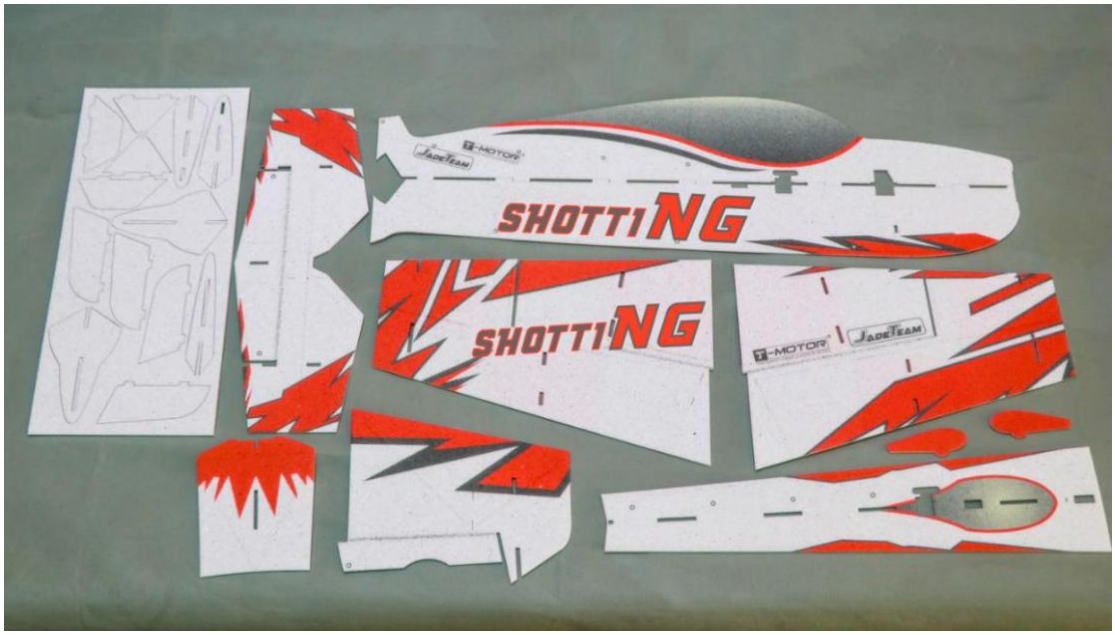
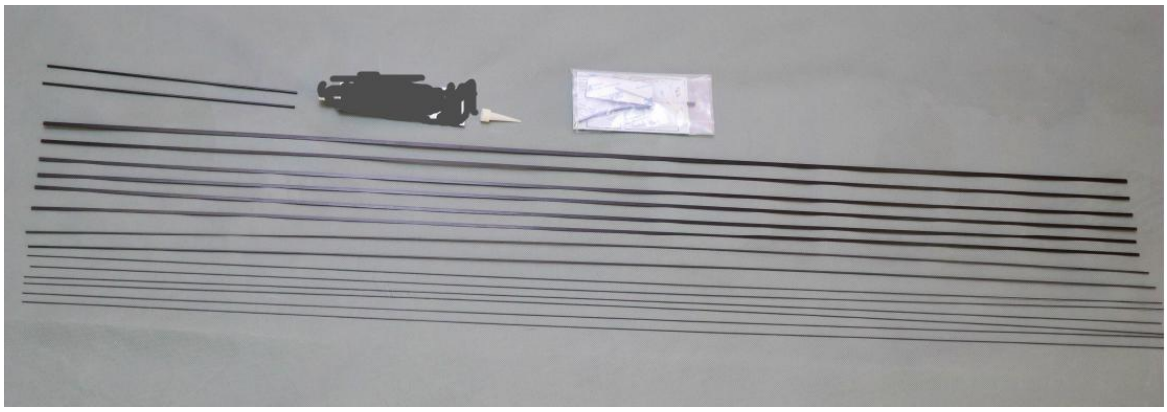
EXTRA-NG 3D/4D User Manual

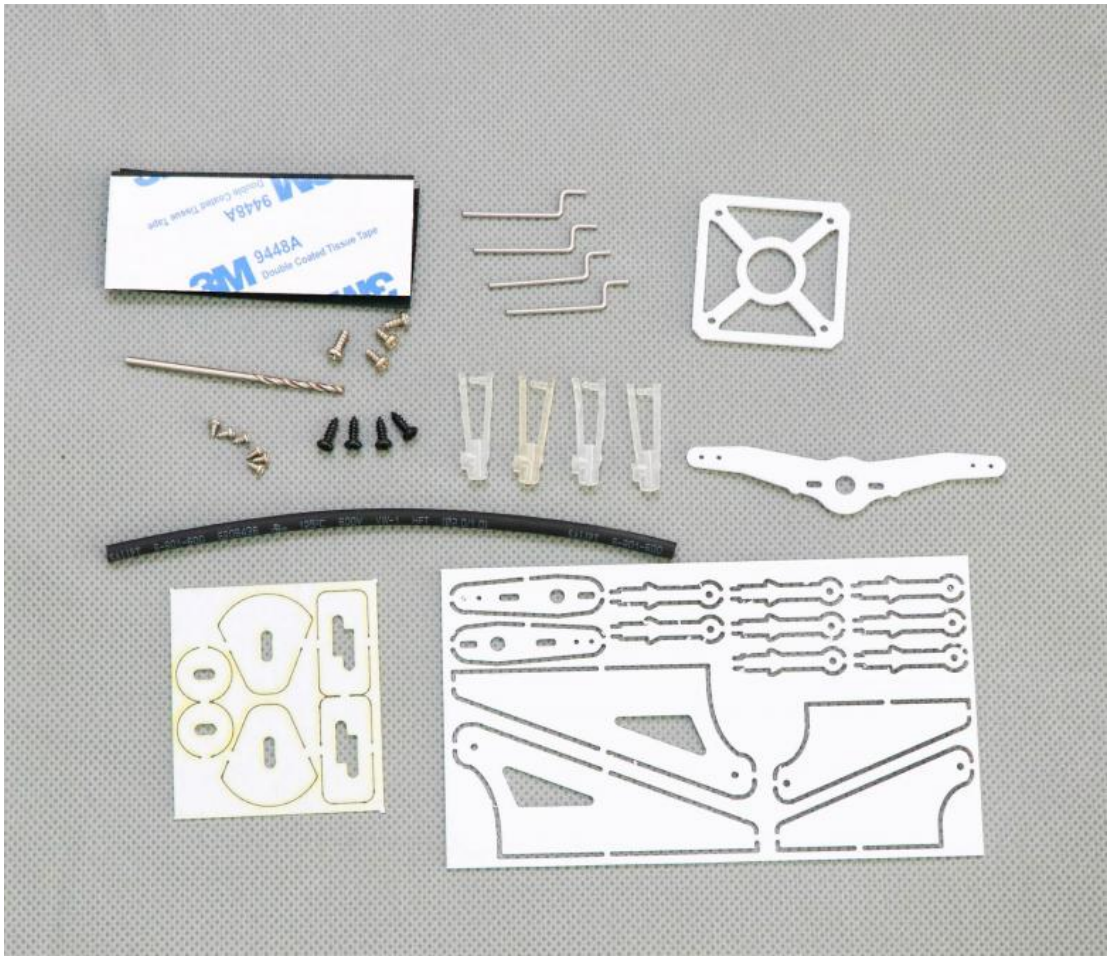
1. Check whether the aircraft parts and accessories in the box are complete



Check whether the carbon rods, carbon chips, and accessories are complete. If any accessories are missing, please contact the manufacturer in time
Specification:
0.5X4mm carbon sheet 1 sheet
0.2X3mm carbon sheet 5 pieces
6 1.0mm carbon rods
2.0X220mm carbon rod 2 pcs



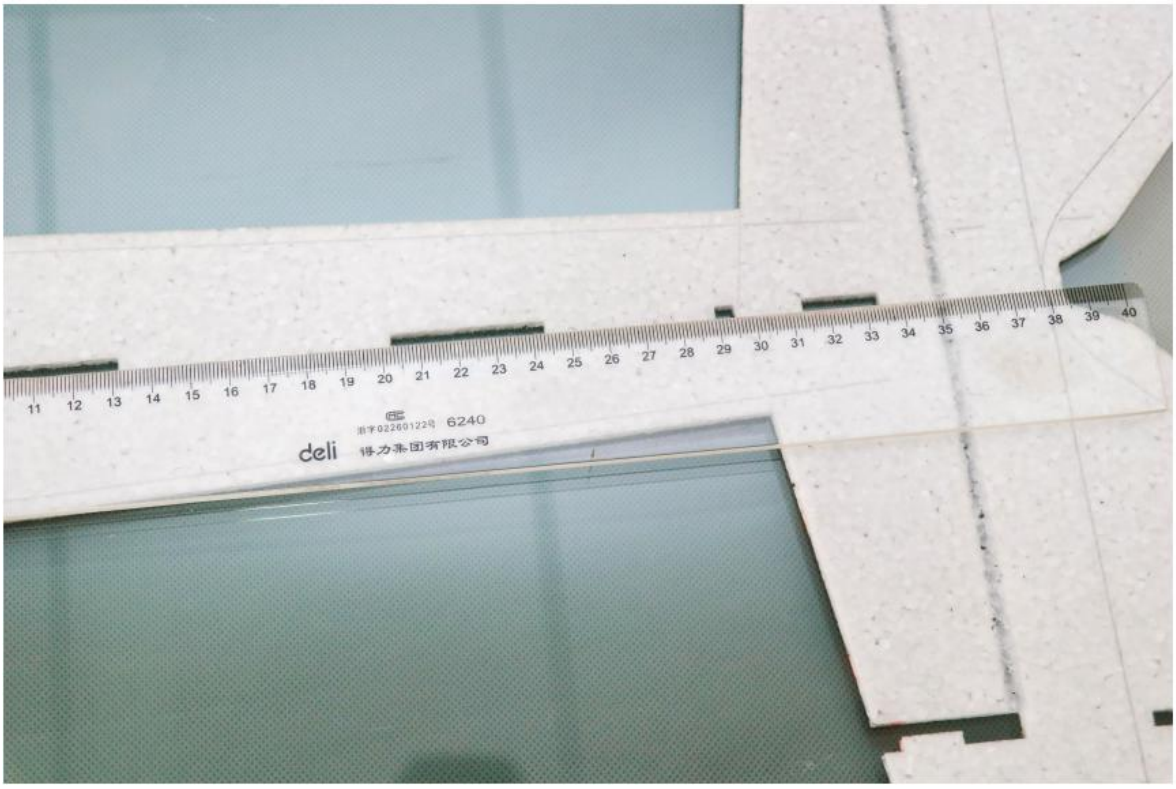
The accessory kit accessories are shown in the figure below



Note: The EPP version 3D version is different from the 4D version only with the aileron rocker arm, the upper one in the figure below is longer
Is the 4D version of the rocker arm, the next shorter one is the 3D version of the rocker arm

2. Use heavy objects to press each rudder surface for 1-2 hours

3. Bond the horizontal plane of the fuselage and the flat tail, prepare a ruler and a marker, and use the ruler to
Align the middle tenon and mark the left and right sides with a marker. After the false group is correct, apply glue on both sides of the bonding part for bonding.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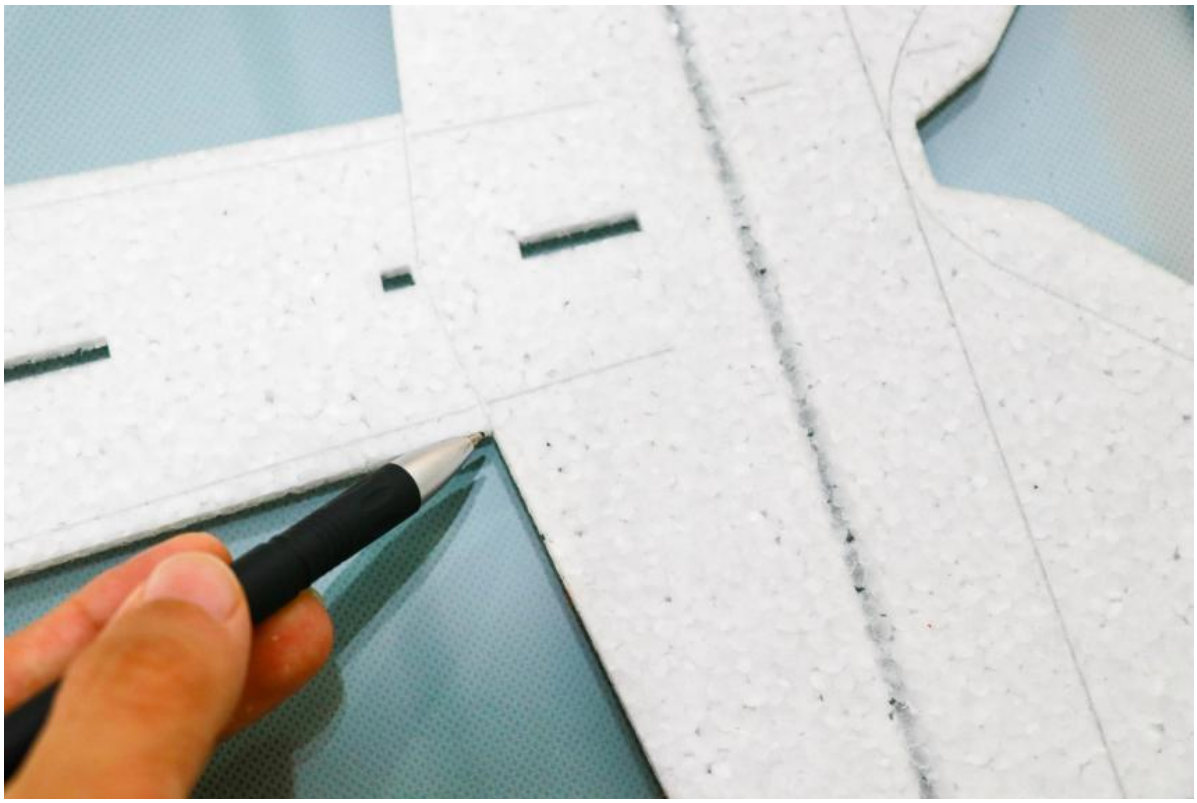
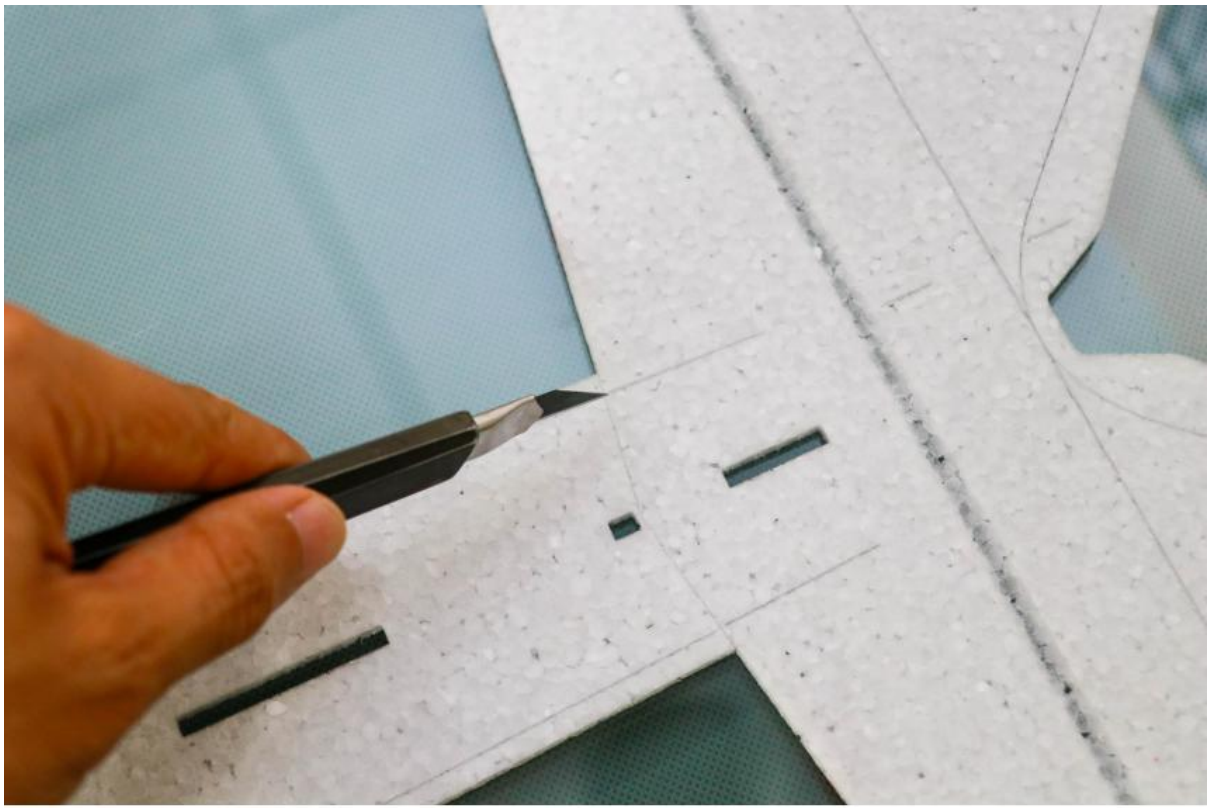
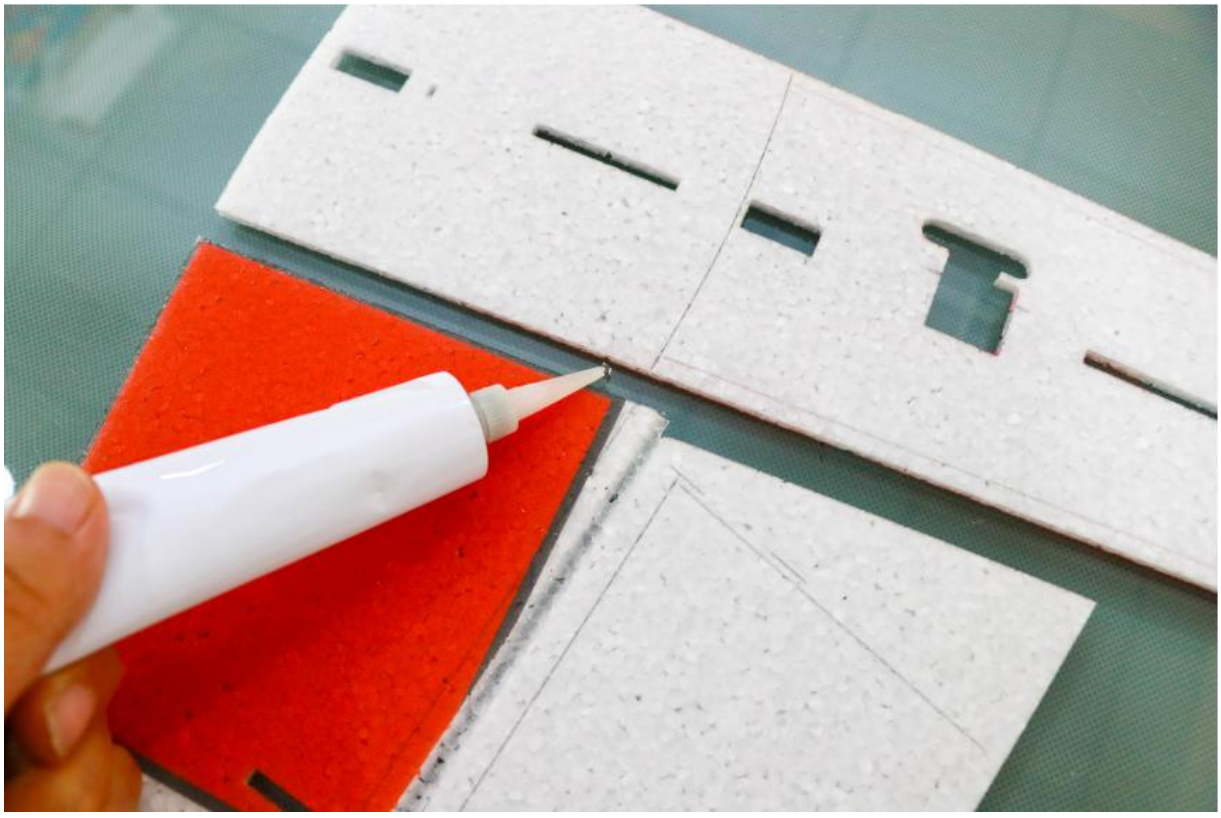
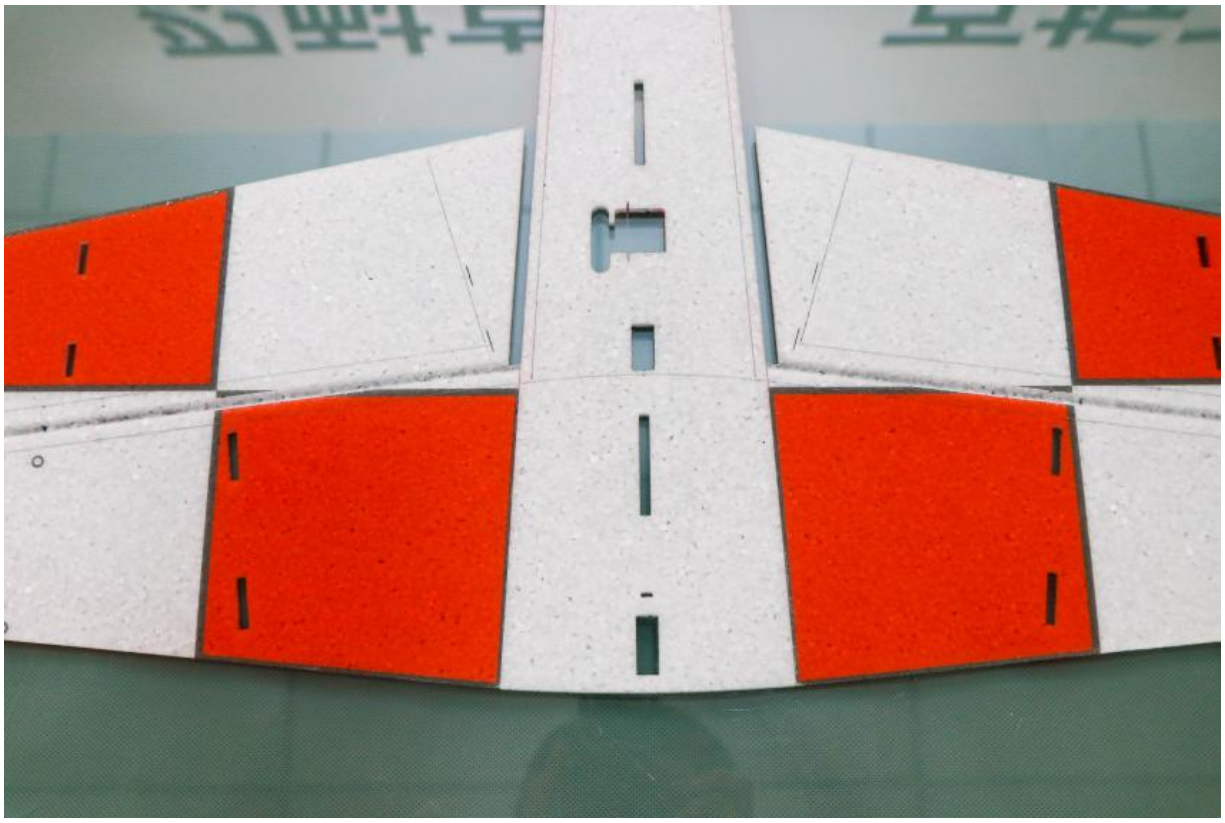


After the bonding is completed, use a utility knife to cut along the slot of the cut carbon sheet again to make the carbon sheet smoothly embedded.

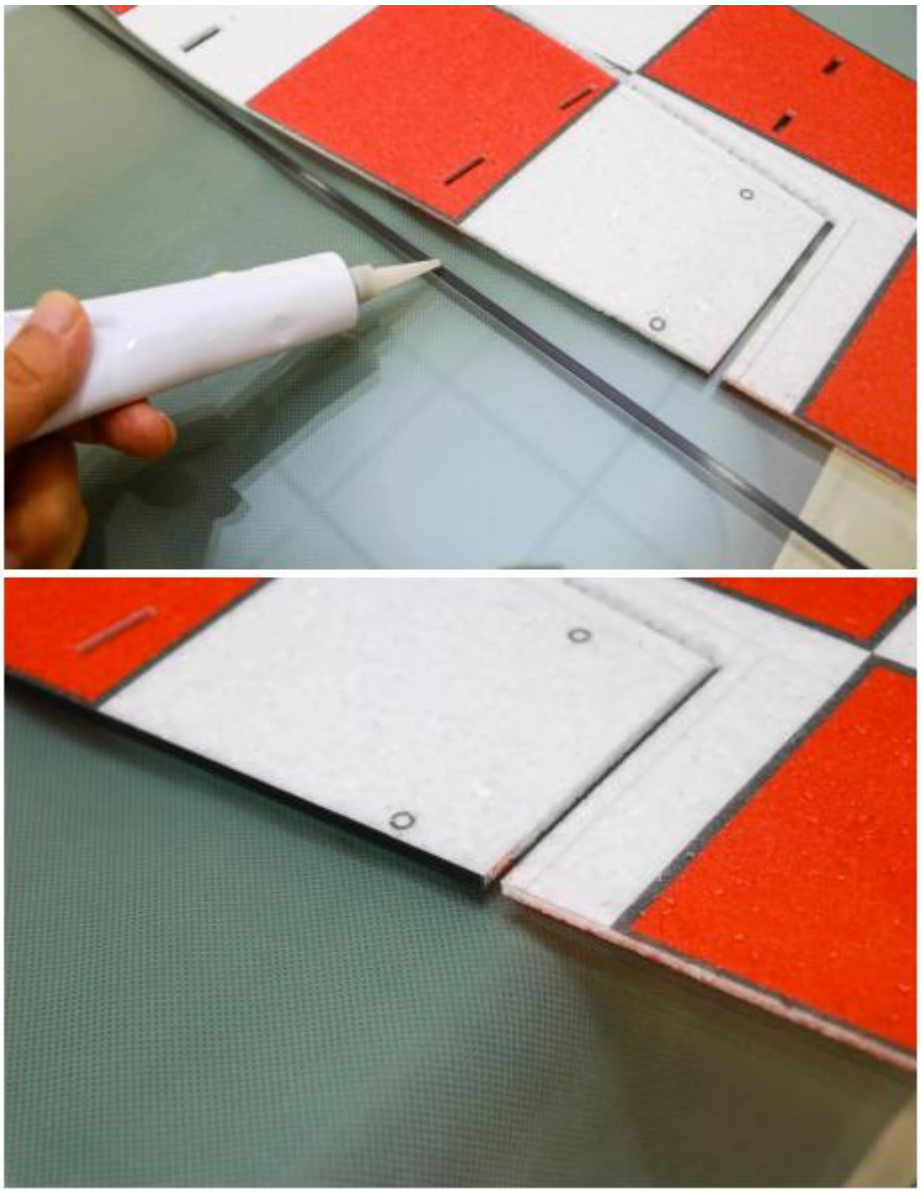


4. Glue the horizontal plane of the fuselage and the left and right wings, use a marker to mark the wings,
After the set is correct, glue on both sides of the bonding surface for bonding

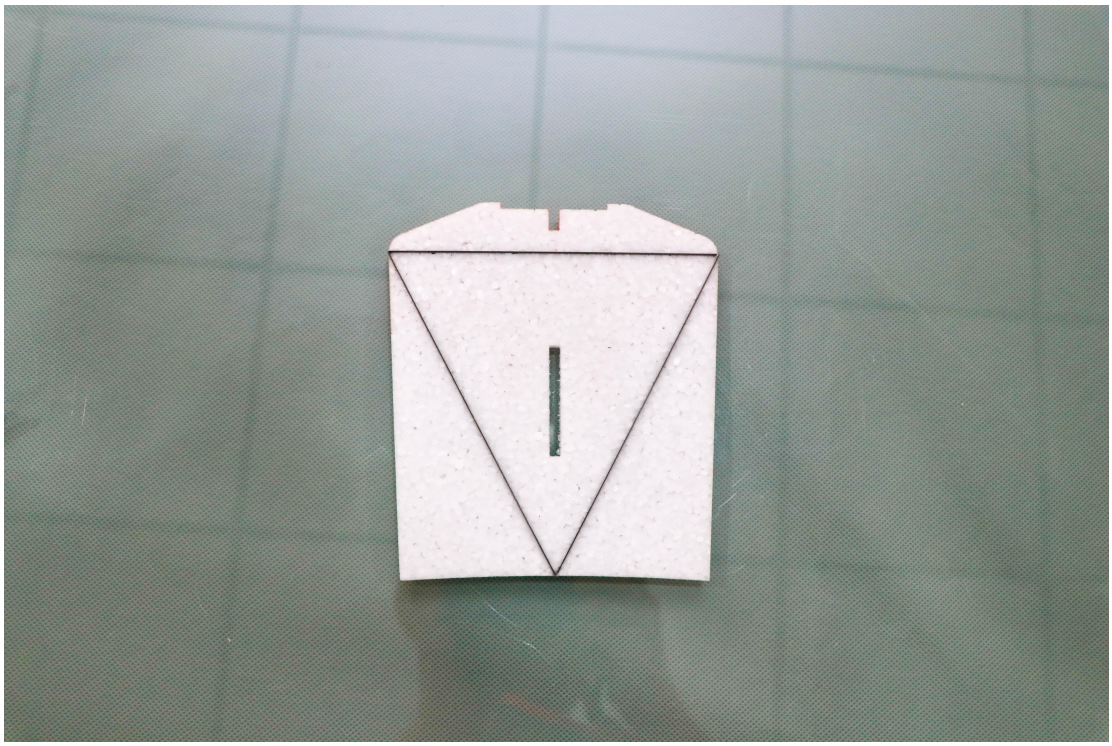




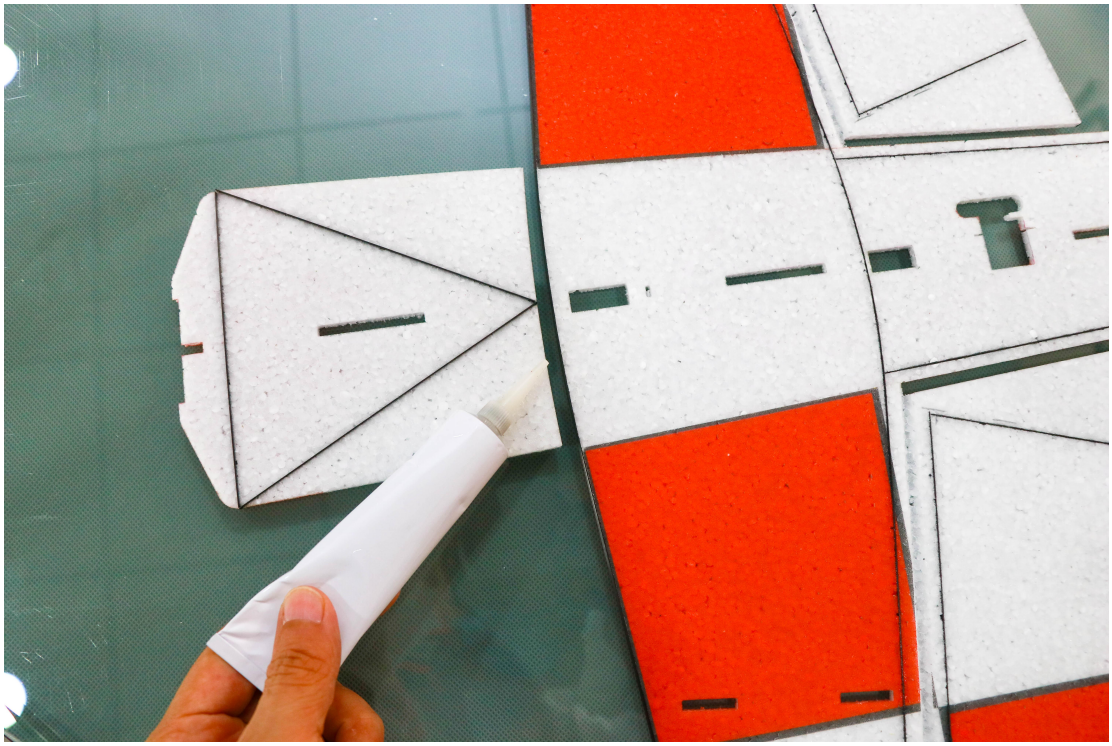
5. Take out the 0.5X4mm carbon sheet from the carbon fiber package. The bonding surface of the carbon sheet and the board must be glued to bond the front carbon sheet of the wing.

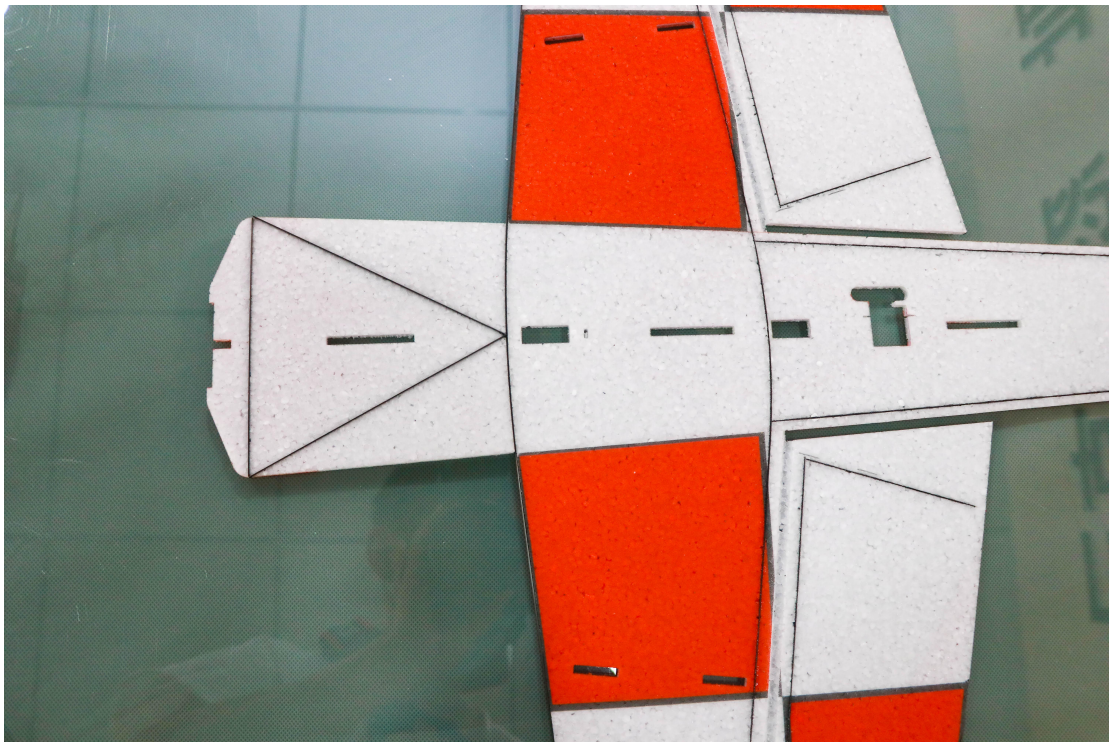


6. Install the carbon sheet of the machine head, take out the 0.2X3mm carbon sheet from the package, cut the carbon sheet to an appropriate length, insert it into the cut groove, and fix it with 502 glue. Due to the permeability of EPP, please pay attention to the amount of 502 glue. It is recommended to use the CA glue accelerator produced by JADE TEAM for better effect.

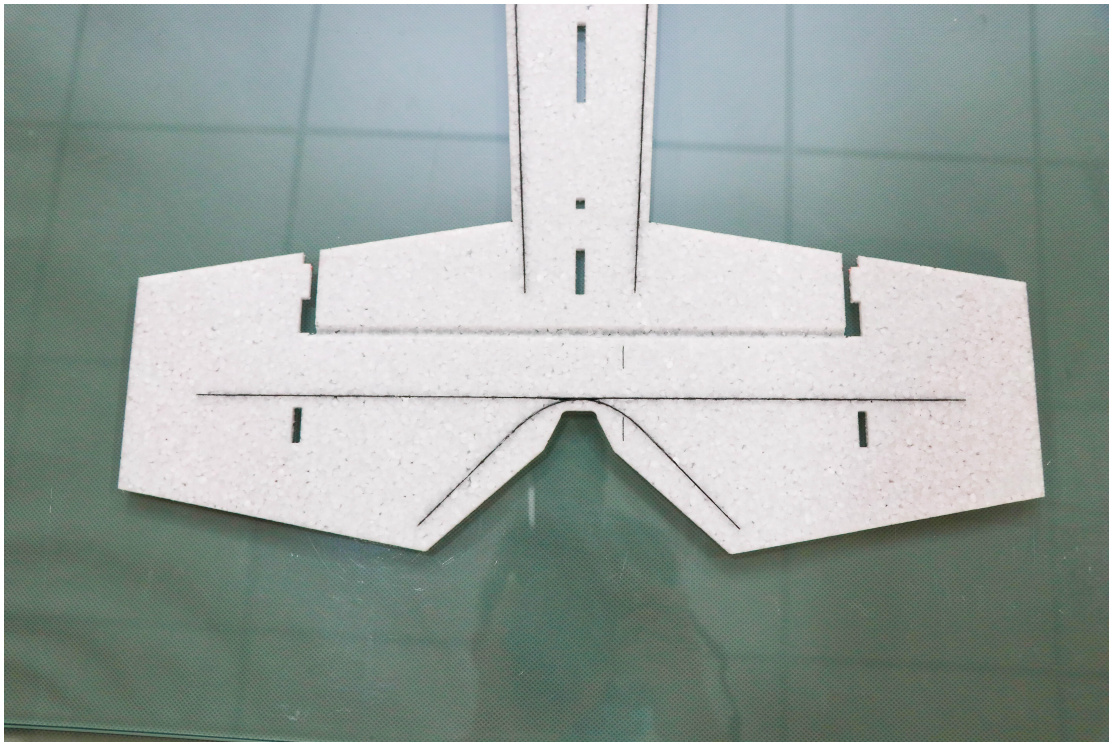


After the carbon sheet is fixed, use a ruler and a marker to coordinate the installation of the head and the fuselage.

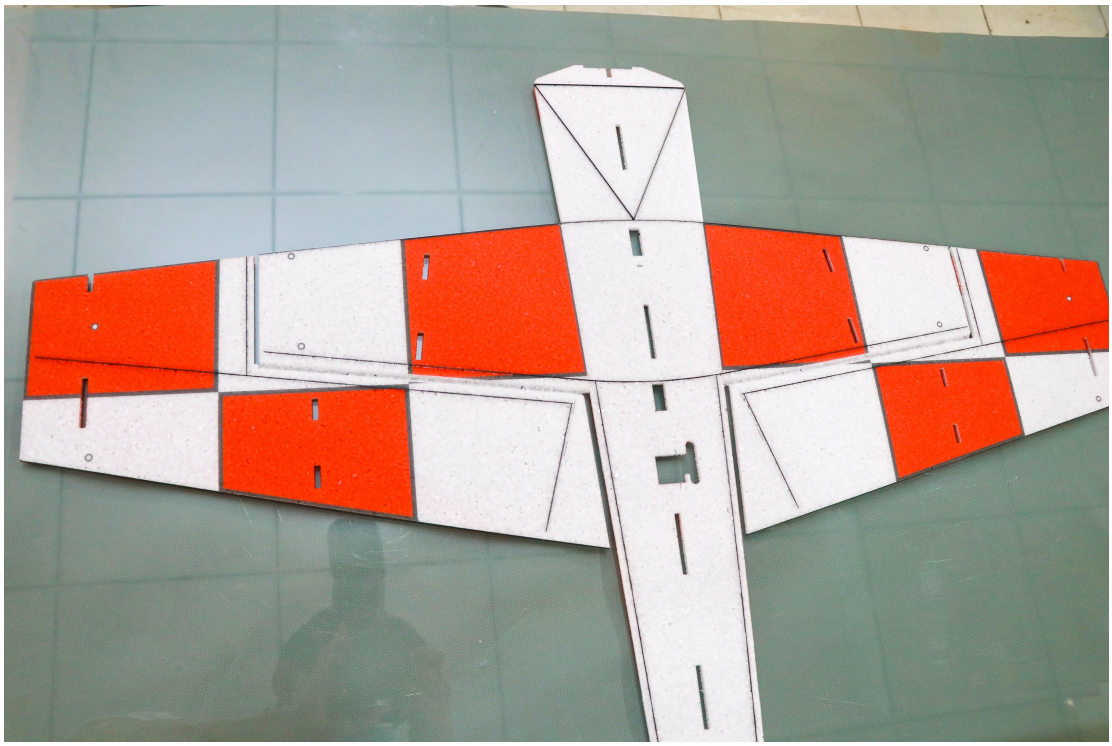


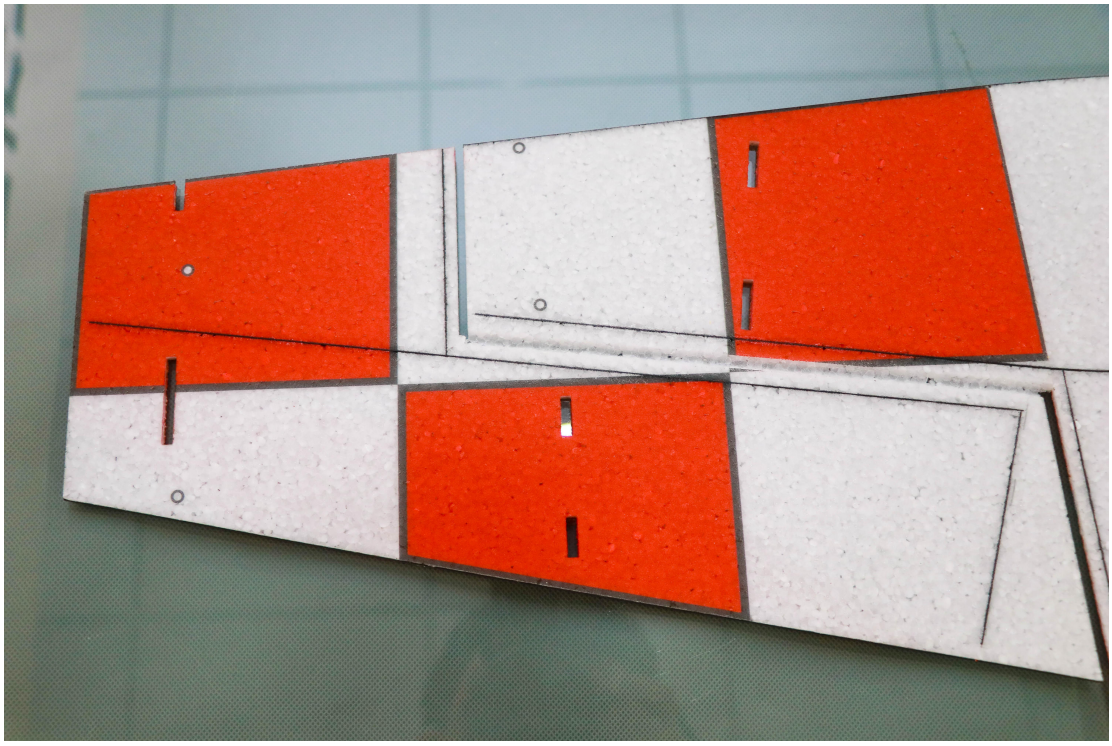


7. Installation of horizontal tail wing carbon sheet, use 0.2X3mm carbon sheet, the installation method is the same as above

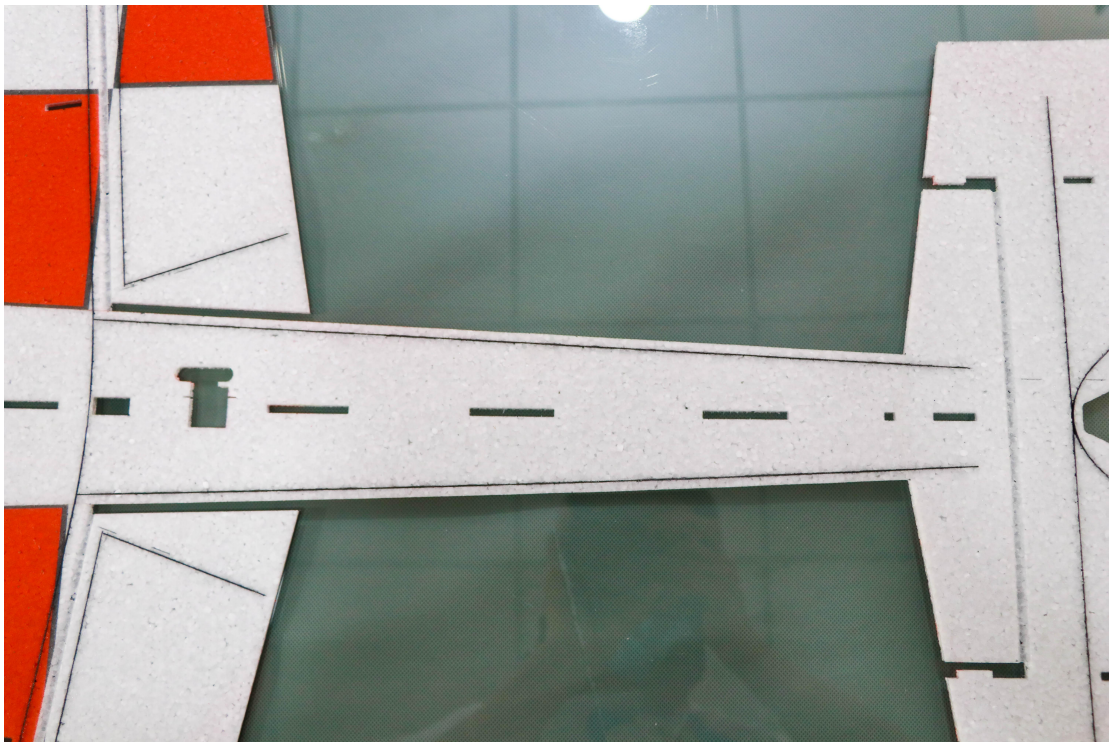


8. The main wing is reinforced, using 0.2X3mm carbon sheet, the installation method is the same as above. Note: The use of carbon sheet should follow the principle of first long and short, first strengthen the long carbon sheet and then strengthen the short part.



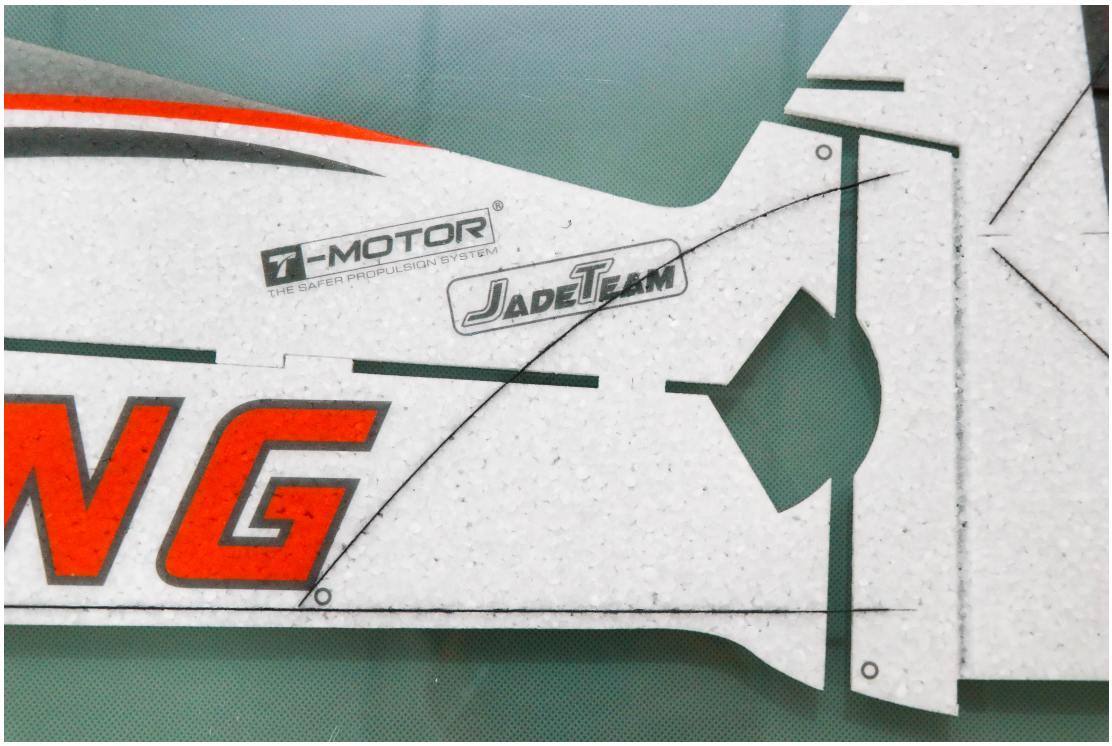


9. Strengthen both sides of the fuselage

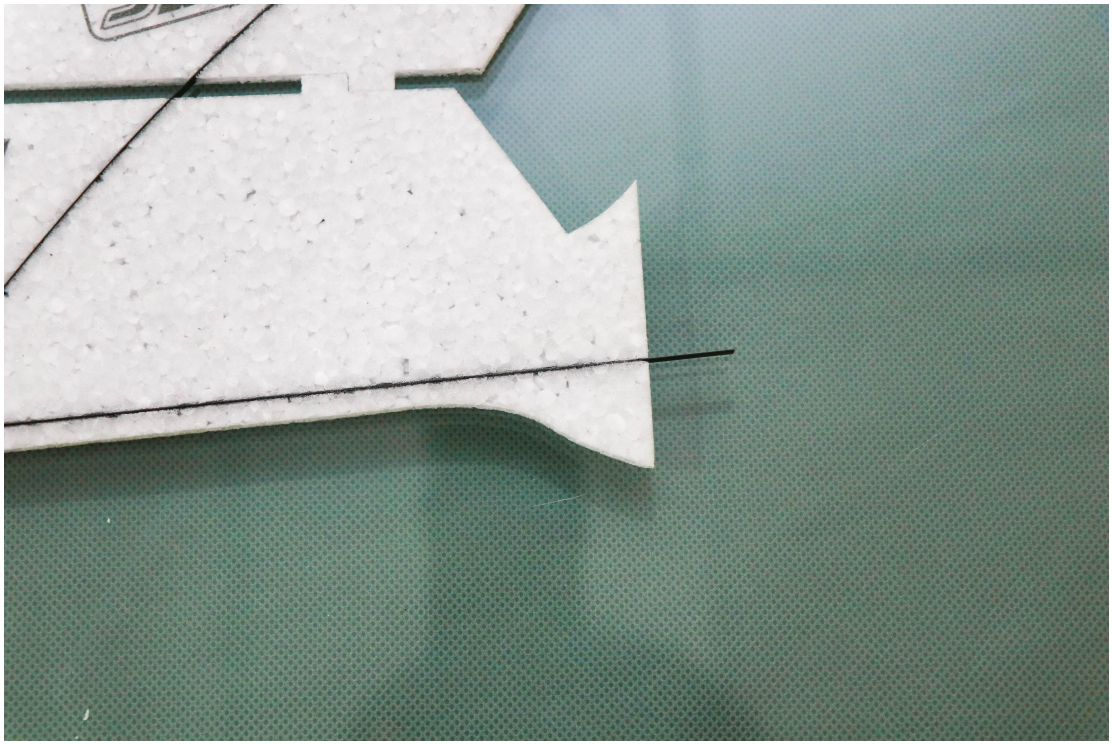


At this point, the installation and reinforcement of the horizontal fuselage is over.

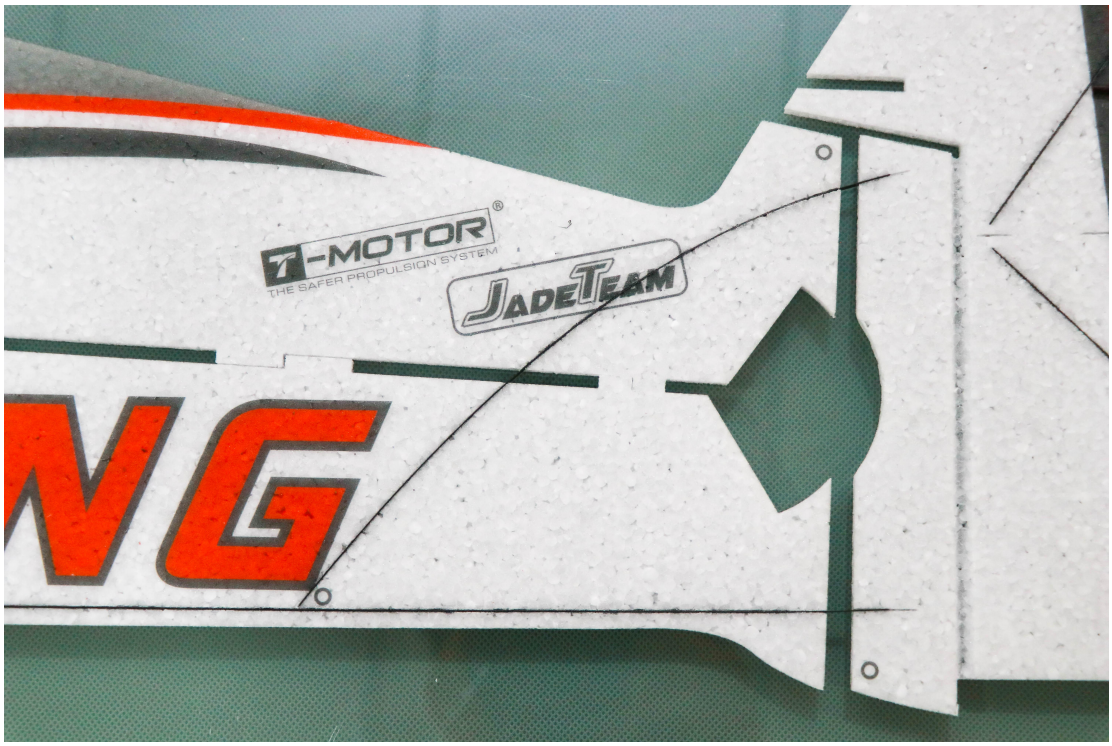
10. Install the fuselage and rudder surface carbon sheet, take out the vertical fuselage and use 0.2X3mm carbon sheet



Here is a special note: to install this carbon sheet, the rudder surface must be set on the fuselage to reserve enough length for the installation of the carbon sheet.

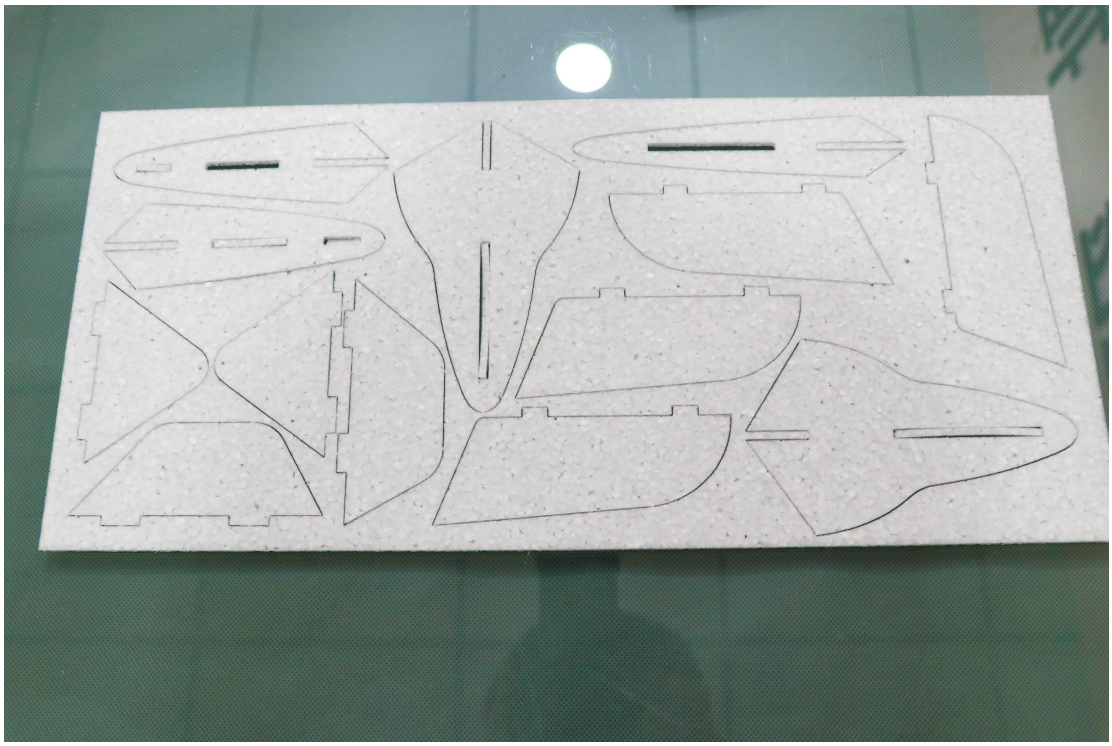


Note: The carbon sheet in the following 3 pictures is bonded to the board, only the upper half of the fuselage is adhered, and the lower half of the fuselage is not glued! ! !

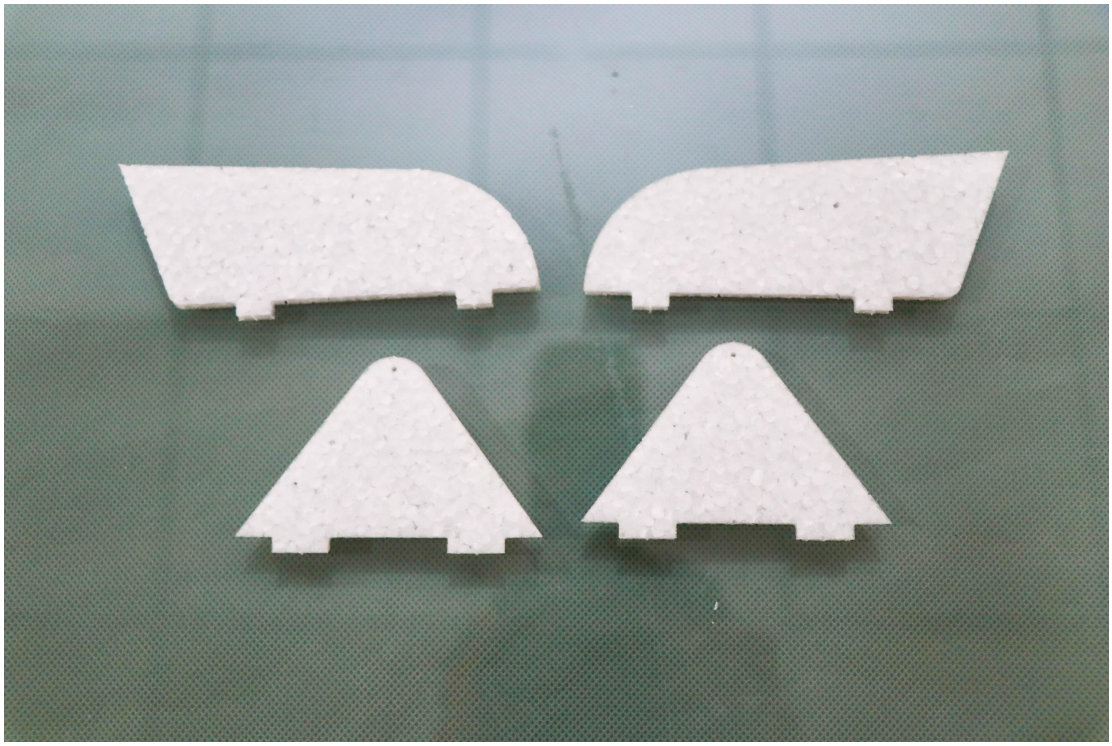


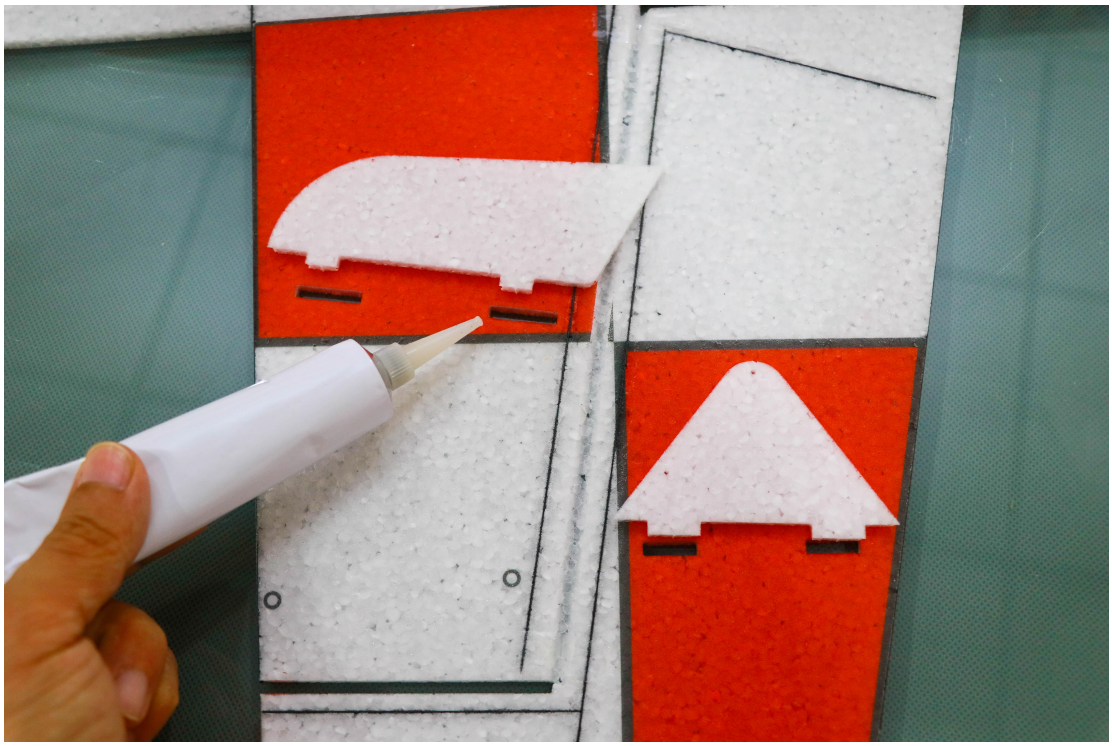
So far, the aircraft's embedded enhancement has been completed

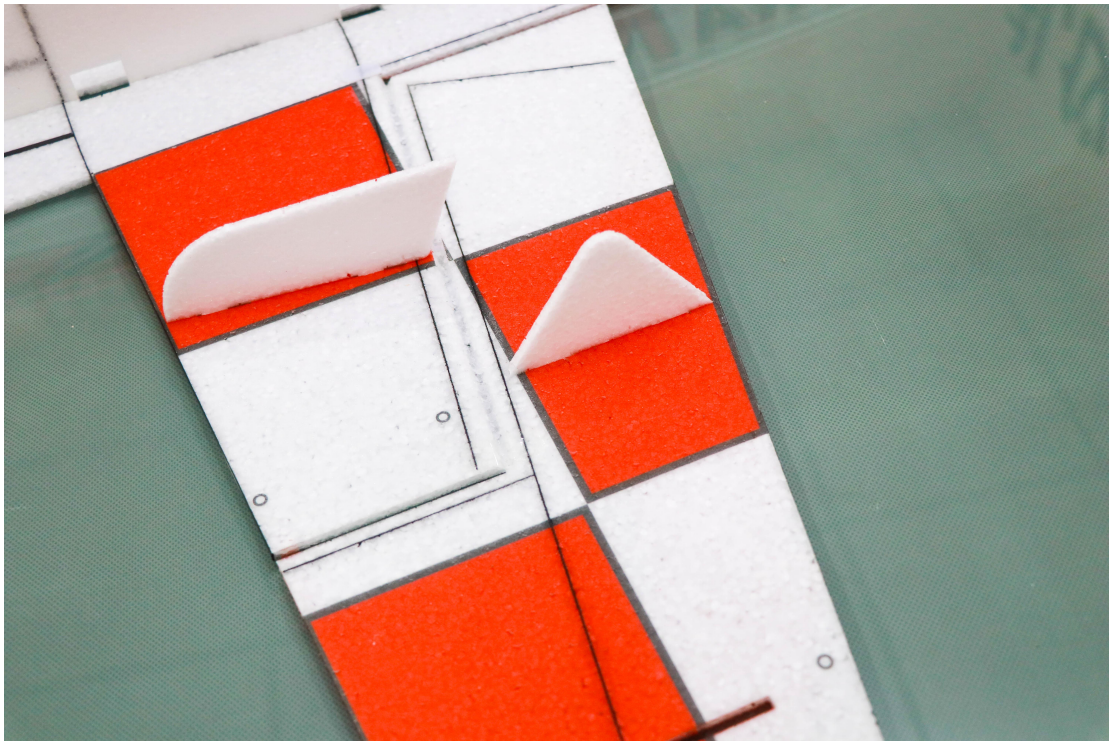
11. First, the lower half of the fuselage and the horizontal fuselage are falsely assembled, and then the adhesive surface is glued and bonded.



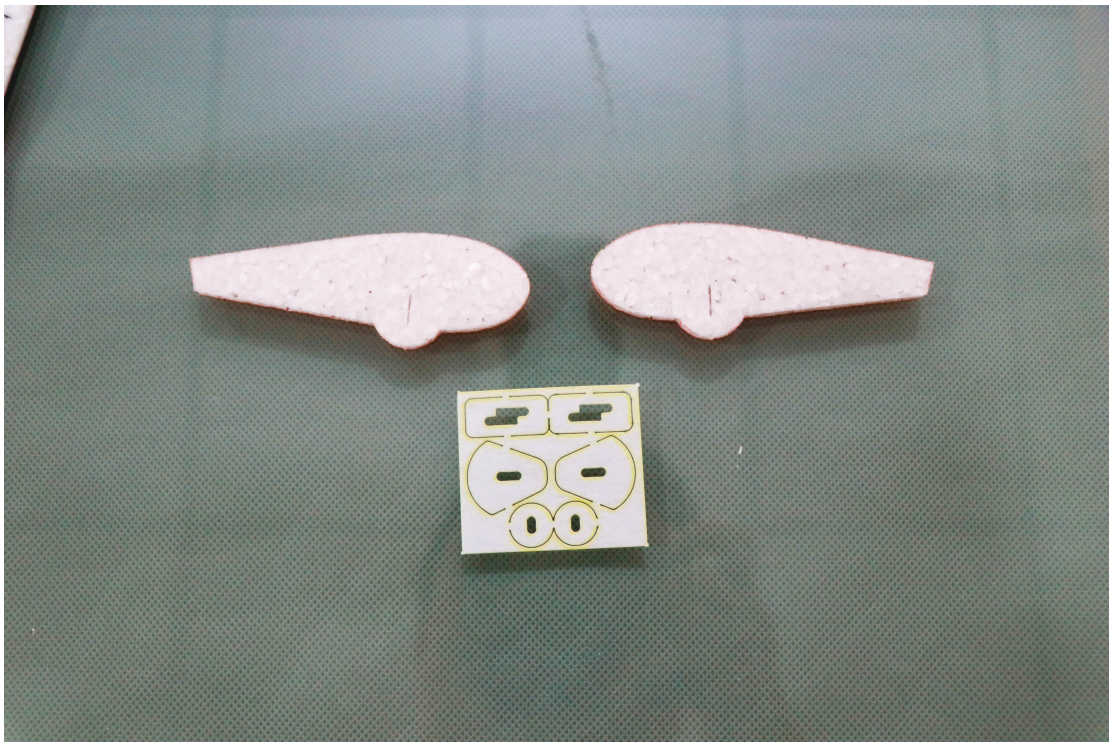
12.Install the main wing and aileron stiffeners, find the accessories in the figure below, and glue the bonding parts.

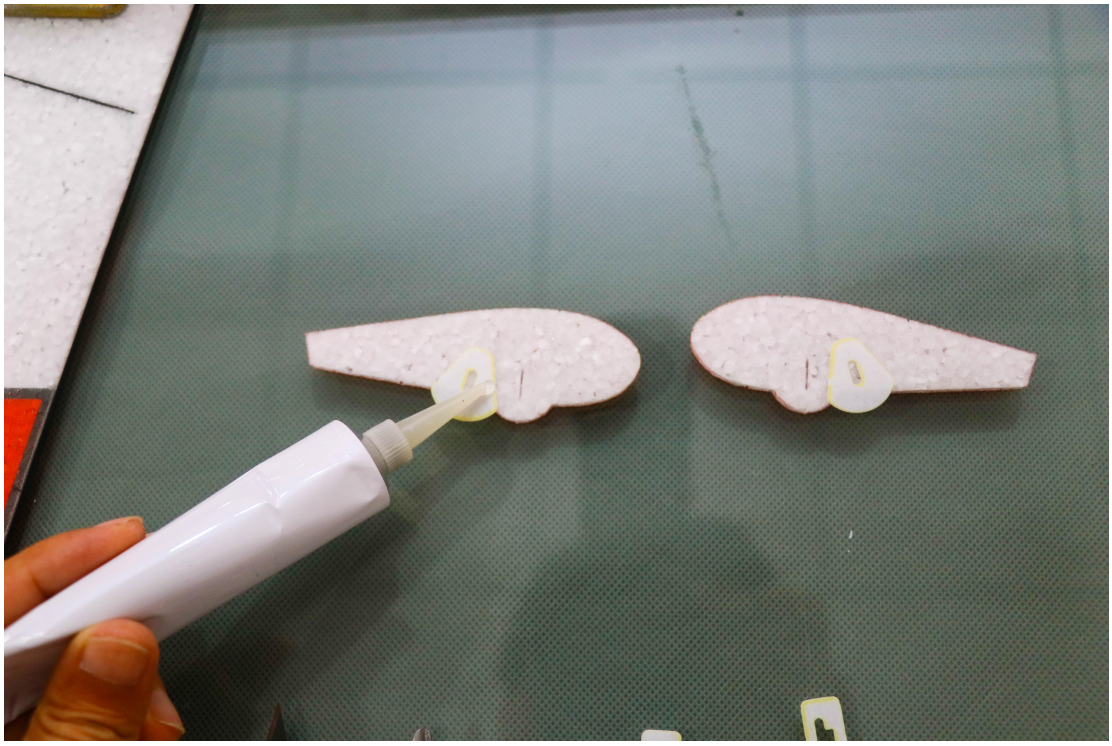


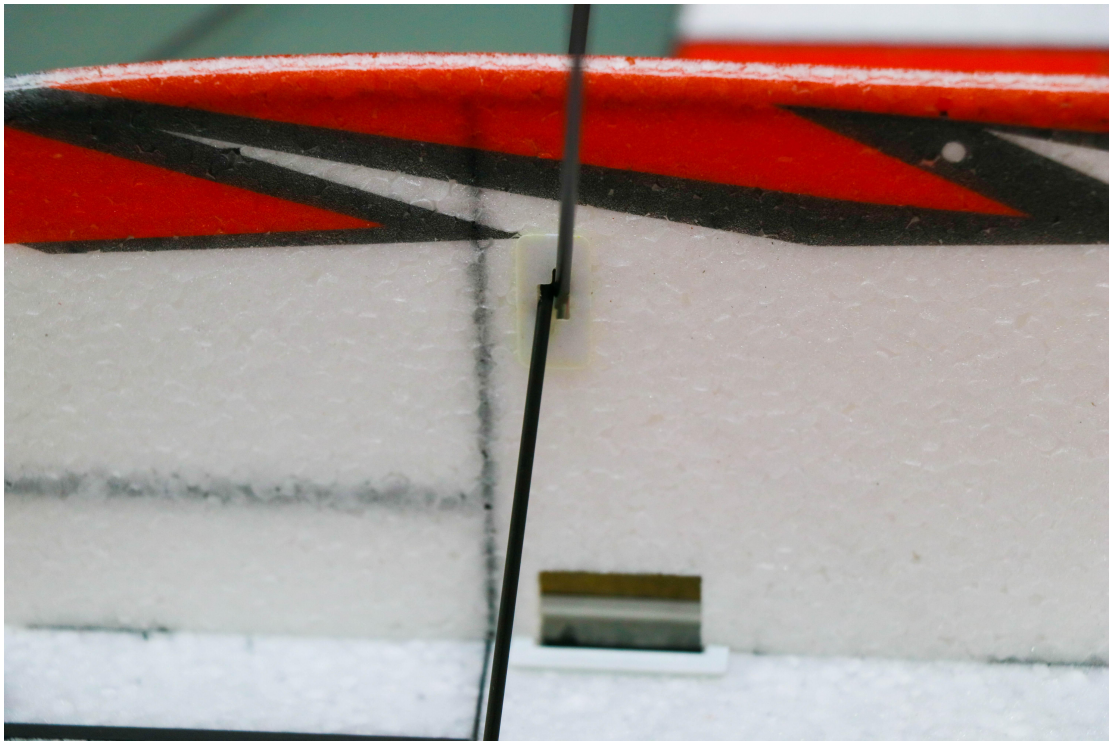




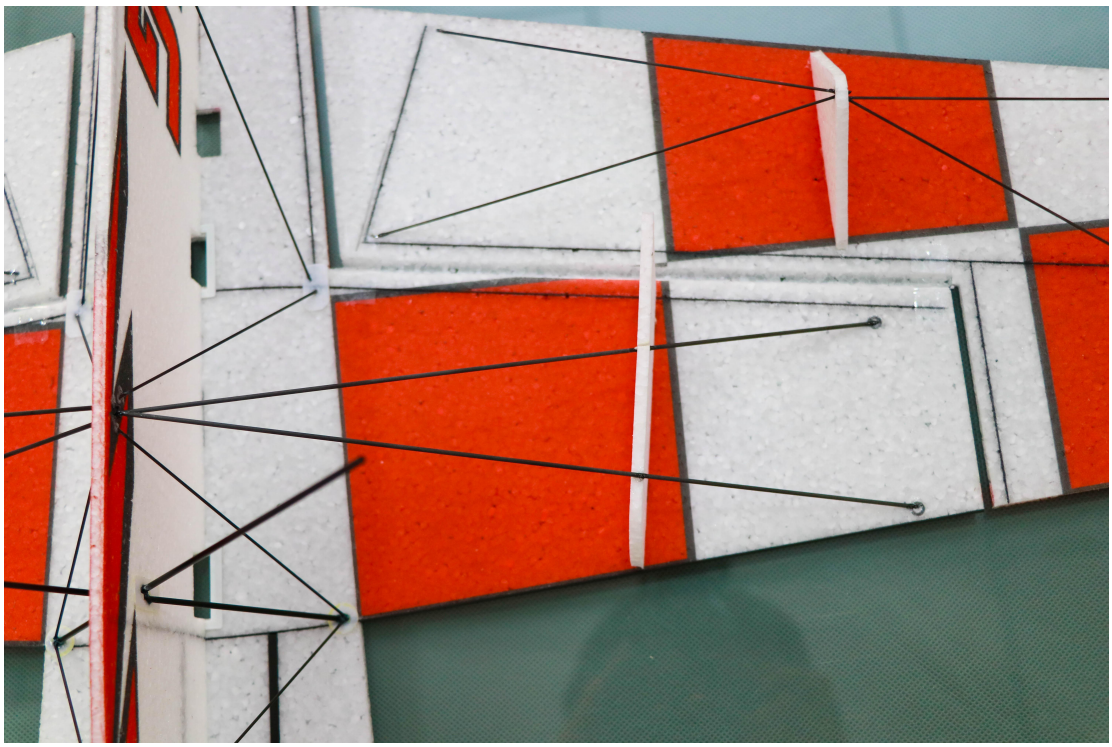
13.Landing gear installation, take out the accessories in the picture, use 2X220mm carbon rod.

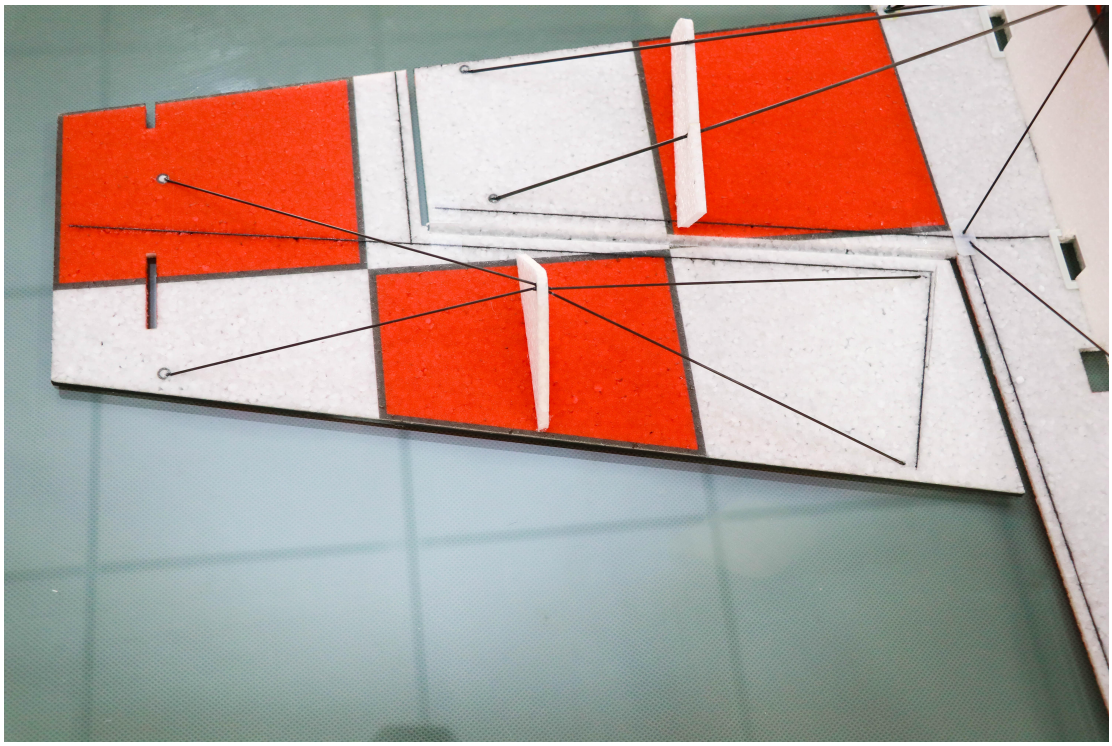






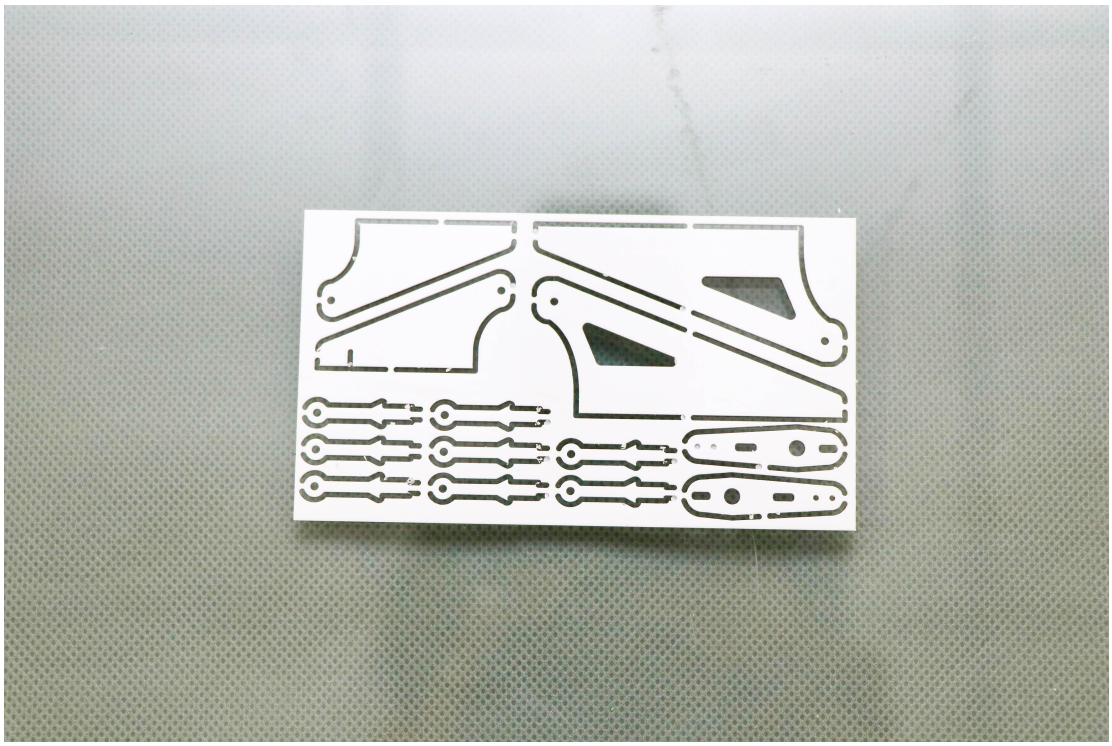
14. Carbon rod reinforcement for fuselage and wings

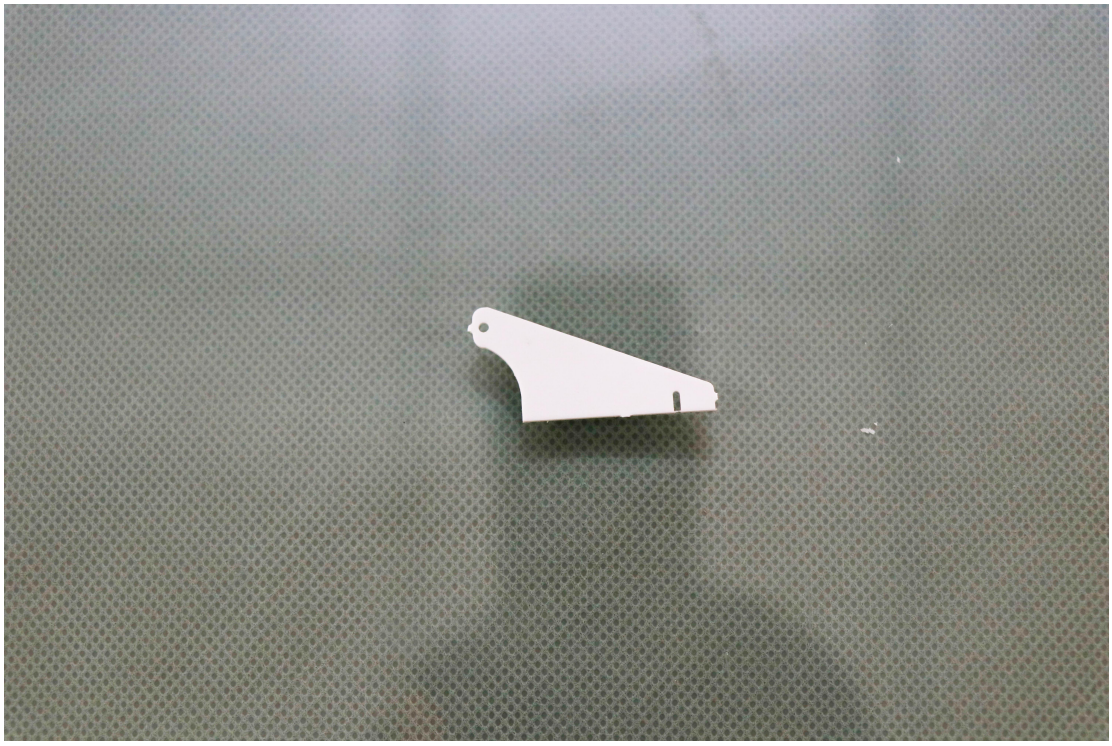




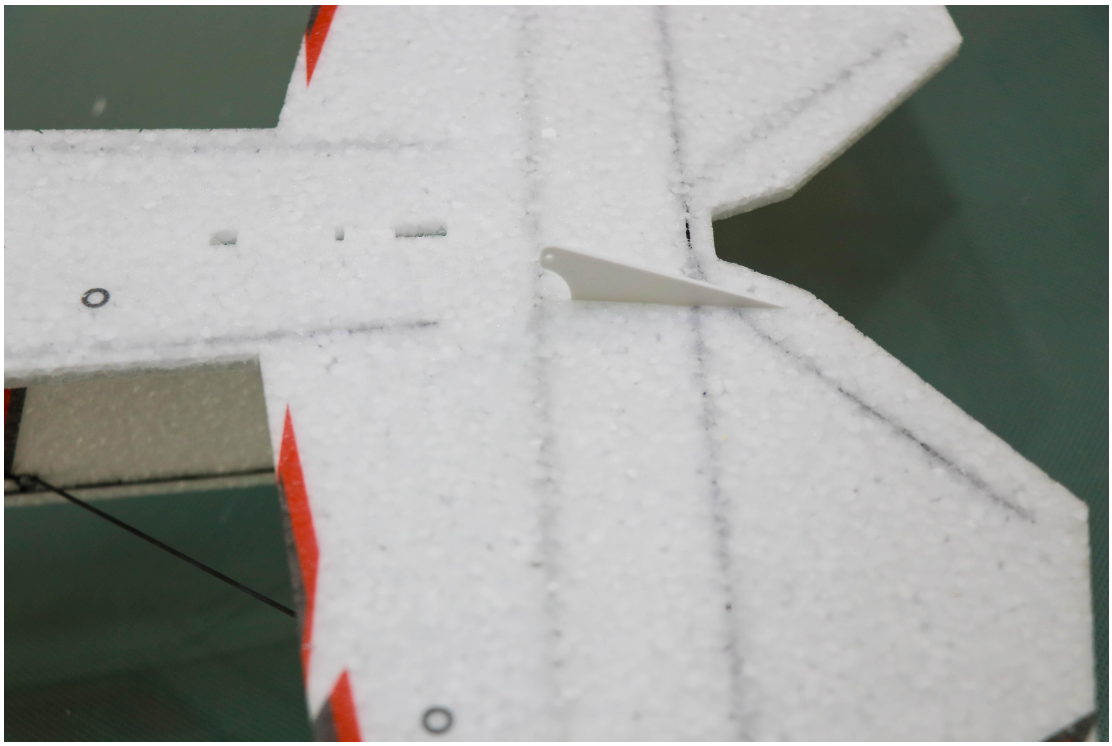
So far, the installation of the lower part of the fuselage has been completed

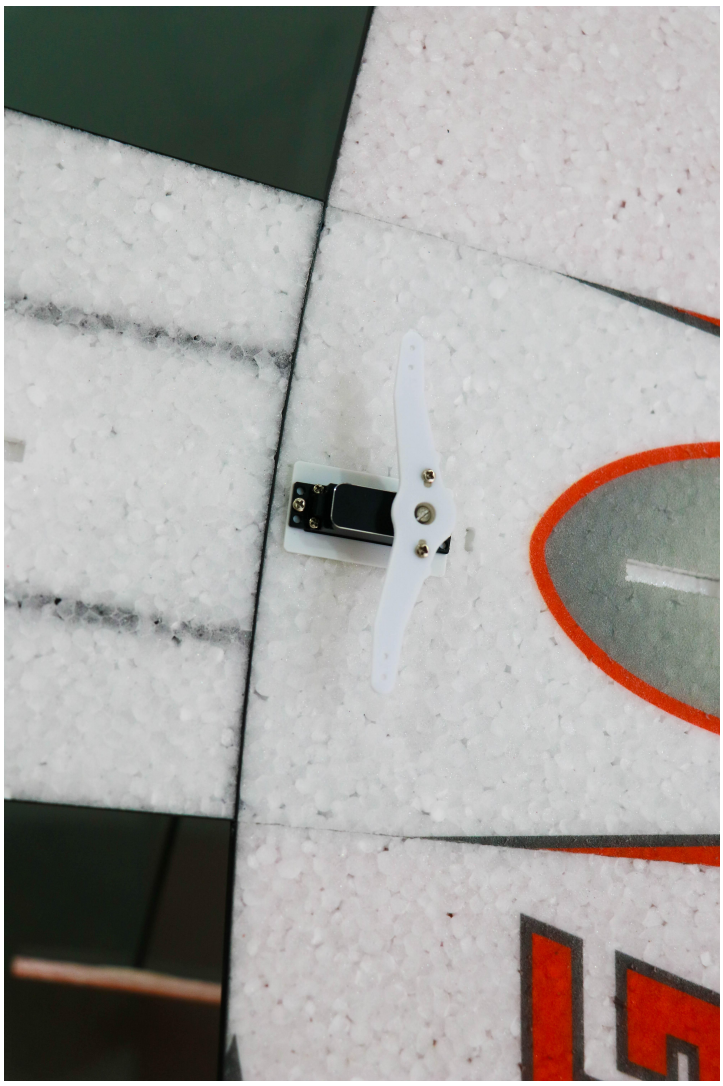
15. For the installation of rudder angle and electronic equipment, cut 1.5X115mm. The product contains a 1.6mm drill bit. The aileron chuck needs to be reamed by itself.

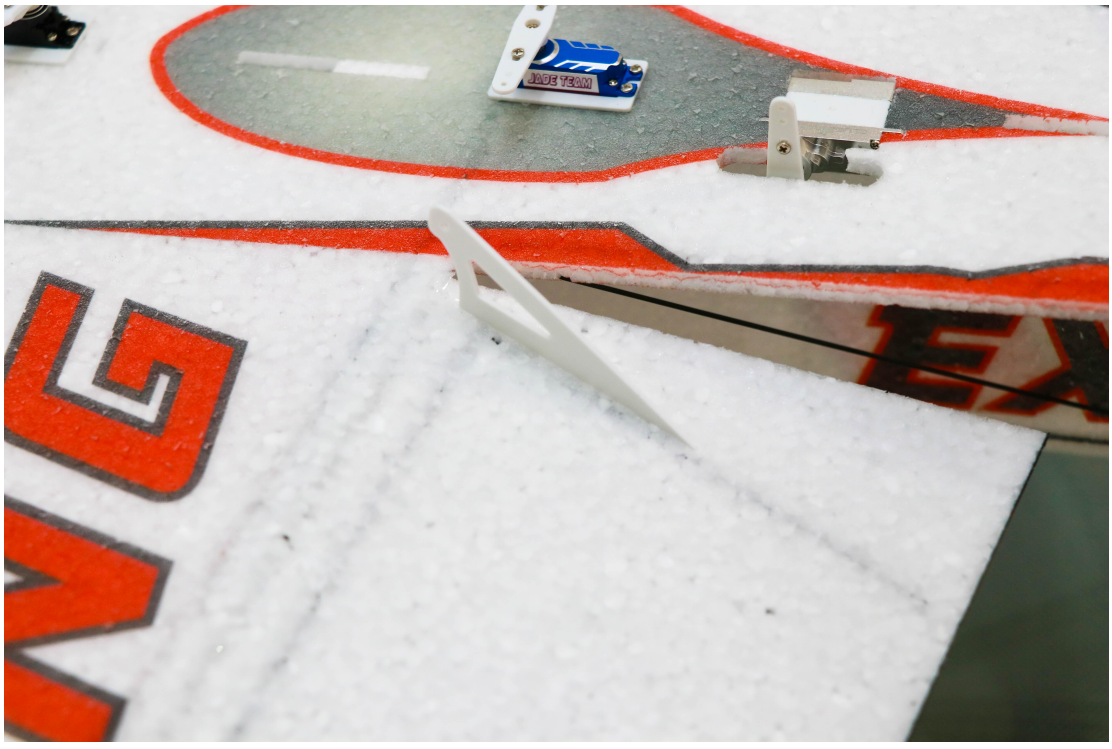




Note: The steering gear with groove in the picture above is the elevator angle



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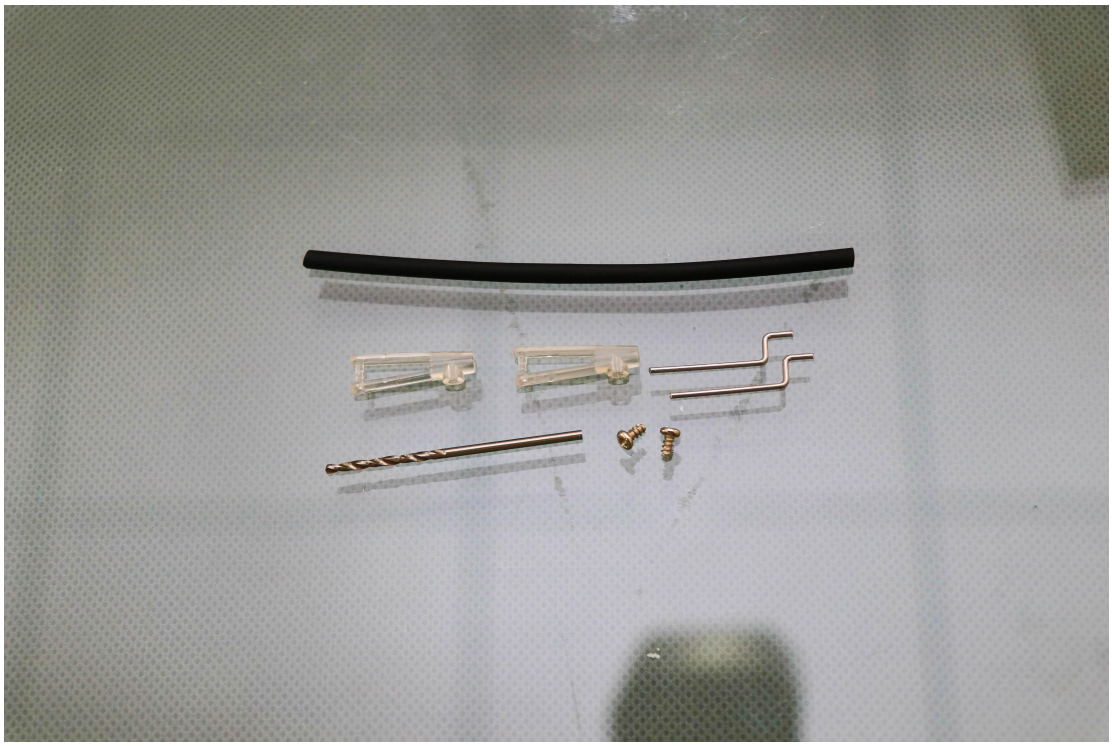

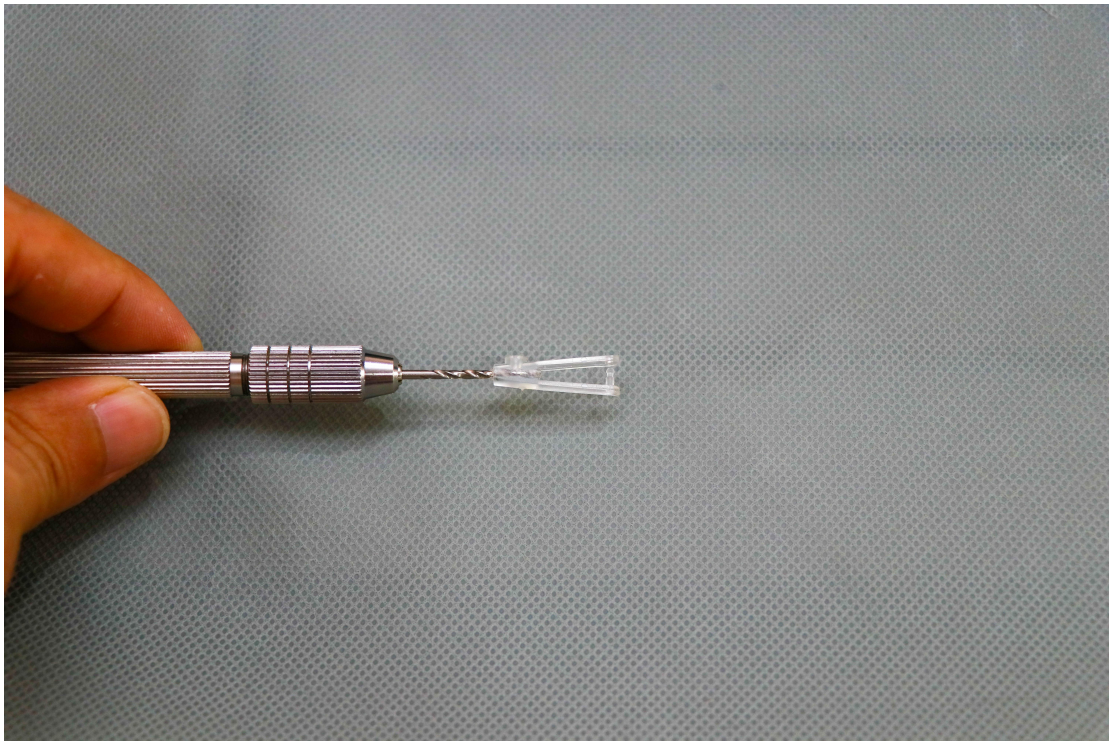


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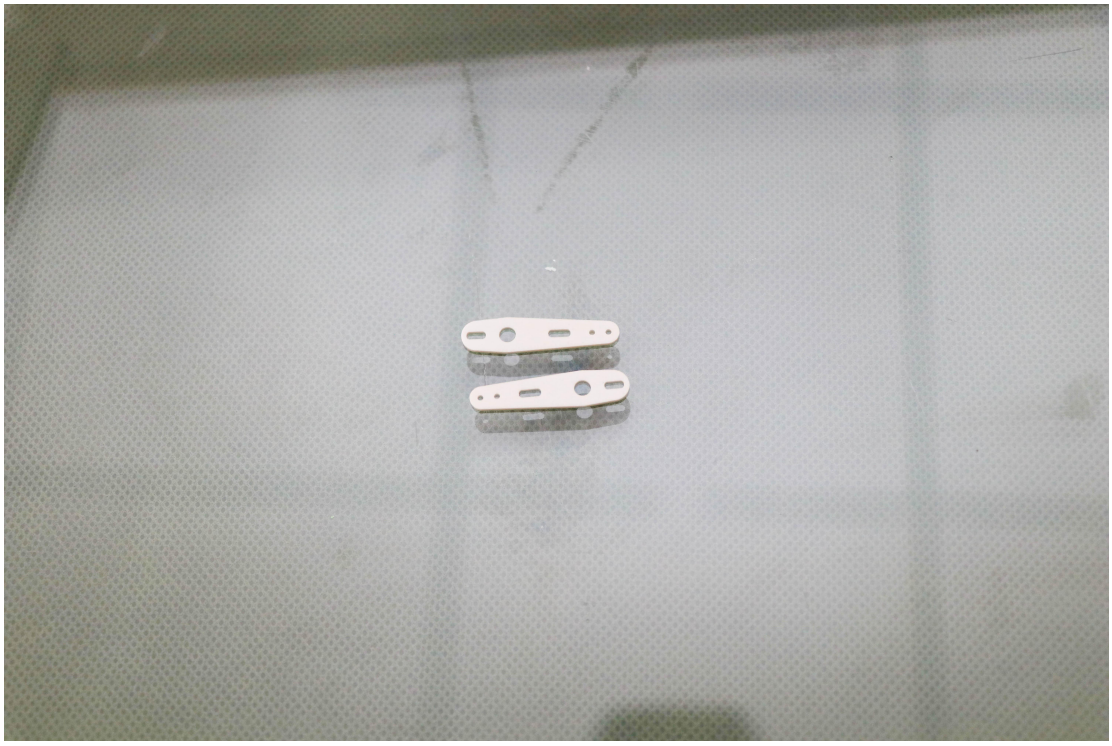
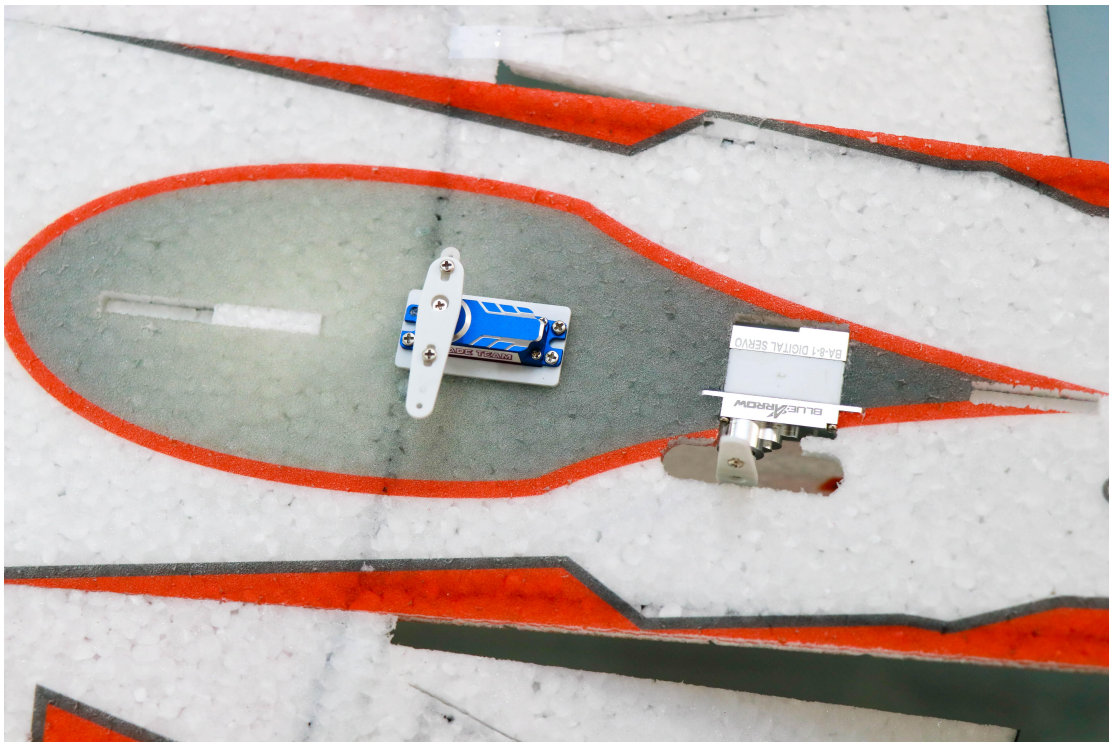
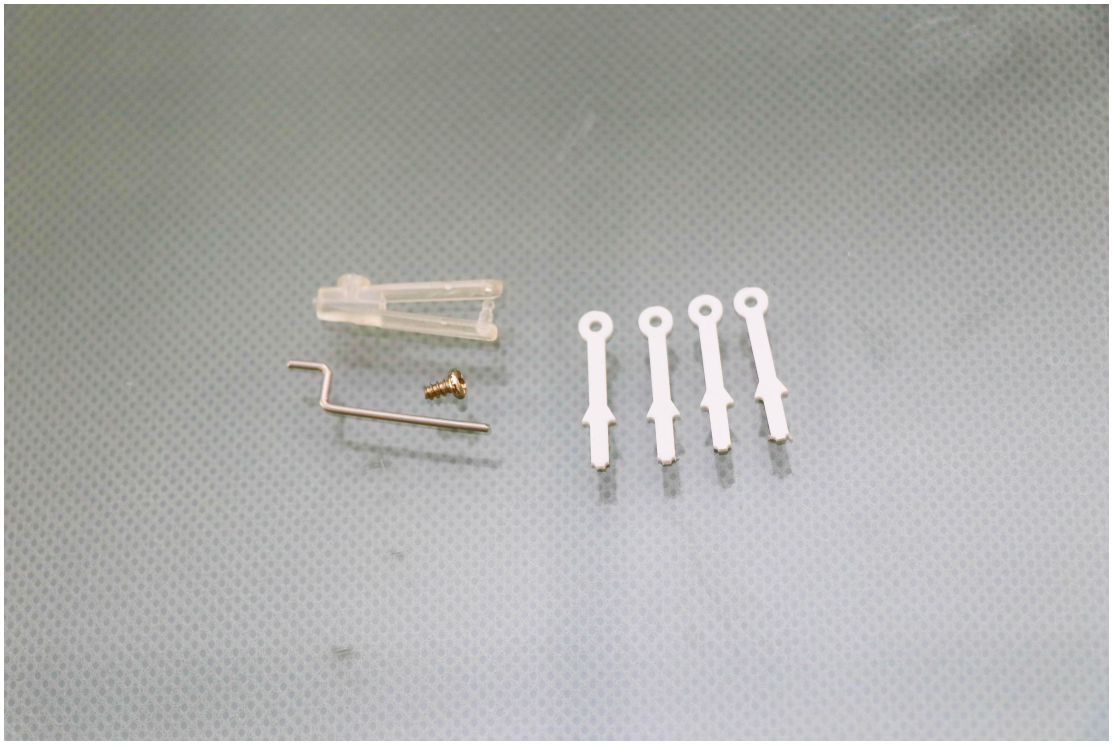
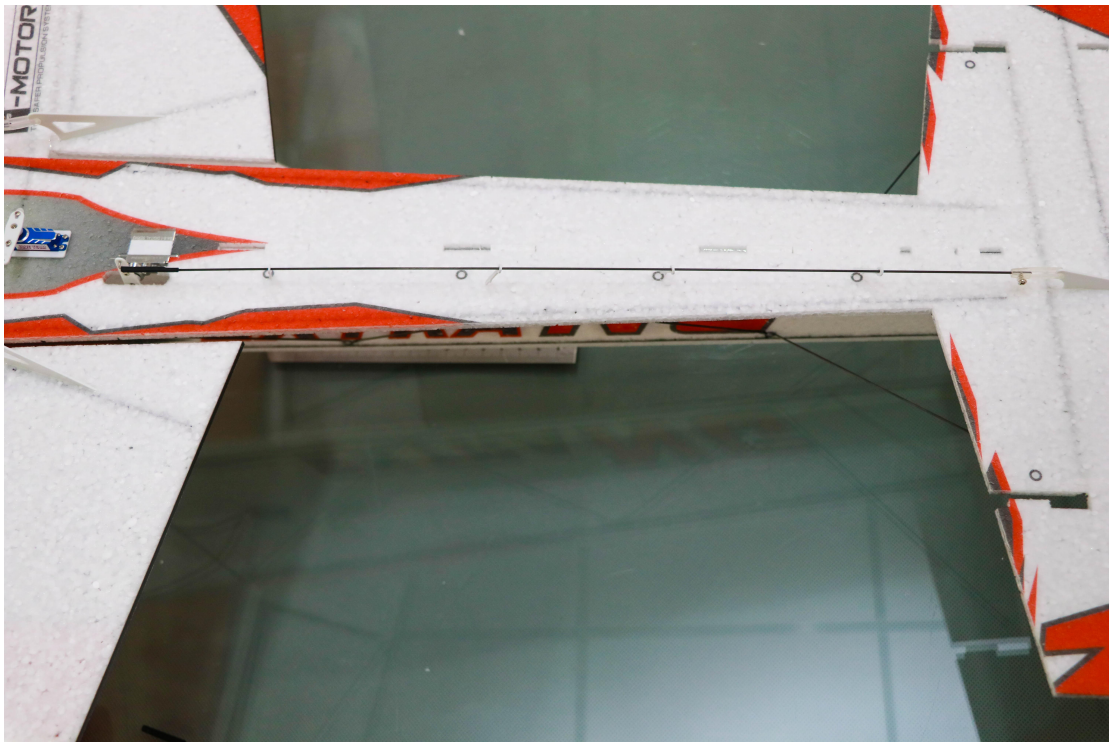
THE SAFER PROPULSION SYSTEM

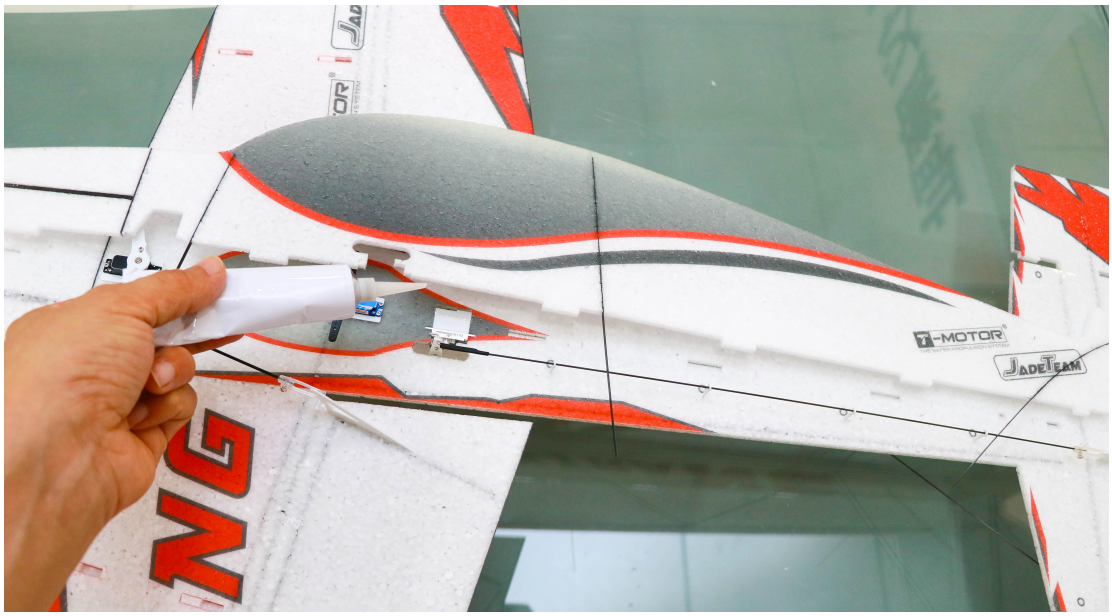


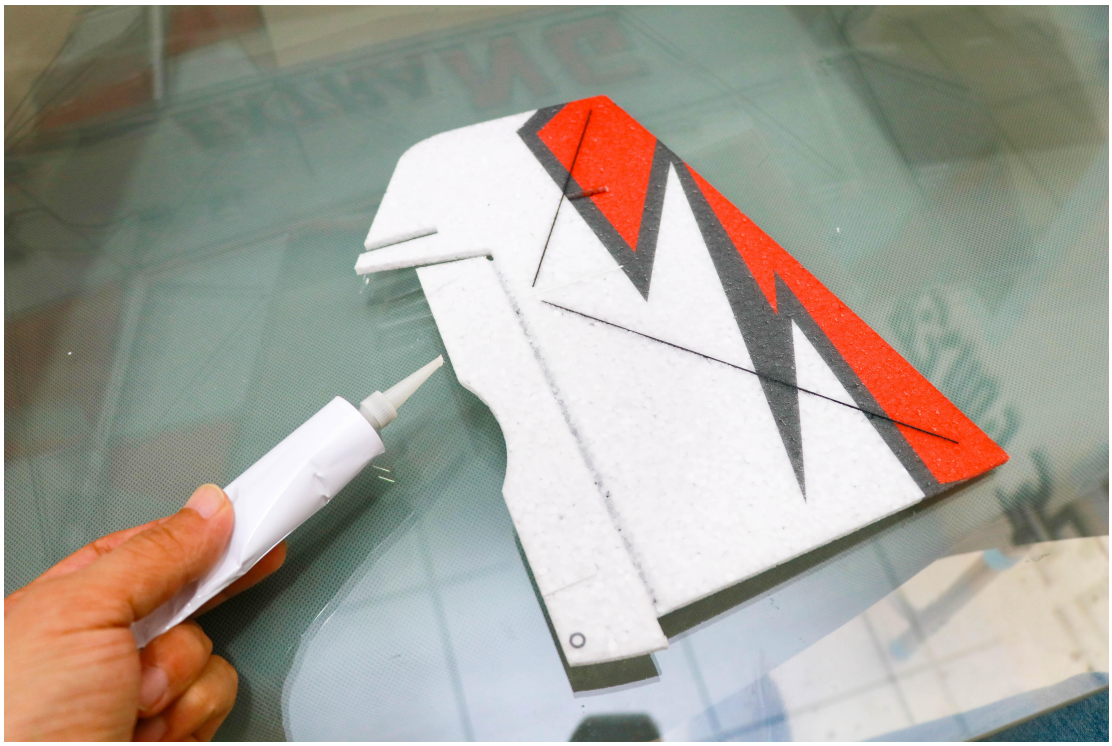

BLUE ARROW
BA-8-1 DIGITAL SERVO

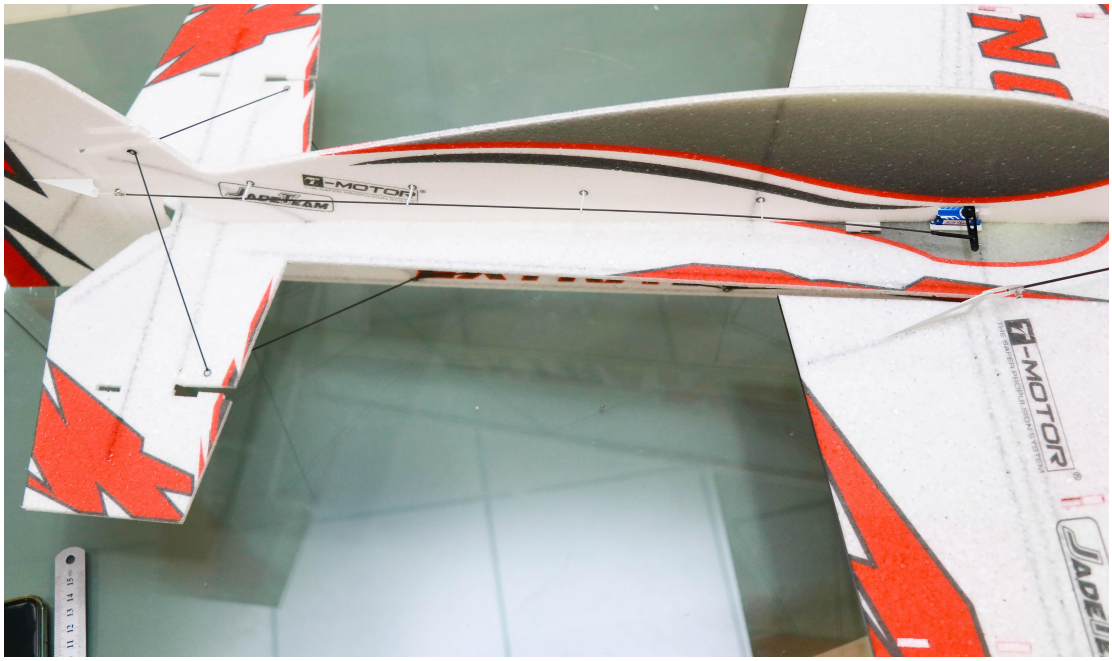




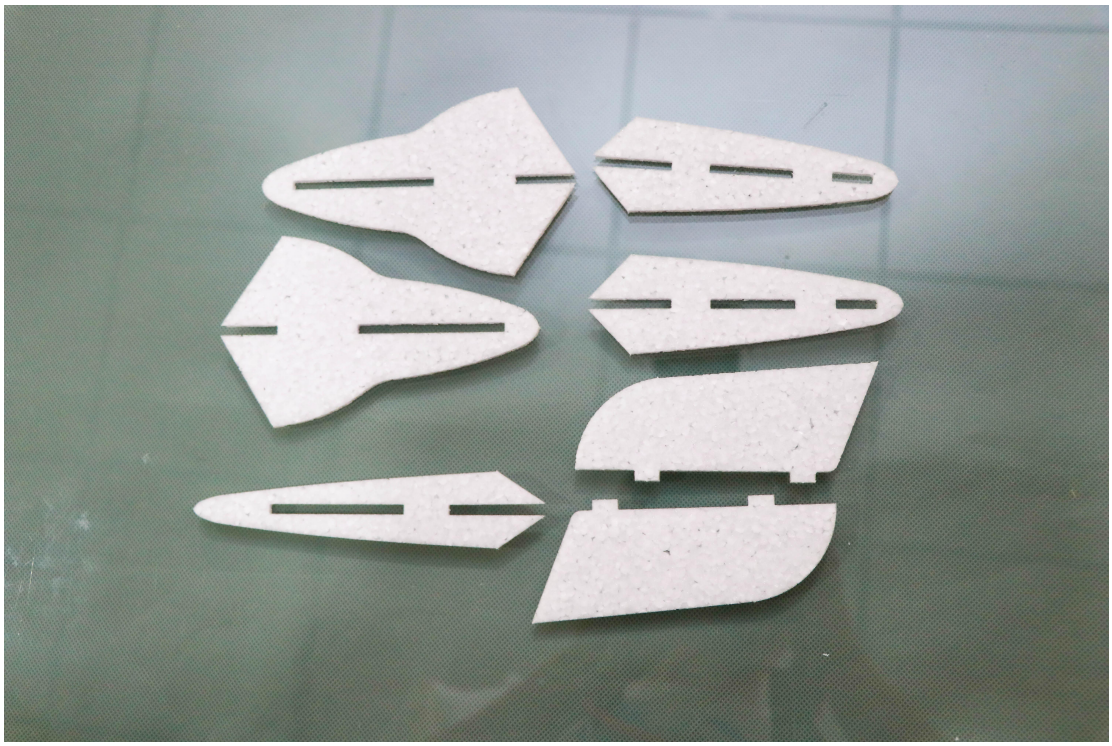
16. Install the upper fuselage, put the upper fuselage and the aircraft into a fake group, and then glue the fake group together







17. Wing knife installation

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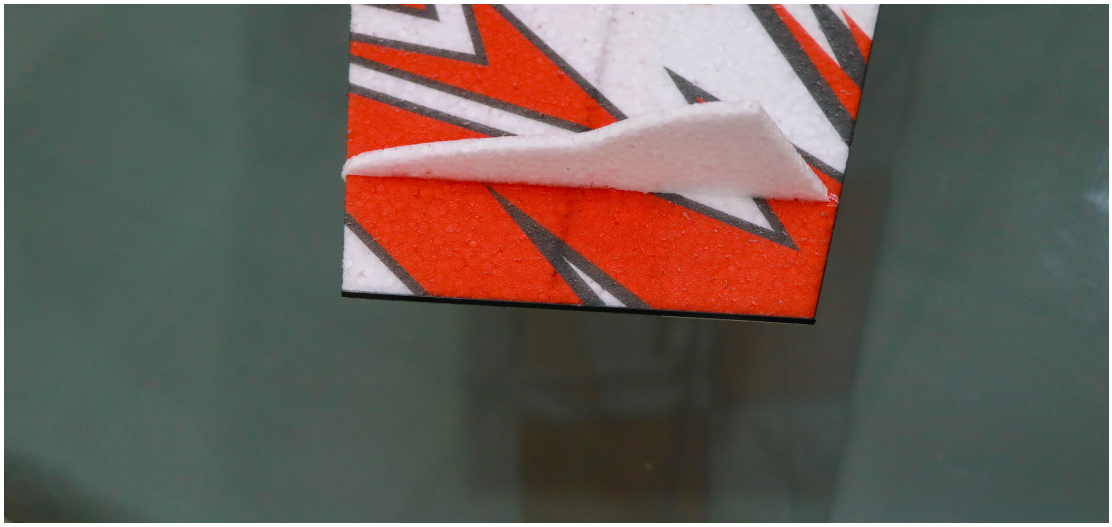
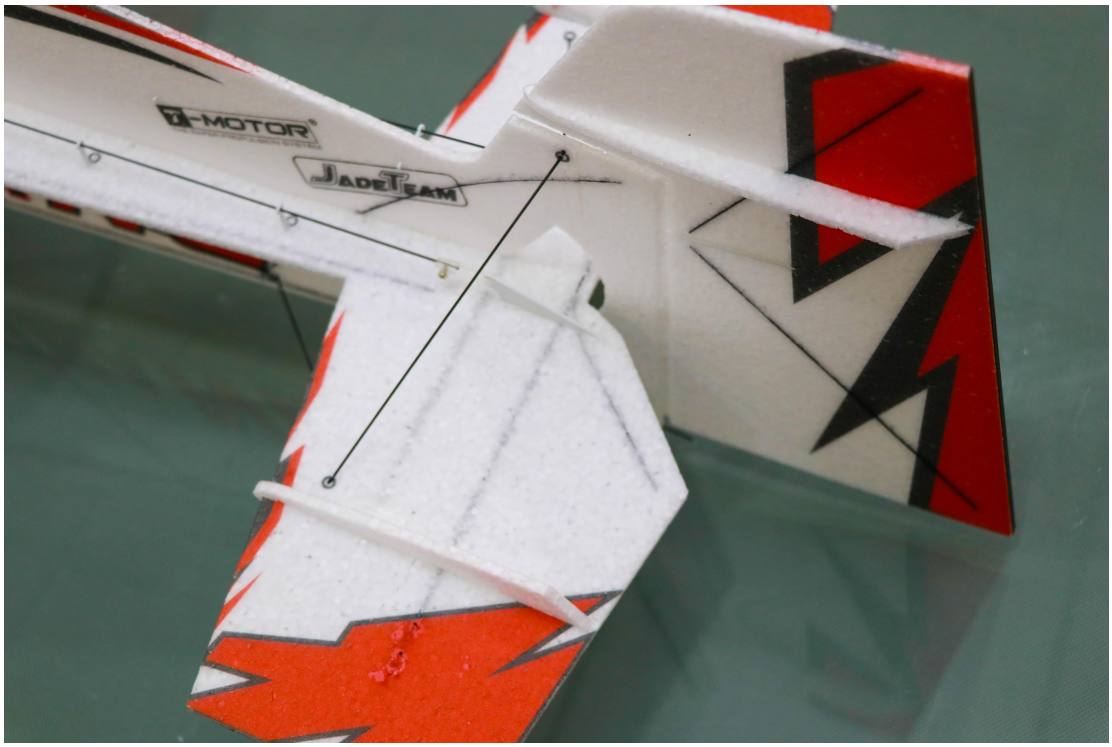
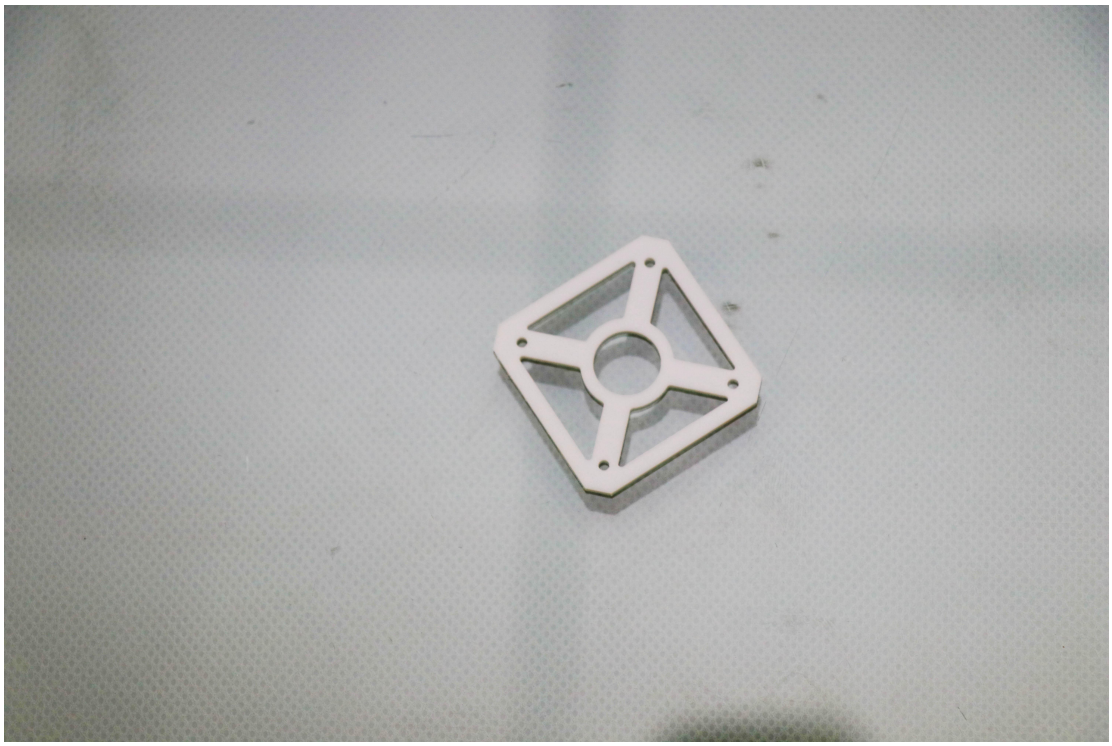




18. Install the motor base to the corresponding position of the machine head



The center of gravity of the aircraft is 240mm behind the nose (excluding the motor).

At this point, all the installation of the aircraft has been completed.

Thank you for your support of JADE TEAM products. I wish you a happy flight.

Thank you!