F-01 KIT Assembly Guide

Thanks for buying HEE WING F-01 Delta wing, this product is professional radio control airplane, please read this guide carefully to understand correctly the assembly procedure before assembling, wish you have a fun fly!

Open the package

Need to prepare:

Assembly tools: utility knife, ten-screwdriver, 2.0 hexagon wrench, foam glue.

Electronic equipment: 9G servo*2, 2205 motor, 40A ESC, 4-channel or above remote controller with mixing control,

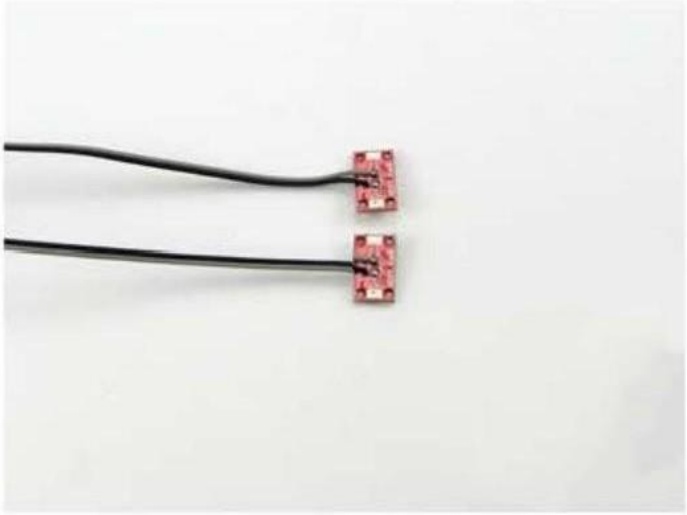
Fuselage Assembly

1. Open Box 1, you can find the upper fuselage and bottom fueslage, then, use the knife to remove the sprue material.

2. Open Box 2 and find the wooden plate, then apply foam glue to the wooden plate and bond to the bottom cover of fuselage.

3. Apply foam glue to the bottom fueslage and bond the upper and bottom fuselage.

4. Find LED light and motor mount from Box 2, then install the light onto the motor mount. (To weld the LED light well, then power it up to test if it works normally.)



5. Install the motor mount by applying a circle of glue around the edge of the mount, 1~2mm from the edge. Also apply some glue on the wider upper edge. Then, install the mount onto the rear of the plane. After the glue has dried, rethread the wires of the led light through.

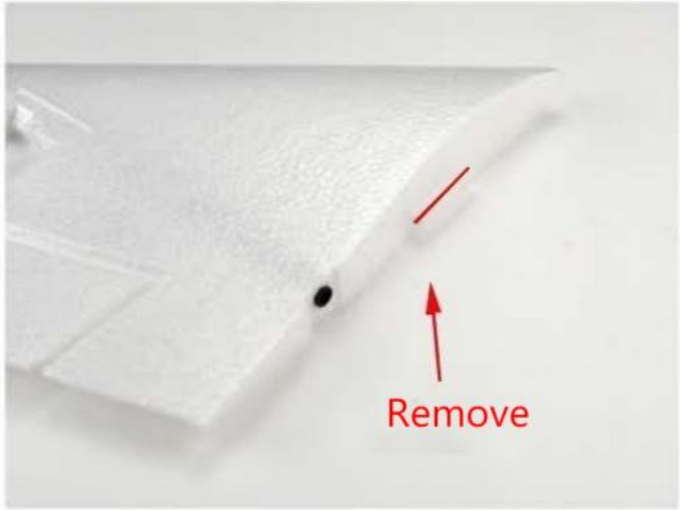
6. Adhere the front and rear ventilation covers. (If you have installed a GPS flight controller, please adhere the front ventilation cover after installing the GPS.)

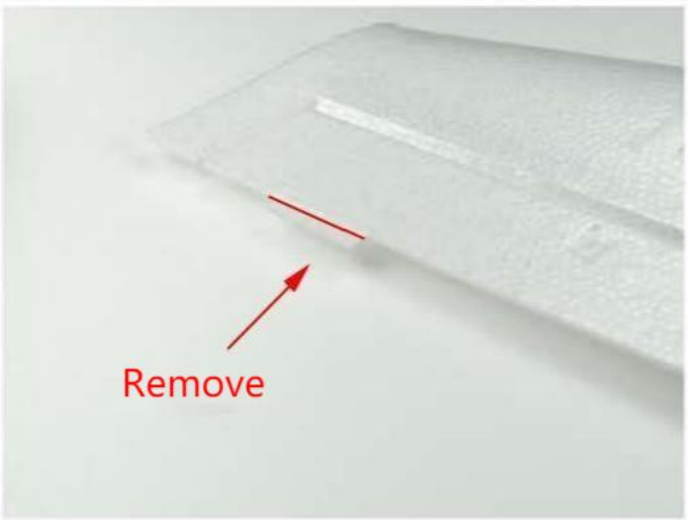
7. Adhere fuselage and the hatch cover. **Note**: please ensure that the corresponding South (S) and North (N) poles are aligned correctly.

8. Install the handle on the hatch cover.

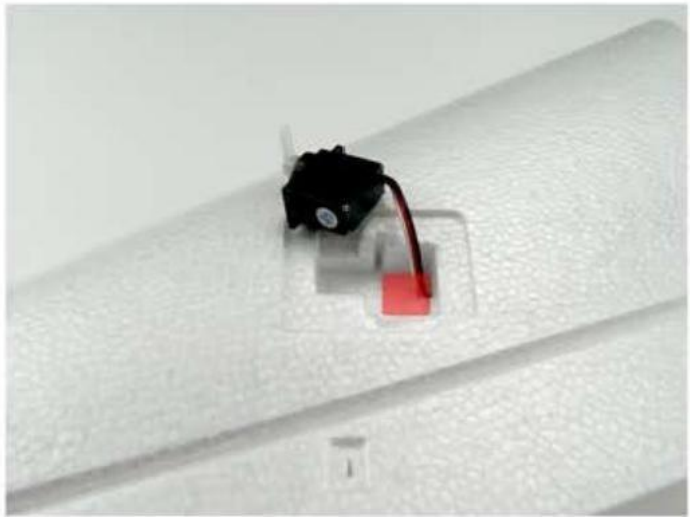
Wing Assembly

1. Open Box 4, you can find the wing foam, then, use the knife to remove the sprue material.

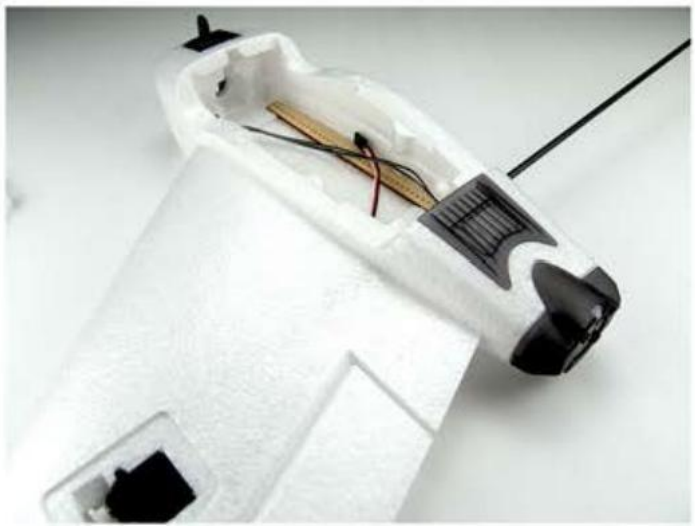




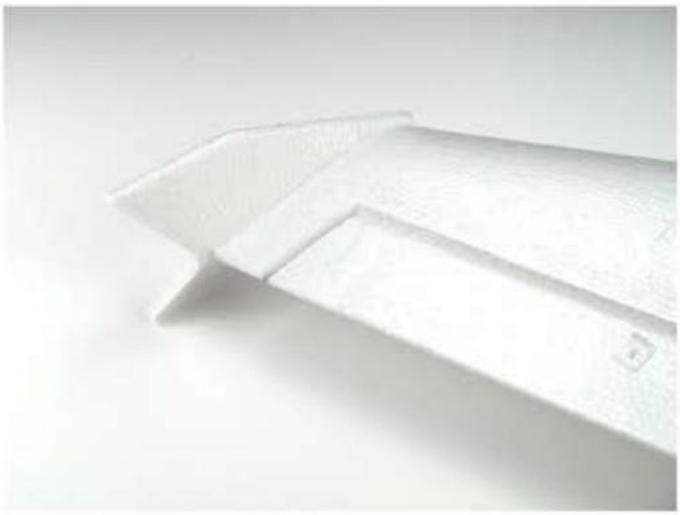
2. Install the servo. Power the servo and find the neutral point, then install servo arm. Apply glue to the mounting position. Secure the servo in place, organize the wires on the back of the wing.



3. Install the wing onto the fuselage. Insert the reinforcement carbon rod, then apply glue to the mounting position, insert the wing, Repeat for the Other Side.

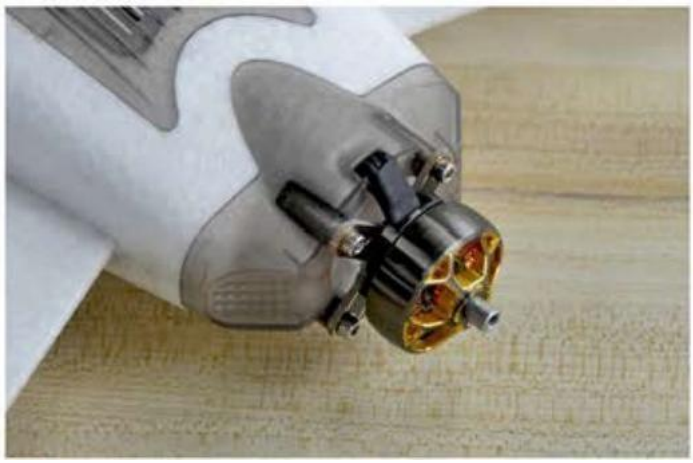


4. Install the front of wing-let. Open Box 3 and find the front of wing-let, apply glue to mounting position and appropriate pressure to let it bond firmly. Repeat for the Other Side. **Note**: the left and right wing-let are different.

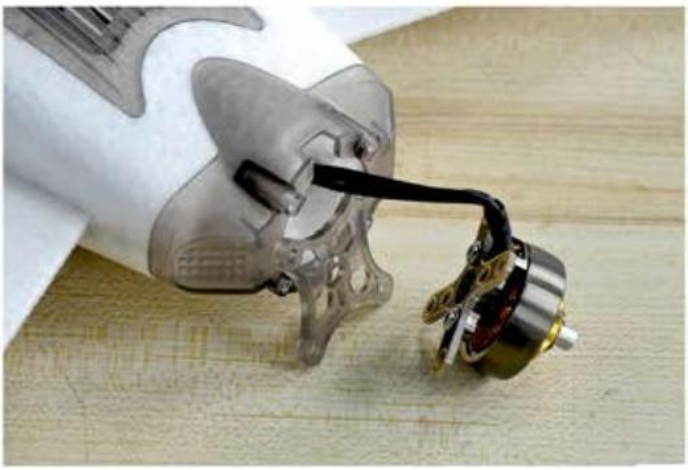


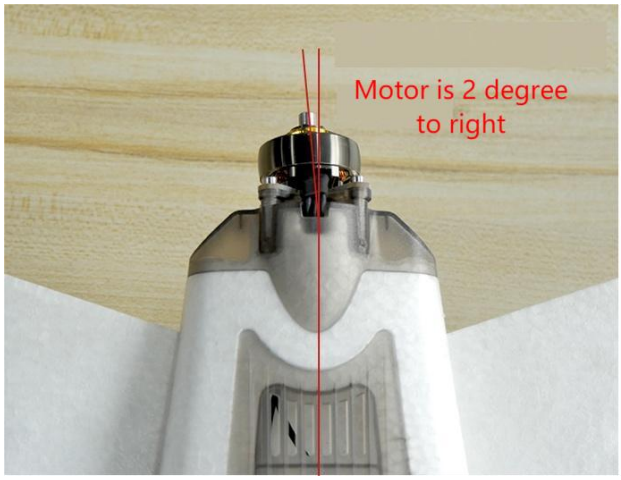
Install Sub-devices

1. Install the motor

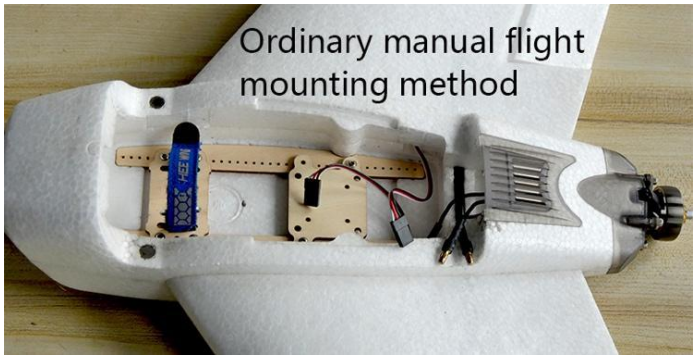


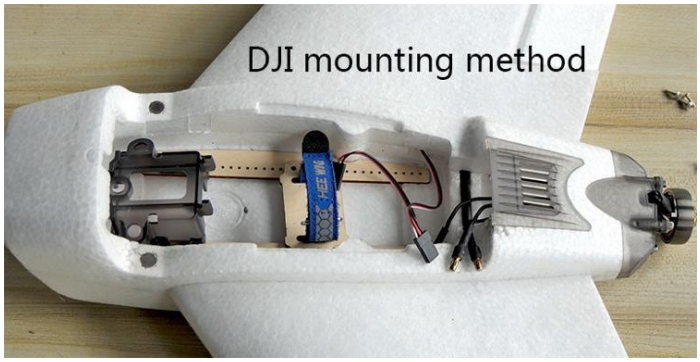
2. Angle motor mount recommend in manual flight.

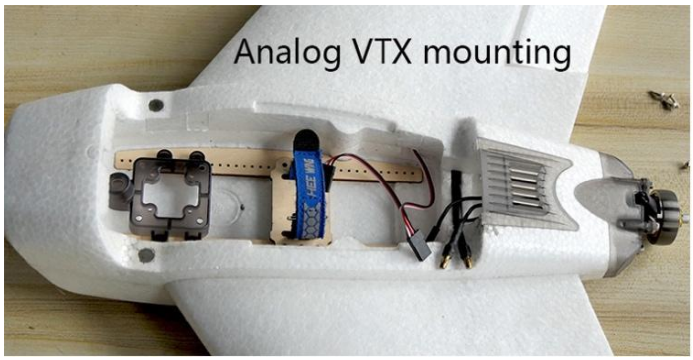


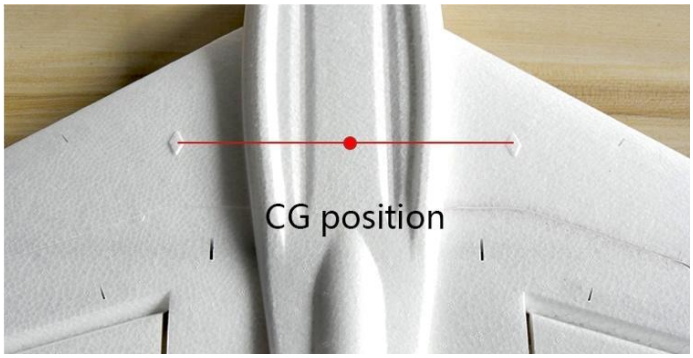


3. Install battery mounting plate/ electronic mounting plate/ VTX mounting base(use 2X8 tapping screw)



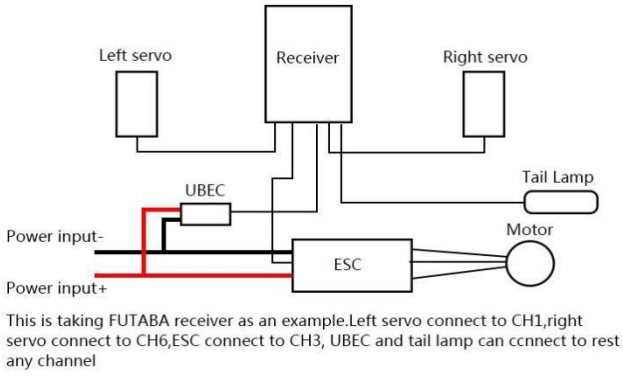




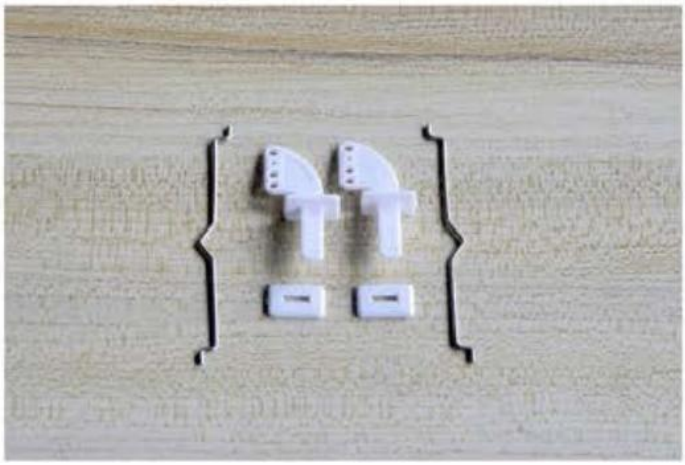


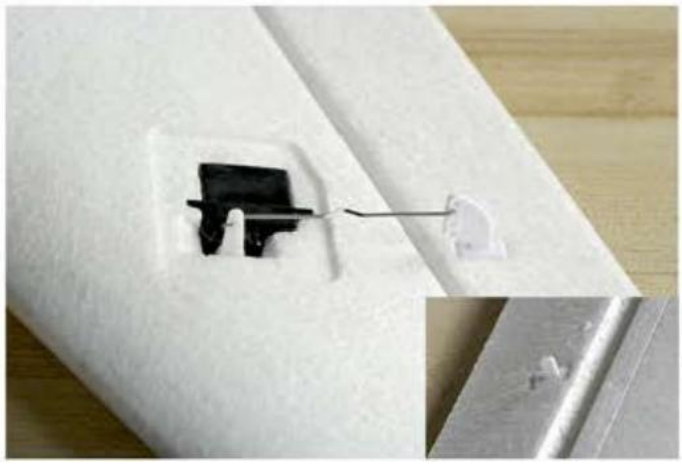
Above all electronic mounting positions are adjustable, you can adjust according to your demand, just need to attention the CG position.

4. Connecting lines.(Take FUTABA receiver as an example)



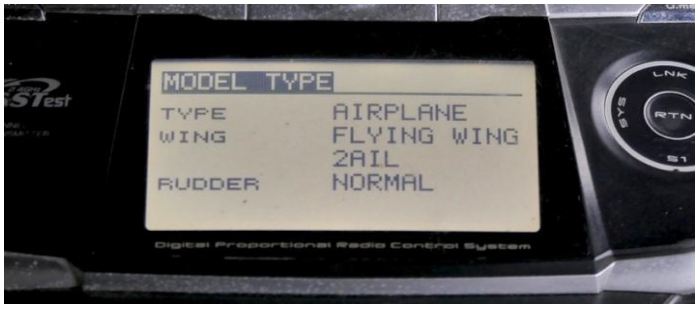
5. Install the servo horn and linkages.

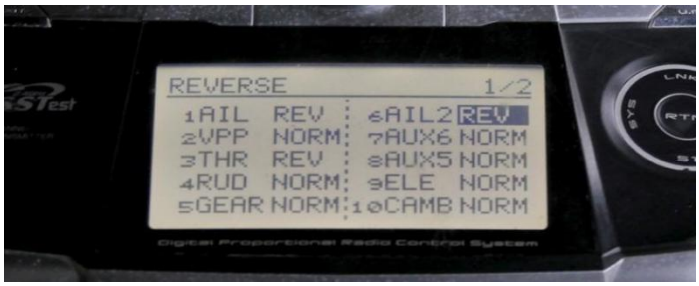


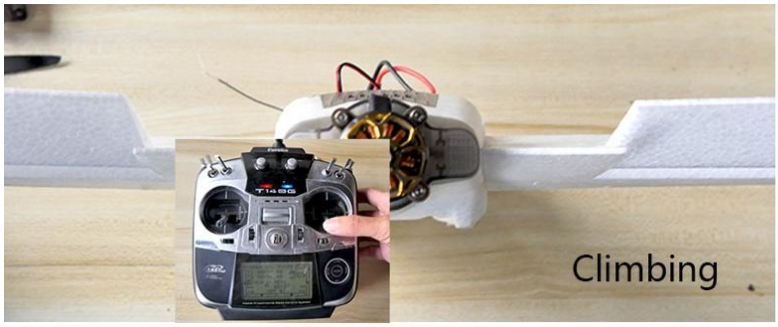


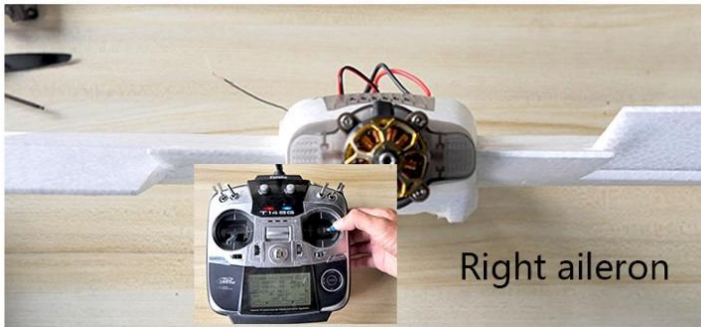
SETUP

1. SETUP the radio control model type to delta wing mode. (If using flight controller, model type set to normal fixed-wing aircraft mode) This setup is taking FUTABA as an example. Set Channel 1/3/6 to REV.









When facing motor, it should clockwise rotation, if not, please change either 2 of connector line.

Based on your power requirements, select a 5 or 6-inch propeller. This product uses a pusher configuration, so install the propeller with the side that has text facing forward.

Product display

Flight test

1. Always respect the rules provided by your local remote control aircraft organization. Choose an appropriate flying site consisting of a large open space to ensure the safety of yourself,others and your model.
2. Before operation, power up the aircraft then check that every movements is smooth and directions and functions are correct.
3. If you are using throw away to take off, please must attention to the propeller, avoid any unnecessary injuries.