

## Mustang P-51 High-wing airplane Assembly Guide

Thanks for buying Hunter P-51 airplane, please read this guide carefully to understand correctly the assembly procedure before assembling, wish you have a fun fly!



Product Name: Mustang P-51 High-wing airplane

Dimension: L390mm/H100mm/Wingspan540mm

Motor: Brushless 1104 / 4500KV

ESC: FX-12A

Battery: 220MAH 7.4V Lipo (NOT Included)

Servo: 4.3g x 2

Propeller: 75mm

Weight(KIT): ≈65g

Weight(take-off): ≈80g

Package size: 370mm x 210mm x 60mm (KIT/PNP)

500mm x 210mm x 70mm (ARF)



Feature:

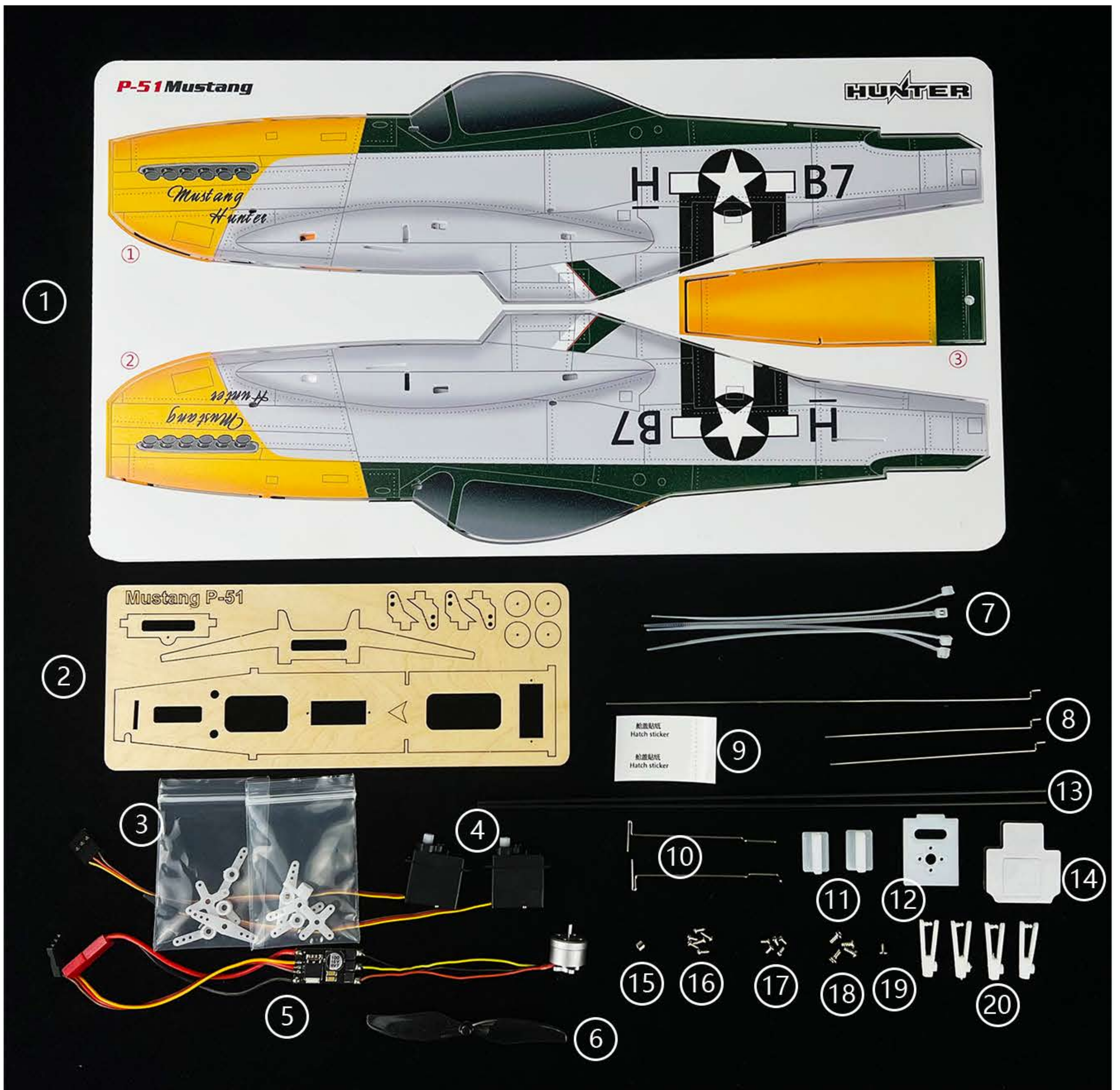
This products are producing by MPP magic board, UV print and laser cutting. With gorgeous workmanship and exquisite appearance, this incredible creative RC plane machine is made of lightweight and super durable material, tough and high strength. We set PNP version, which is very suitable for the DIY of airplane model enthusiasts. Electronic combo comes with brushless motor and esc, providing powerful performance. ARF version comes with flight controller which can self-stabilize flight control, Stable output to excellent performance.

### 一、 Tools Required

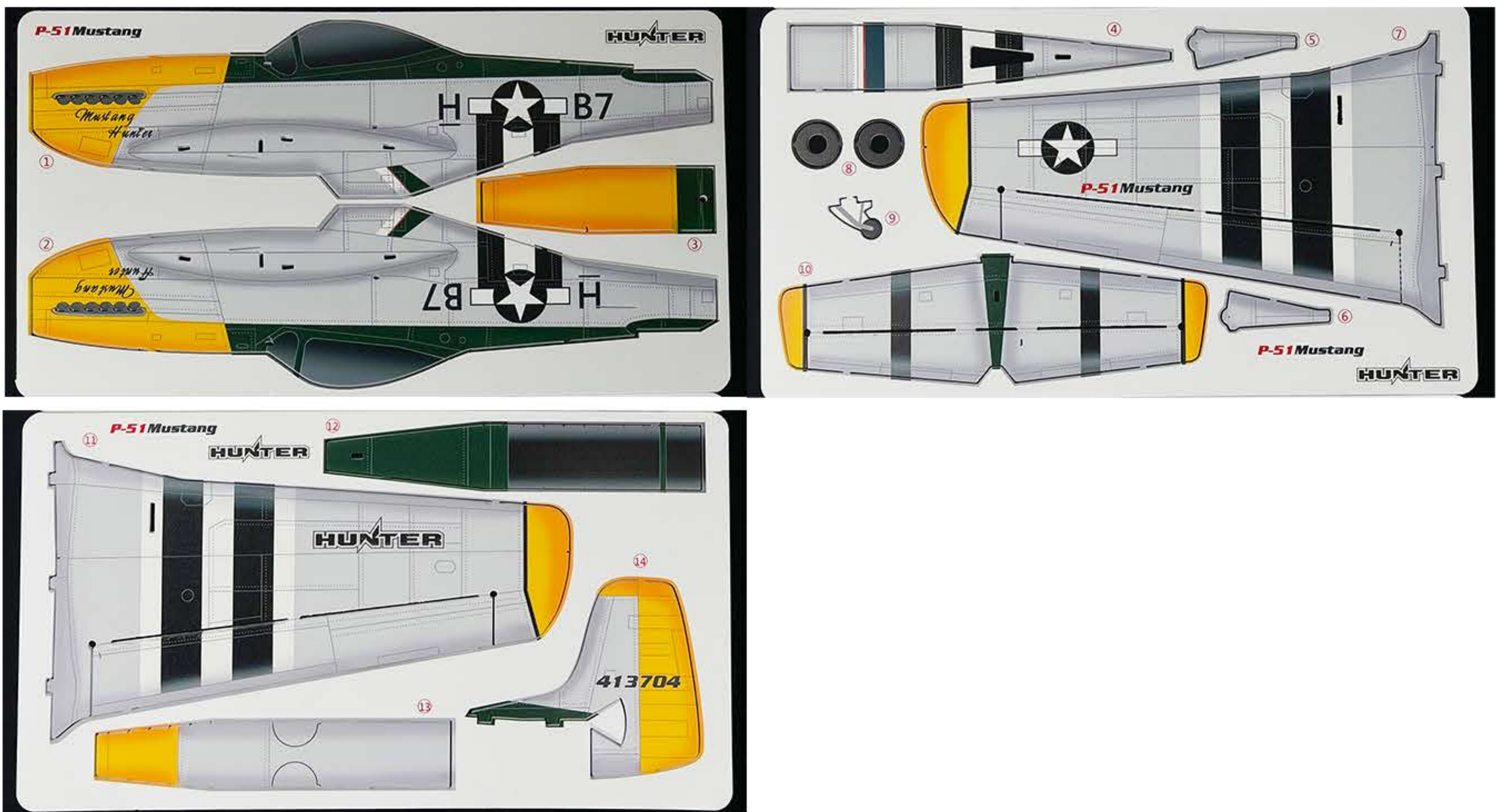
Sharp hobby Knife ( Children under 12 years must be assisted by adult), clean towel or Non-woven Fabric( to wipe excessive glue), Phillips Screw driver, Foam glue and 502 cyanoacrylate adhesive.

### 二、 Assembly

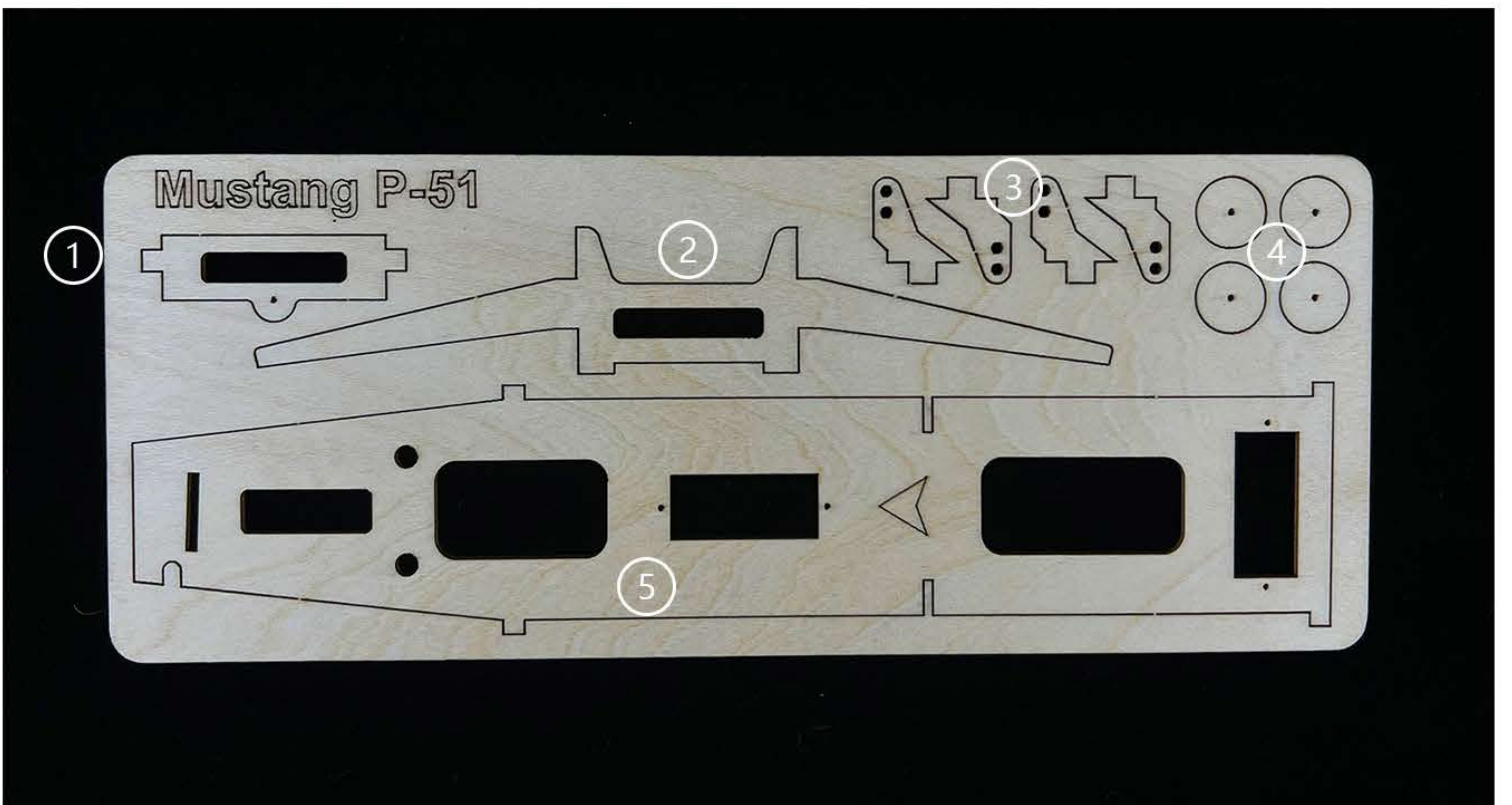
#### 1.Packing list(As below shown) Accessories



- 1.PP board
- 2.Wooden board
- 3.Servo arms
- 4.Servos
5. Motor and ESC
- 6.Propeller
- 7.Nylon ties
- 8.Linkages
- 9.Hatch decal
- 10.Landing gear
- 11.Landing gear mount
- 12.Motor mount
- 13.Wing strengthen CF rod
- 14.Double-side tape
- 15.Magnet
- 16.1.4\*4 servo mount screws
- 17.1.4\*3 motor mount screws
- 18.Nylon chuck screws
- 19.Hatch screws
- 20.Nylon chuck



1. Left frame 2.Right frame 3.Hatch cover 4. Tail bottom plate 5.Left landing cover  
 6.Right landing cover 7.Left wing 8.Wheels 9.Rear landing gear 10.Horizontal tail  
 11.Right wing 12.Body upper plate 13.Nose bottom plate 14.Vertical tail



- 1.Hatch mounting base 2.Wings mounting base 3.Servo horn 4.Axle  
 5.Body electronics mounting plate

# ARF/RTF including TX and RX



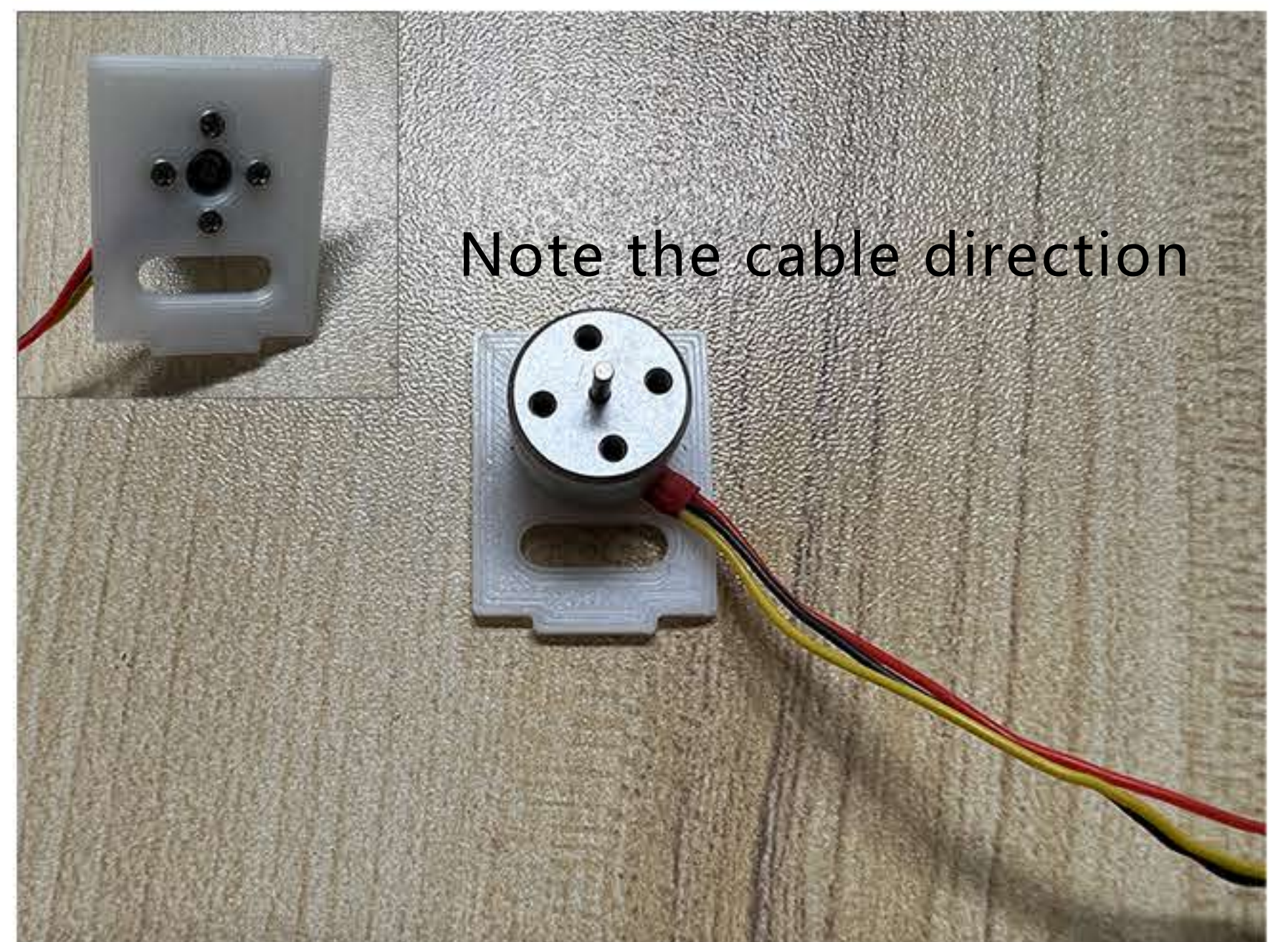
X6 transmitter



RX-1.0 receiver with FC

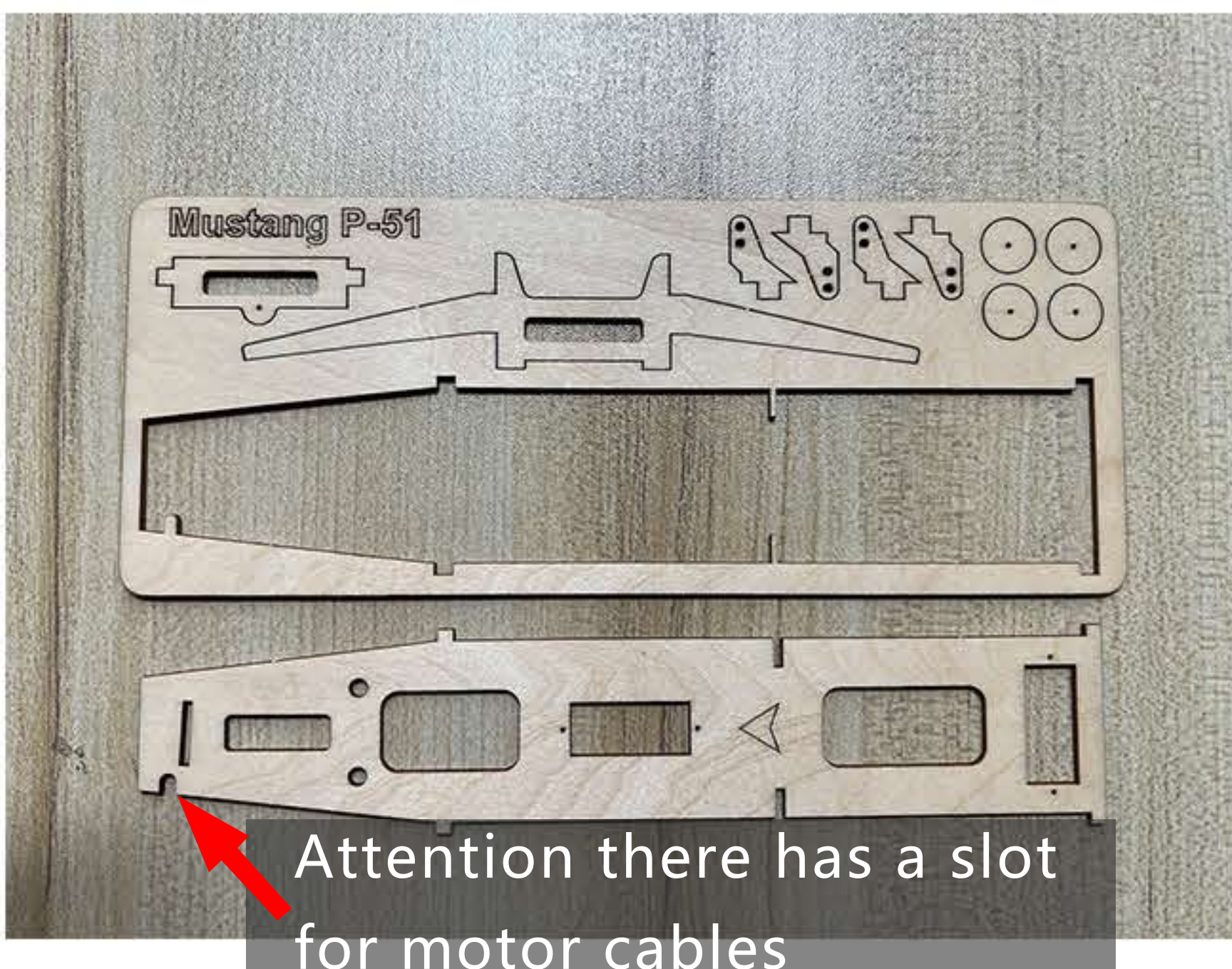
## 2. Fuselage inner electronics assembly

Install the motor mount (Use 1.4\*3 Machine Screw)

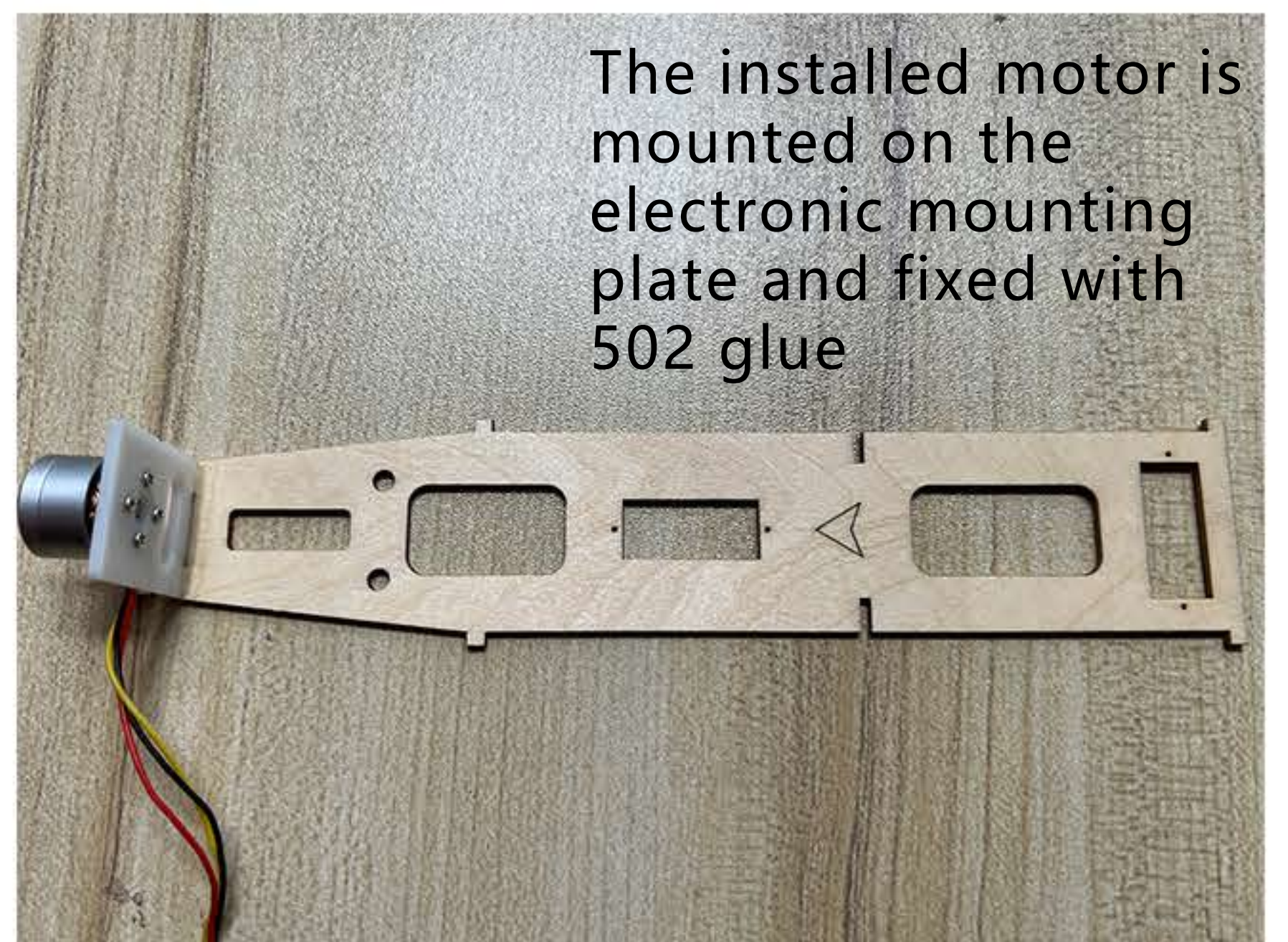


Note the cable direction

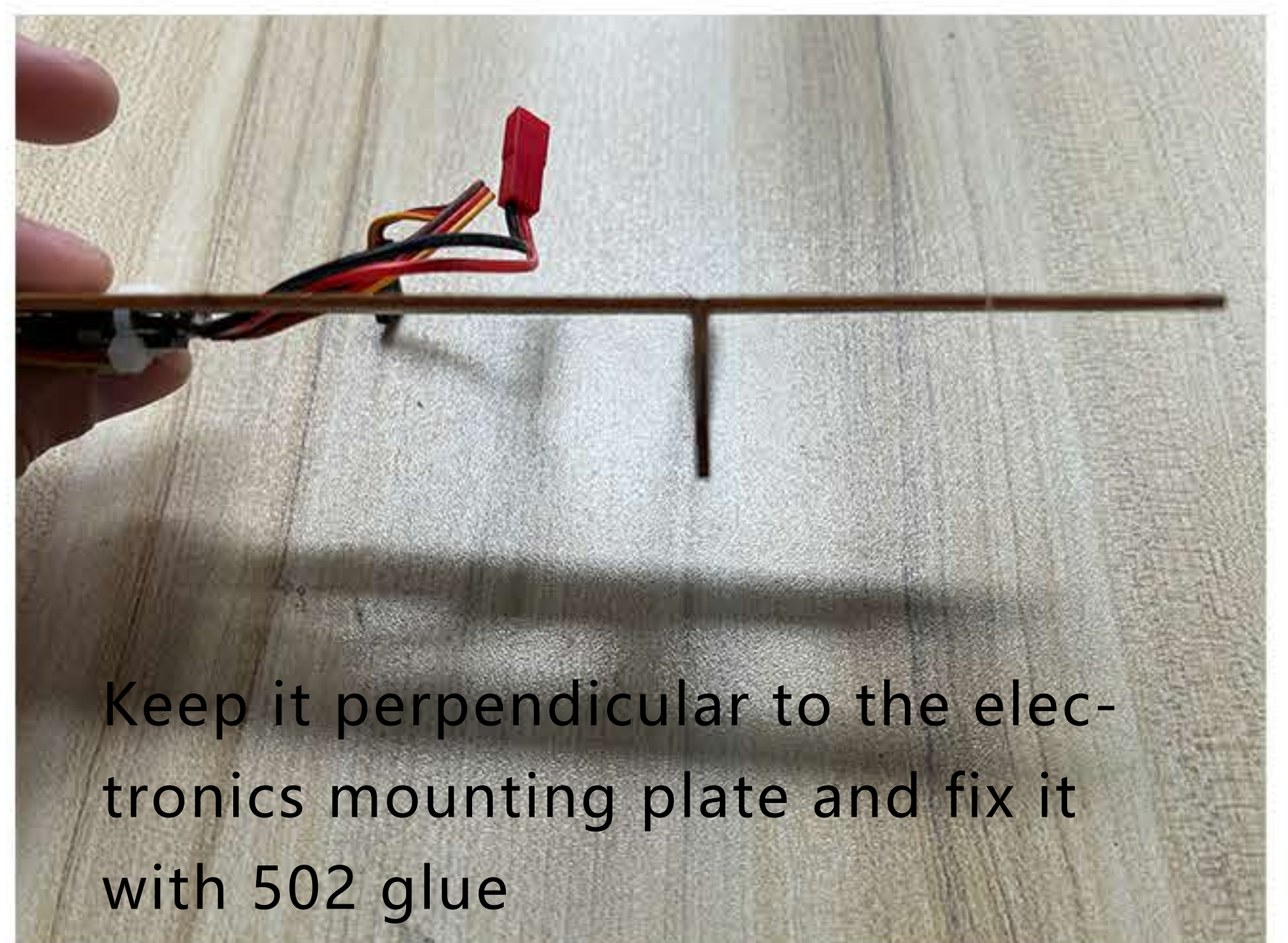
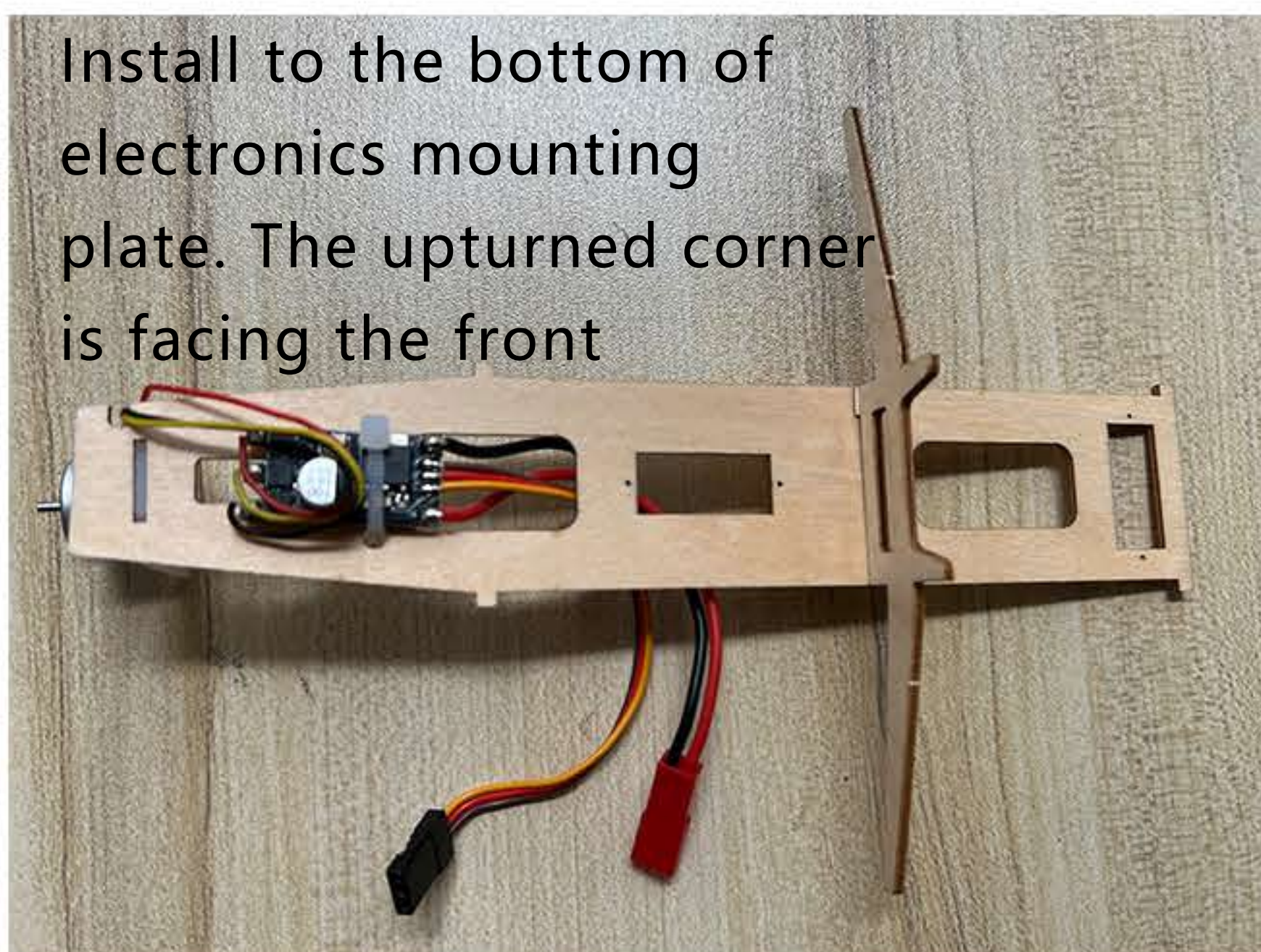
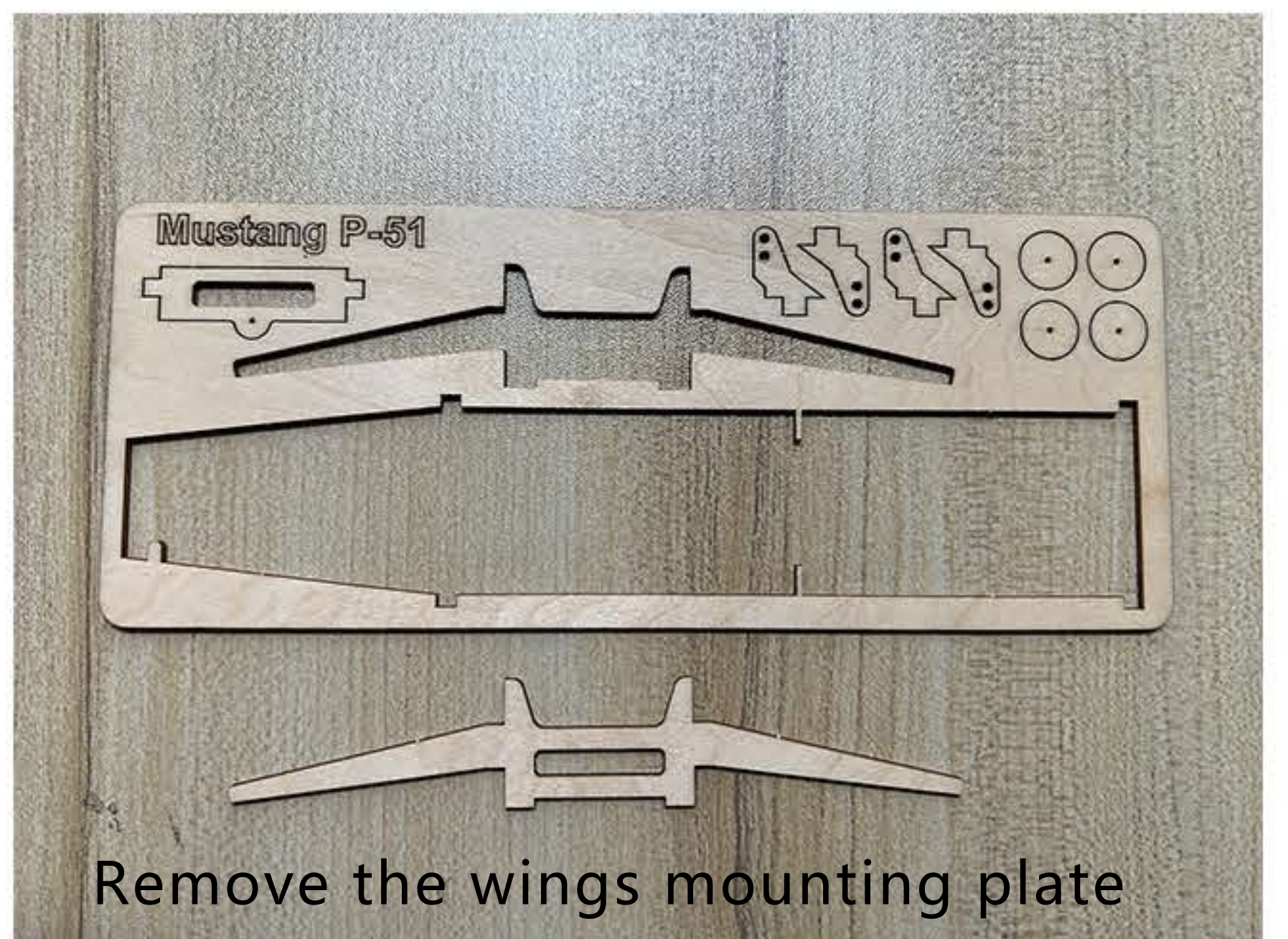
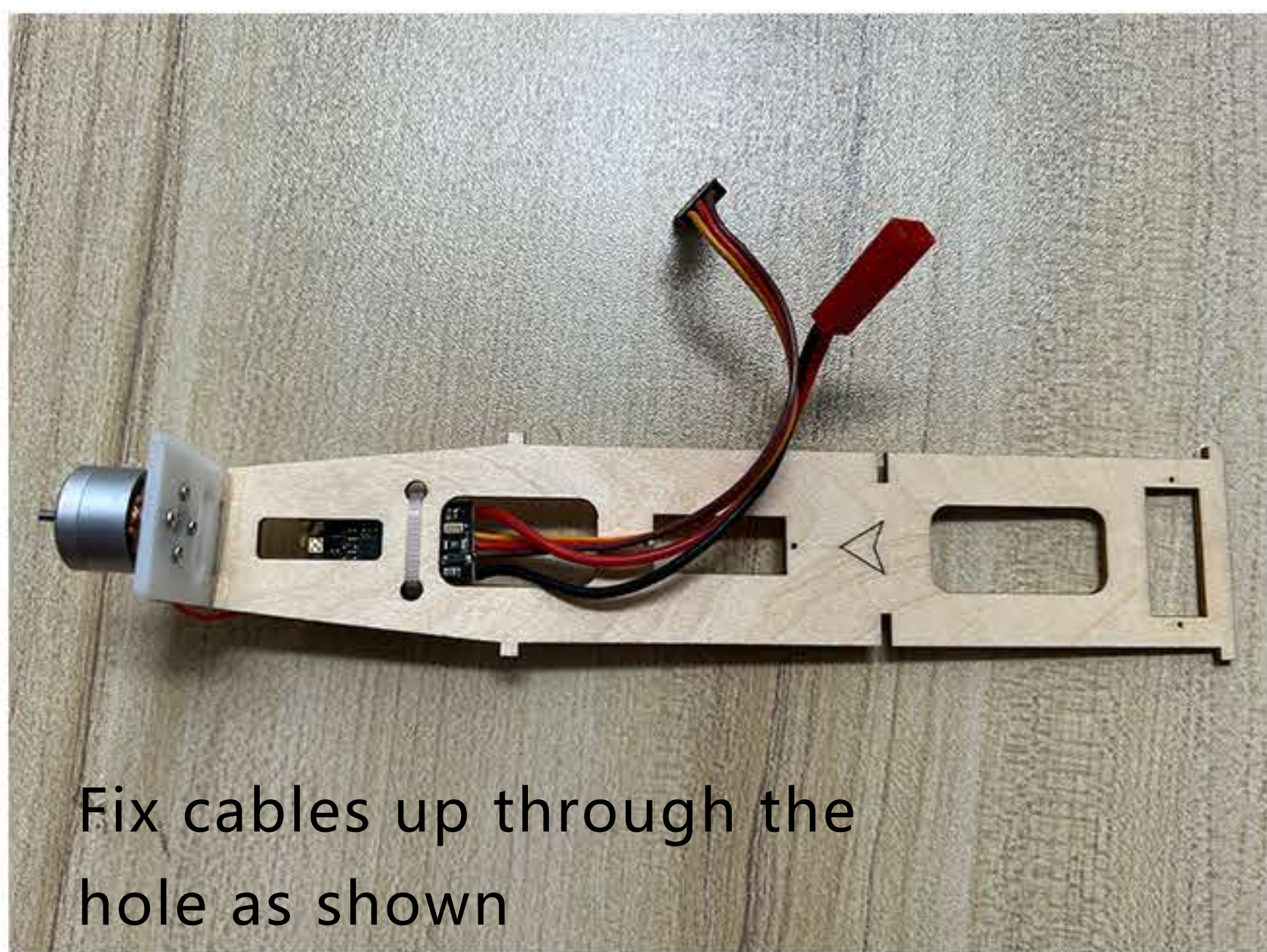
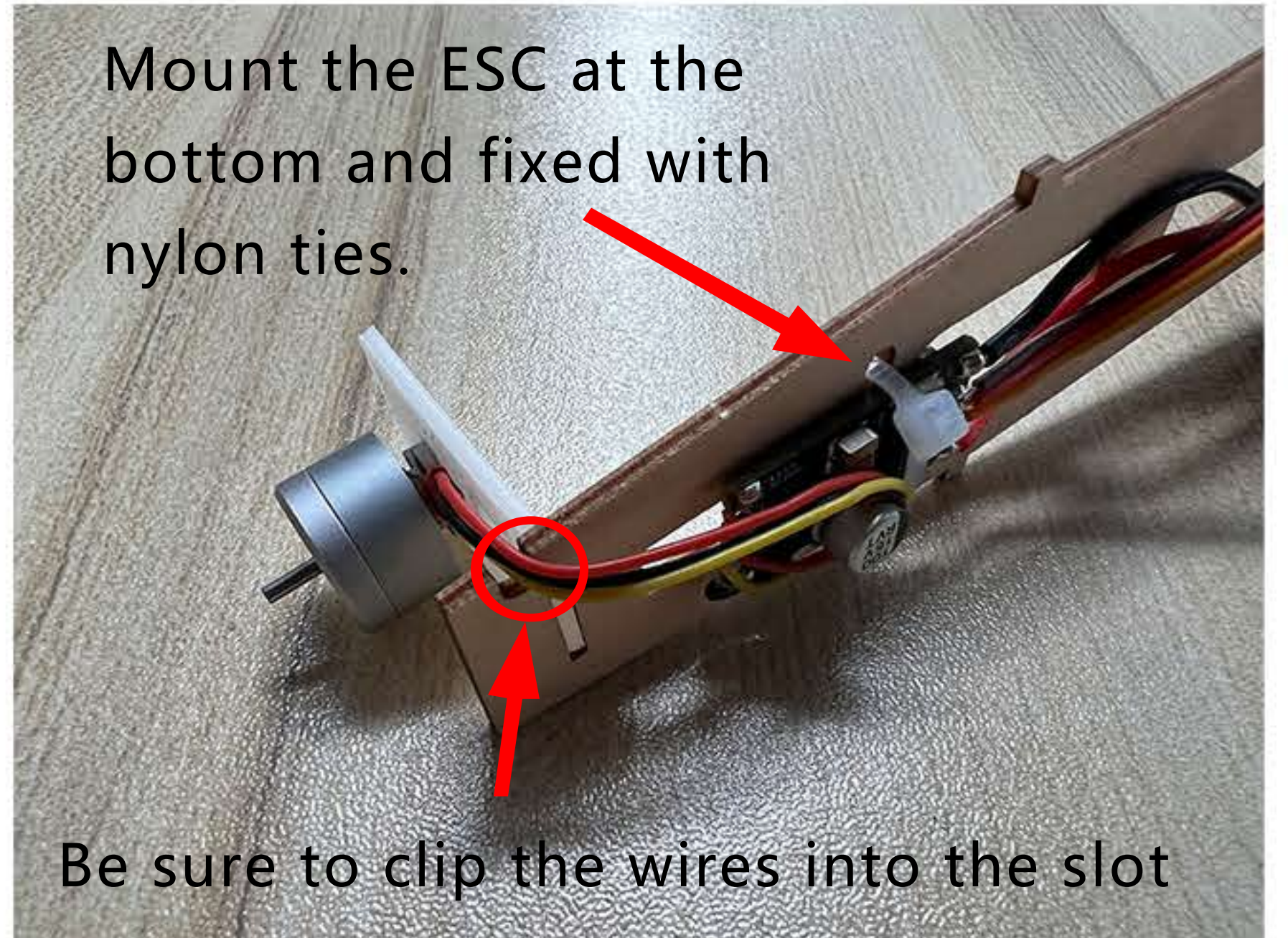
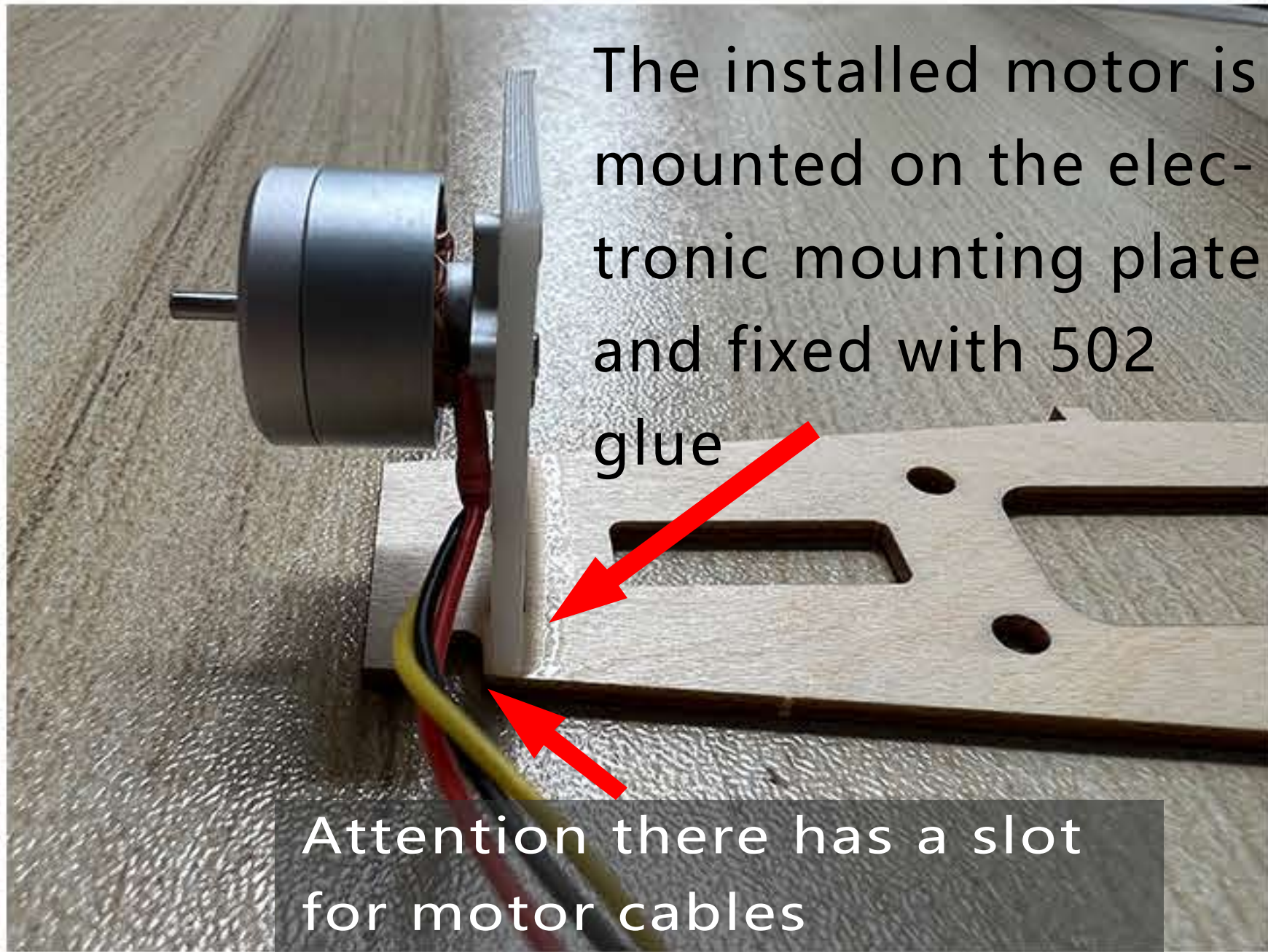
Install the body electronics mounting plate



Attention there has a slot for motor cables

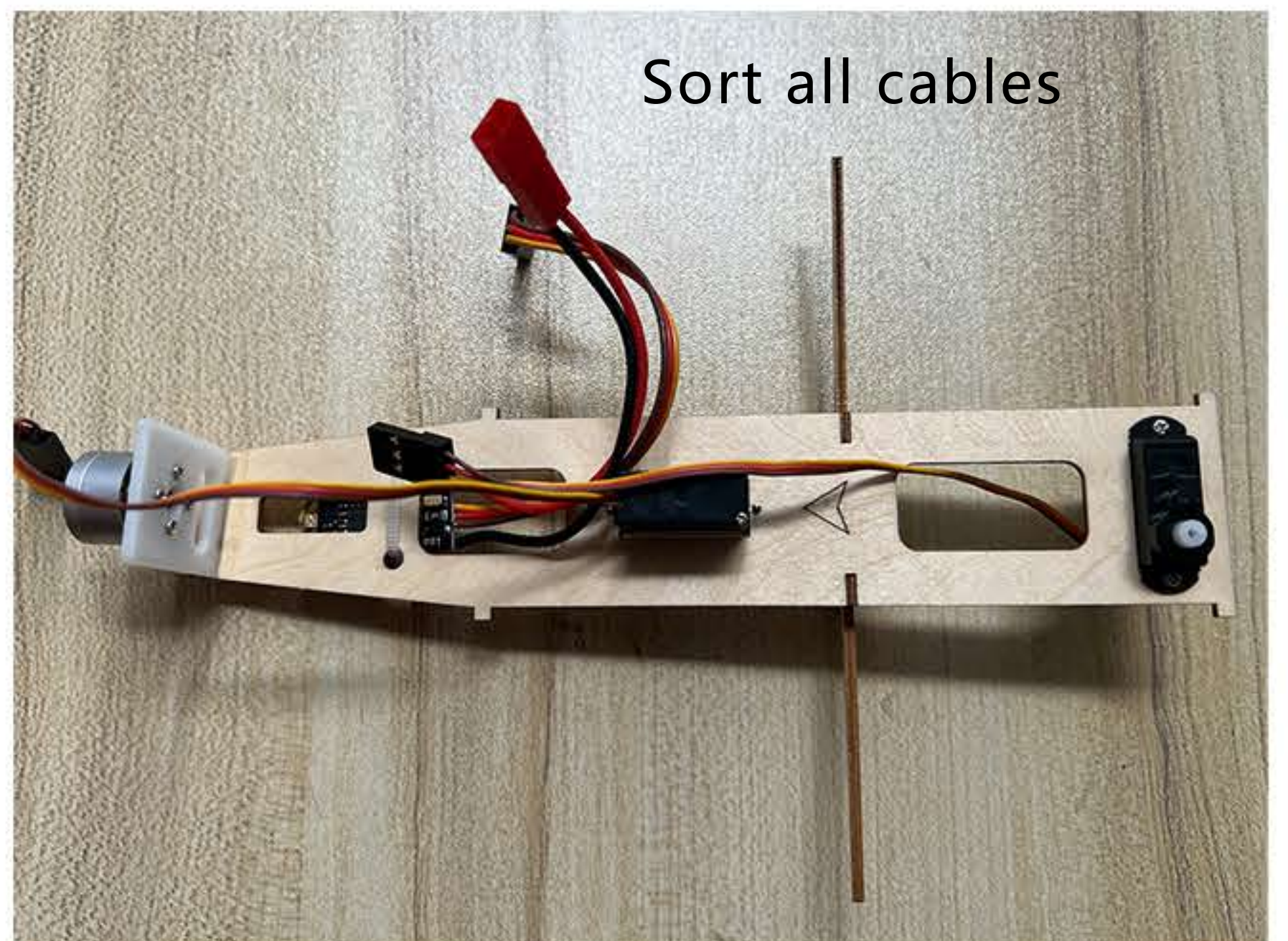
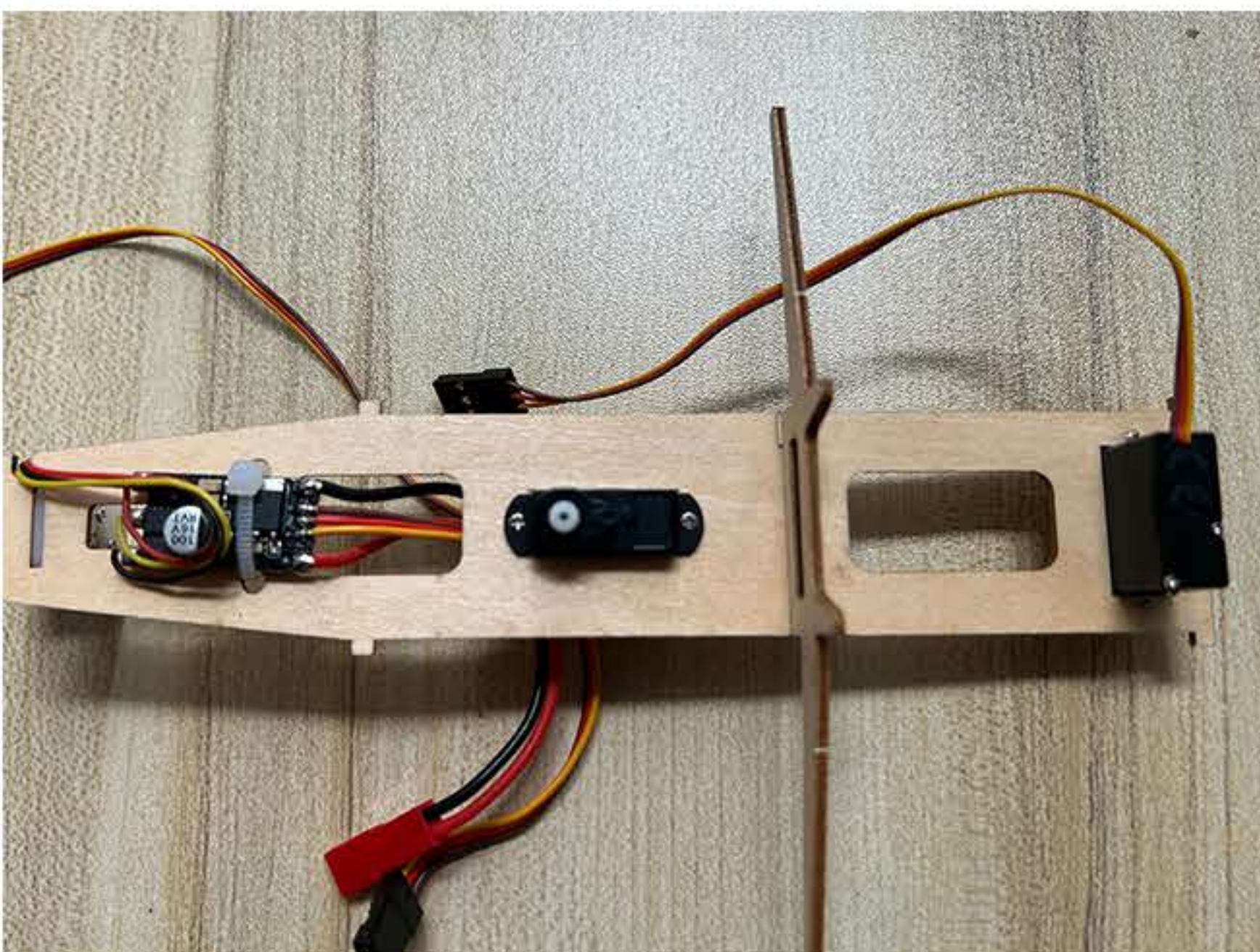
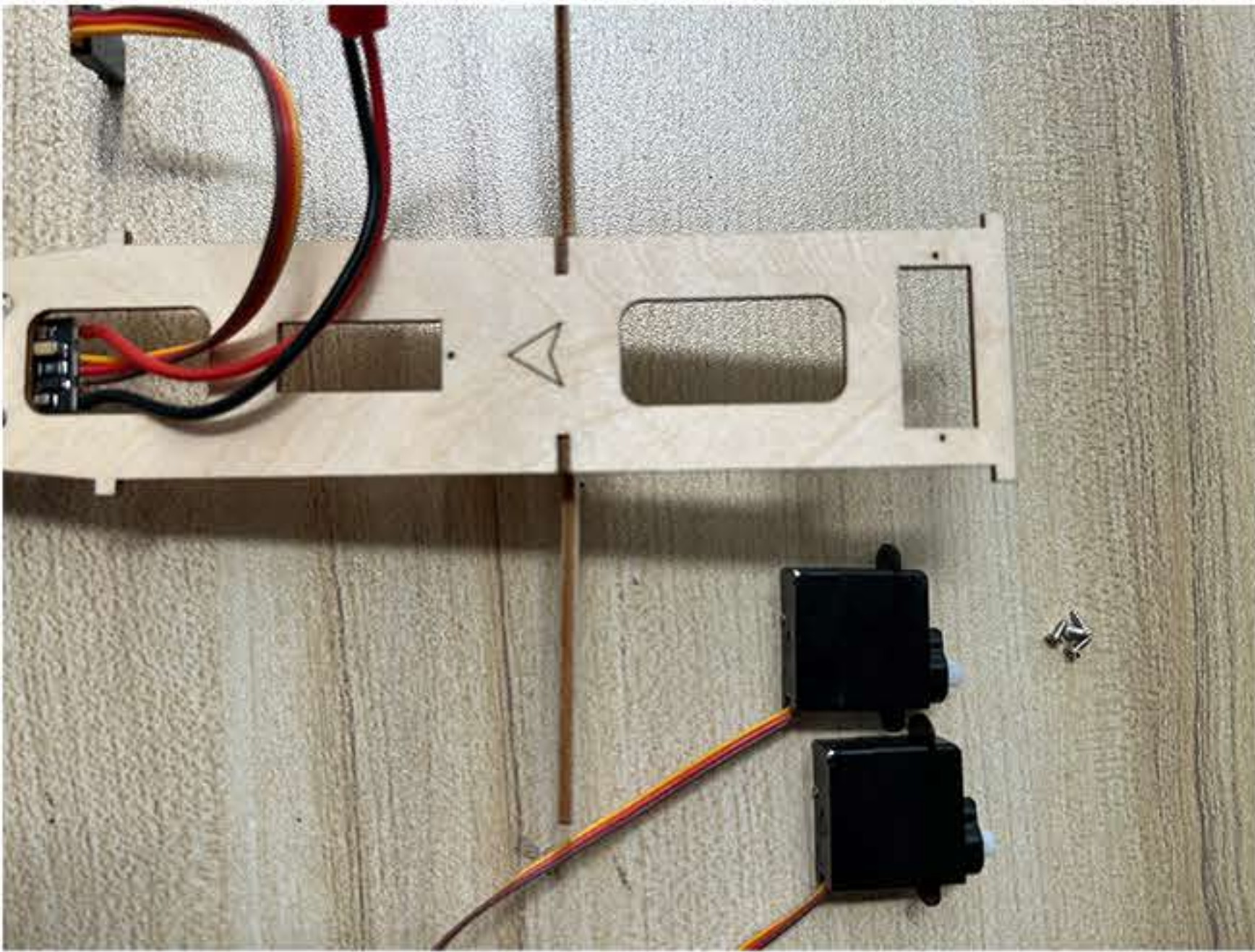


The installed motor is mounted on the electronic mounting plate and fixed with 502 glue

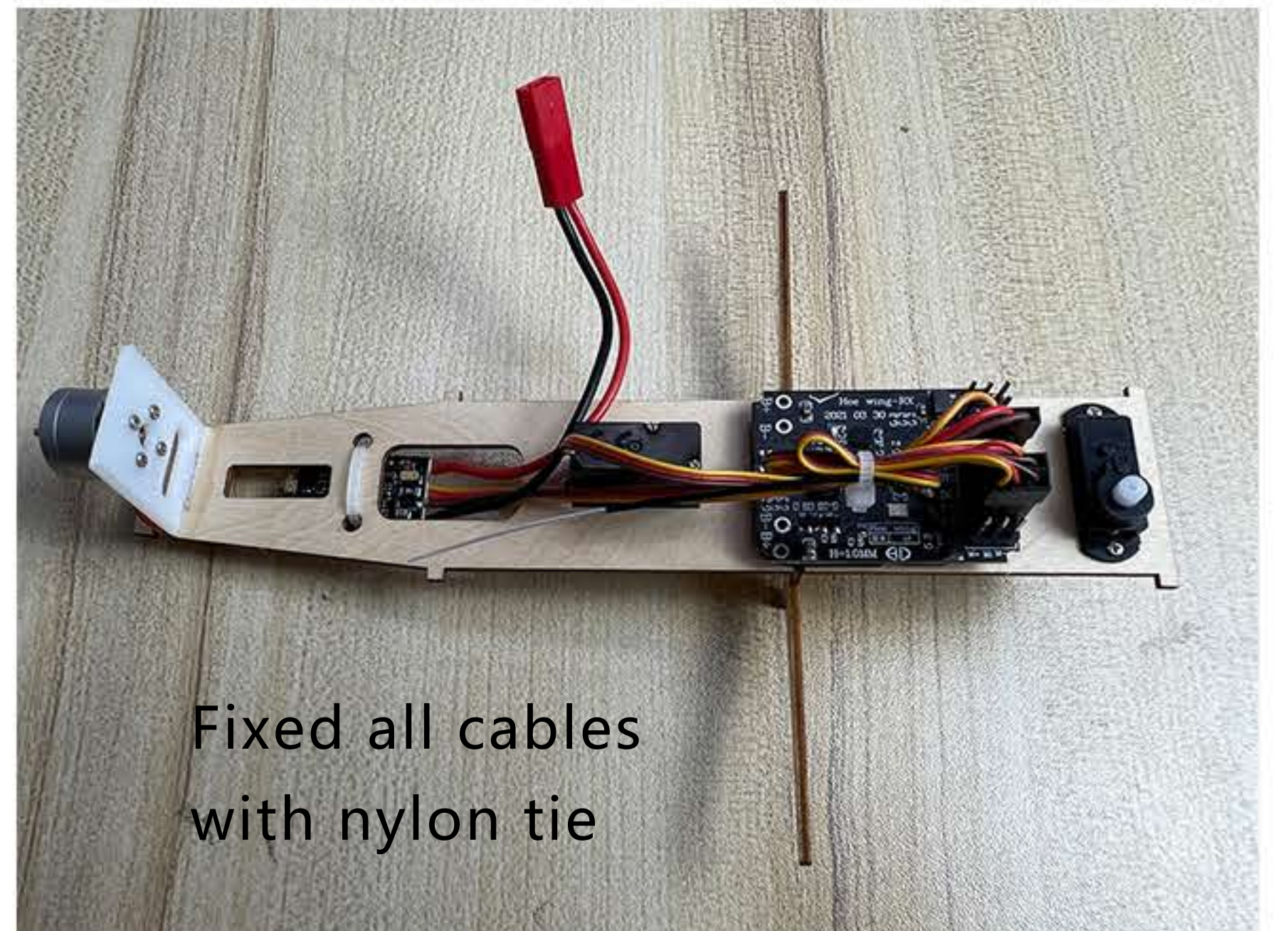
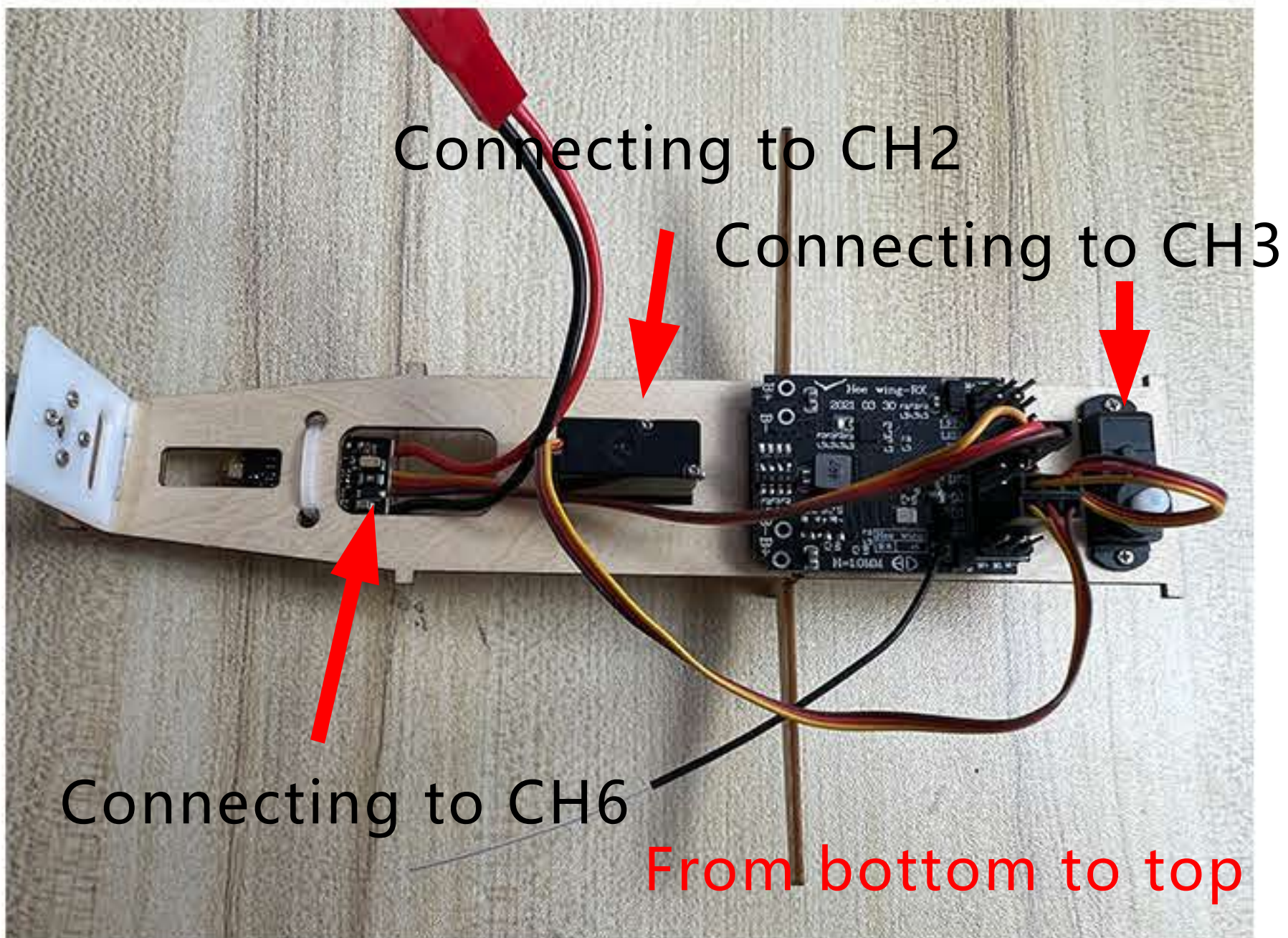
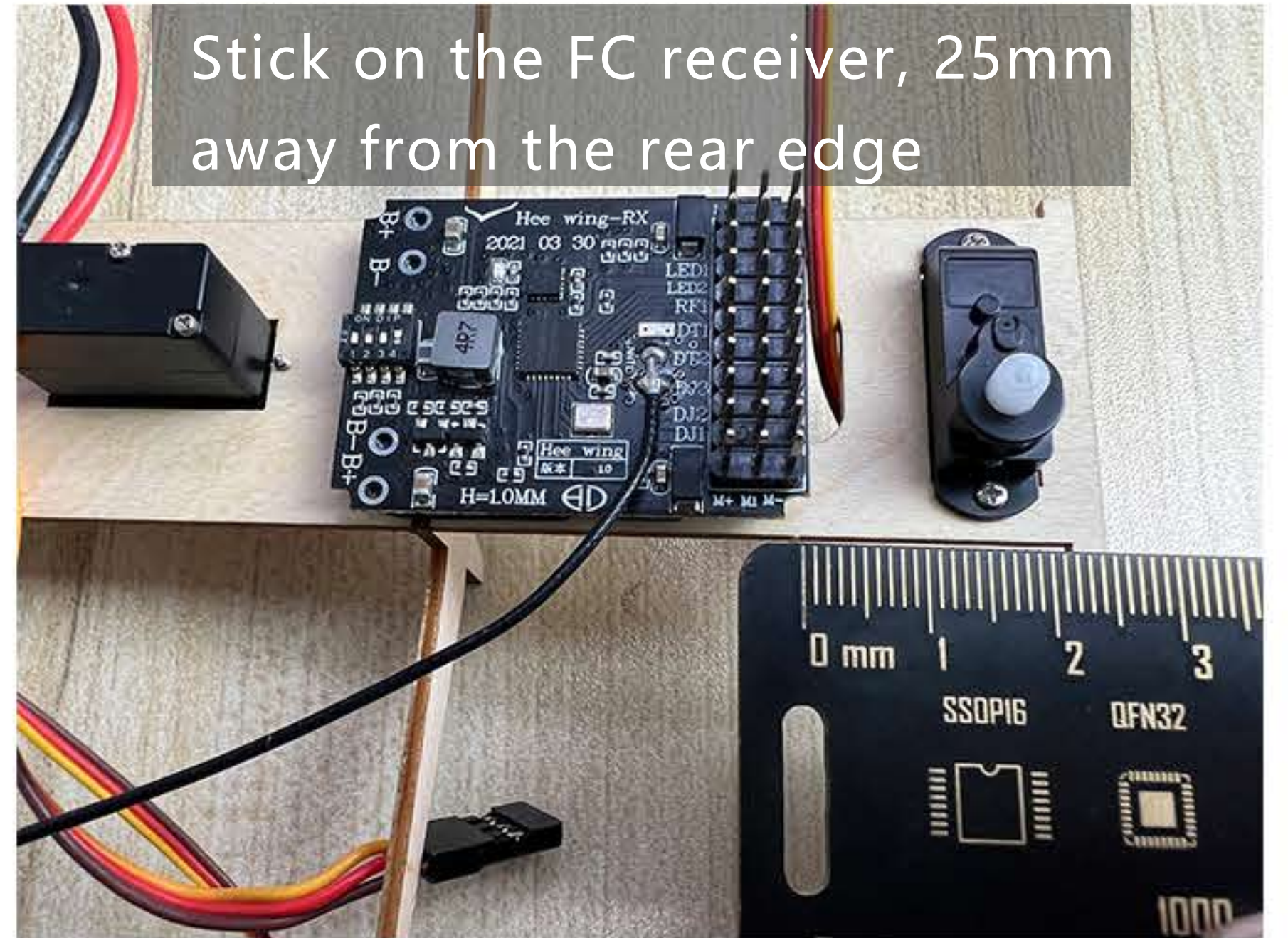
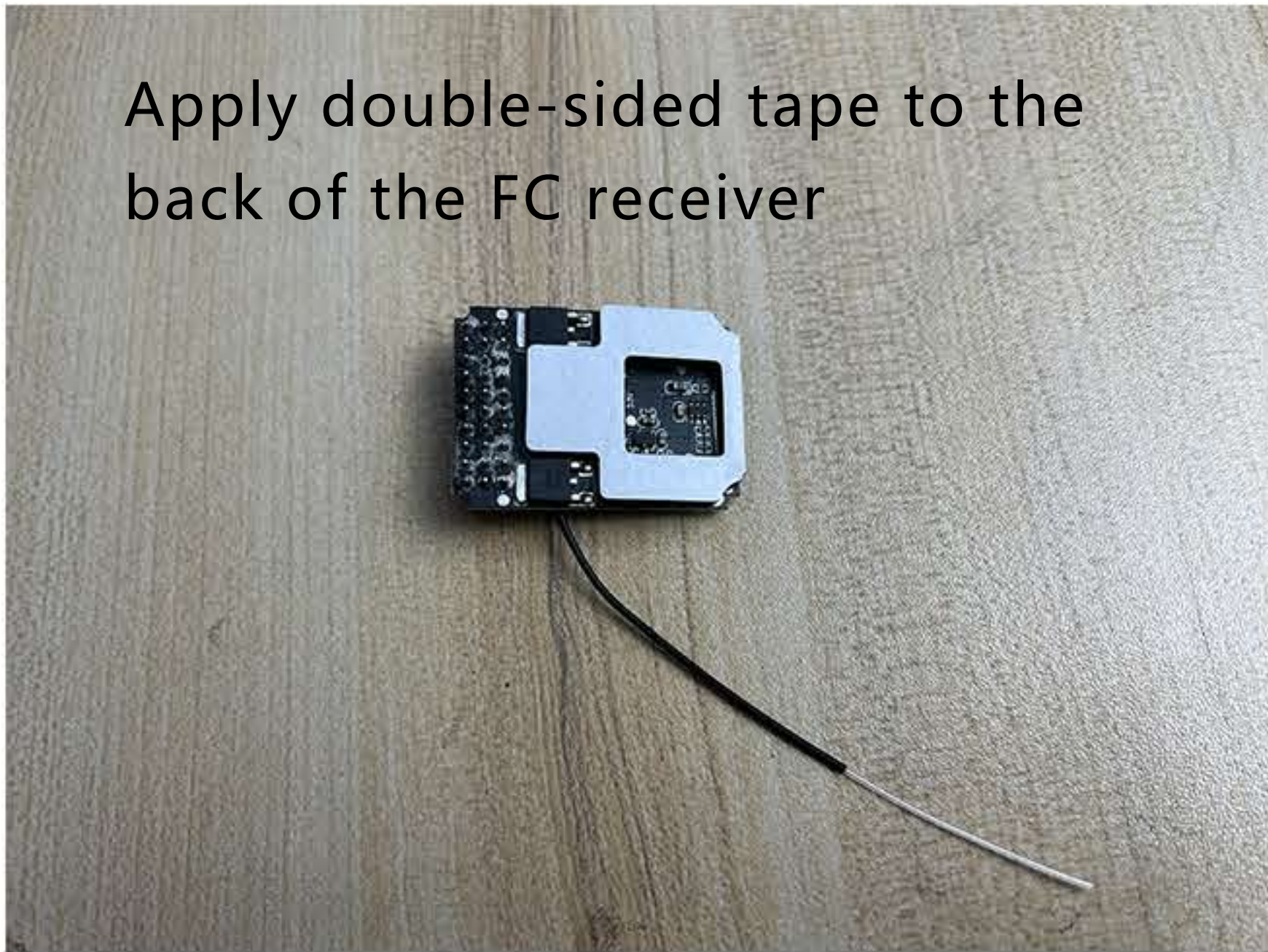


Install servos and FC receiver

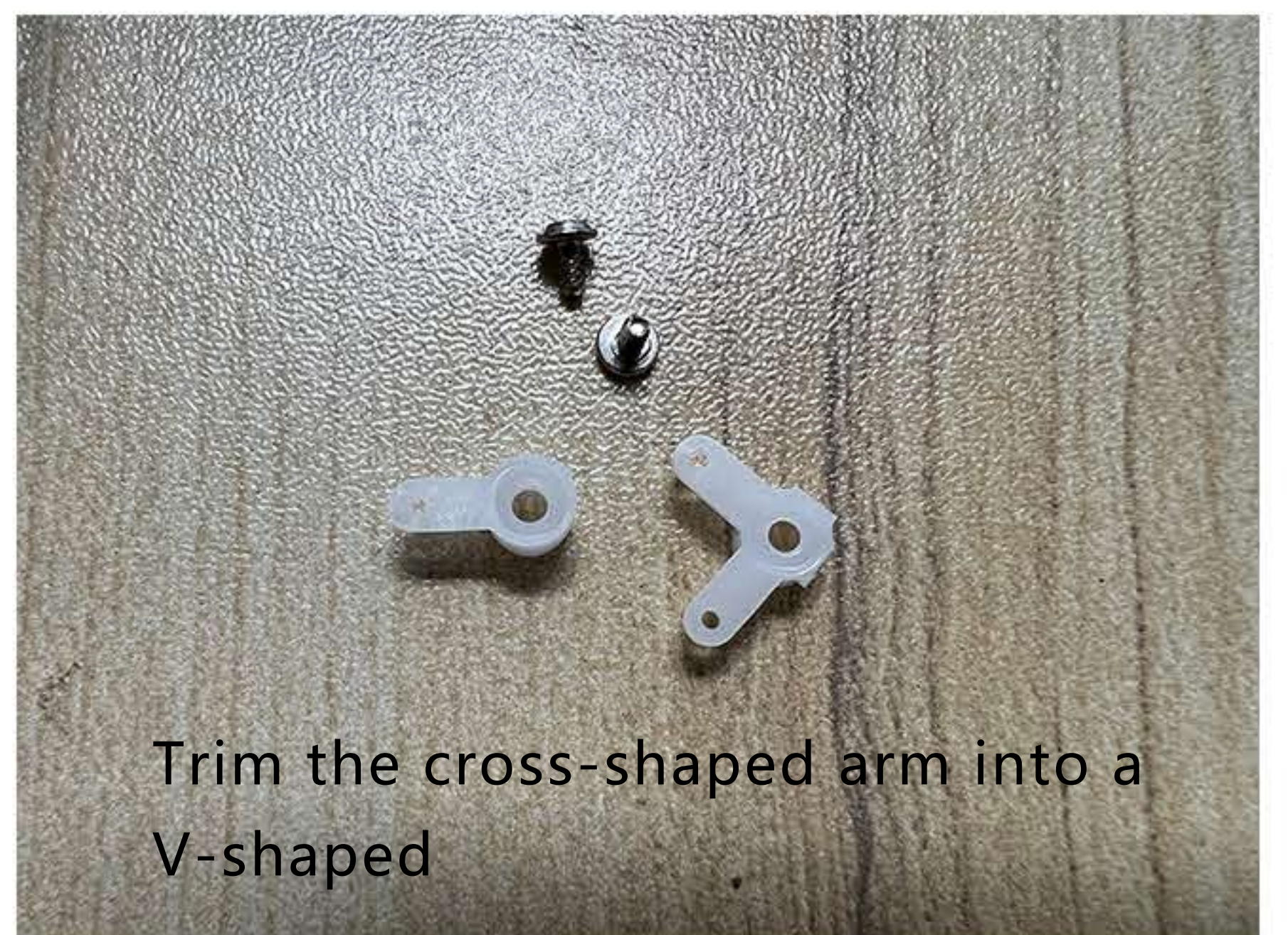
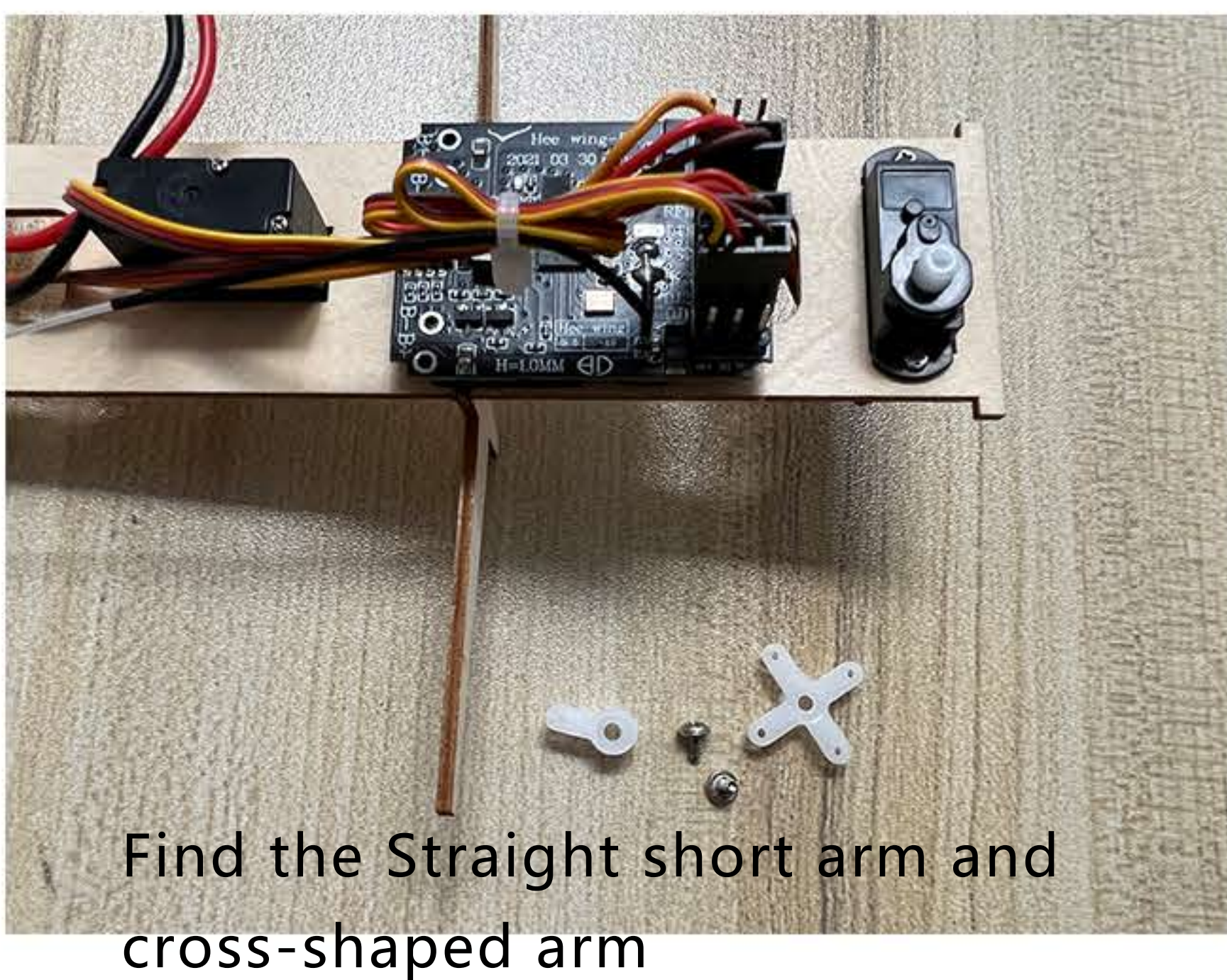
Use 1.4\*4 Self-tapping screws to install servos



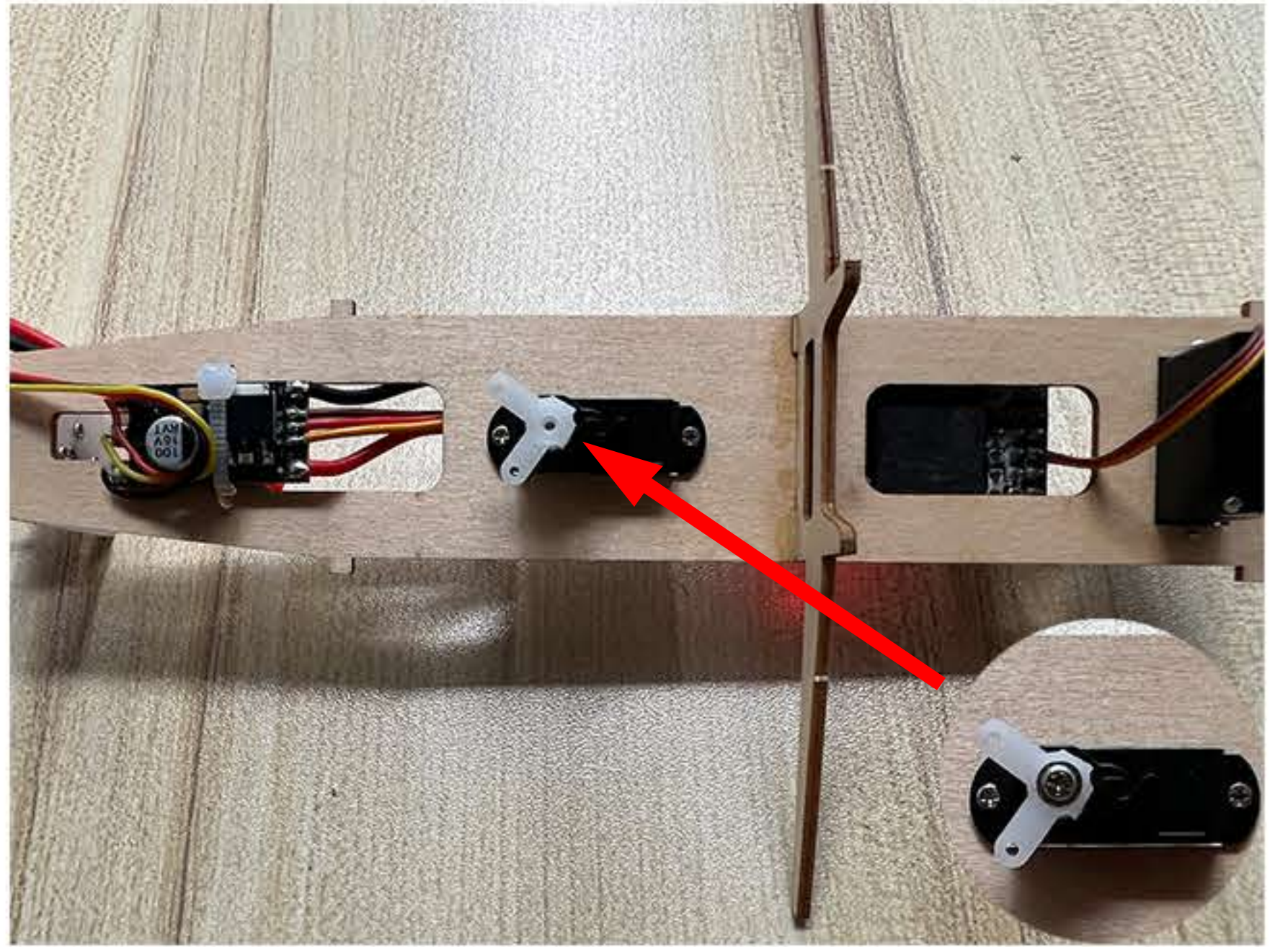
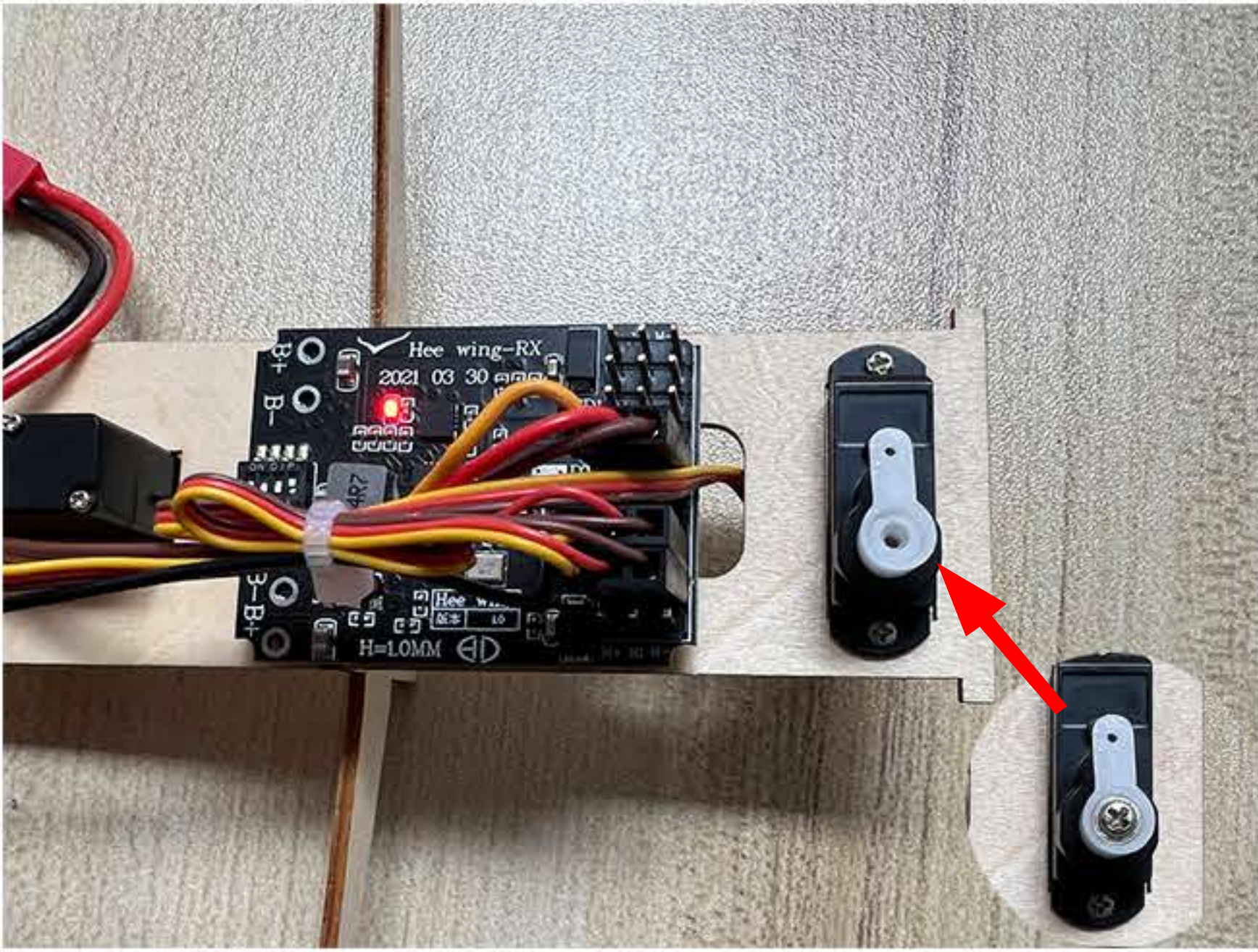
## Install FC receive



## Install the servo arms



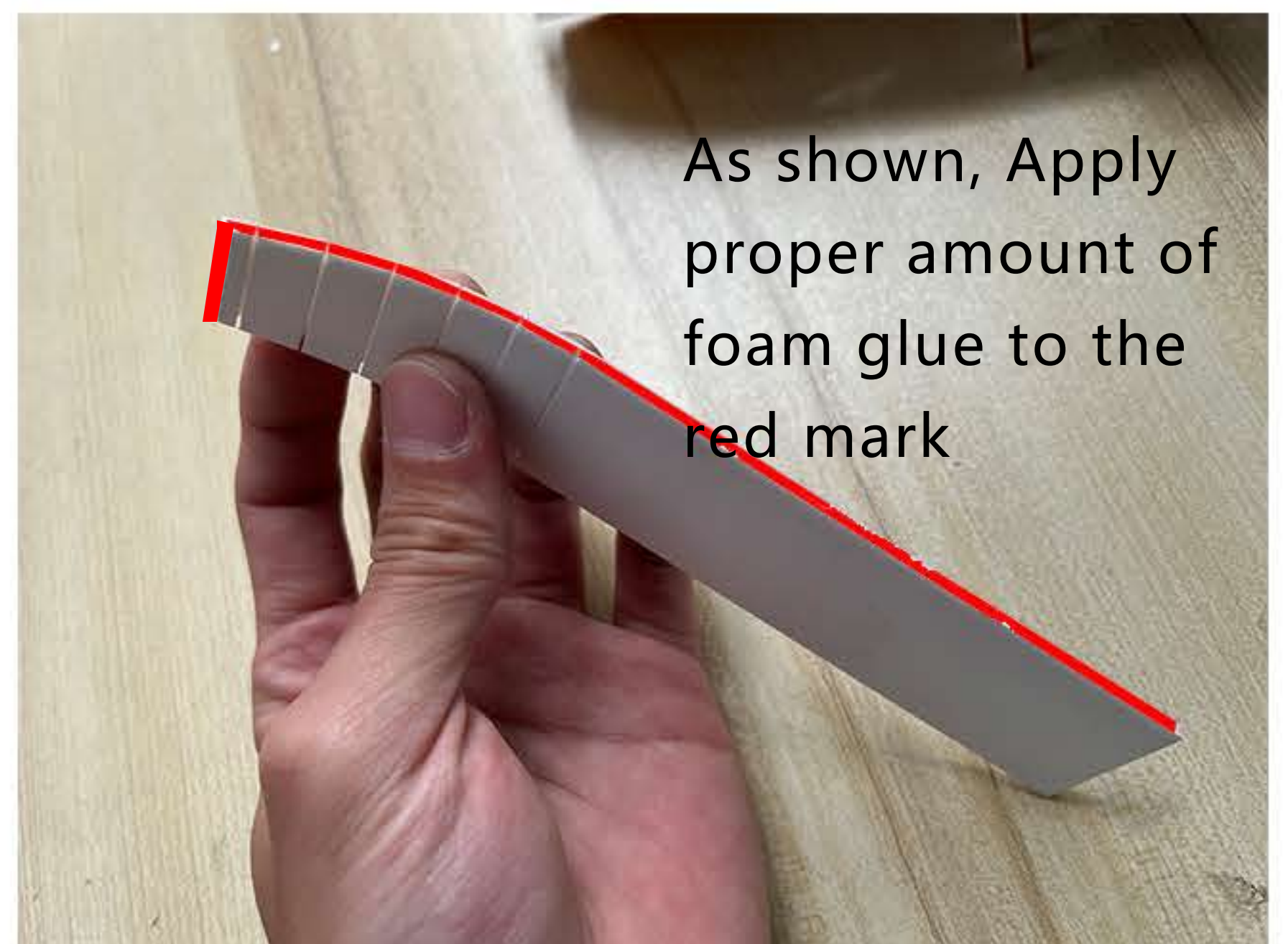
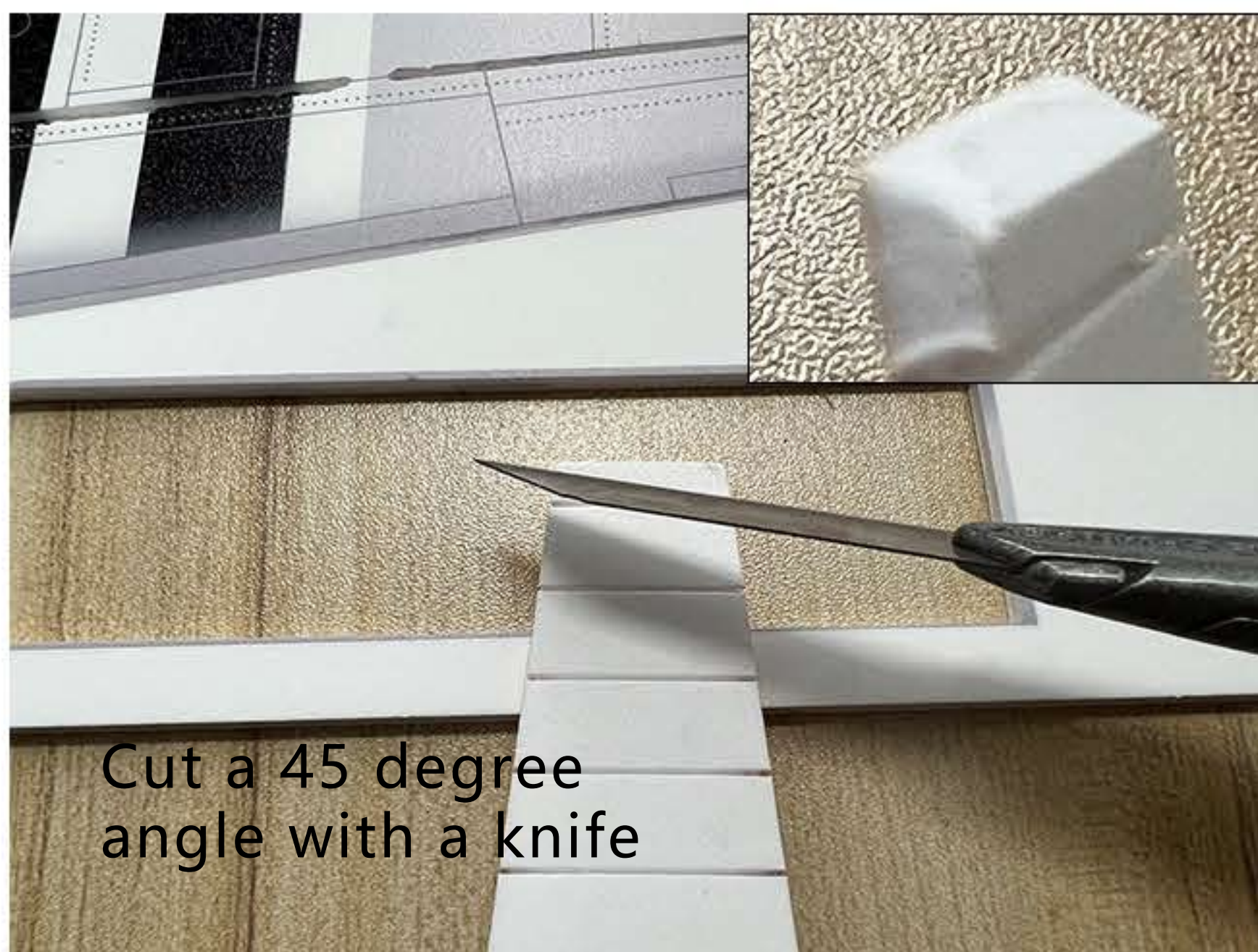
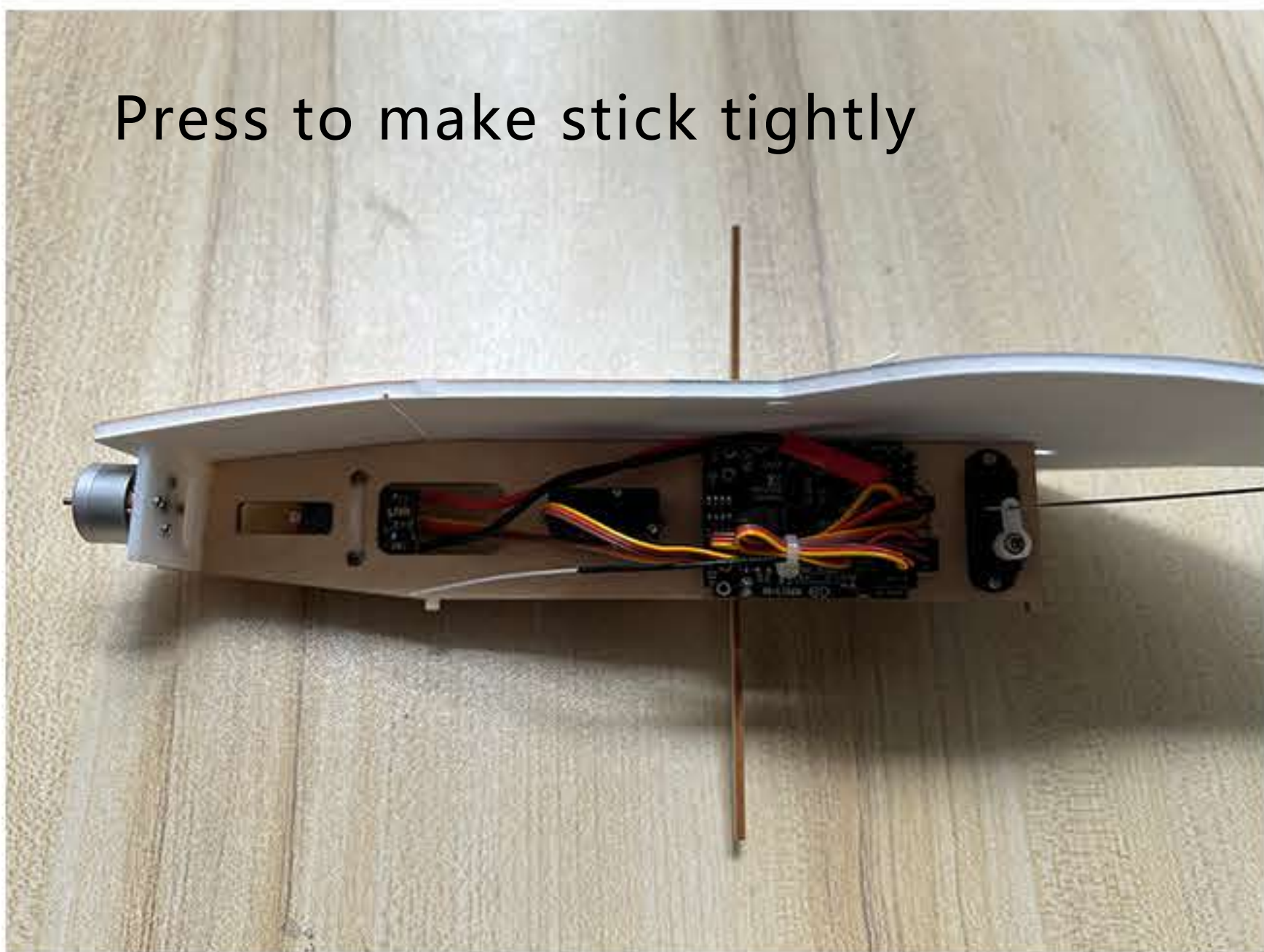
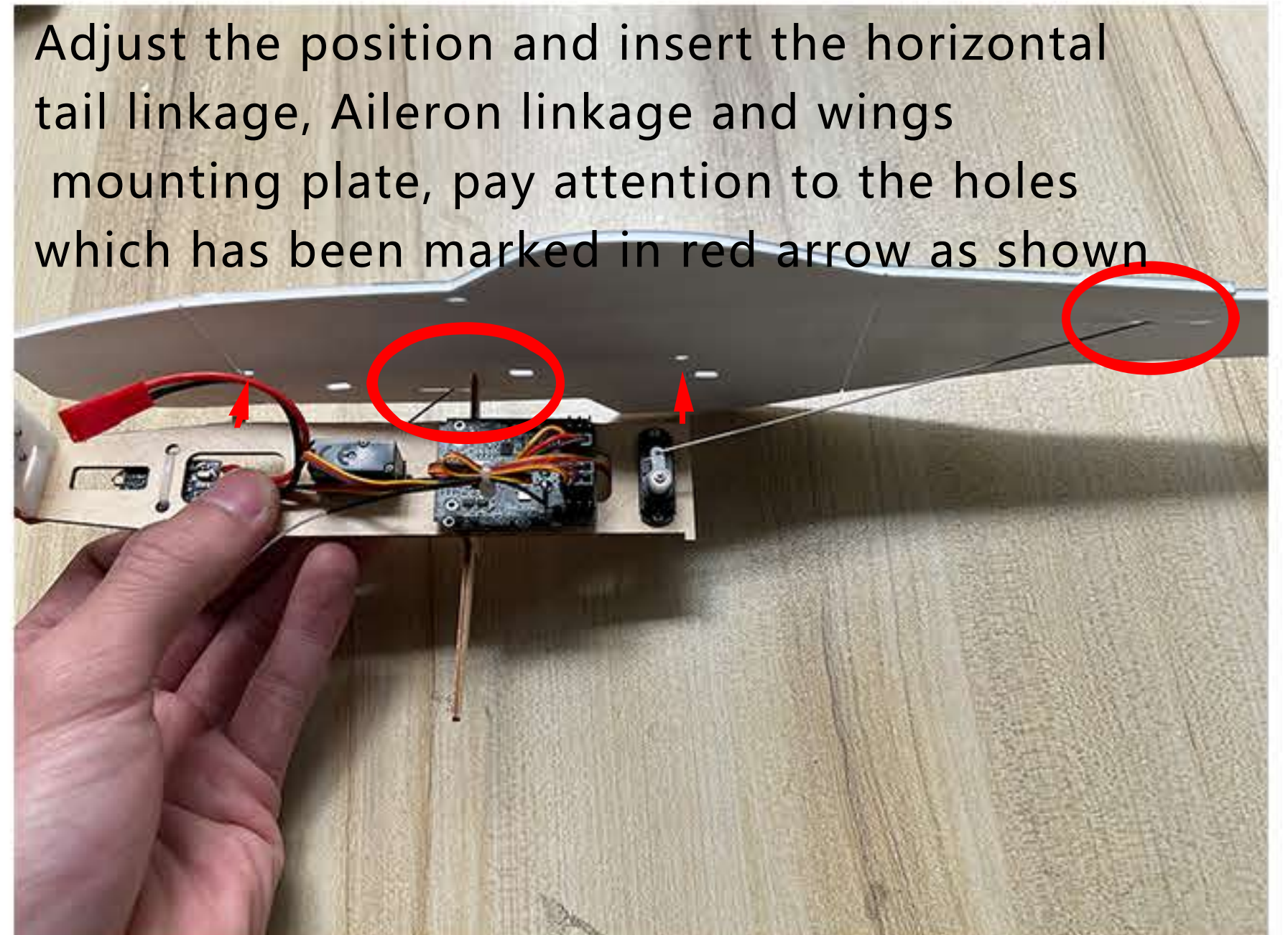
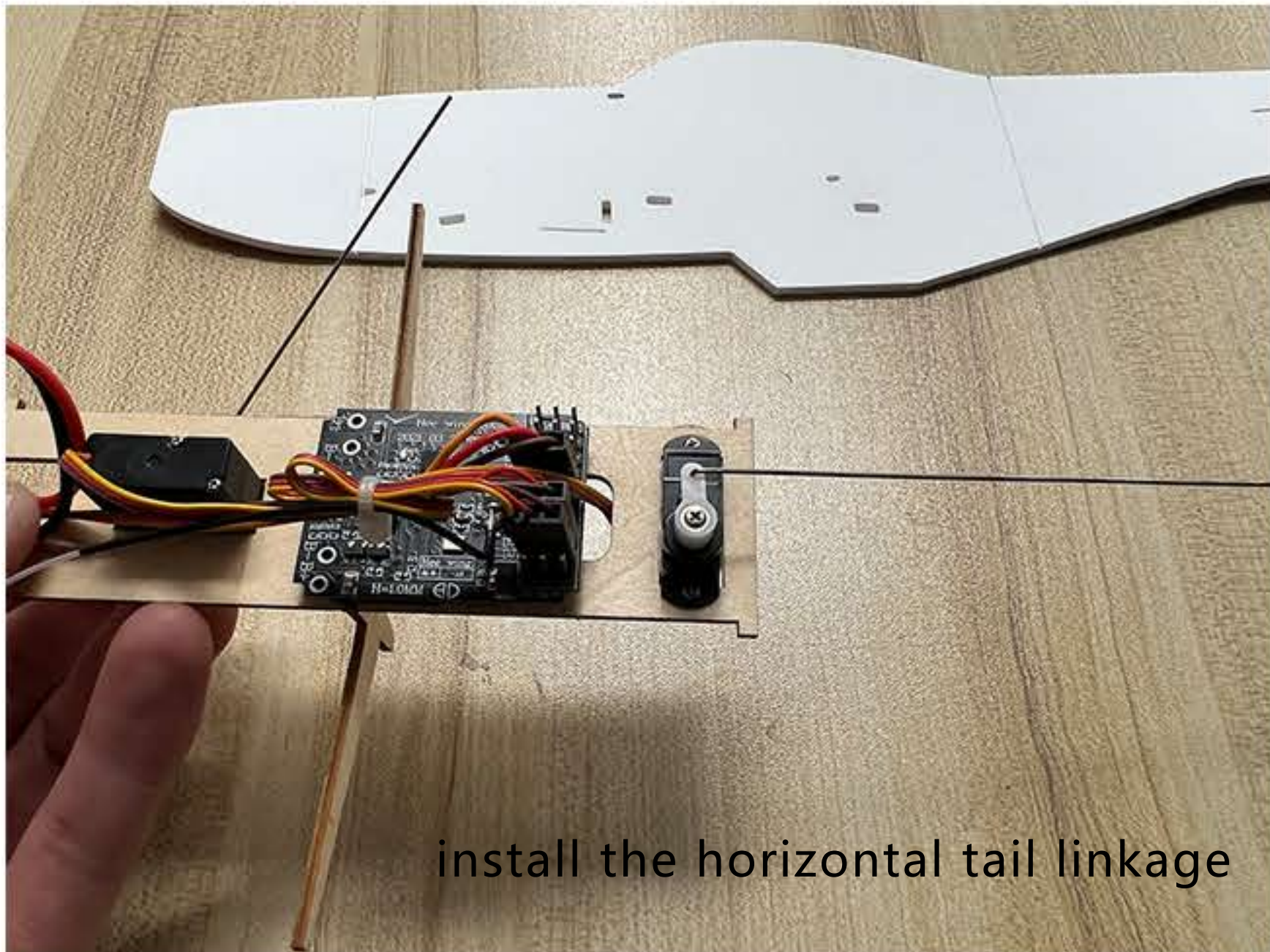
Power on the FC receiver, install the arms in neutral point and screw on

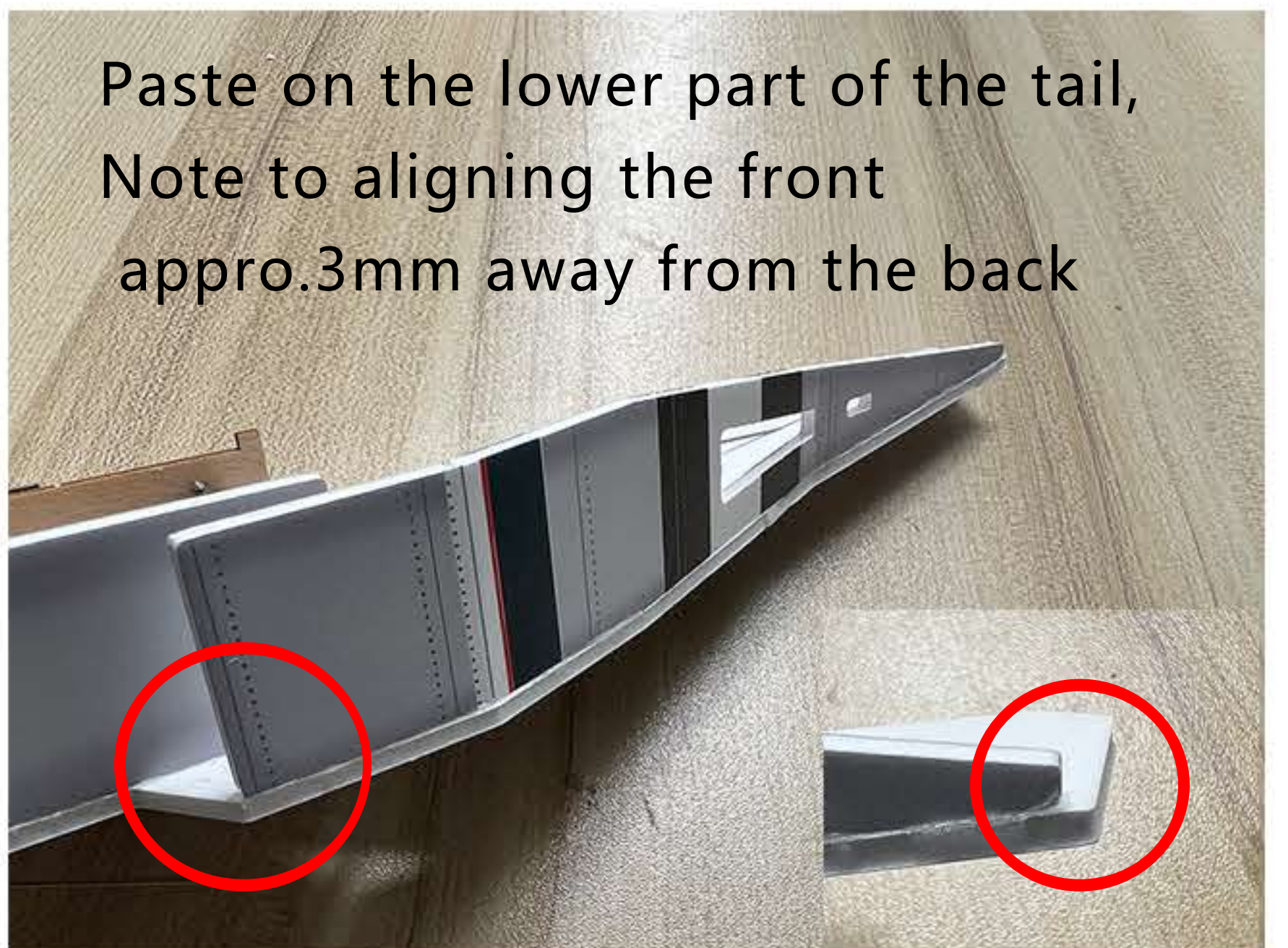
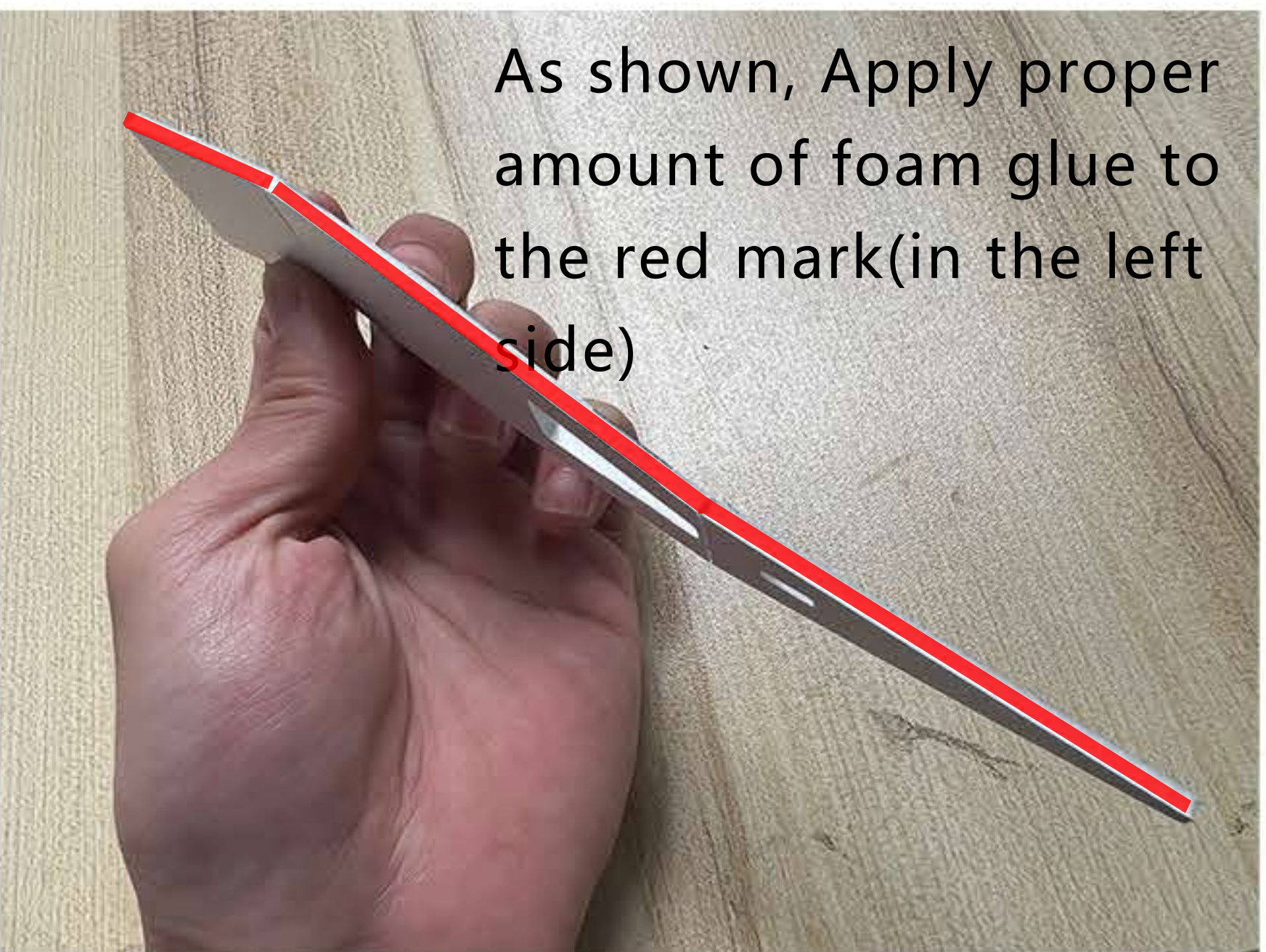
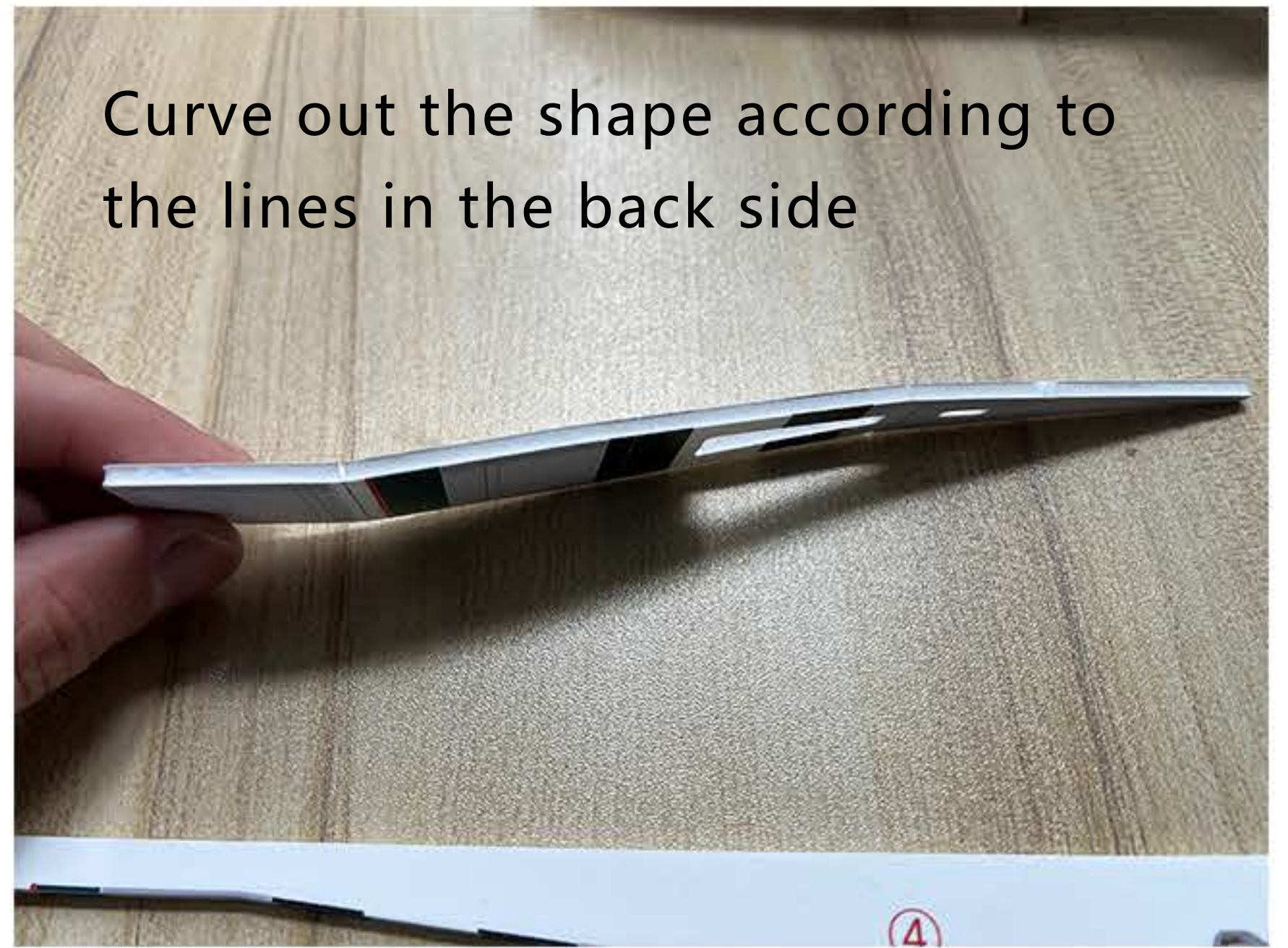
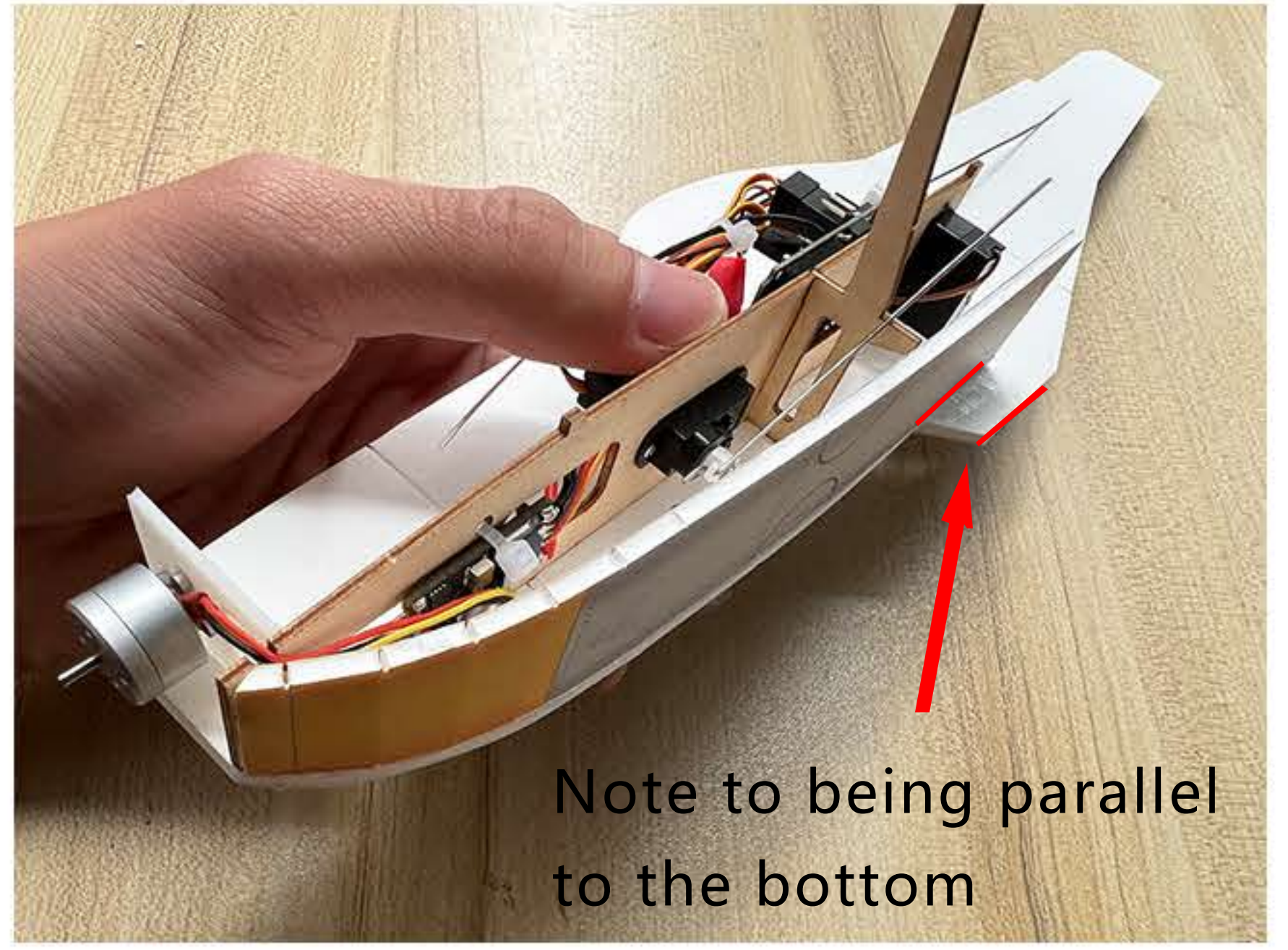
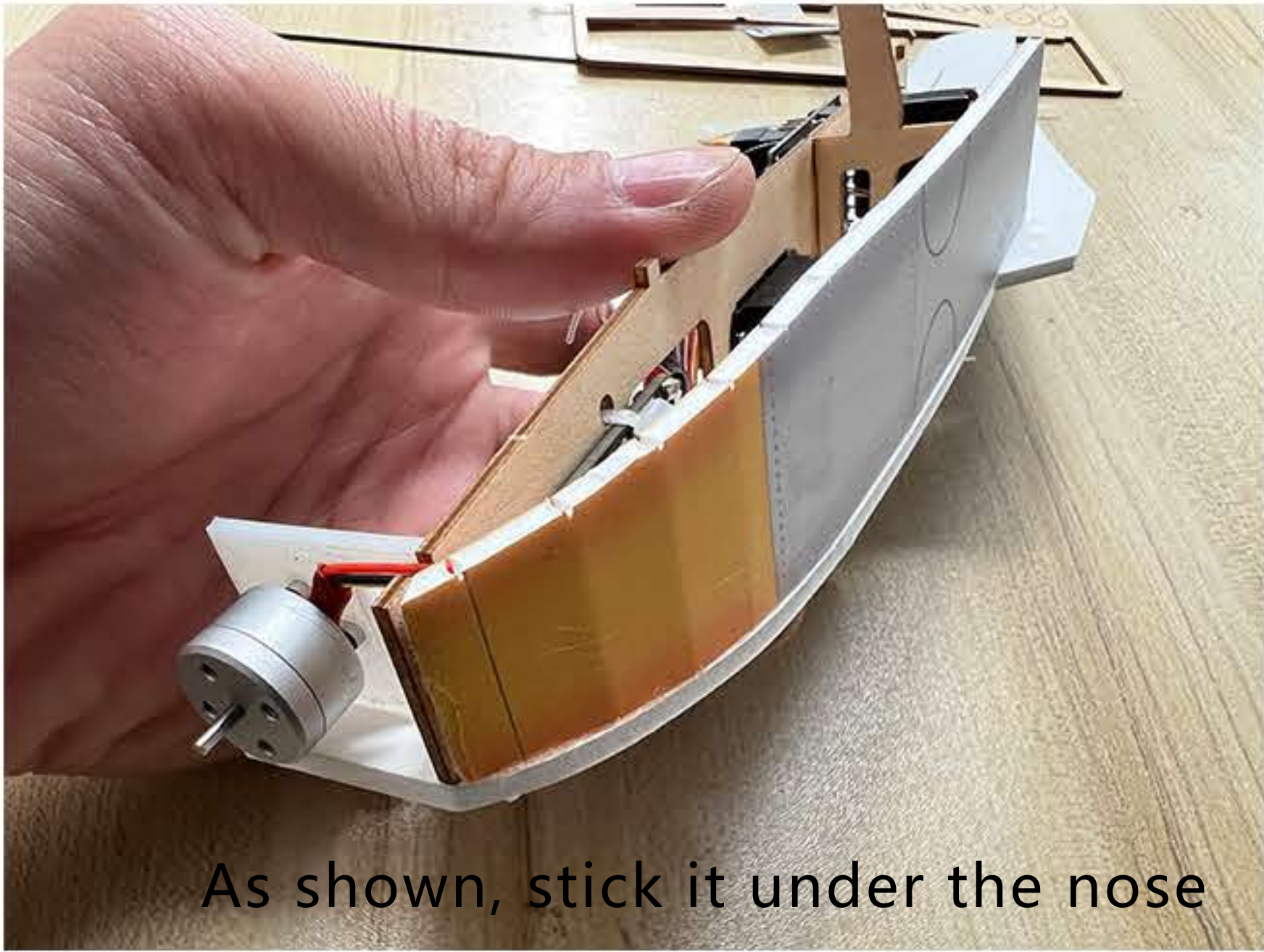


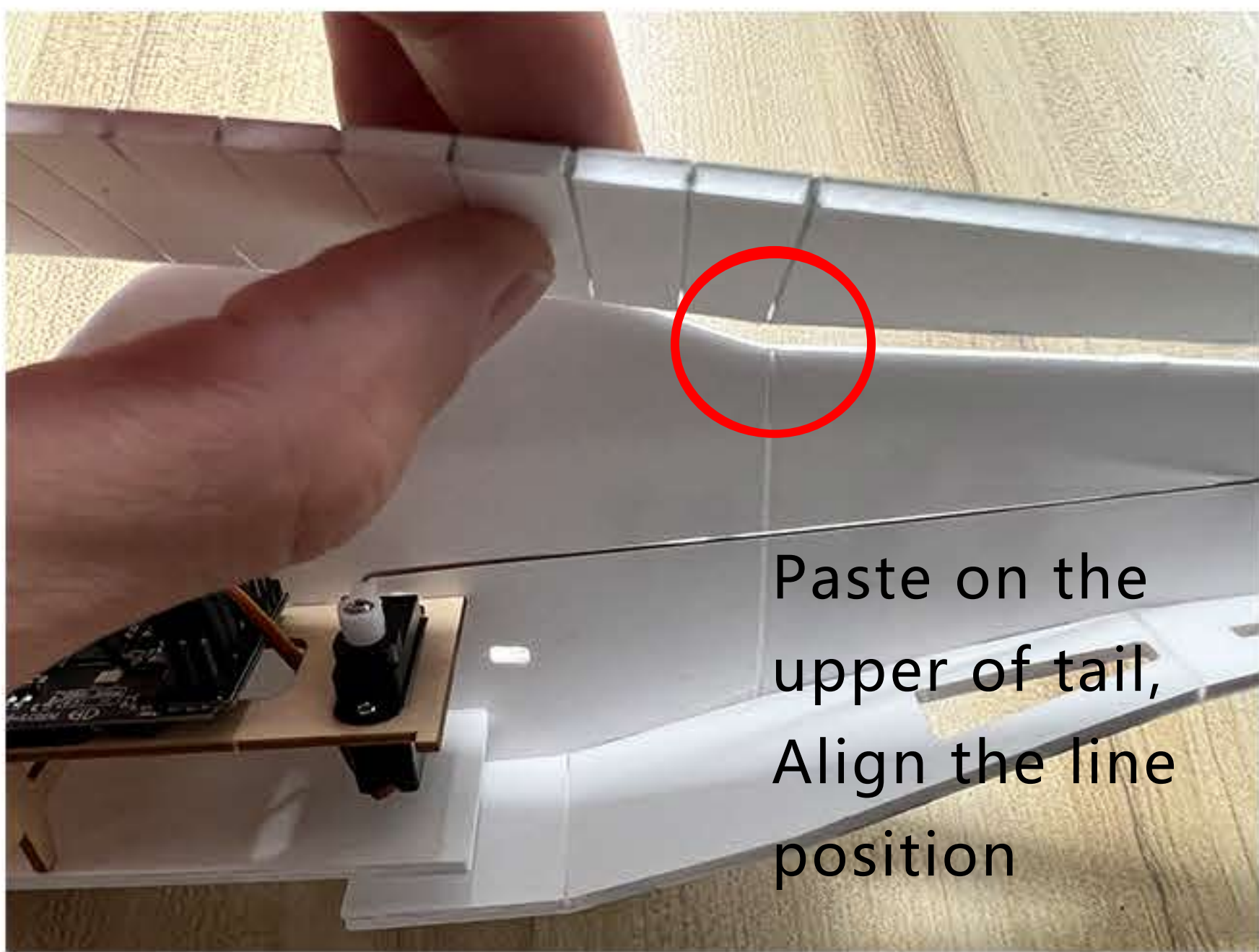
3. Install the body plate

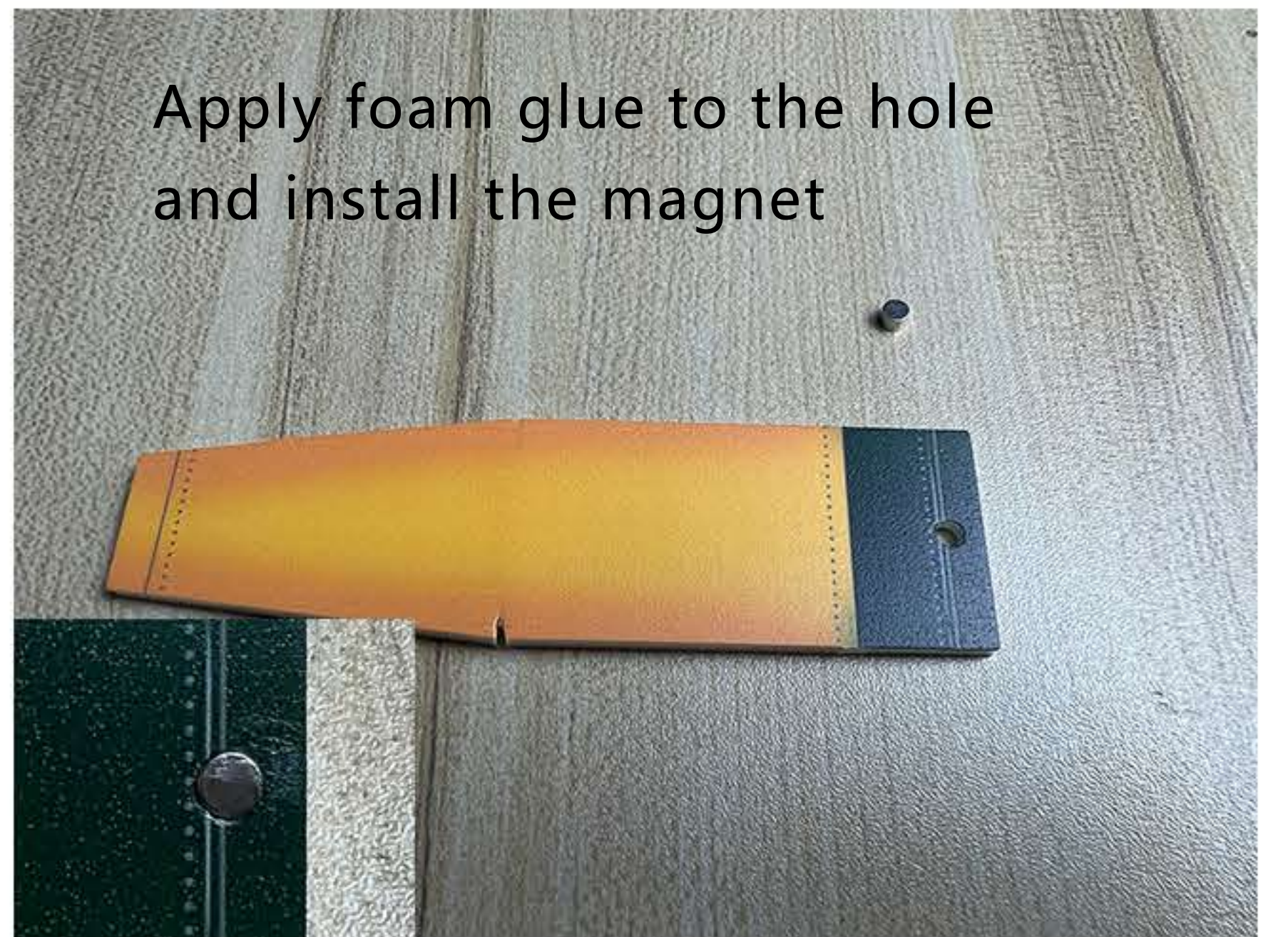
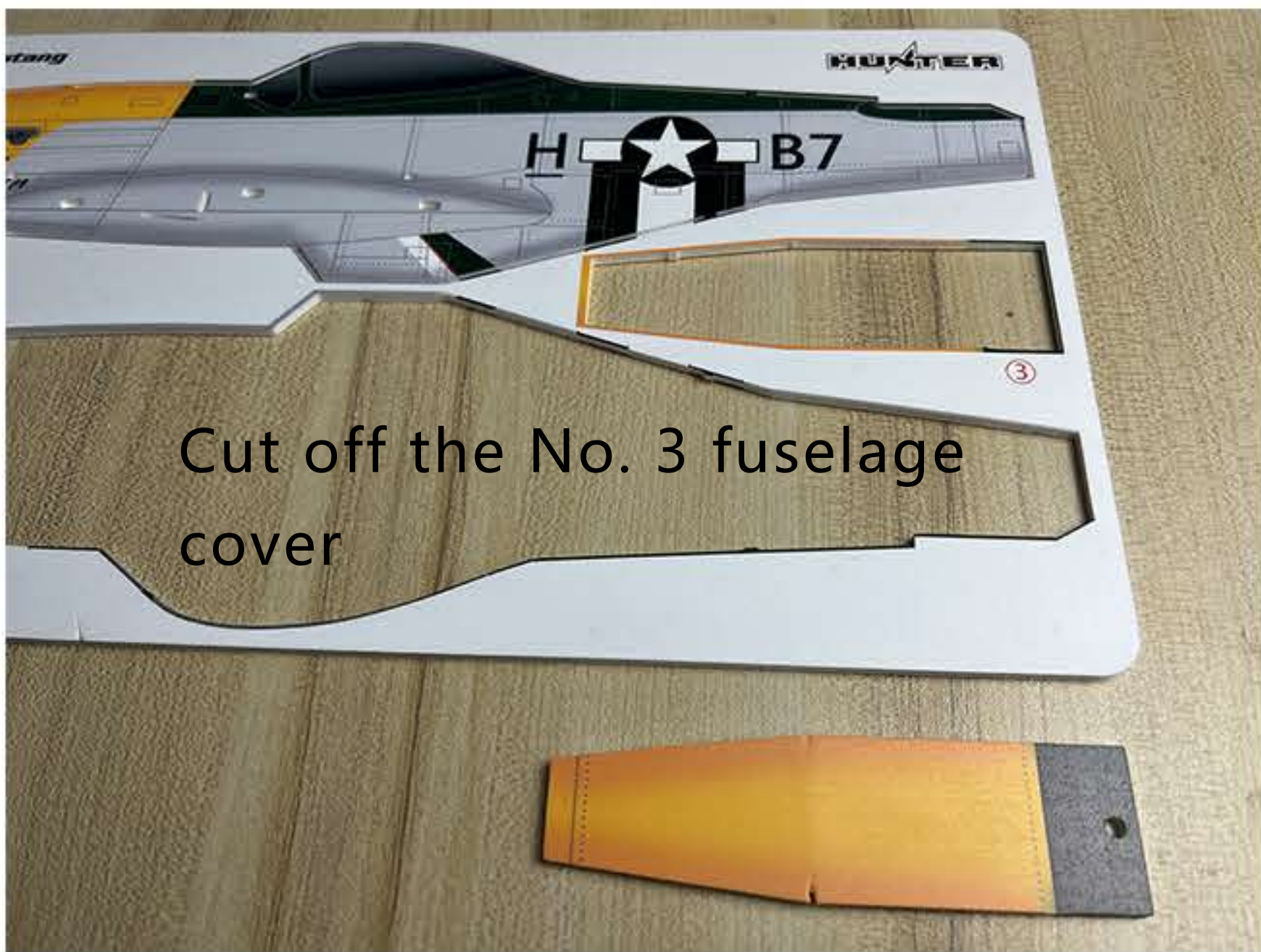
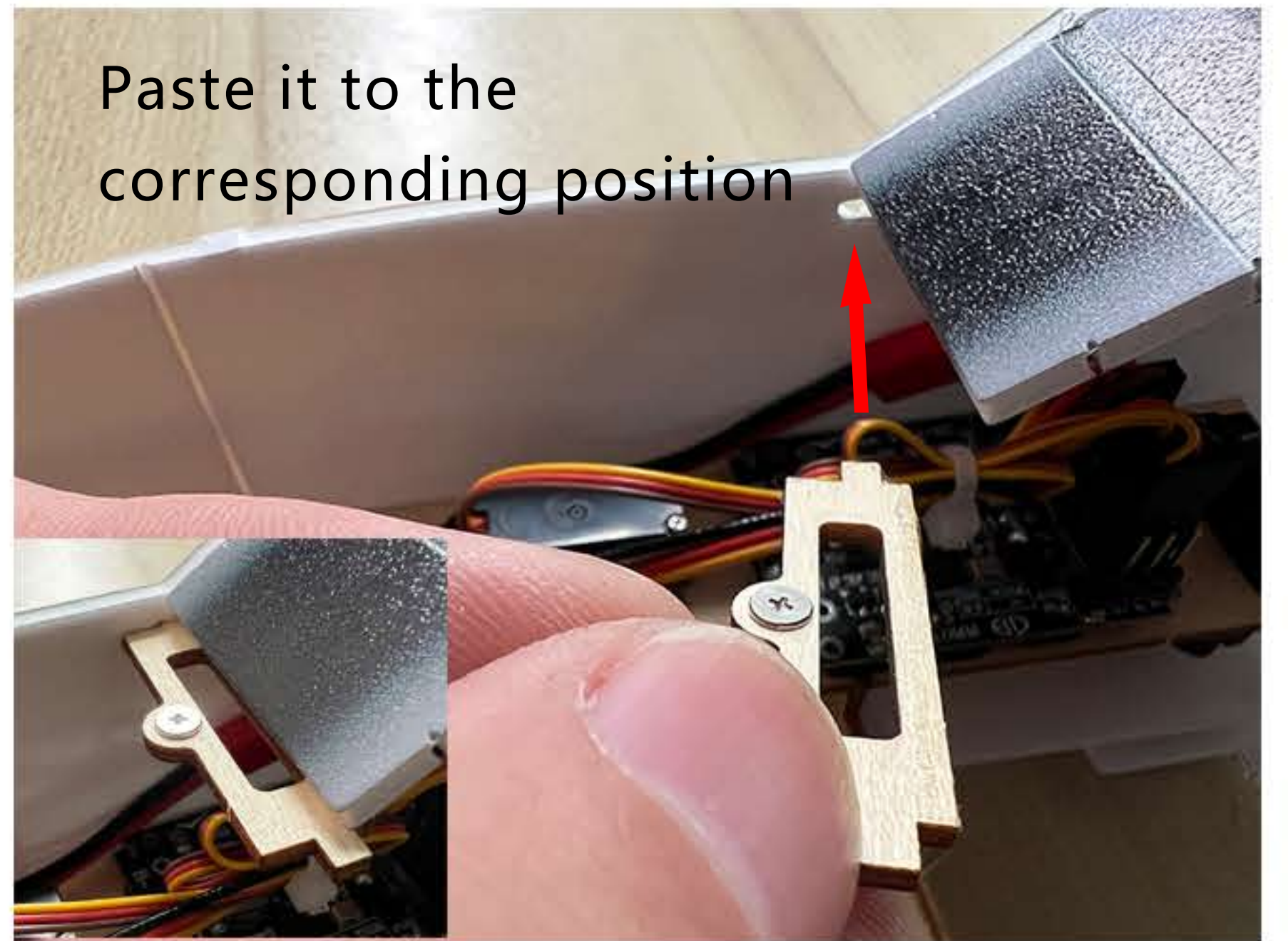
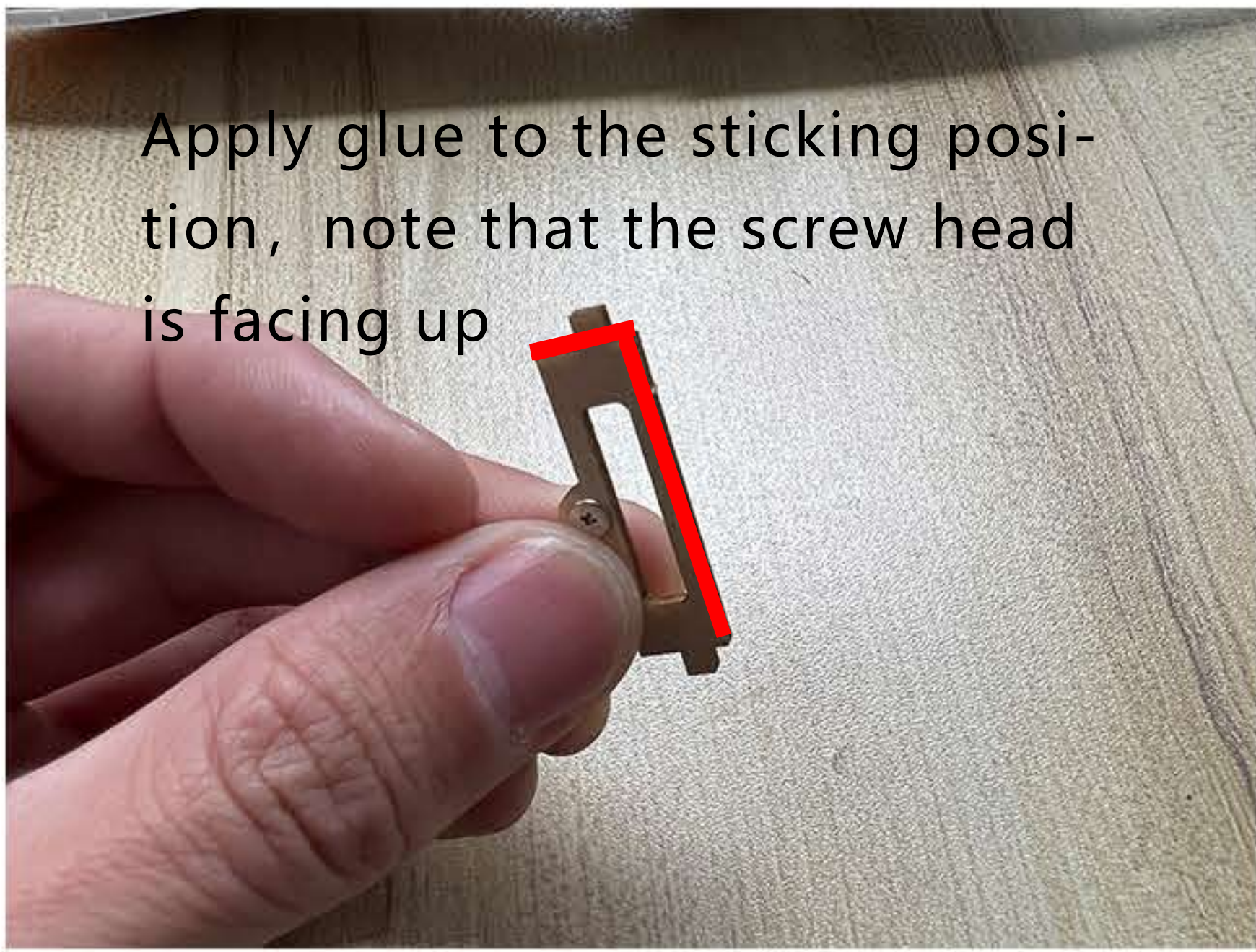


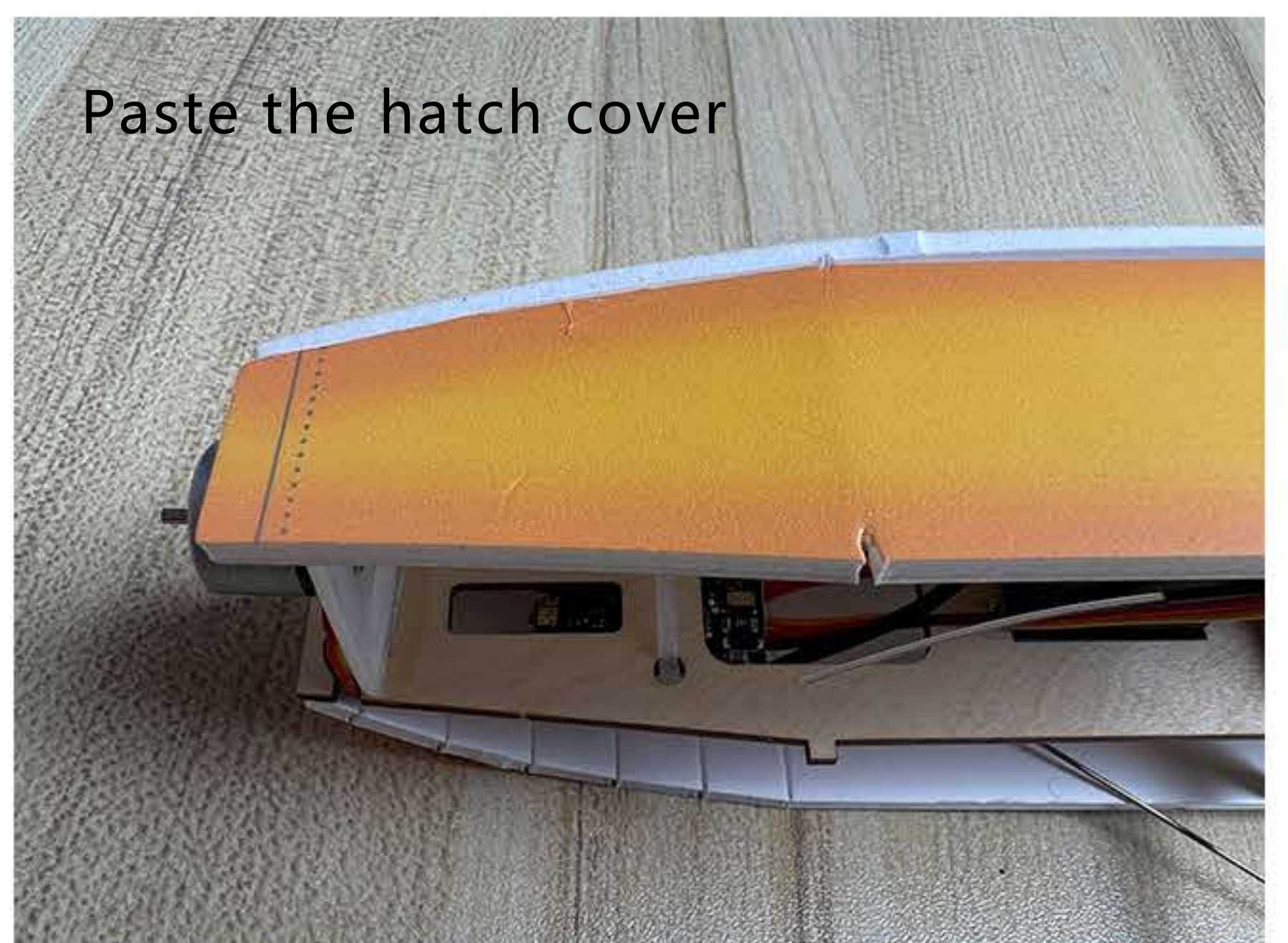
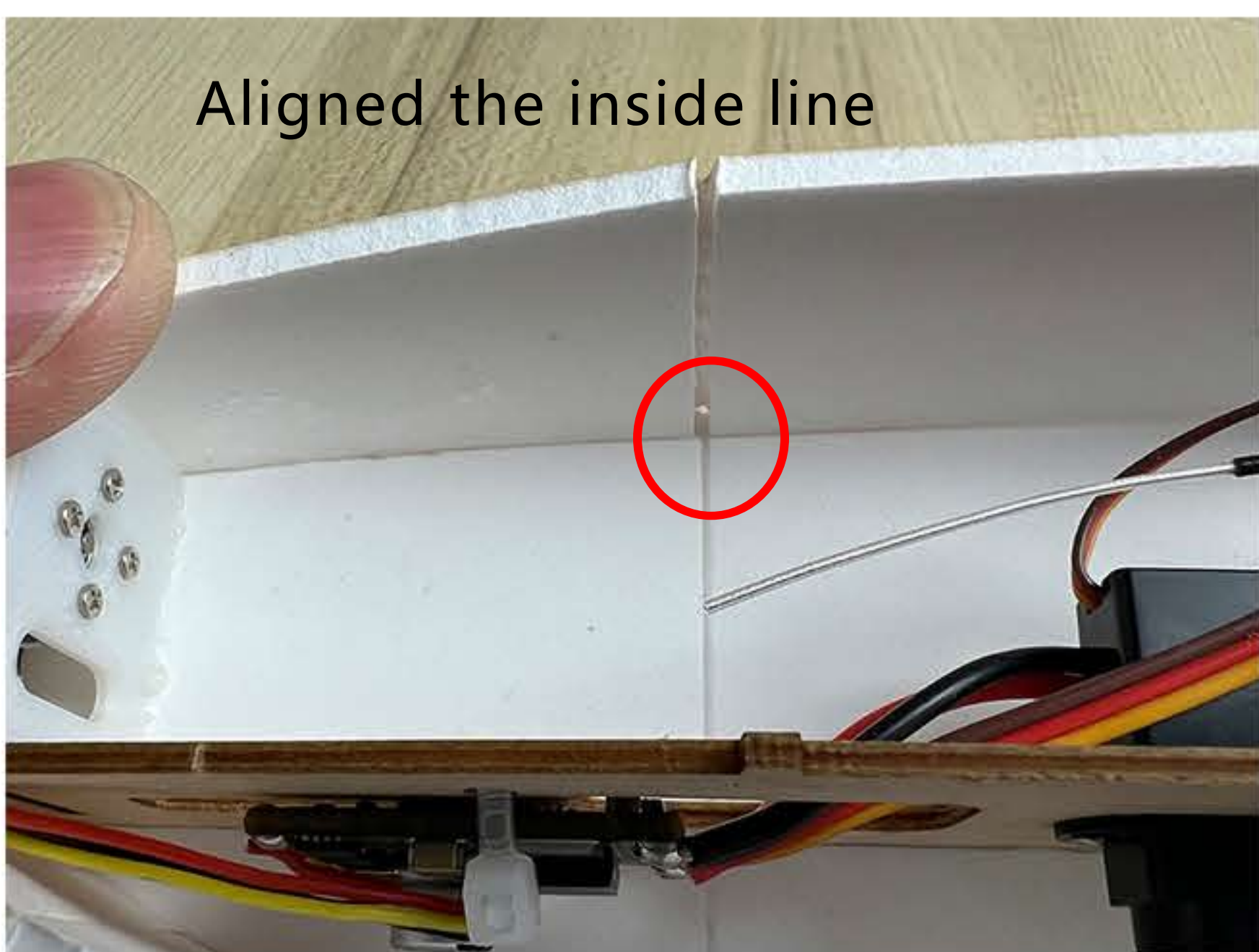
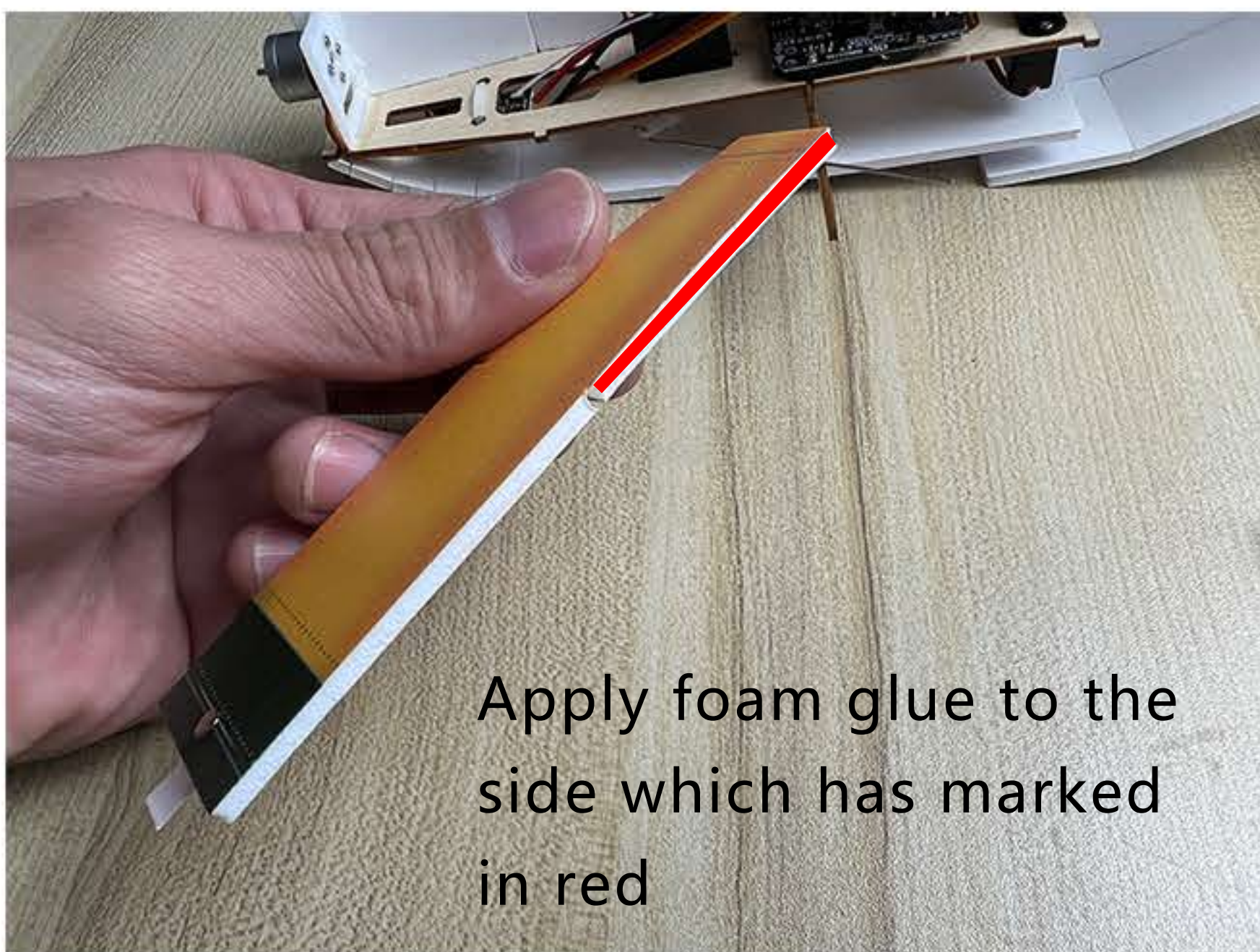
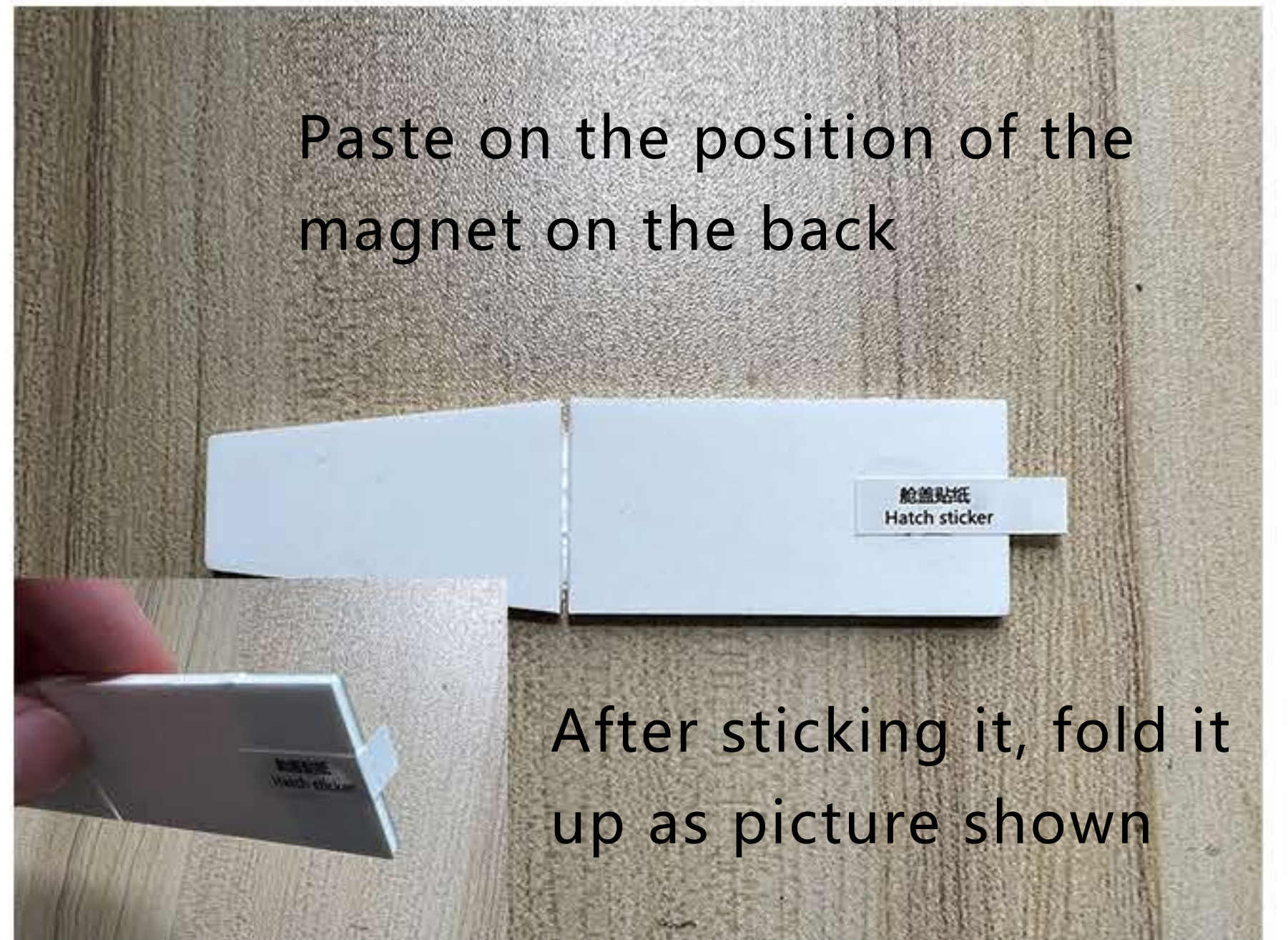




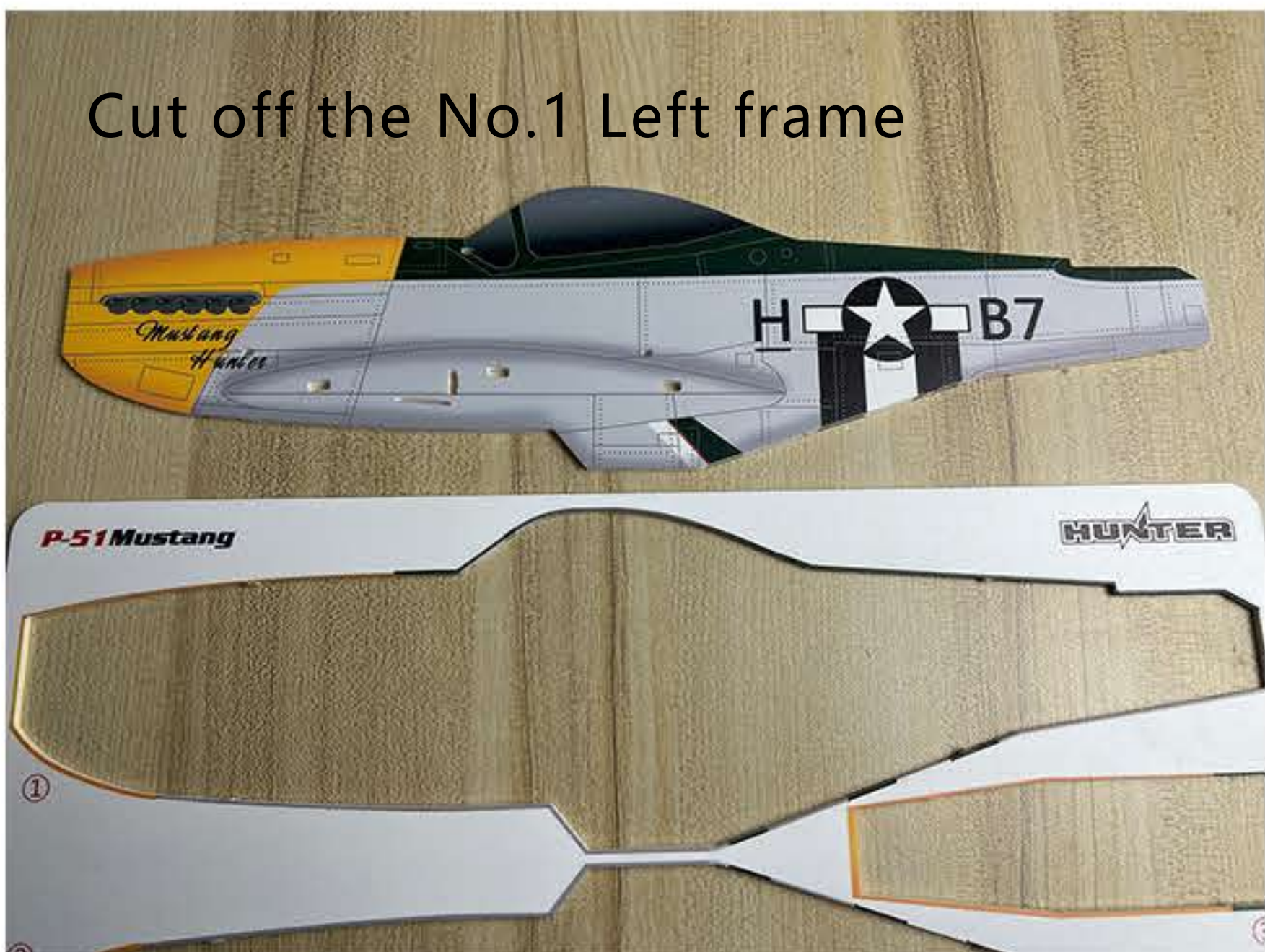




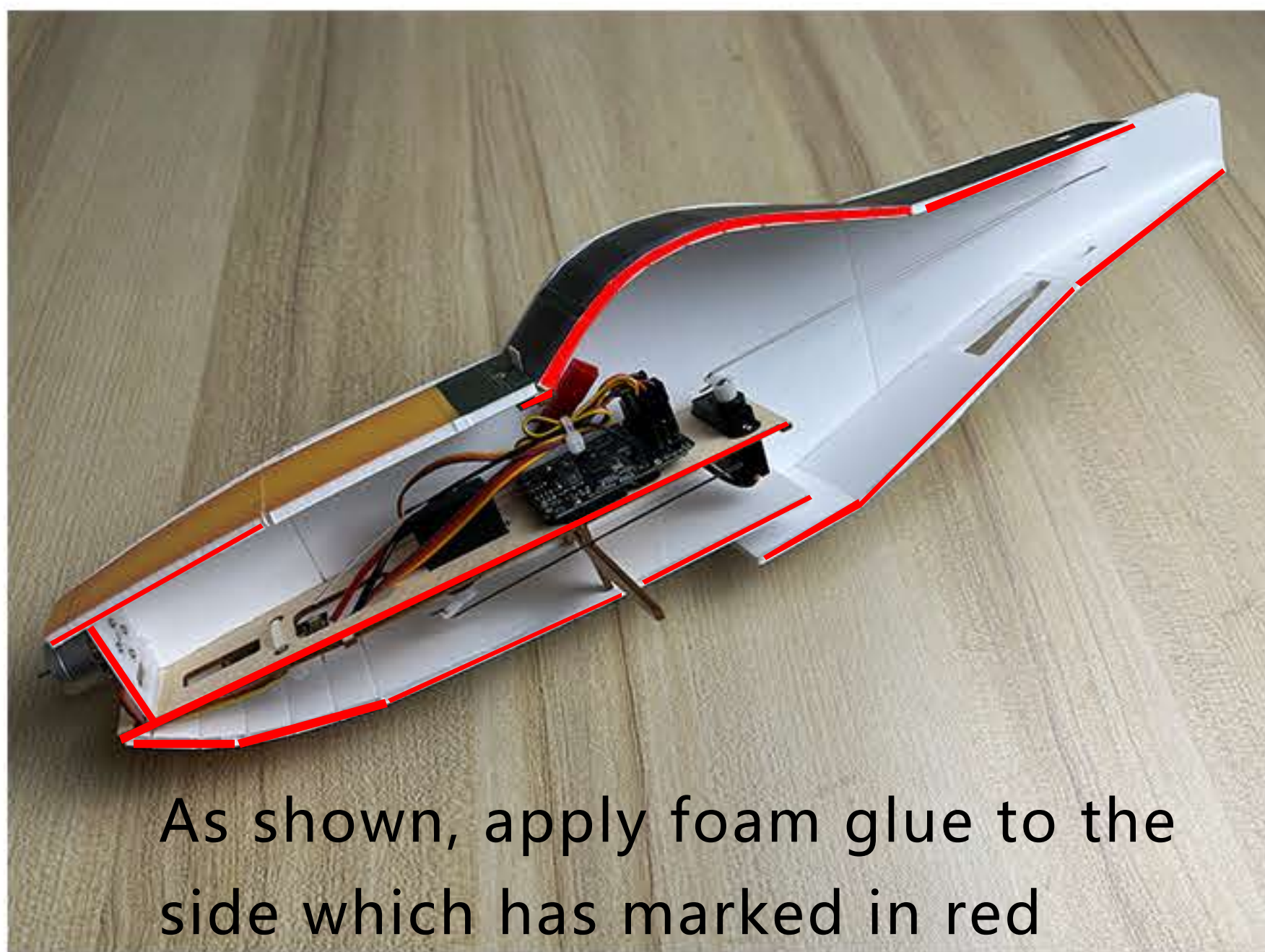




Cut off the No.1 Left frame



As shown, apply foam glue to the side which has marked in red



Threading the aileron rod and wing mounting plate



Paste the frame

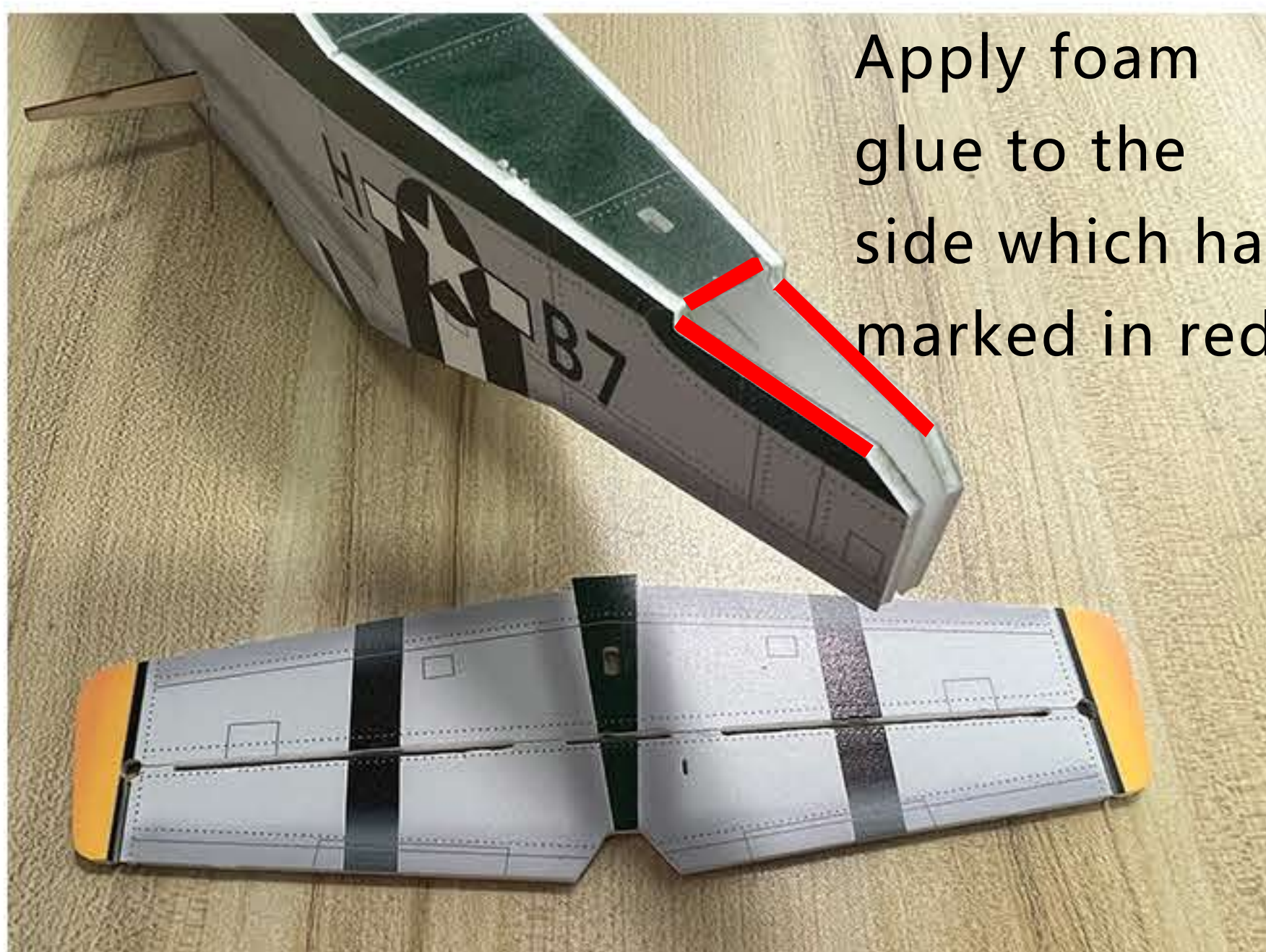


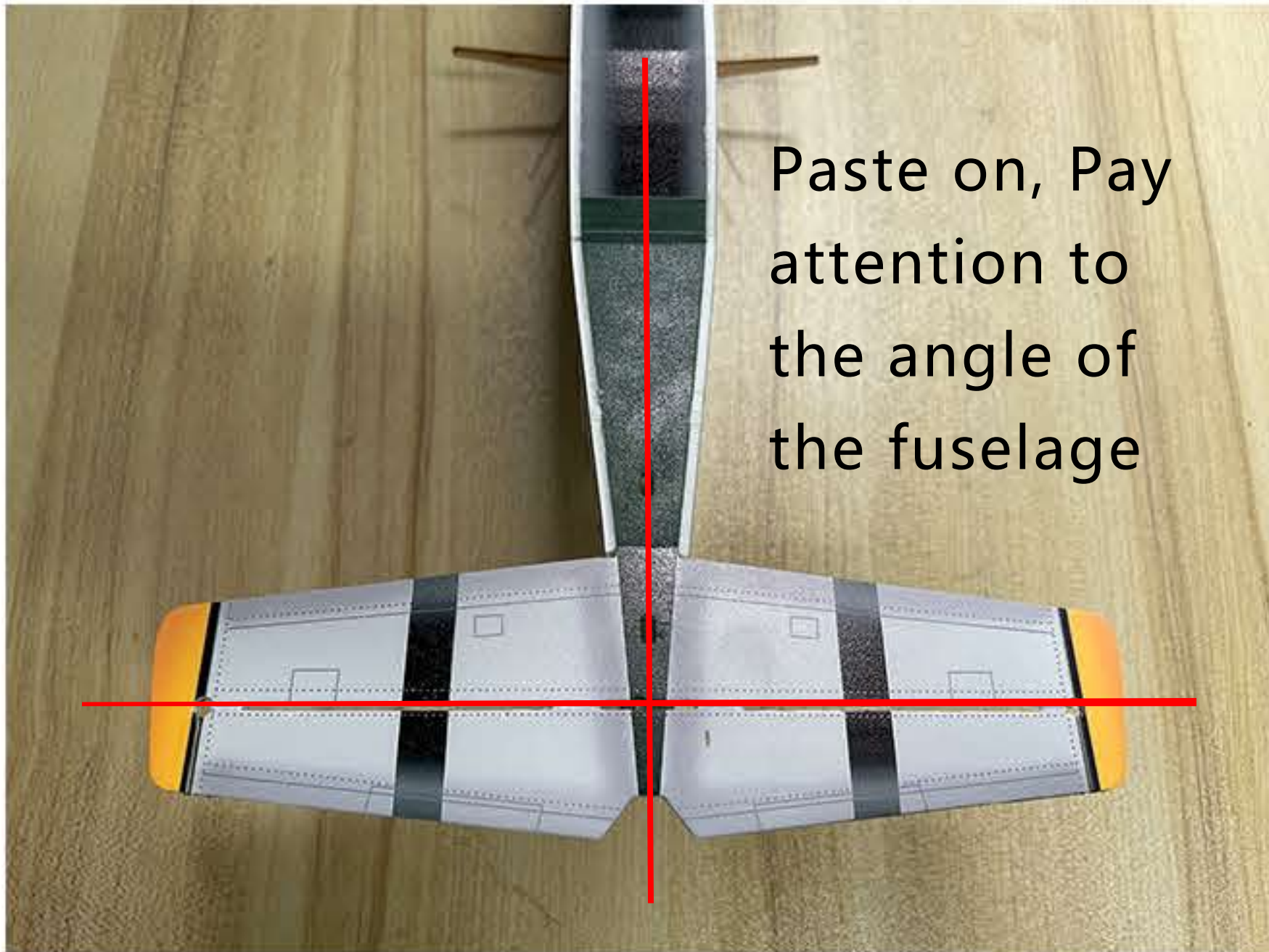
#### 4. Install the horizontal tail fin

Cut off the No.10 horizontal tail fin

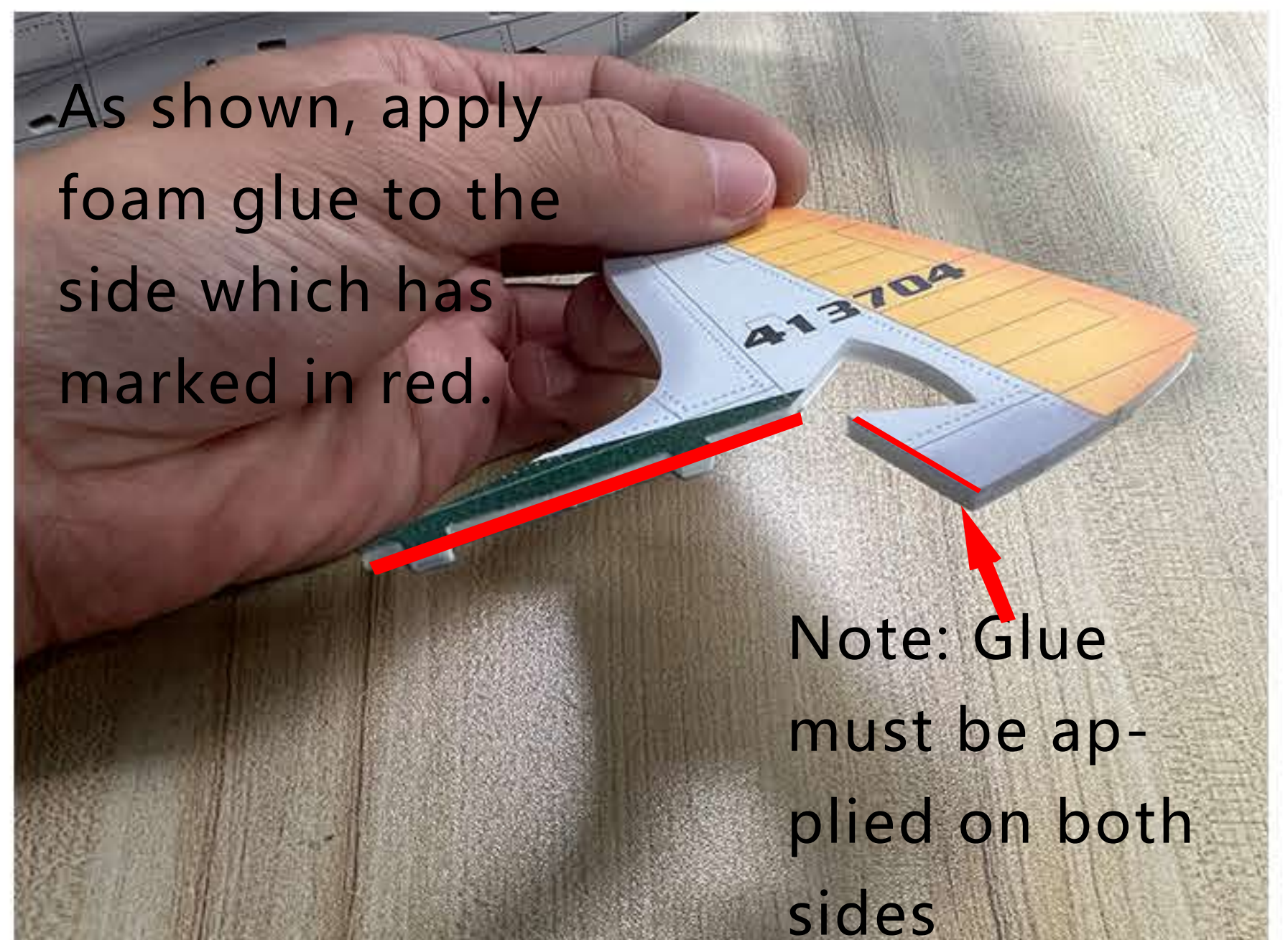


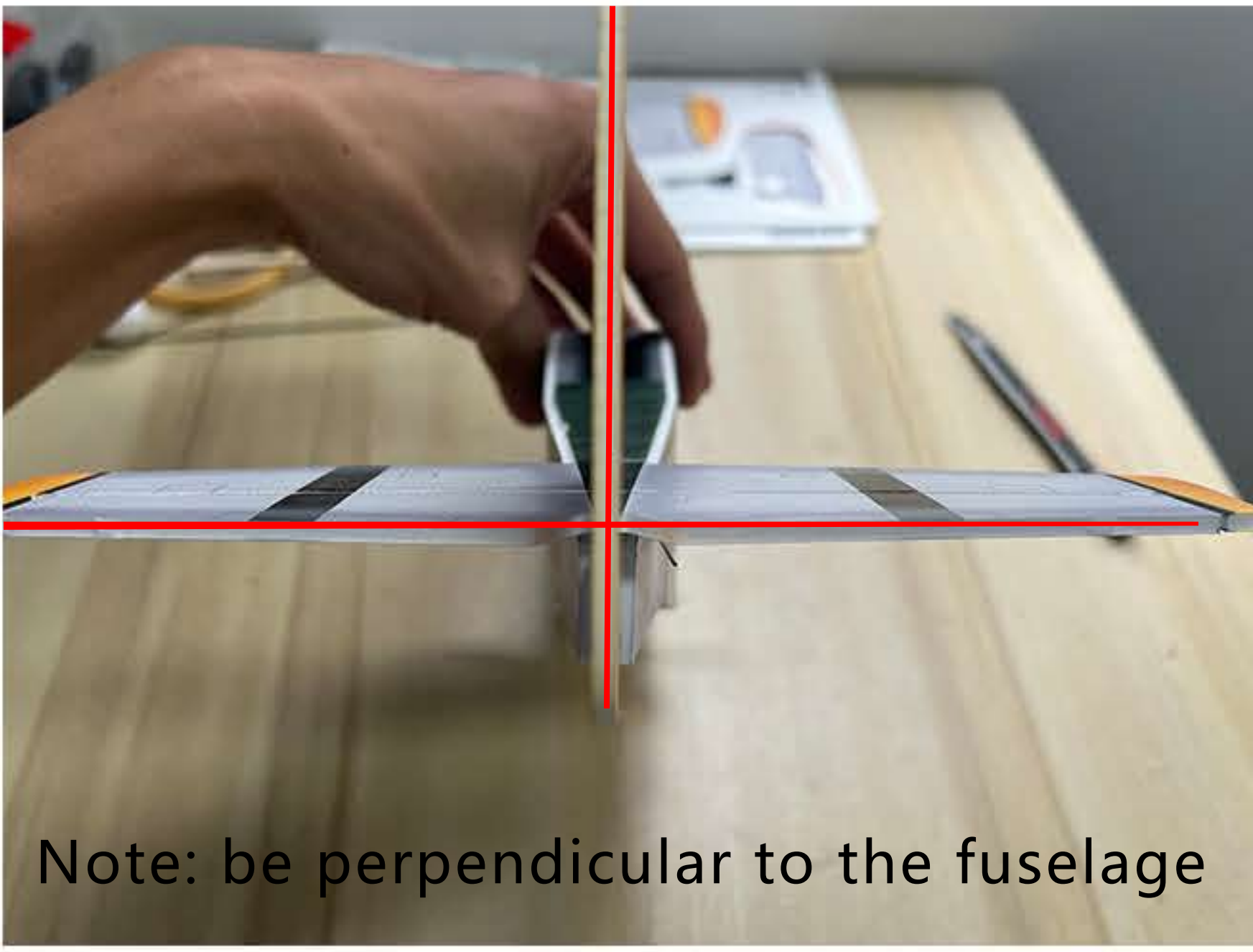
Apply foam glue to the side which has marked in red





### 5. Install the vertical tail fin



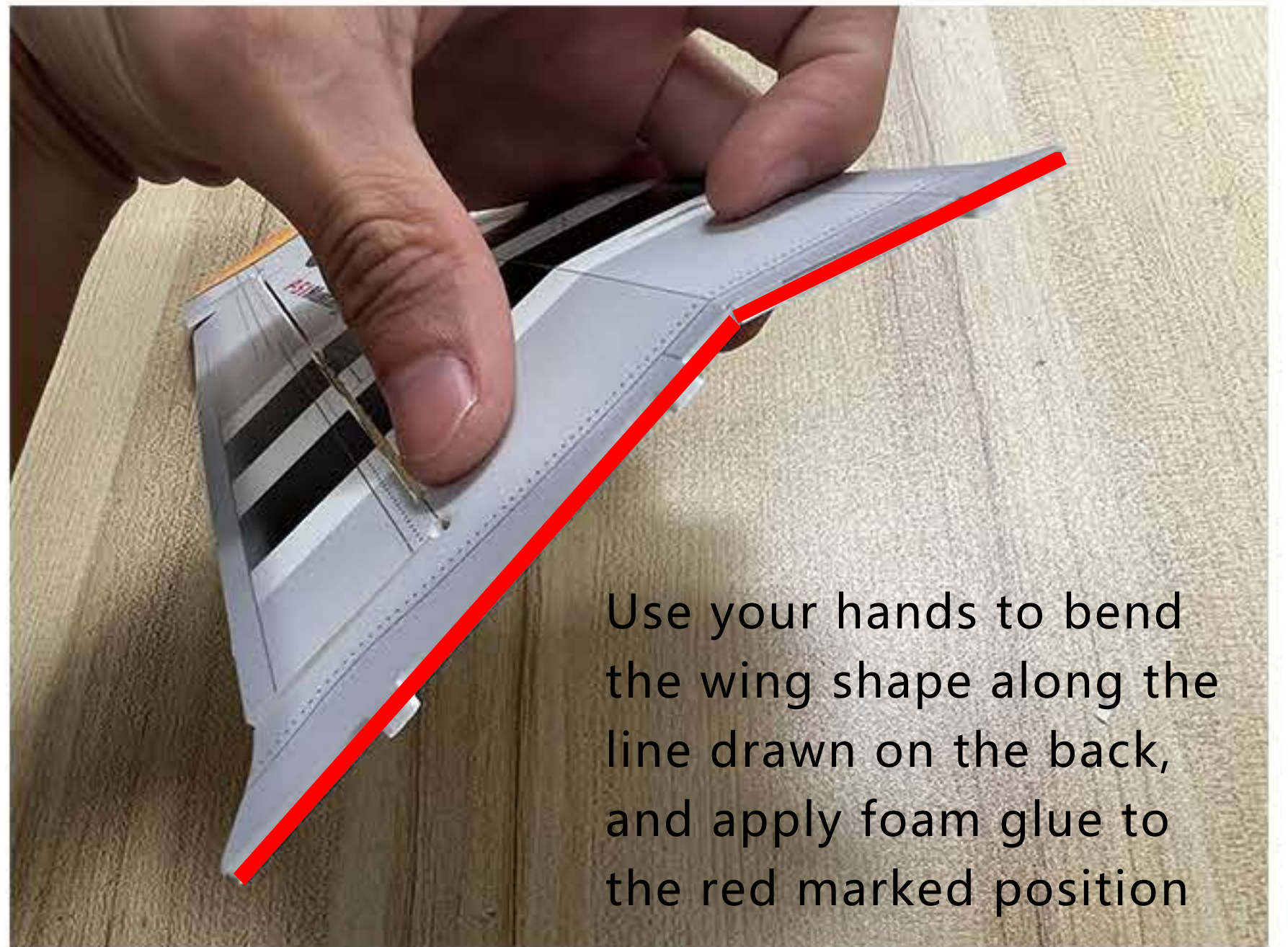


Note: be perpendicular to the fuselage

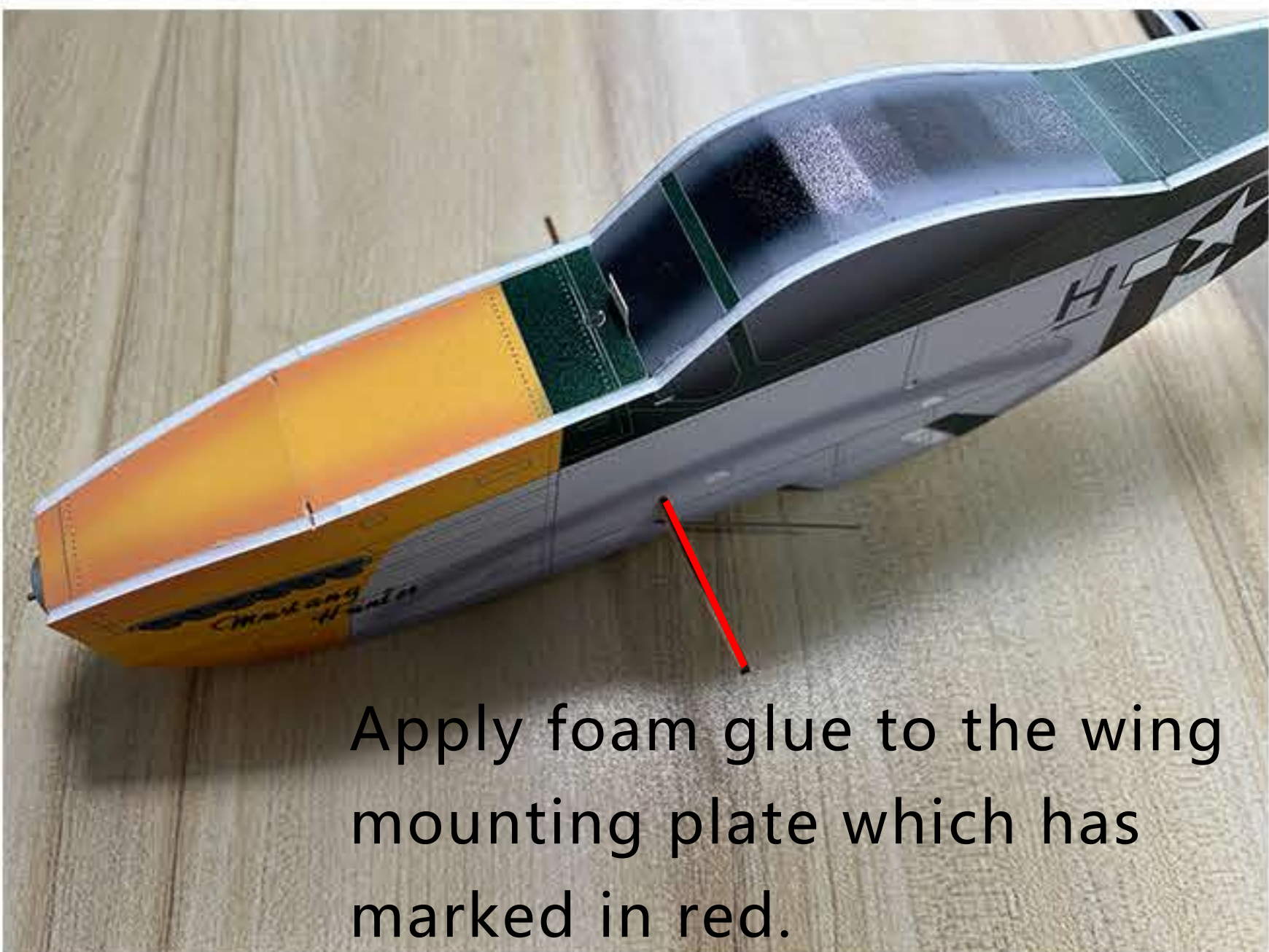
## 6. Install the wings



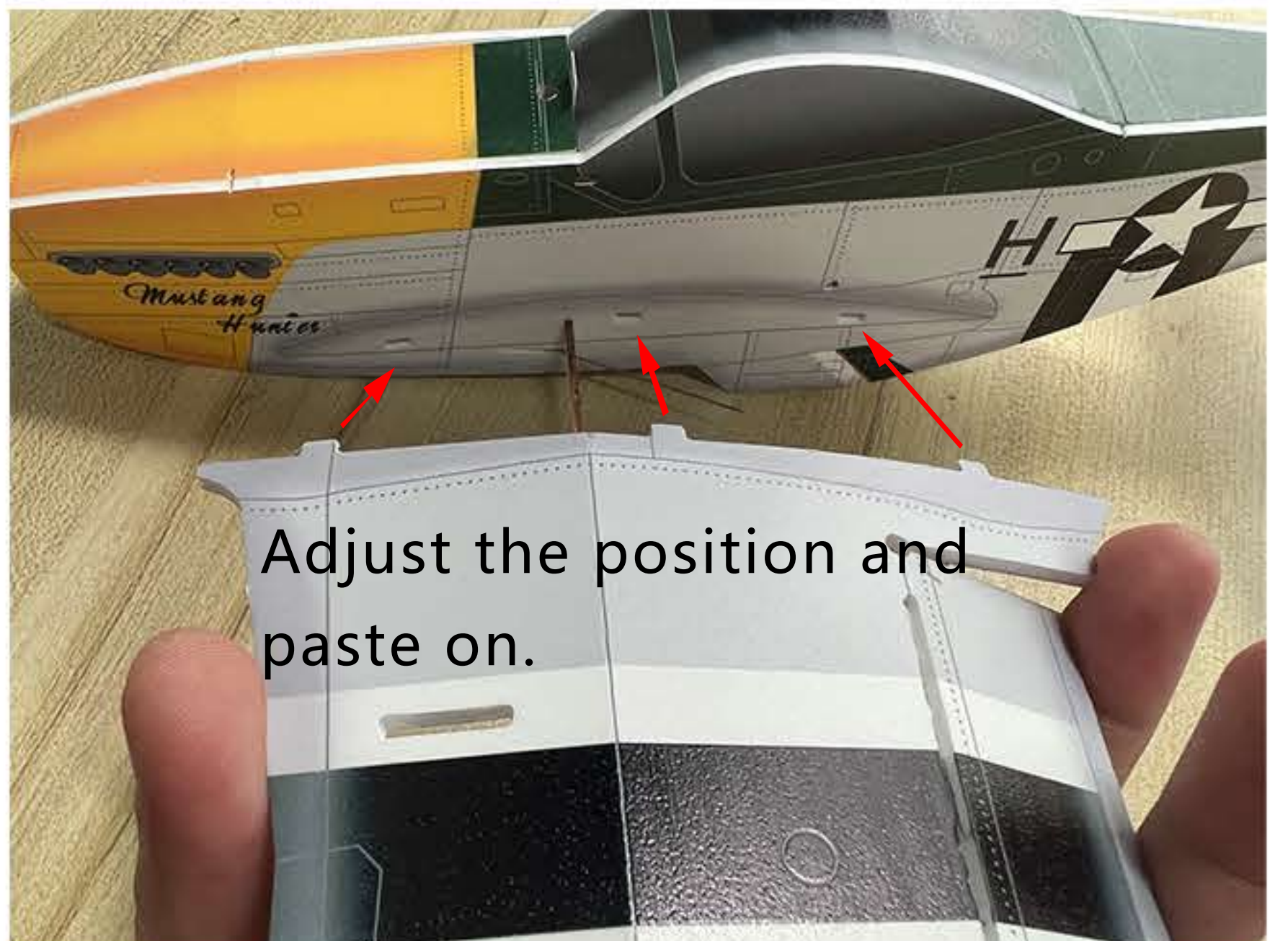
Cut off the No.7 Left wing



Use your hands to bend the wing shape along the line drawn on the back, and apply foam glue to the red marked position

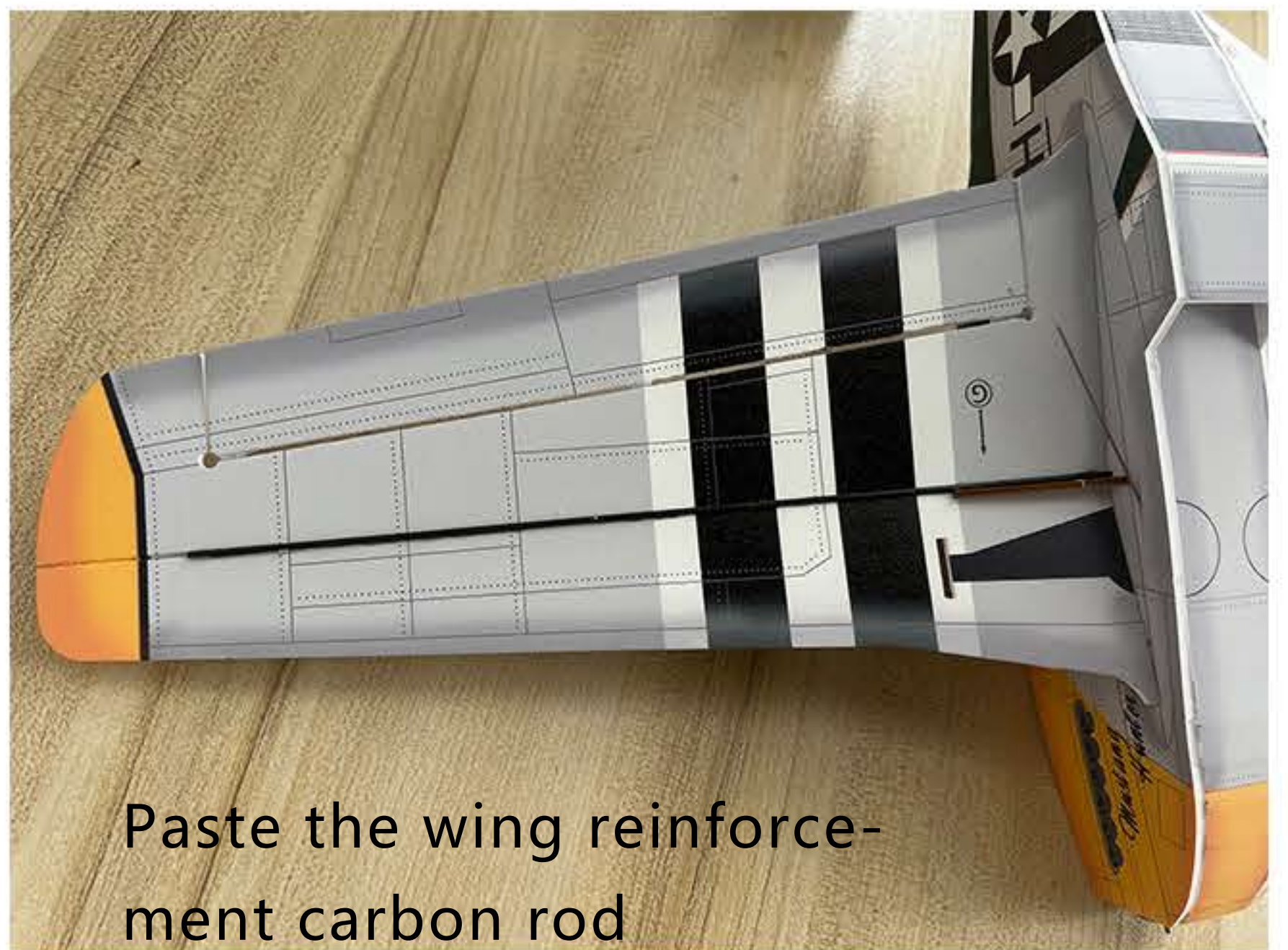
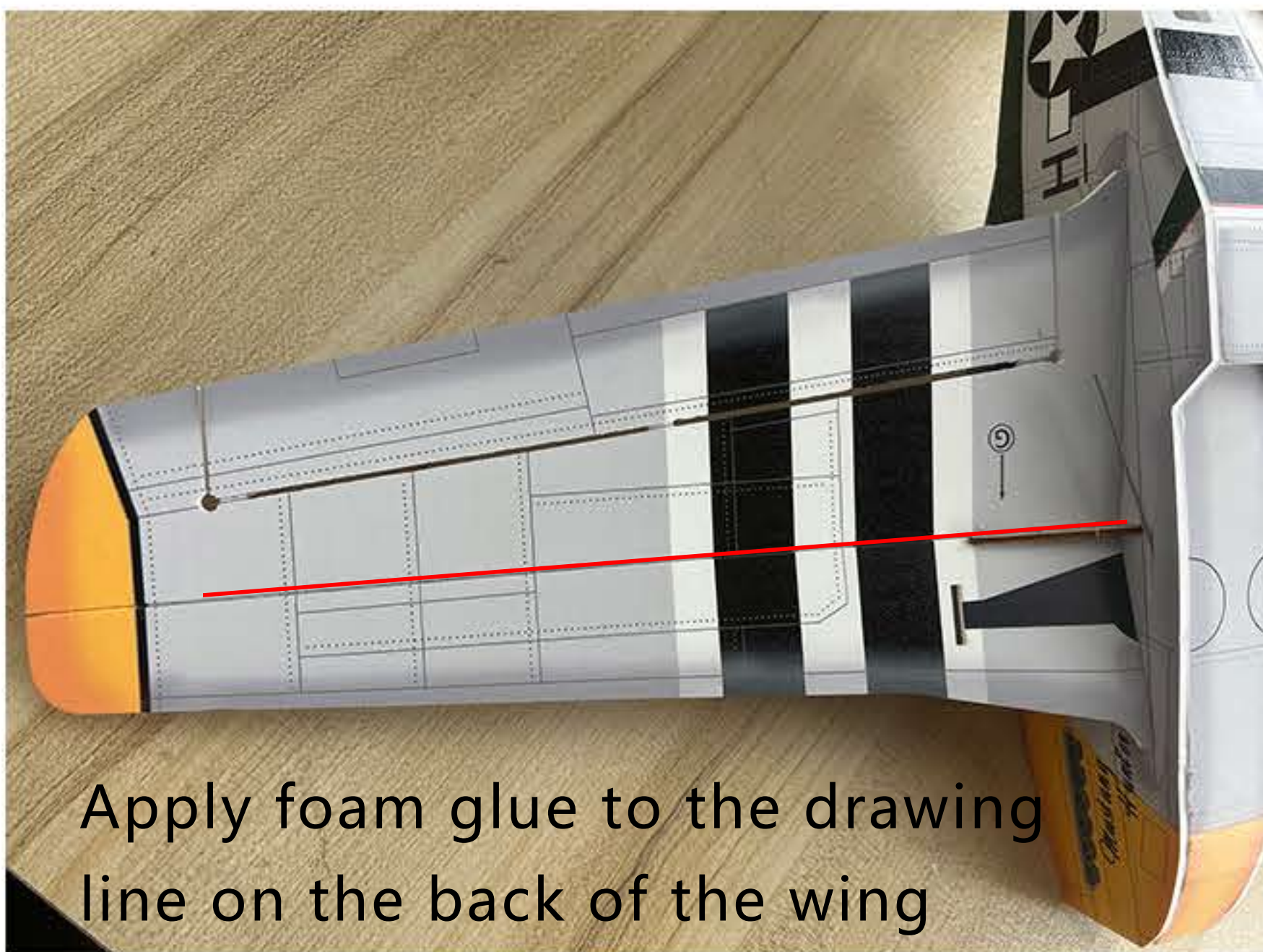
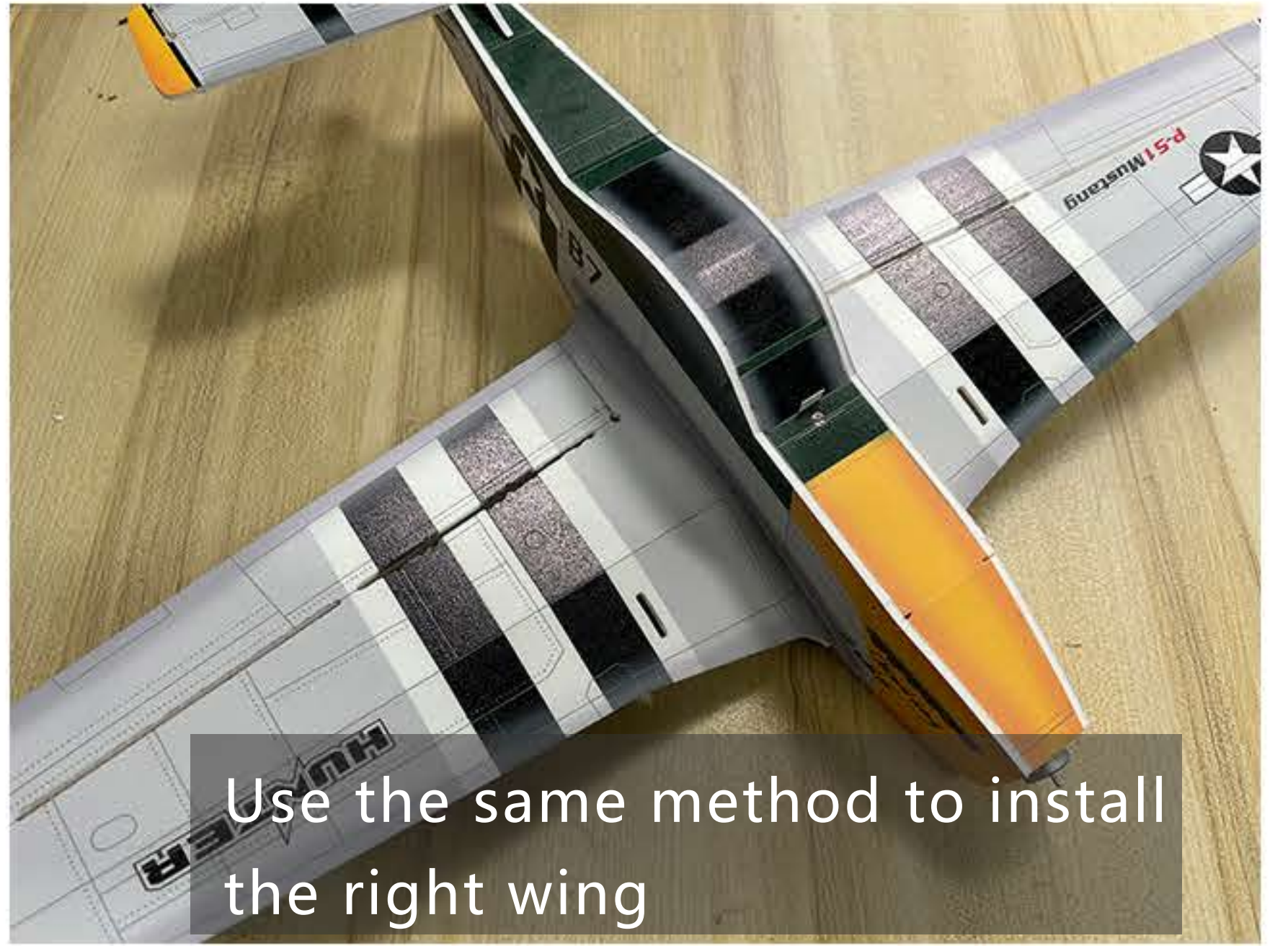
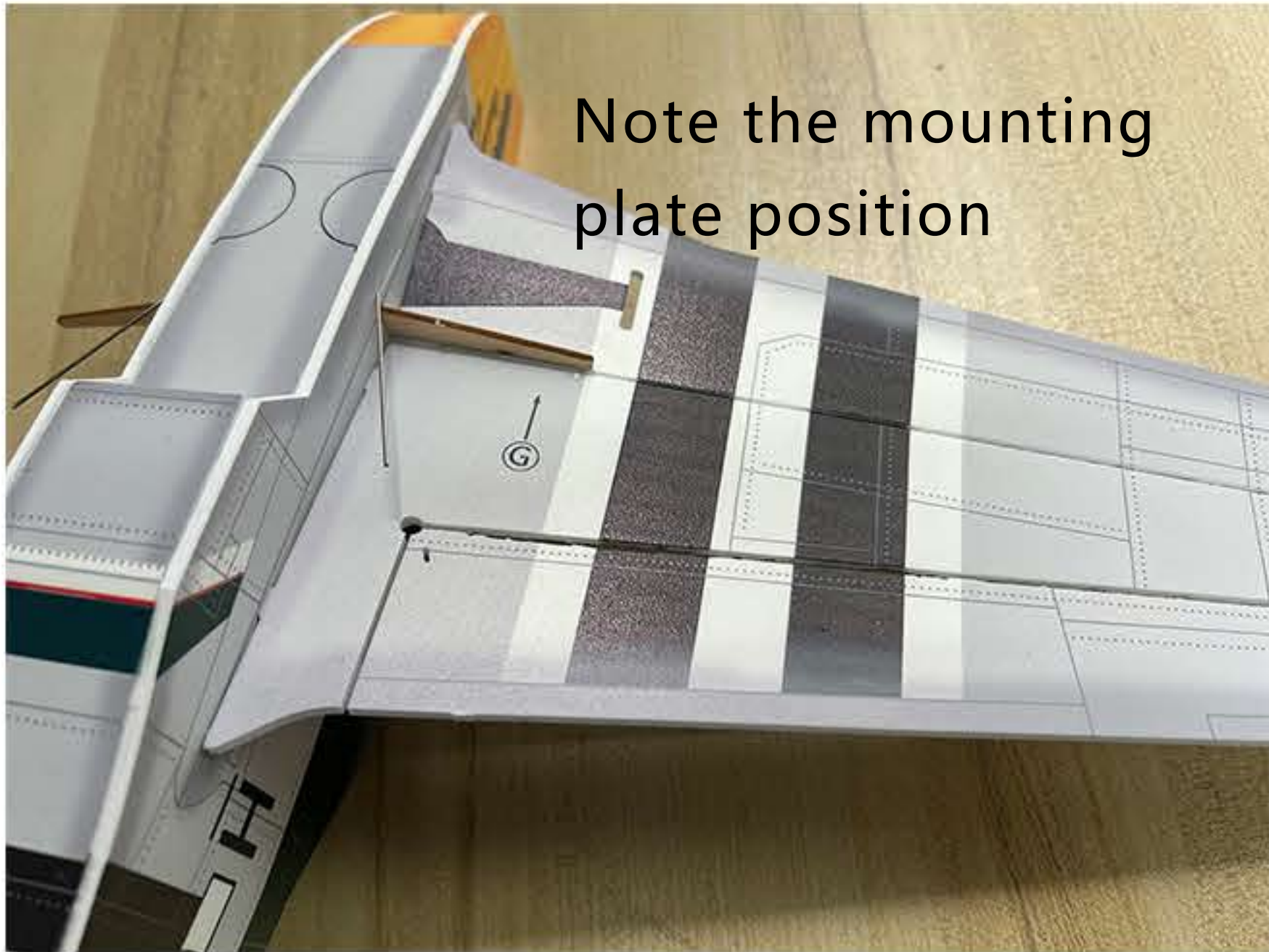


Apply foam glue to the wing mounting plate which has marked in red.



Adjust the position and paste on.





## 7. Install the landing gear





Glue the two axles together with foam glue, Paste it on the wheel with foam glue



Cut off the No.5 and 6 landing gear cover



Find out the landing gear

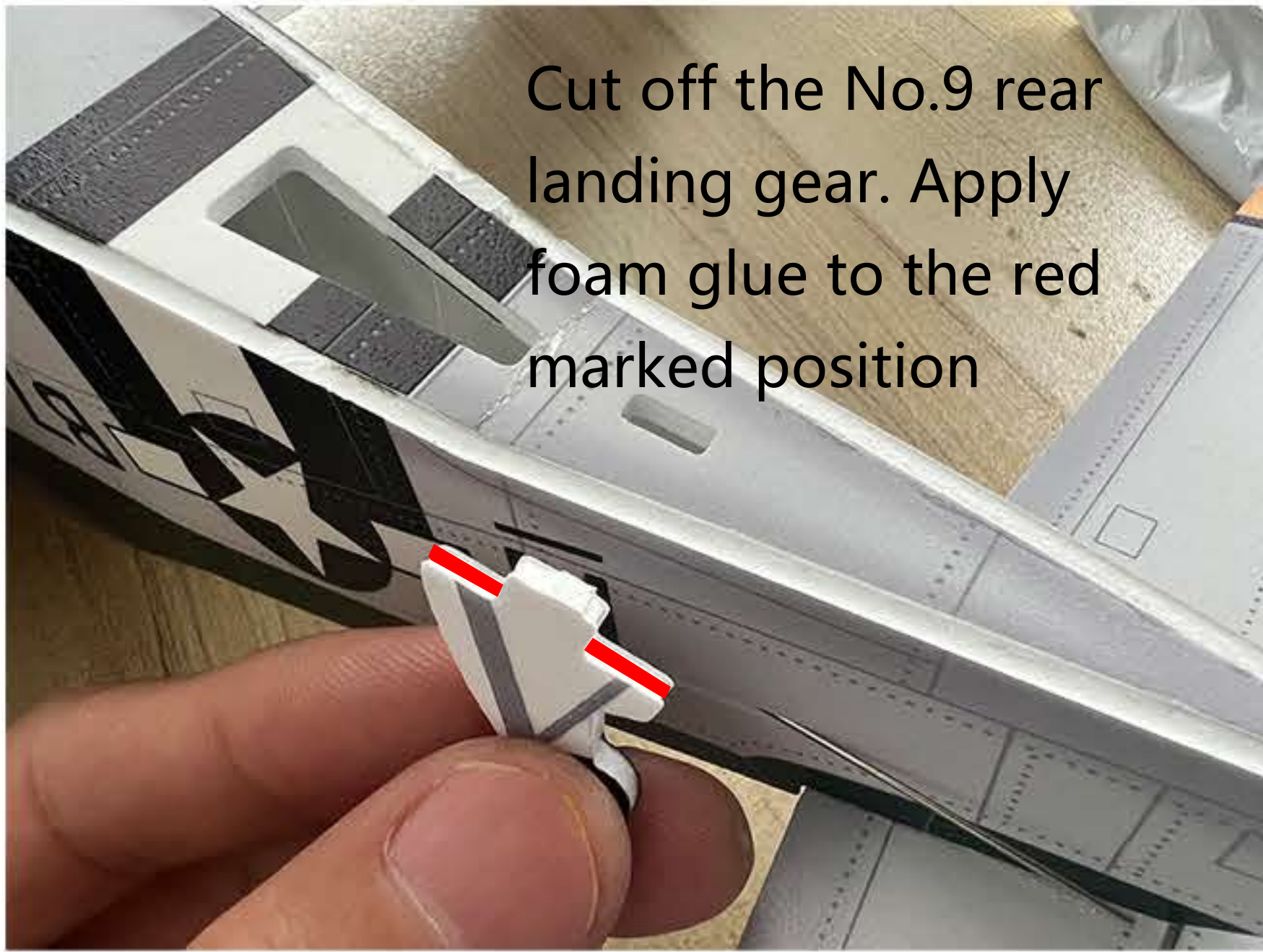


Insert the landing gear to the wheel, apply foam glue to the landing gear cover

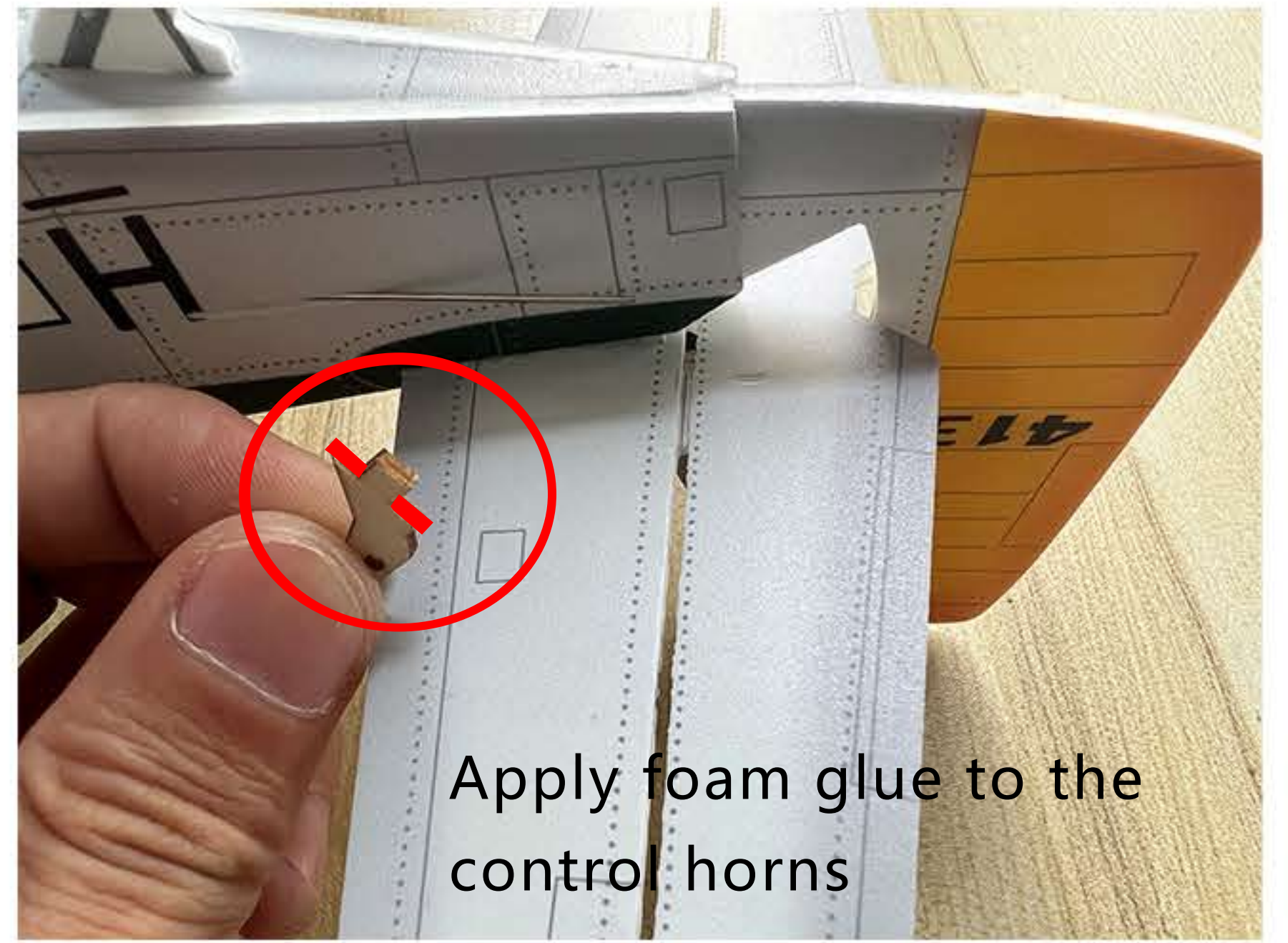


Install the cover





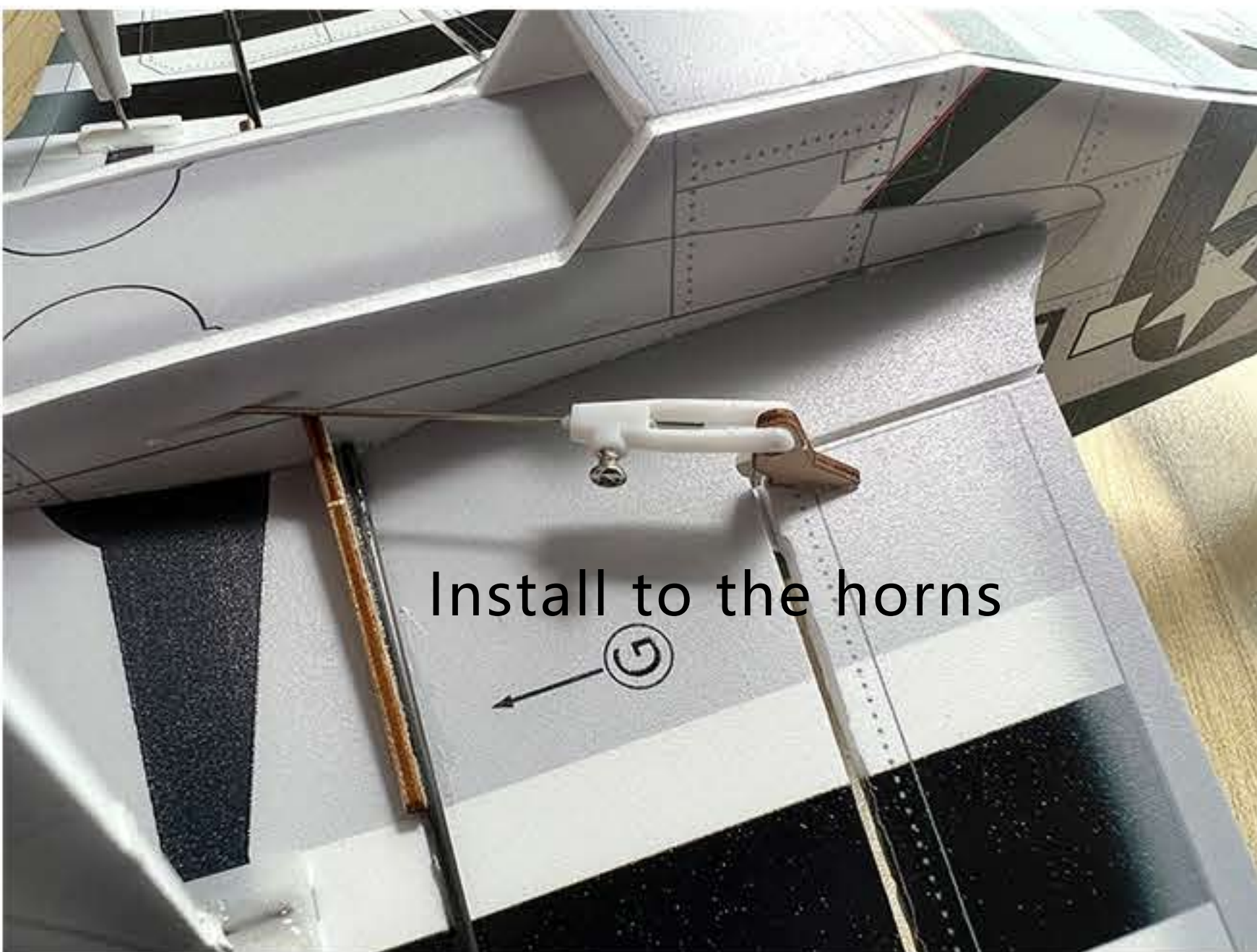
### 8. Install the control horns



Find out the 3 chucks and pre-screw them



Install to the horns

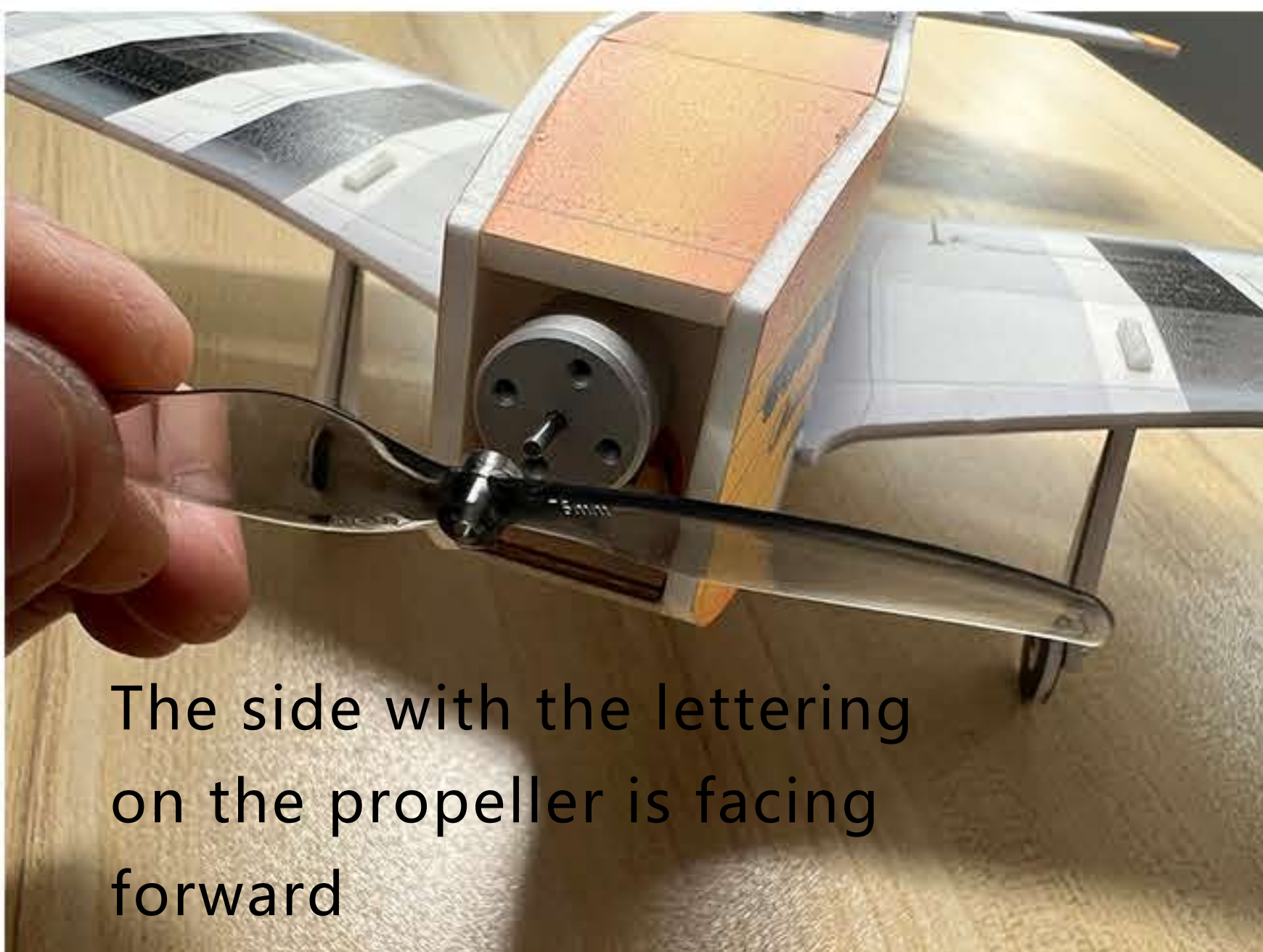


When the aircraft is powered on, level the rudder surface and lock the chuck screw

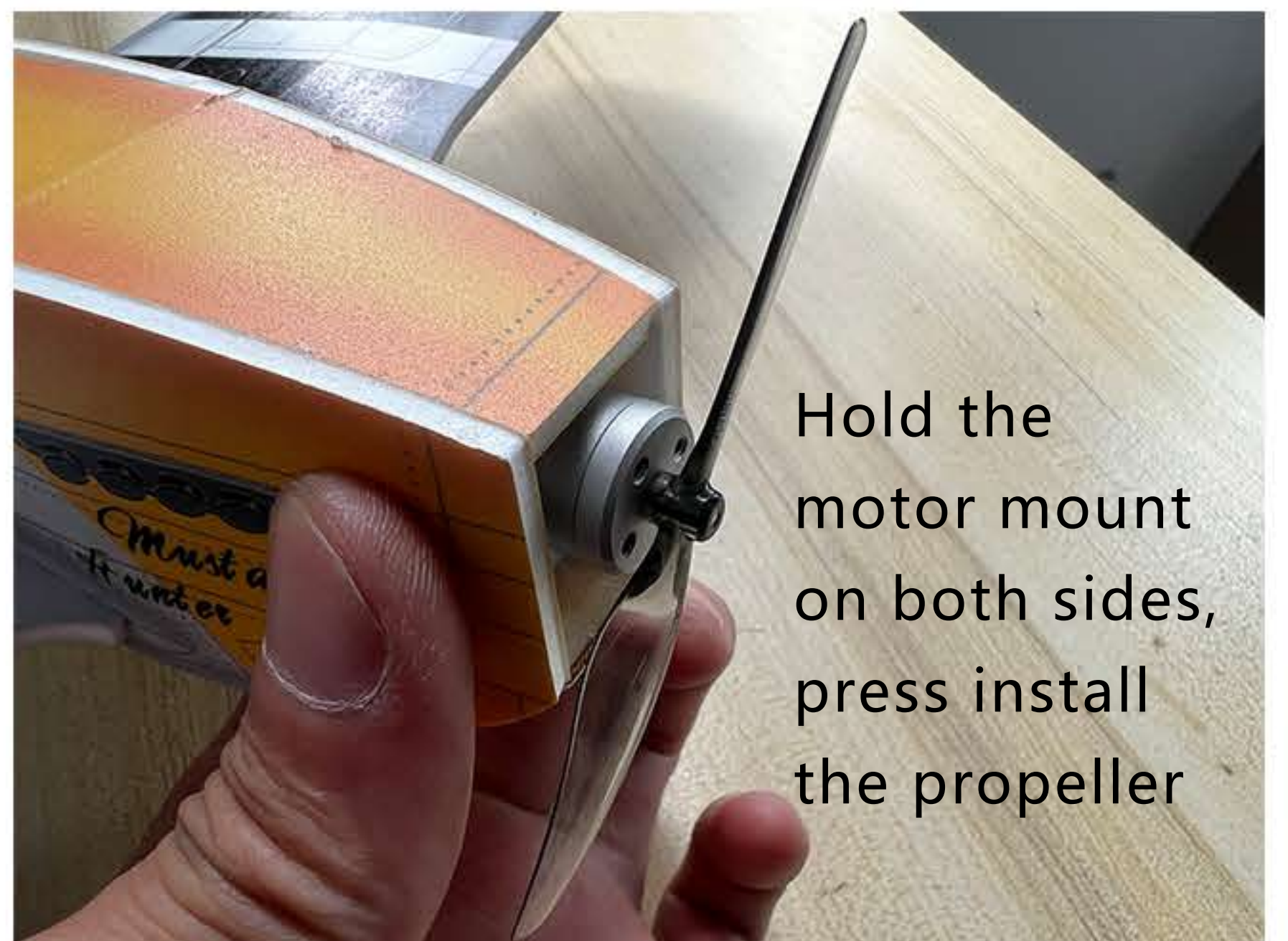


## 9. Install propeller

The side with the lettering on the propeller is facing forward



Hold the motor mount on both sides, press install the propeller



As shown below, the red marked mounting base position of the wing is the center of gravity for the plane.



### 三、 Trial flight

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, 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.

## X6 Radio User Guide



- 5 Safety throttle lock button: Press once to unlock, press once to lock
- 6 Flight mode: Self stabilizing/ manual(default is self-stabilizing mode) Supports to cyclic switching
- 7 Sensitivity switch: High sensitivity/Low sensitivity(default is low) Supports to cyclic switching
- 8 Color switch: Default is red color. ( When using RX1.0 flight controller, it supports to control the variable light color' s output)