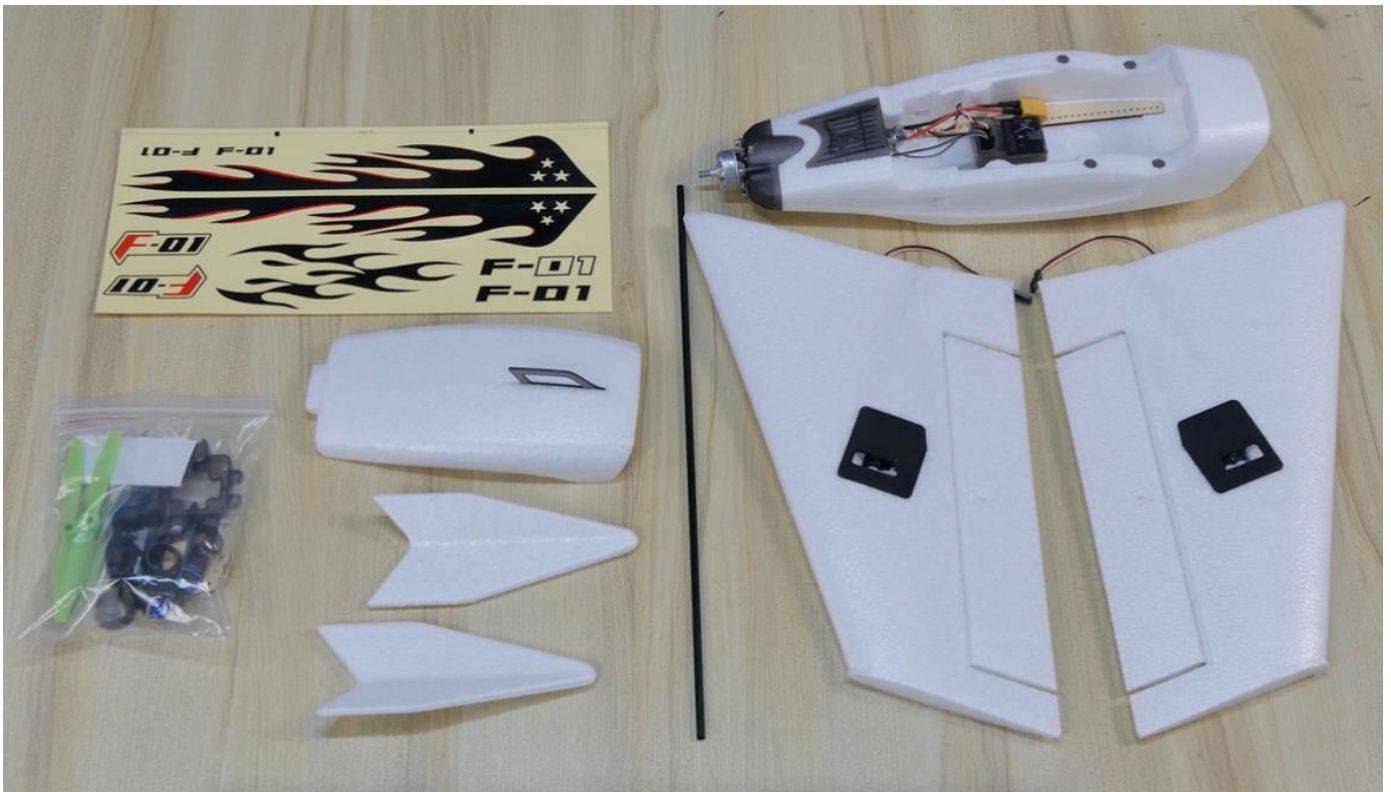


HEE WING F-01Youth edition assembly manual

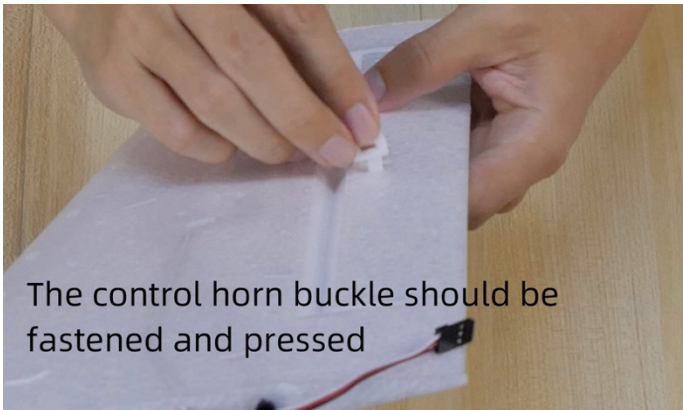
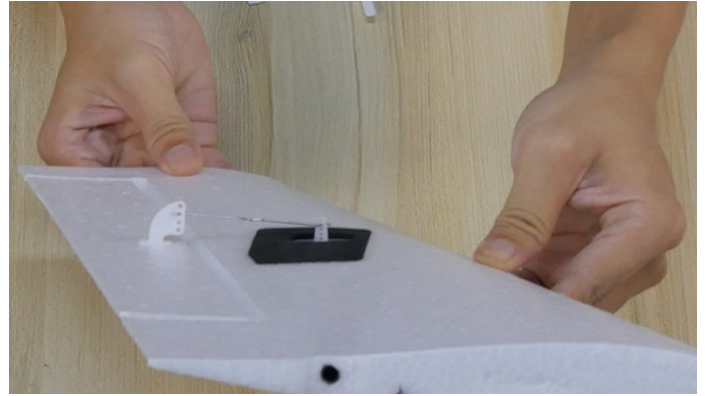
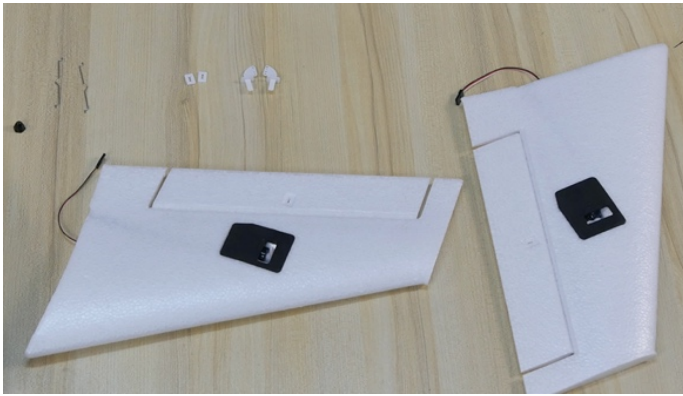
Welcome to choose our company's HEE WING F-01Youth edition delta wing plane ,Please be patient to read the assembly manual and follow the instructions to assemble.Wish you enjoy your flight!

I Unboxing , Check all spare parts. (Need to prepare foam glue and phillips screwdriver separately)

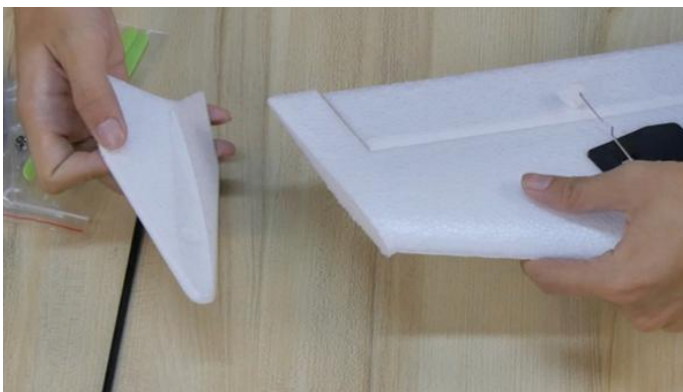


II , Assemble and install

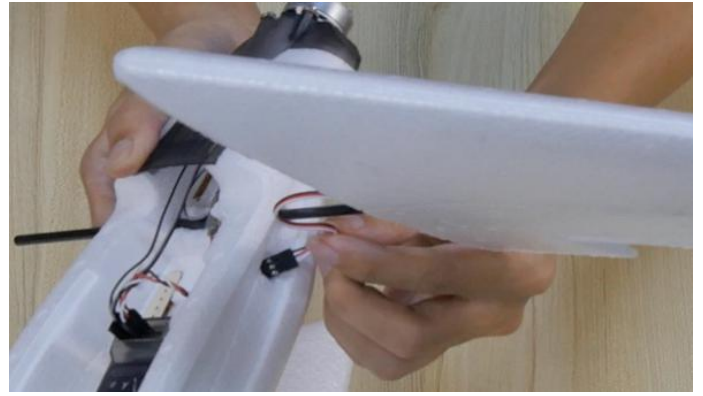
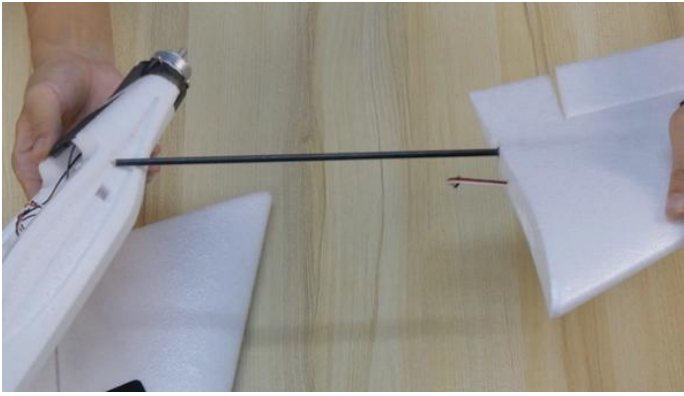
- 1、 Find out the wings ,rudder stock and control horn. Install rudder stock and control horn to the wings.



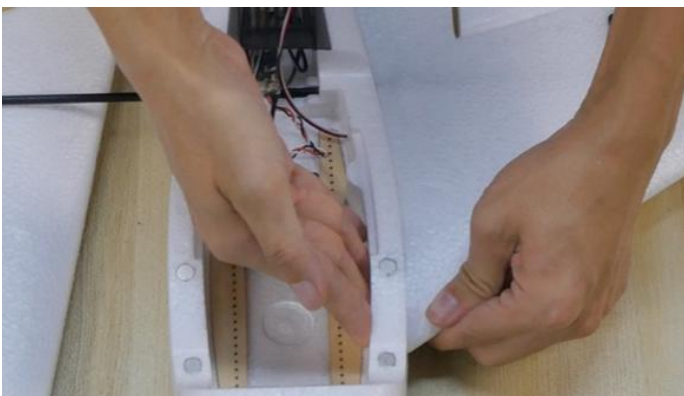
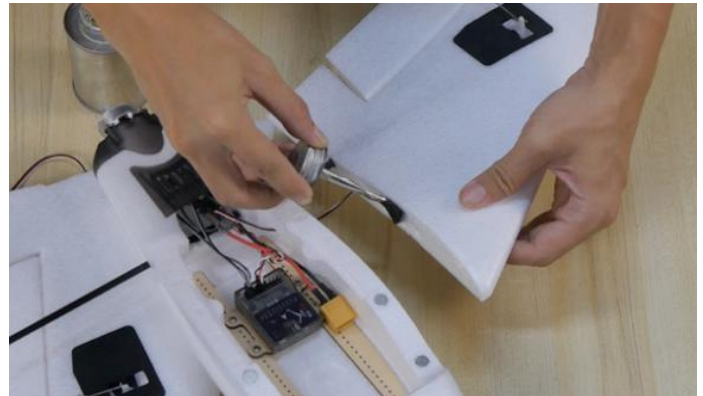
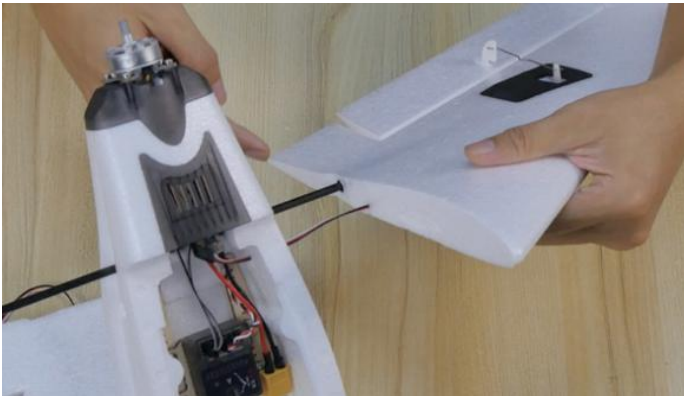
- 2、 Find out the winglets. Fully apply foam glue to the bonding surface. Adjust the bonding position and appropriate pressure to let it bond firmly.



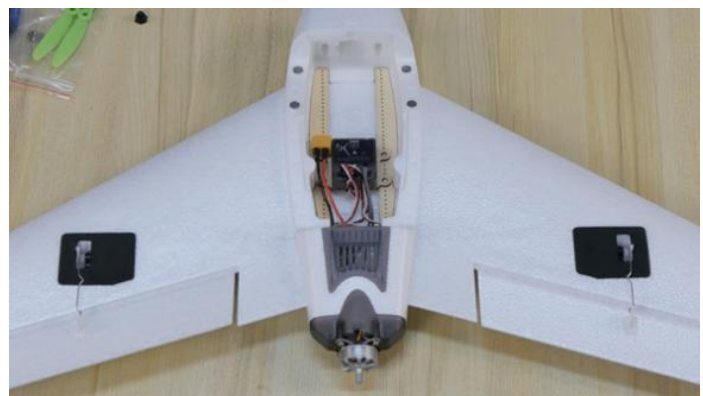
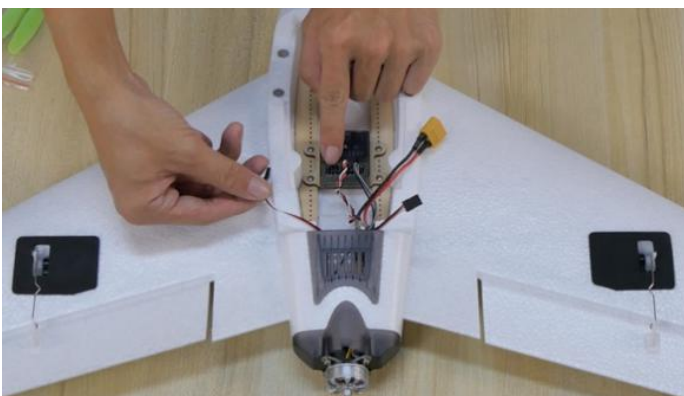
- 3、 Insert the carbon fiber rod into the carbon tube of the wing. Then through the round hole of the fuselage



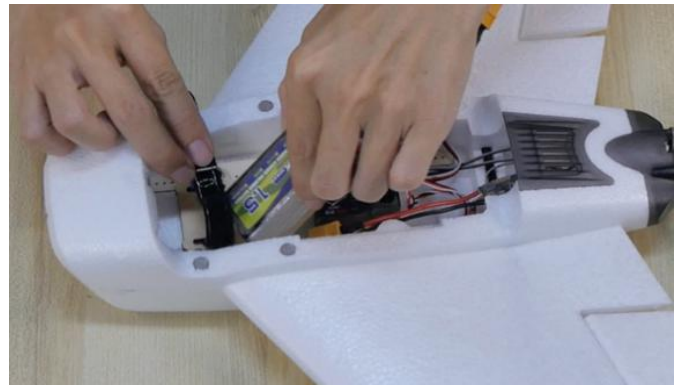
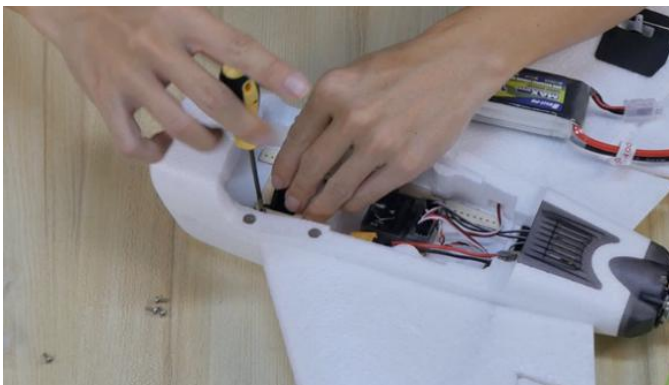
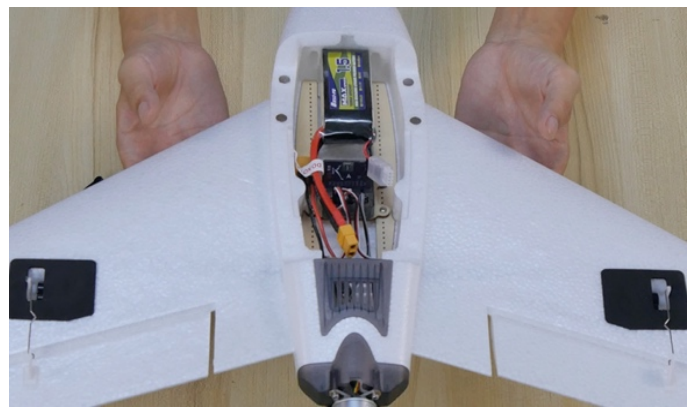
- 4、 The bonding surface of the wing needs to be fully coated with foam glue.Adjust the bonding position and appropriate pressure to let it bond firmly.



- 5、 Connect the servo to RX-1.0 flight controller.Left servo plug into CH1 and right server plug into CH2.

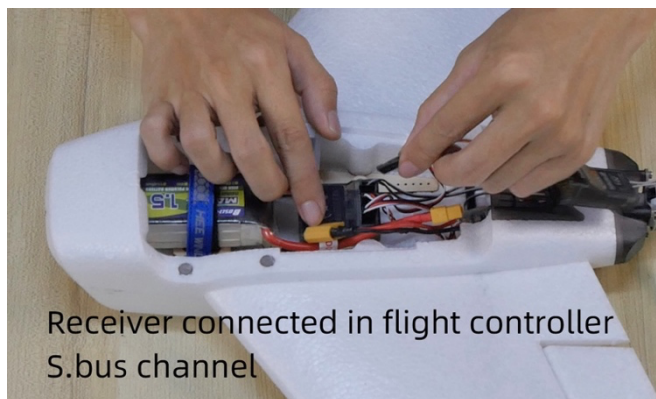


6、 Find the center gravity of the plane.Install the battery fixing plate on the plane. (Fix with M2*8 self-tapping screws)



III . Install the receiver and test.The flight controller only supports S.bus receiver. (This manual takes FUTABA 14SG as an example)

1、 Take out your remote , The remote control and receiver must be pre-binding , Set to normal fixed-wing aircraft mode. (Please refer to the remote control manual) Locate the remote control LNK/FUNCTION menu.Set the 5\6\8 channel as a three-stage switch.To control the throttle lock 、 flight mode and flight sensitivity separately (Please refer to the last attachment description for the function method of 5, 6, and 8 channels) Power on the aircraft and check whether the functions of each channel are normal.



Receiver connected in flight controller
S.bus channel



Right aileron

throttle in left



Left aileron

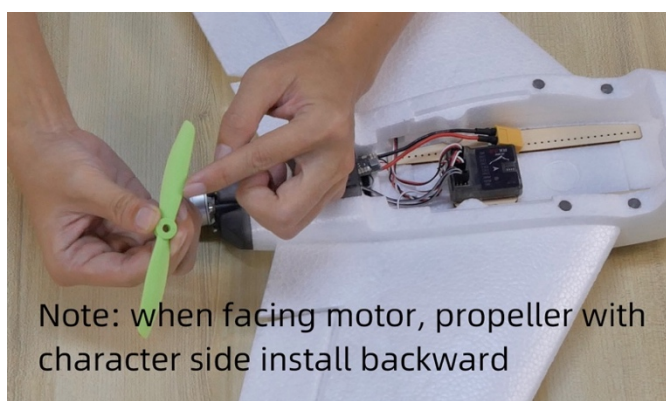


Climbing



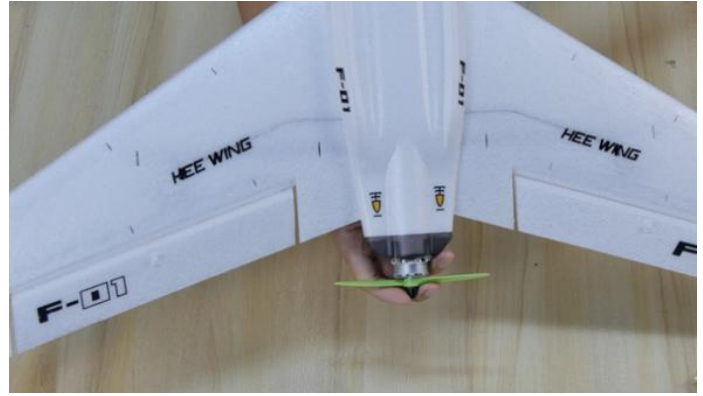
going down

IV . Install the propeller and stick the sticker.



Note: when facing motor, propeller with
character side install backward





V . calibration:

1. Horizontal attitude calibration:do horoscope movement in any mode(No limit inside or outside)Hold for more than five seconds to enter the calibration mode , Start to memorize the current attitude of the aircraft after the servo is reset.Then enter the routine self-check action.After the self-inspection is completed.The posture calibration is completed.
2. The aircraft has been calibrated for throttle range at the factory.This step can be omitted.If you have to do this.Please disconnect the flight controller.Calibration with receiver independently.Throttle stroke calibration: Turn on the remote control first.Unlock the throttle.At the same time, push the throttle stick to the highest position to enter the calibration mode. Power on the plane to do calibration.After calibration.lock the throttle for safety.

VI . 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 mode.
2. Before operation, check that every movements is smooth and directions and functions are correct.
3. If you are using throw away to take off, please must pay attention to stay away from the propeller to avoid unnecessary damage.

Auxiliary function description :

Fifth channel:Throttle lock.

Button switch :Press once to unlock, press again to lock.

Two-position switch:High position lock, low position unlock;

Three gear switch:High position lock, middle position unlock, low position unlock.

In locked mode, the throttle cannot be operated.The gyroscope stops workingThe servo is fully restored to its neutral position.After unlocking, it will automatically enter takeoff assist mode.In this mode, the aircraft automatically maintains the aileron level attitude.The nose was raised 25° and continued to climb.When the lift or aileron joystick operation exceeds 20%, the takeoff assist mode is released.The aircraft resumes its current flight mode.No channel input is unlocked by default.

Sixth channel:Flight mode.

Button switch :Press once to switch mode.

When using the two-position switch, it is divided into: self-stabilization mode/ special effects mode

When using the three-position switch, it is divided into: self-stabilization mode/ special effects mode/ special effects mode.

In the auto-stabilization mode, when the remote controller is not controlled, the aircraft will automatically stabilize the flight according to the attitude and level attitude.The maximum tilt angle of the aileron is 60°.The maximum pitch angle is 35°;In acrobatics mode, there is no limit to the aileron and lift angle.When the remote controller is not in operation, the aircraft will only maintain the current attitude and will not automatically restore the horizontal attitude.No channel input defaults to auto-stabilization mode.

Eighth channel:Sensitivity switch.

Button switch :Press once to switch the sensitivity(High sensitivity; low sensitivity)

Two-position switch:High position is low sensitivity, low position is high sensitivity

Three gear switch:The high position is low sensitivity, the middle position is medium sensitivity, and the low position is high sensitivity.

Sensitivity of lift and aileron change on proportional relationship.No channel input defaults to medium sensitivity.