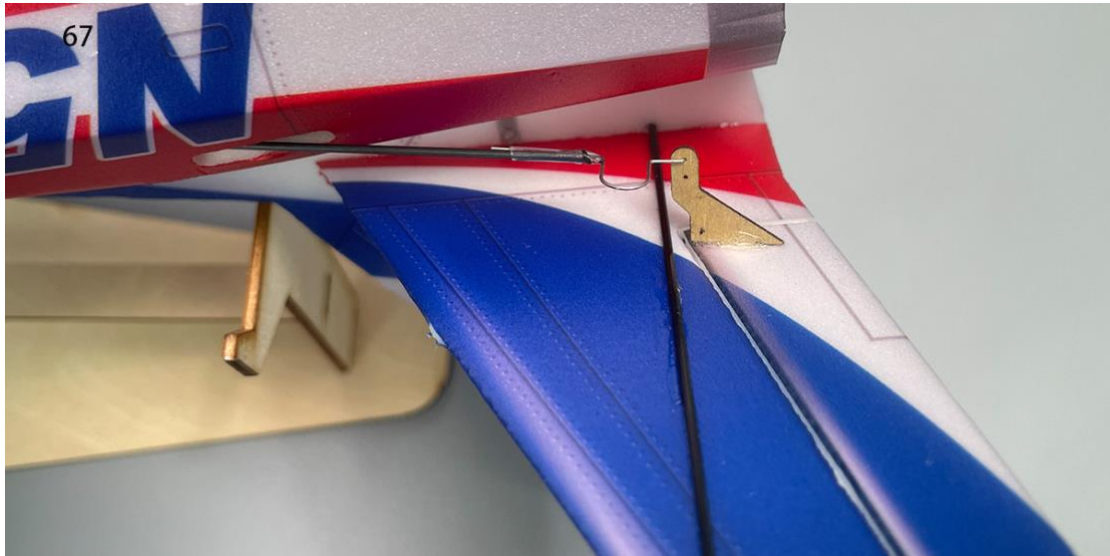
65. Insert the carbon rods and wire clips into the fuselage, and install them into the same hole on the elevator servo arm. Use tweezers for this operation.



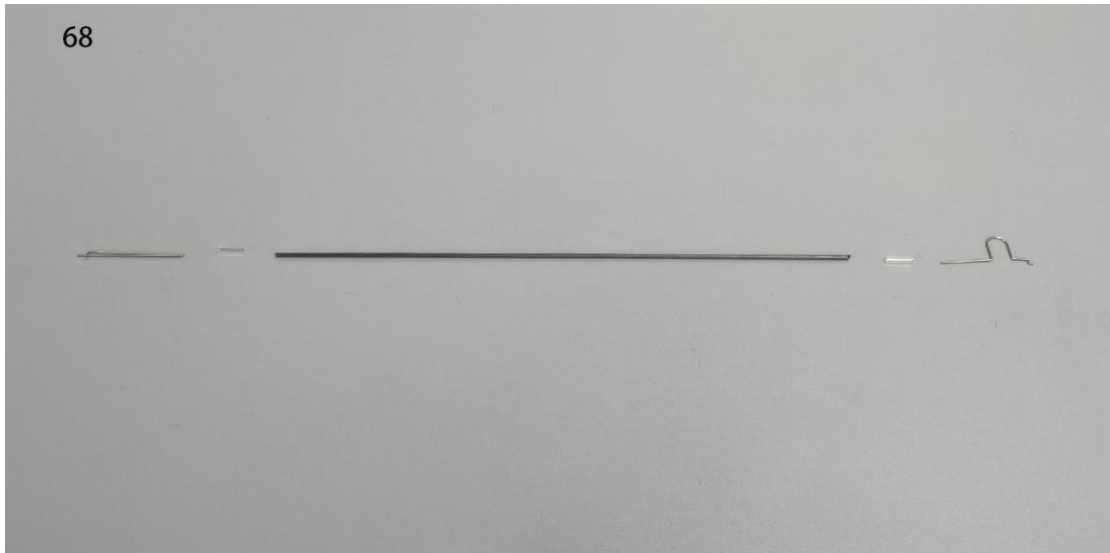
66.



67. Use heat shrink tubing to connect the horizontal stabilizer control rods and the linkage hooks, then apply a drop of CA glue (502 glue) to secure them.



68. Take a 115mm long carbon rod for use as the rudder pushrod. Cut two pieces of heat shrink tubing, each 5mm long, to connect the rudder pushrod and the wire clips.



69. Use heat shrink tubing to connect the pushrod and the wire clip, then apply a drop of CA glue (502 glue) to secure them.



70. Insert the carbon rod and wire clips into the fuselage, and install it onto the rudder servo arm. Use tweezers for this operation.



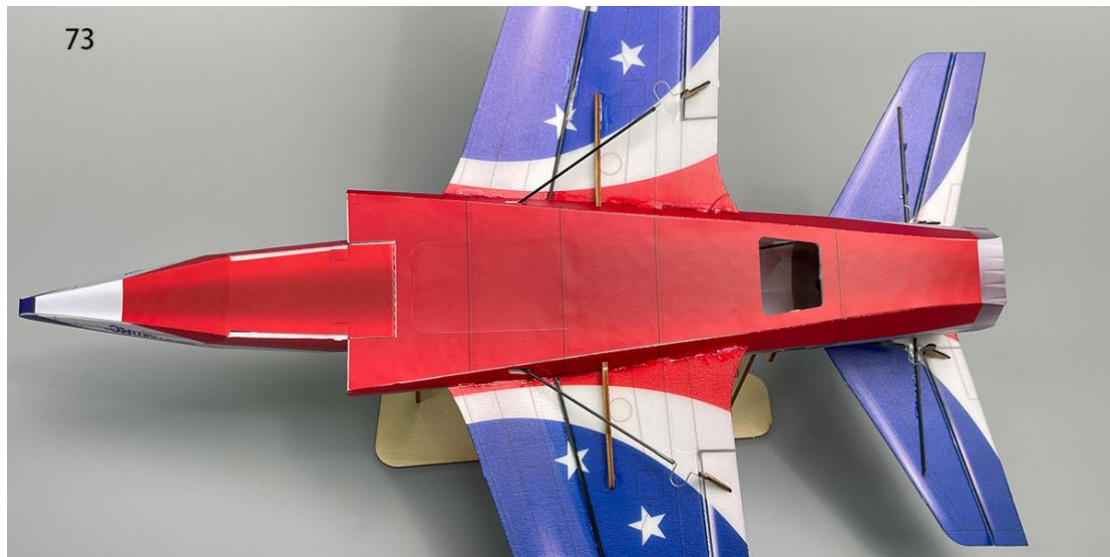
71. Use heat shrink tubing to connect the rudder pushrod and the linkage hook, then apply a drop of CA glue (502 glue) to secure them.



72. Use glue to secure the access hatch cover panel in its original position.



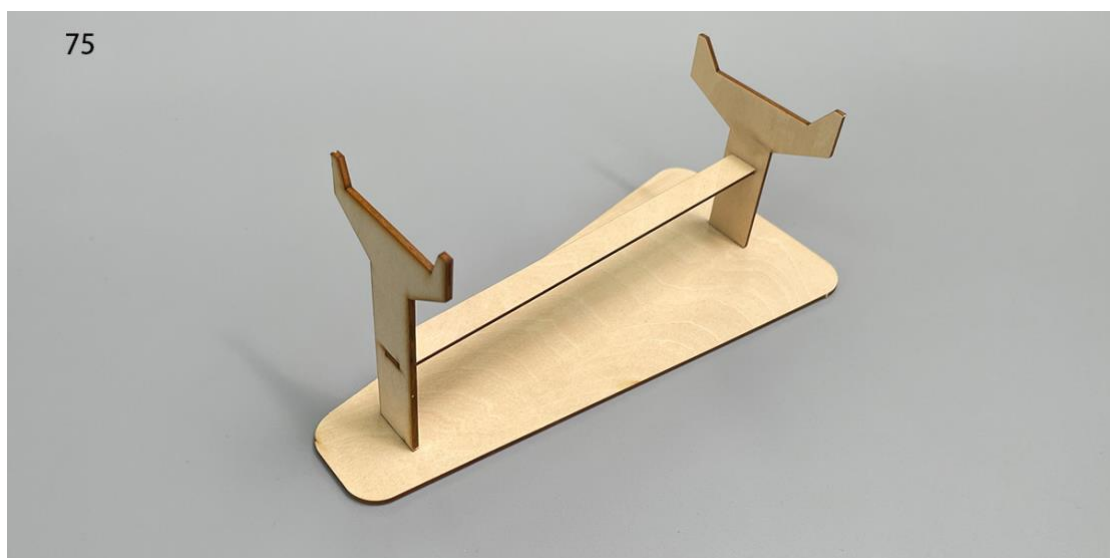
73. Apply the access hatch cover panel sticker.



74. Install the control horn protectors on the bottom of the wing.



75. Wooden display rack.



Assembly complete!



Maiden flight

- The center of gravity of the aircraft is located 5mm in front of the wing scored line.
- The active range of ailerons, elevators and rudder are 4mm on both sides.
- Choose grass land for maiden flight.

MinimumRC™

*THE ULTIMATE POSSIBILITIES OF
RC AVIATION*