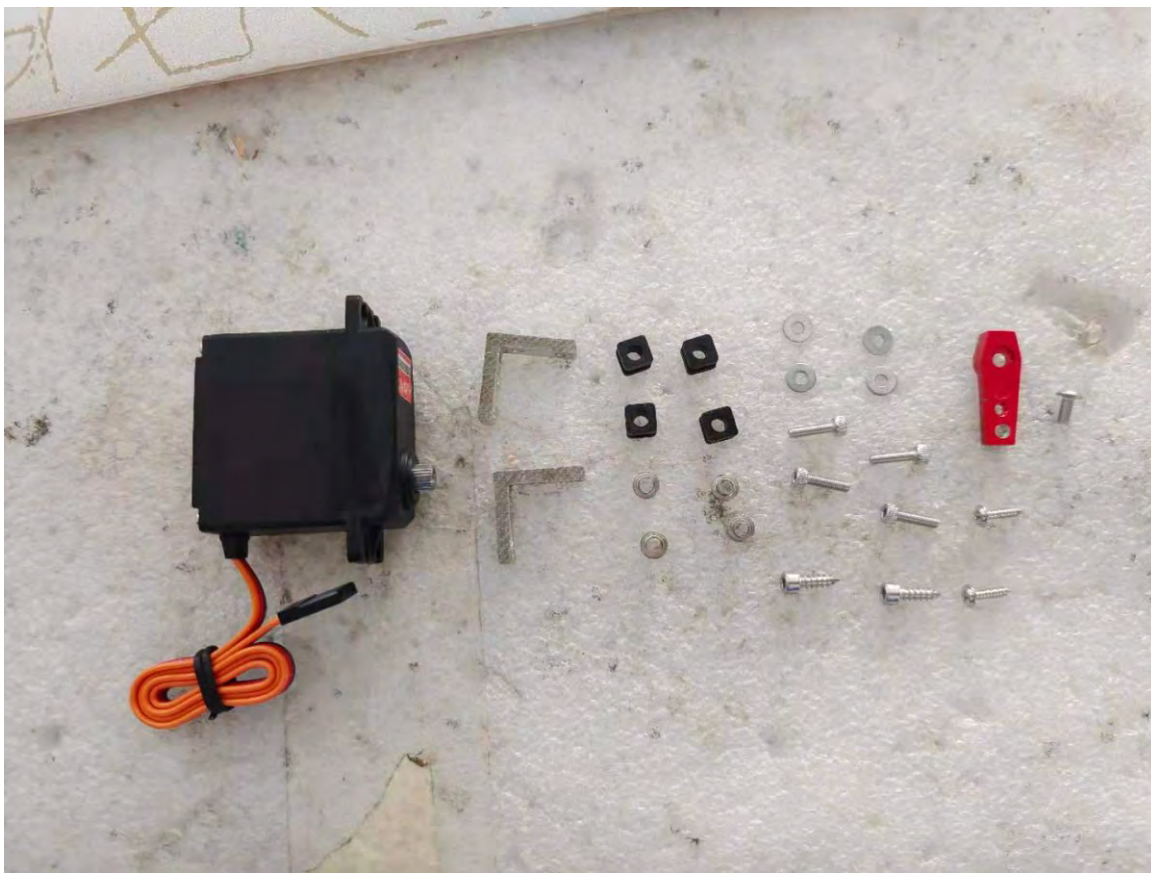


### Specifications

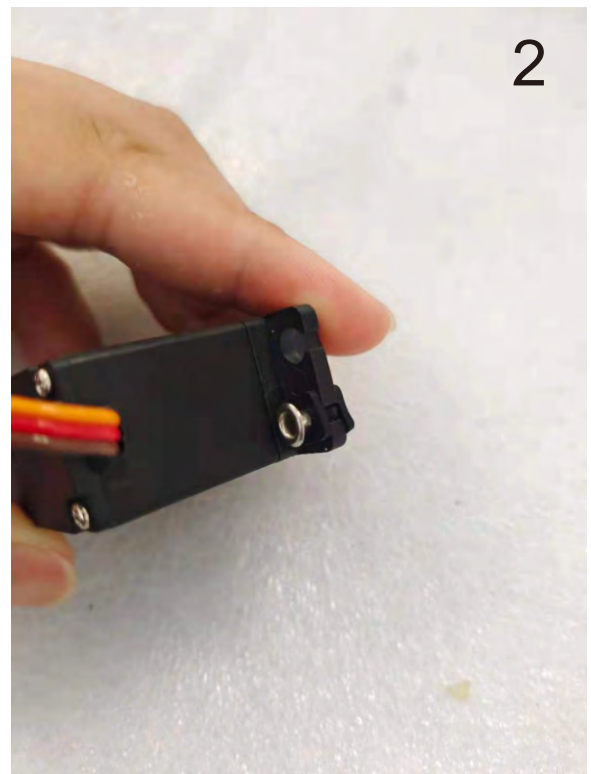
翼展	
Wing span	107.5in/2730mm
机身长度	
Fuselage length	133.9in/3400mm
翼面积	
Wing area	1847.45sp.in/119.19 sp.dm
重量	
Weight	27-30kg
引擎	
Engine	K-100TP or STP10-RX
油箱	
Tank	3000CC

# 舵机支架 的安装步骤

Installation  
steps of servo  
support



1



2

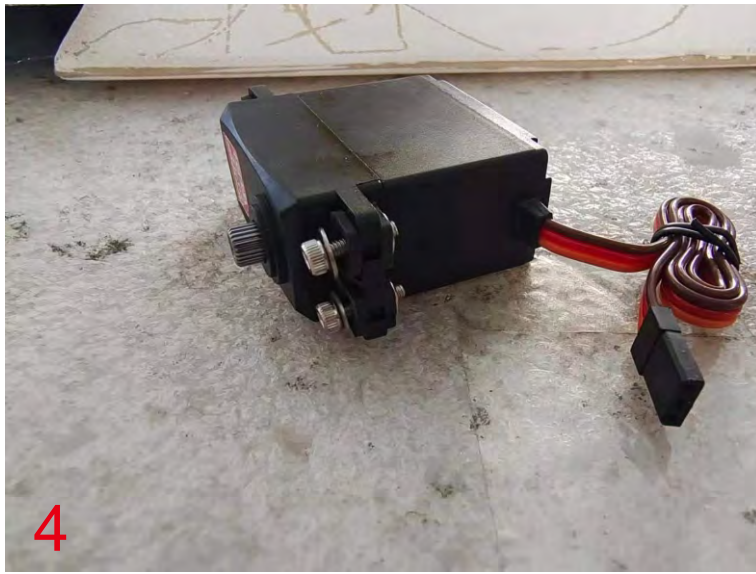


3

1. 2. 3减震橡胶安装  
注：对于发动机震动源  
大的建议安装减震橡胶

1. 2. 3Damping rubber installation  
Note: For engine vibration sources  
For larger ones, install  
shock-absorbing rubber





4 如图  
螺丝规格：M2.5x10内六角  
垫圈规格： $\phi 2.6 \times 7 \times 0.5$

4 As shown  
Screw specification: M2.5x10  
inner hexagon  
Washer specifications:  $\phi 2.6 \times 7 \times 0.5$



5.6 如图  
先确认舵机输出轴的安装  
位置，再确定安装支架的  
方向。

**注：要在螺纹上涂抹适量的  
中等强度螺丝锁固剂**

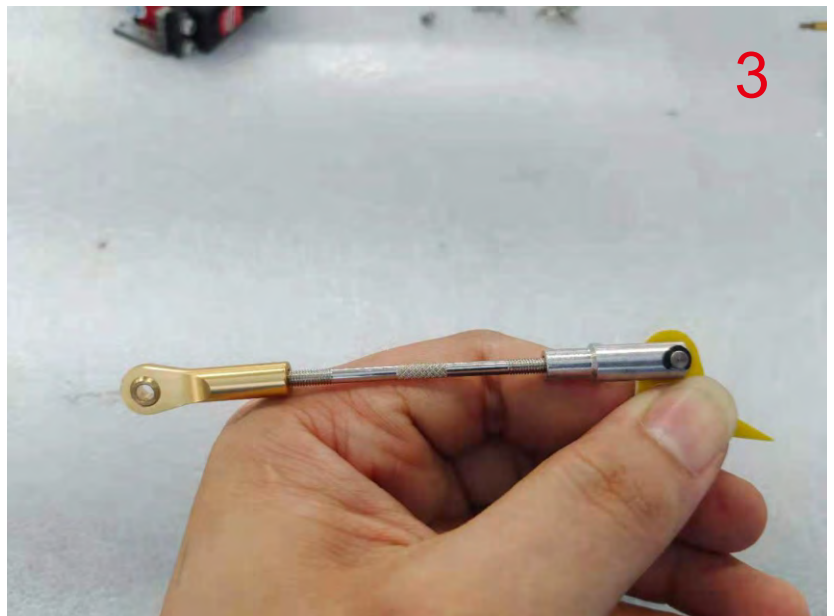
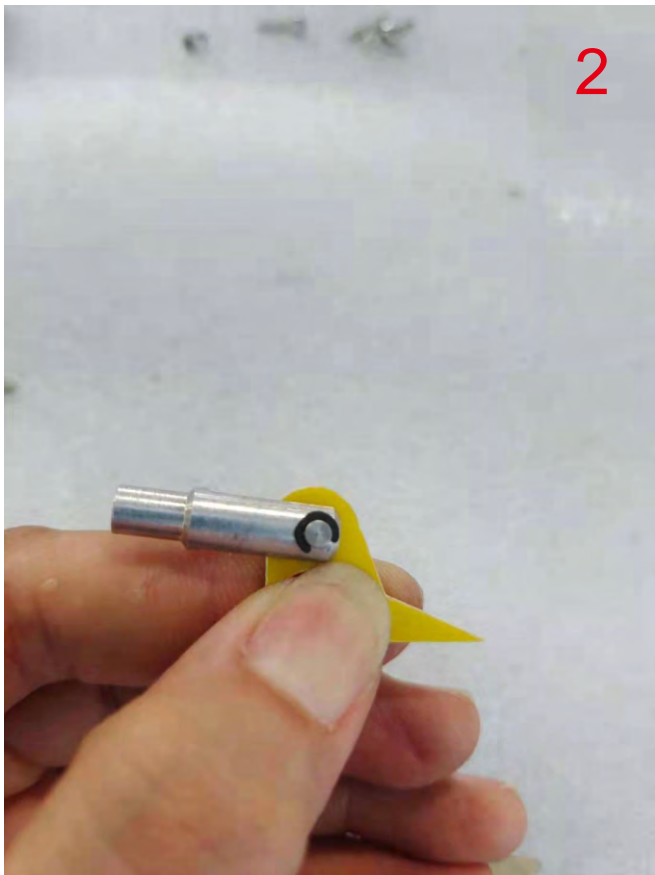
5.6 As shown  
output shaftPosition, and then  
determineFirst confirm the  
installation of the servo motor  
the mounting bracketDirection.  
**Note:Apply a moderate amount  
of medium-strength thread locking  
agent on the threads**





# 推杆安装

## Push rod installation

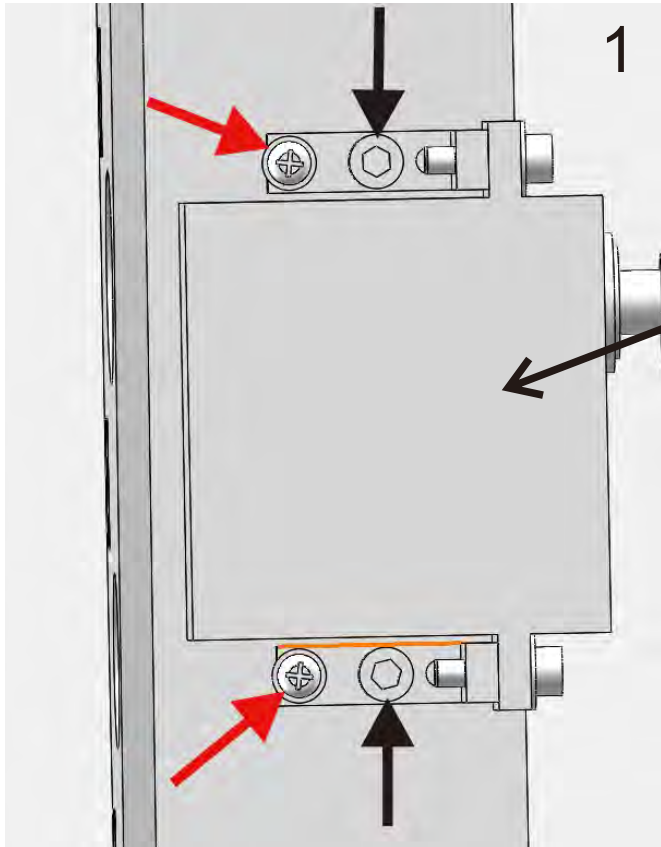


# 副翼舵机安装

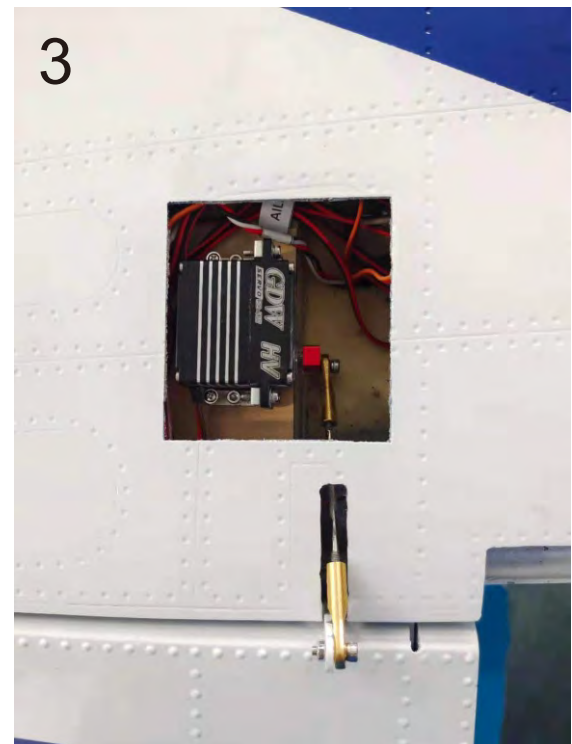
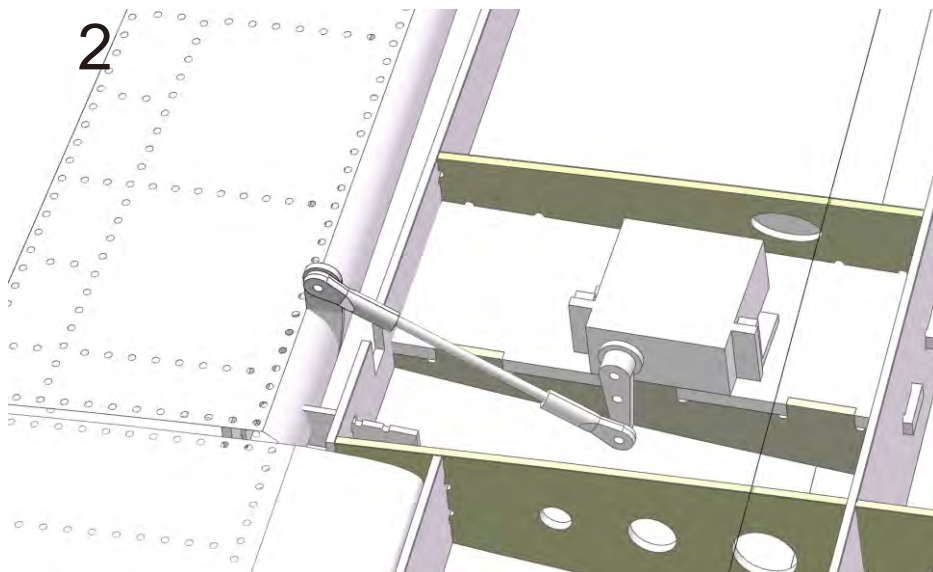
## Aileron servo installation

如图1黑色箭头指的螺丝规格：M3x10内六角自攻螺丝  
红色箭头指的螺丝规格：M2x10十字自攻螺丝

As shown in Figure 1, the black arrow refers to the screw specification: M3x10 hexagon socket self-tapping screw  
The red arrow refers to the screw specification: M2x10 Phillips self-tapping screw



标准舵机  
Standard Servo





# 襟翼舵机安装

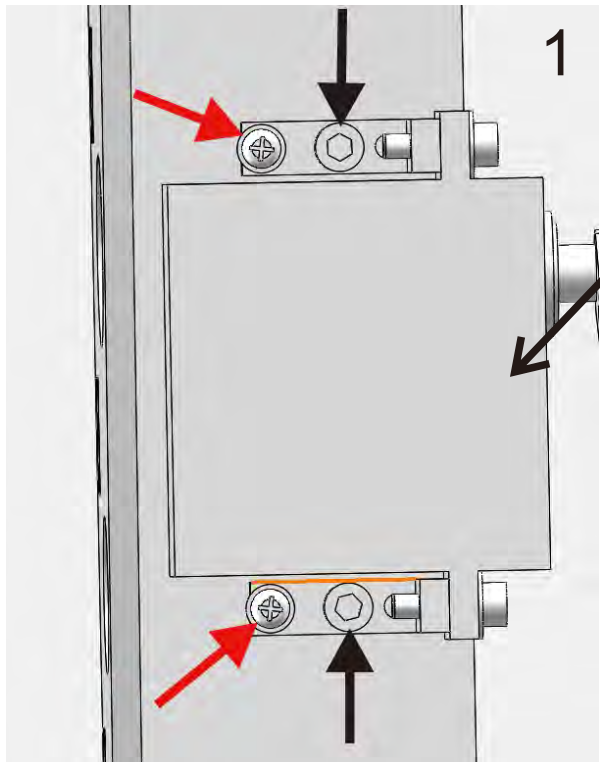
## Flap servo installation

如图1黑色箭头指的螺丝规格：M3x10内六角自攻螺丝红色箭头指的螺丝规格：M2x10十字自攻螺丝

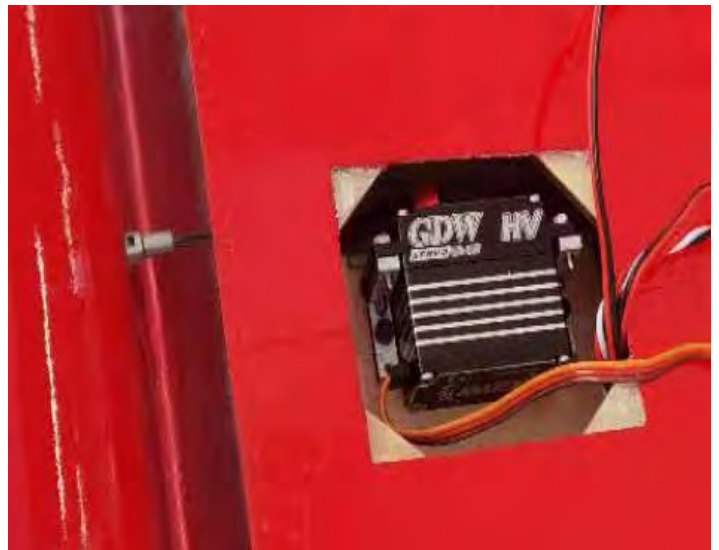
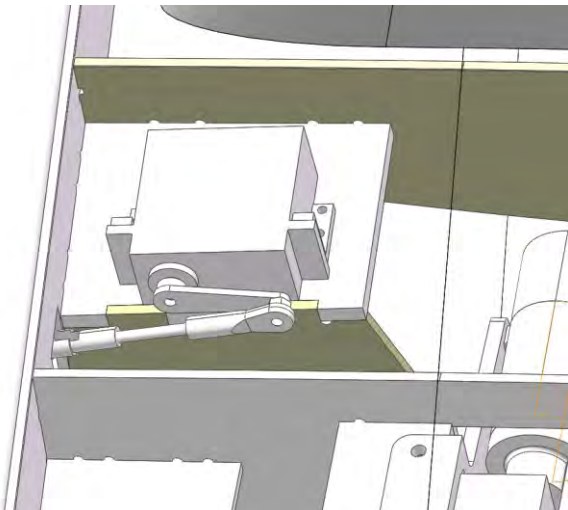
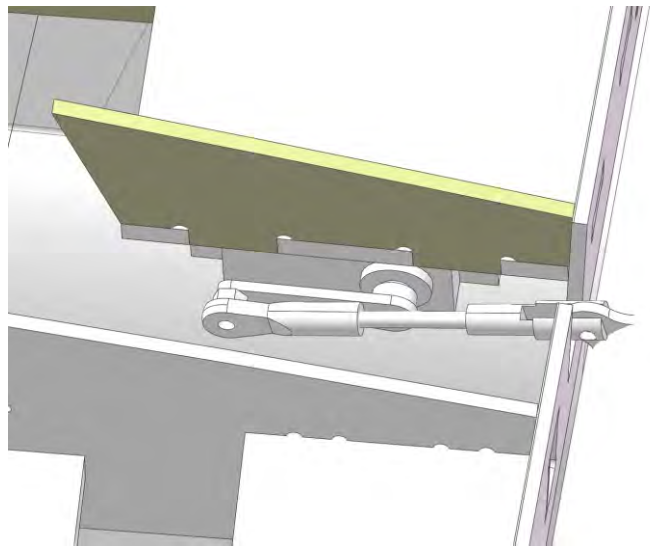
As shown in Figure 1, the black arrow refers to the screw specification: M3x10 hexagon socket self-tapping screw The red arrow refers to the screw specification: M2x10 Phillips self-tapping screw

注：调试襟翼收紧后，舵机的行程量再适当的退一些，让襟翼适当的松一点，以免憋舵，损坏舵机。

Note: After the adjustment flaps are tightened, the stroke of the steering gear should be properly retracted, and the flaps should be loosened appropriately to avoid jamming the steering gear and damaging the steering gear.



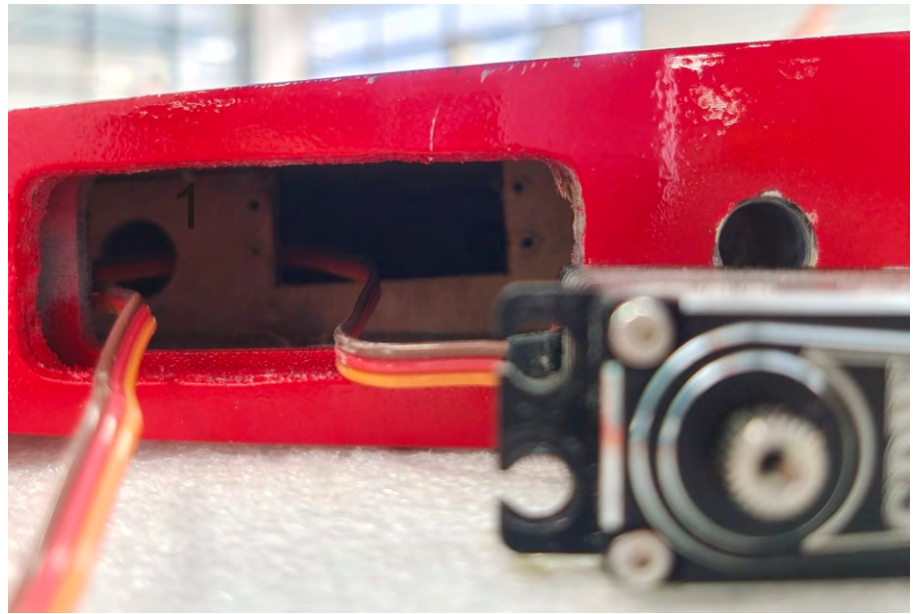
标准舵机  
Standard Servo



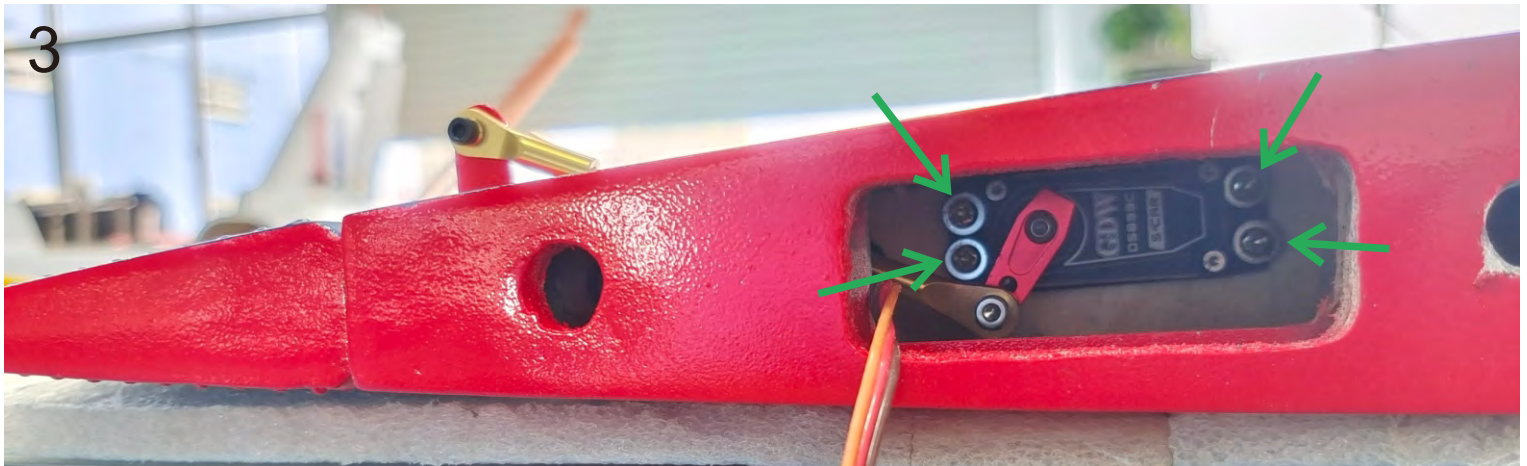
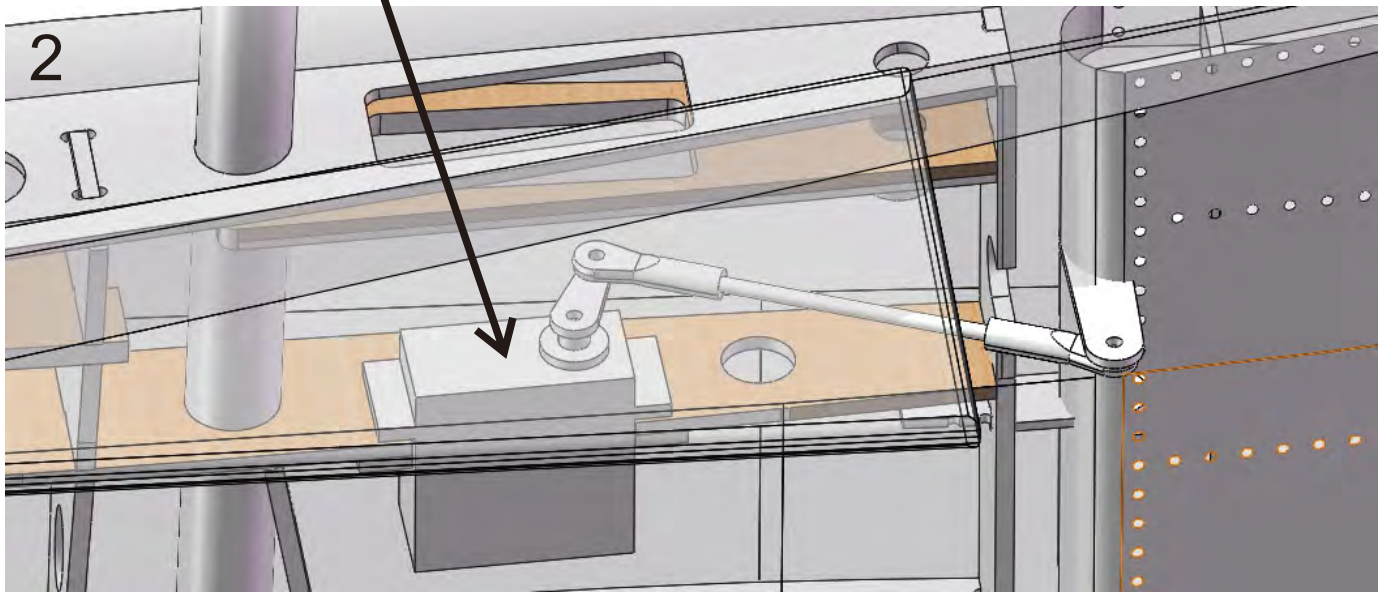
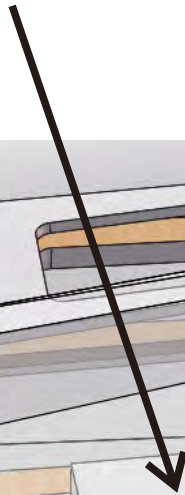
# 水平尾舵机安装 Horizontal stable surface steering gear installation

固定舵机的螺丝规格：M3X10mm十字自攻螺丝，图3绿色箭头所示。

The screw specification for fixing the servo: M3X10mm Phillips self-tapping screw, as shown by the green arrow in Figure 3.



标准舵机  
Standard Servo



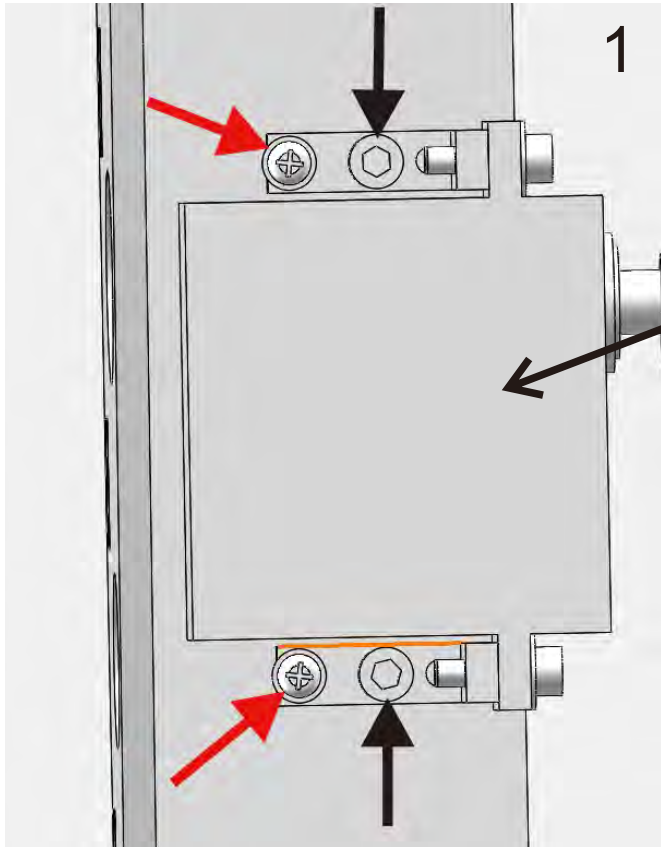


# 方向舵舵机安装

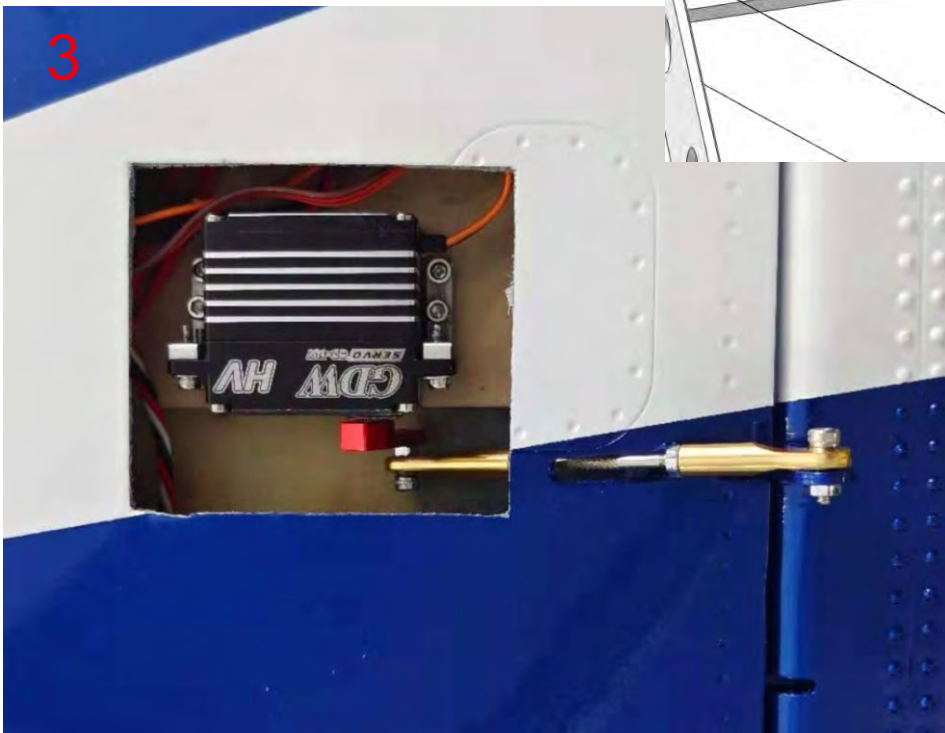
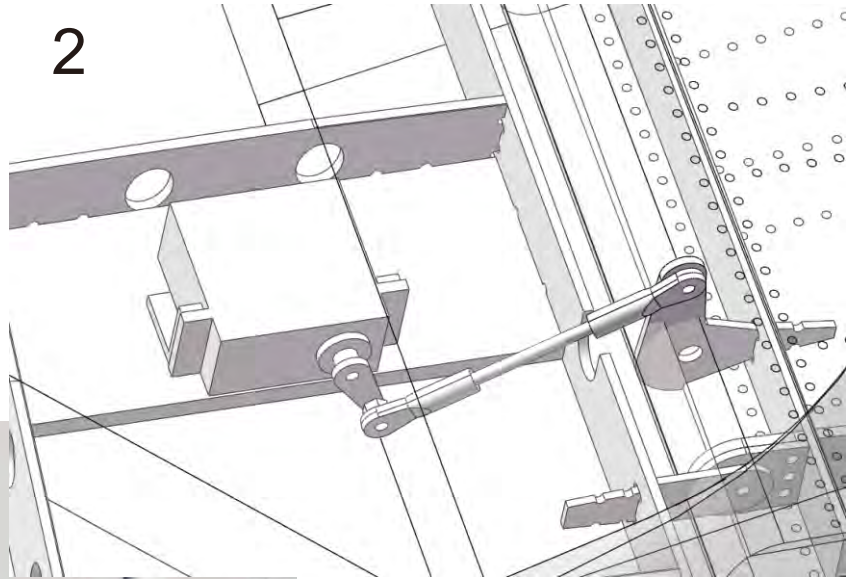
## Rudder servo installation

如图1黑色箭头指的螺丝规格：M3x10内六角自攻螺丝  
红色箭头指的螺丝规格：M2x10十字自攻螺丝

As shown in Figure 1, the black arrow refers to the screw specification: M3x10 hexagon socket self-tapping screw  
The red arrow refers to the screw specification: M2x10 Phillips self-tapping screw



标准舵机  
Standard Servo





# 起落架舱门舵机安装

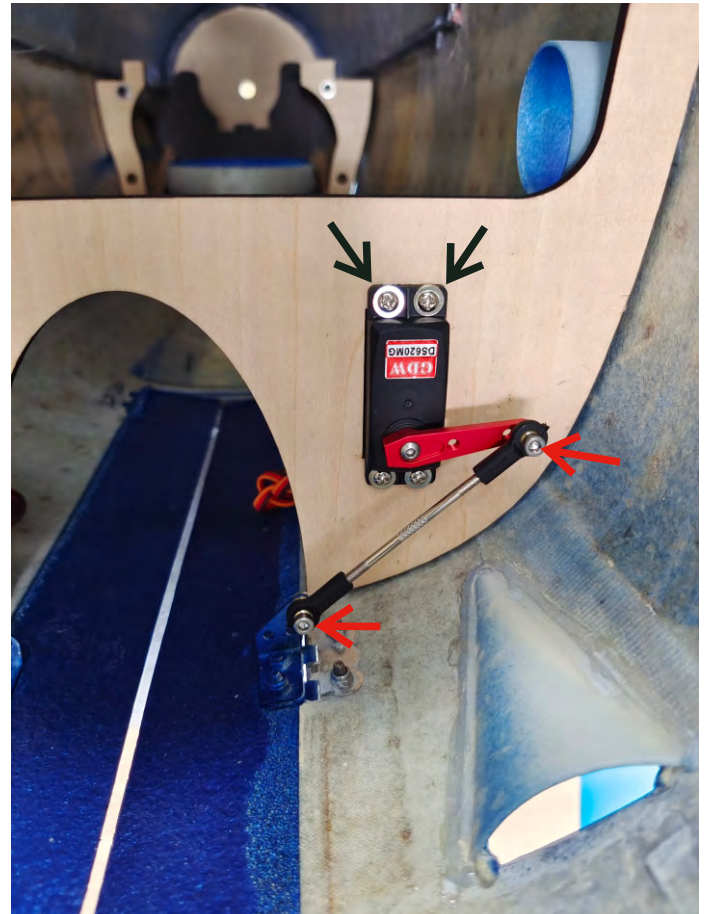
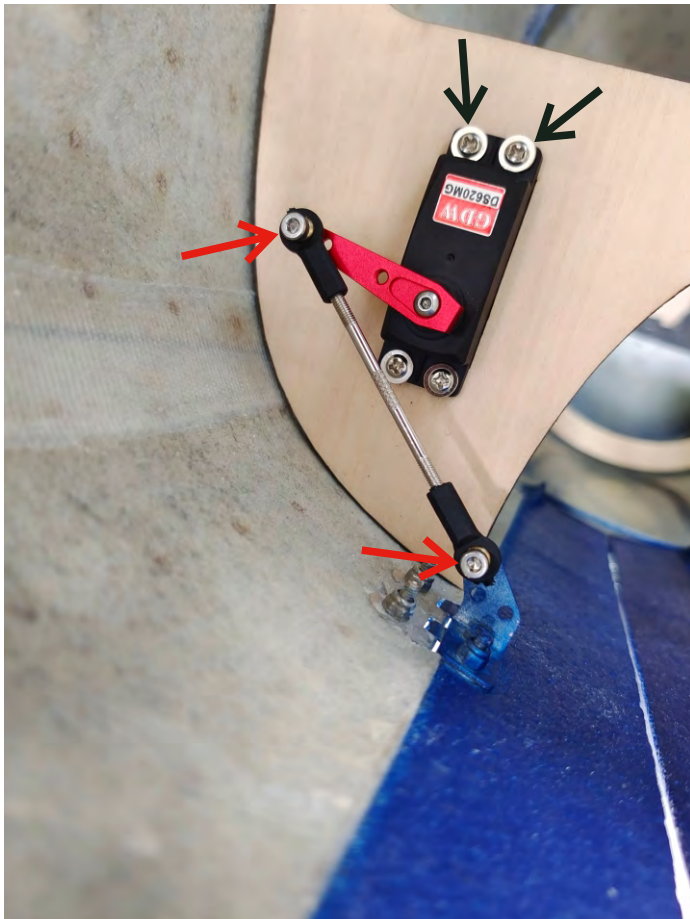
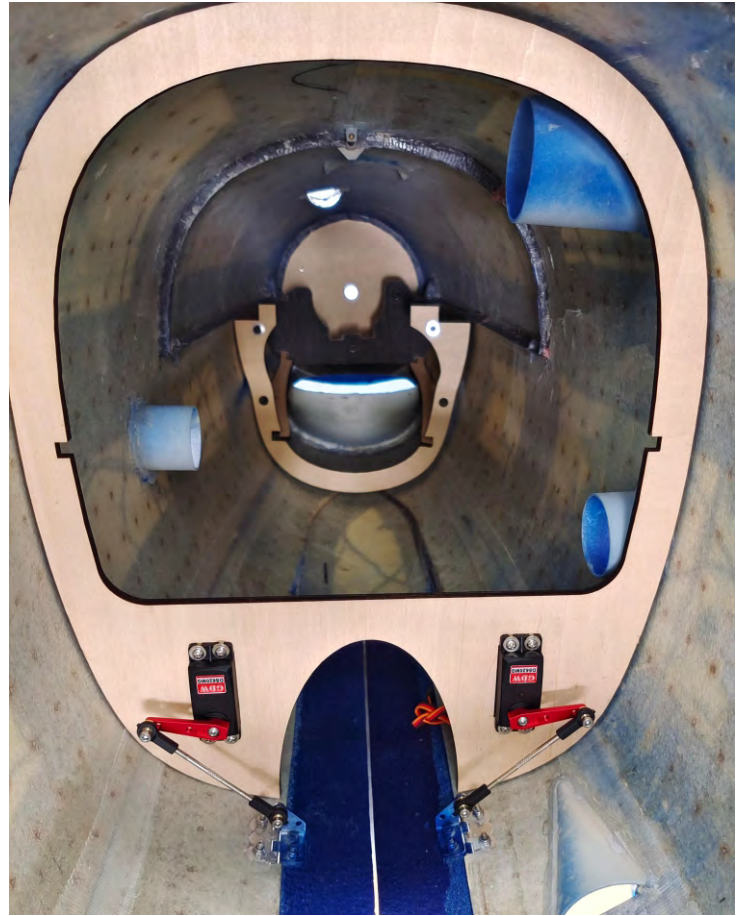
## Servo installation of landing gear door

舵机使用螺丝规格：  
M3X10十字自攻螺丝固定，如图中黑色箭头。

The steering gear uses screw specifications: M3X10 Phillips self-tapping screws are fixed, as shown in the black arrow.

红色箭头所示的螺丝规格：  
M3x10内六角螺丝。

The screw specification shown by the red arrow: M3x10 hexagon socket screw.

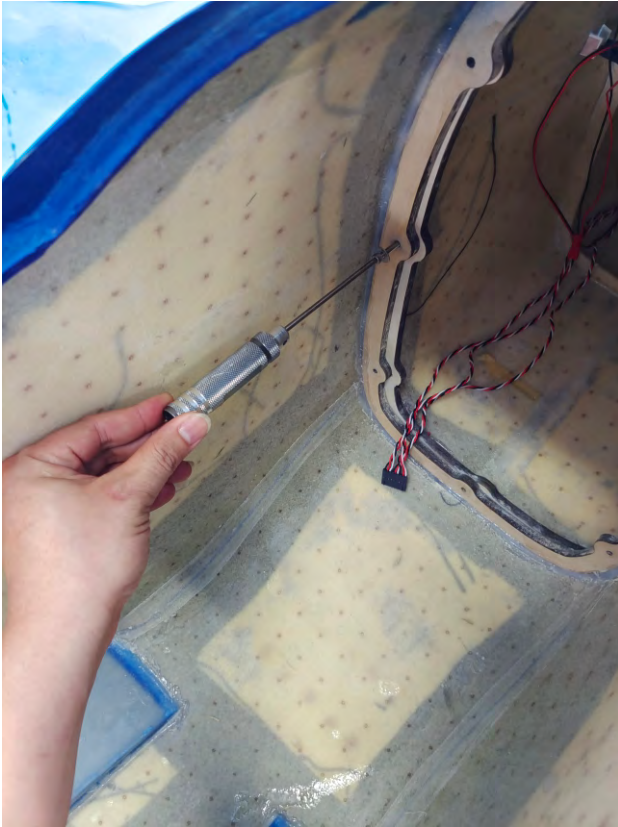




# 前后机身对接 Front and rear fuselage docking

如图红色箭头，需要8颗螺丝规格：M4x25mm内六角螺丝。使用3.0mm六角螺丝刀依次拧紧8颗螺丝

As shown in the red arrow, 8 screws are required: M4x25mm hexagon socket screws. Use a 3.0mm hex screwdriver to tighten 8 screws in sequence





# 主机翼与机身对接

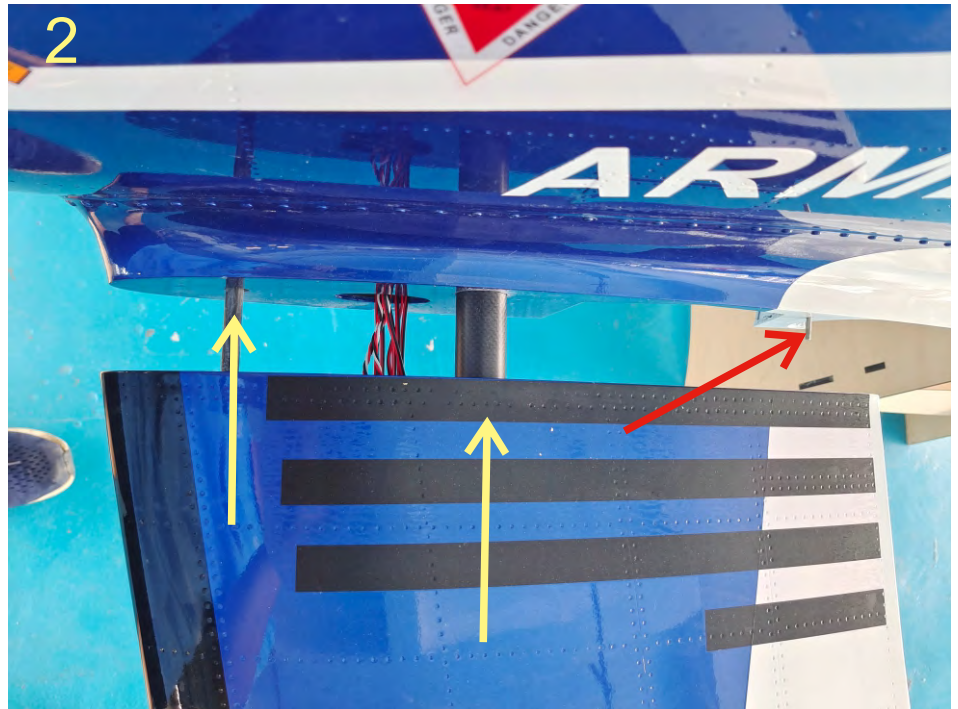
## Main wing and fuselage docking

- ① 主机翼使用的是  $\phi 30 \times 1380 \text{mm}$  碳纤维管将两个机翼对接到机身上。  
② 如图2红箭头所示，螺丝规格：M4x25mm内六角螺丝，对应的螺丝孔是在机翼上。机翼机身对接到位后使用3.0六角螺丝刀在机身里用适当的力拧紧，如图4所示。



- ③ 如图3红圈所示，机翼机身对接到位后，在机身下表面有颗孔，用2.5六角螺丝刀插入，用适当的力拧紧。

- ① The main wing uses  $\phi 30 \times 1380 \text{mm}$  carbon fiber tubes to connect the two wings to the fuselage. ② As shown by the red arrow in Figure 2, the screw specification: M4x25mm hexagon socket screw, the corresponding screw hole is on the wing. After the wing fuselage is docked in place, use a 3.0 hex screwdriver to tighten it from the inside of the fuselage, as shown in Figure 4. ③ As shown by the red circle in Figure 3, after the wing fuselage is docked in place, there is a hole on the lower surface of the fuselage. Insert it with a 2.5 hex screwdriver and tighten it with appropriate force.





# 水平尾与机身对接

## Docking the horizontal tail and the fuselage

- ①如图1所示，将水平尾上的孔位对应机身上的碳纤维管插入，并对接到位。
- ②对接到位后，在水平尾下表面有两个孔（图中绿色箭头），用2.5六角螺丝刀插入，用适当的力拧紧即可。

① As shown in Figure 1, insert the hole on the horizontal tail corresponding to the carbon fiber tube on the fuselage, and connect it in place.

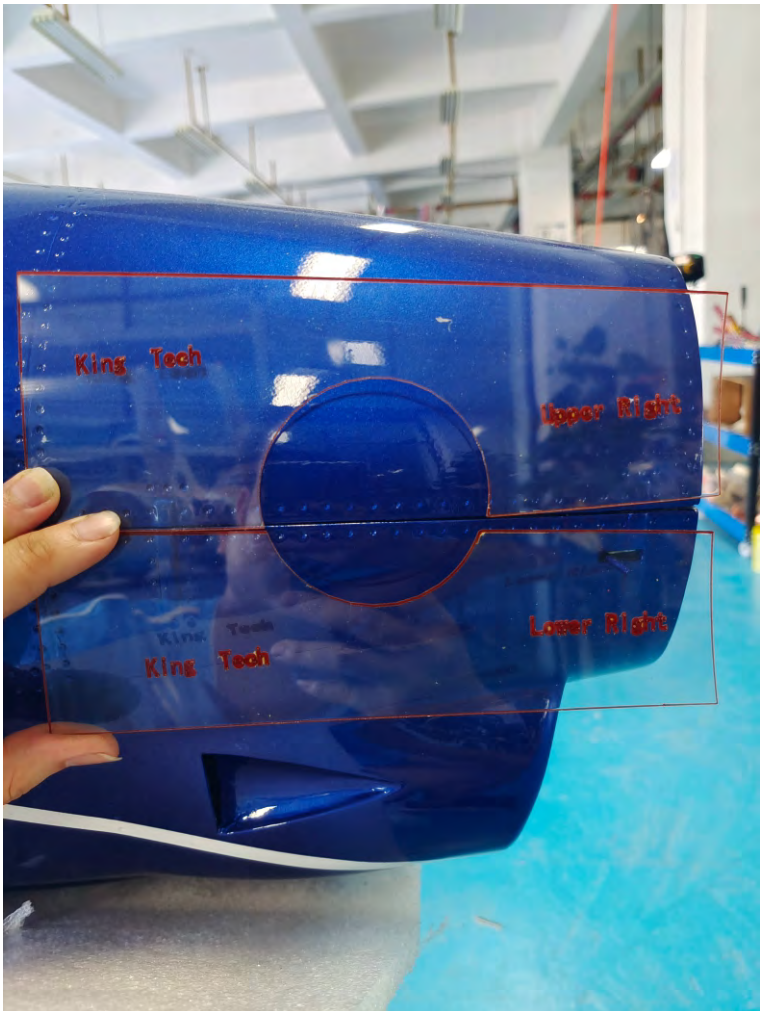
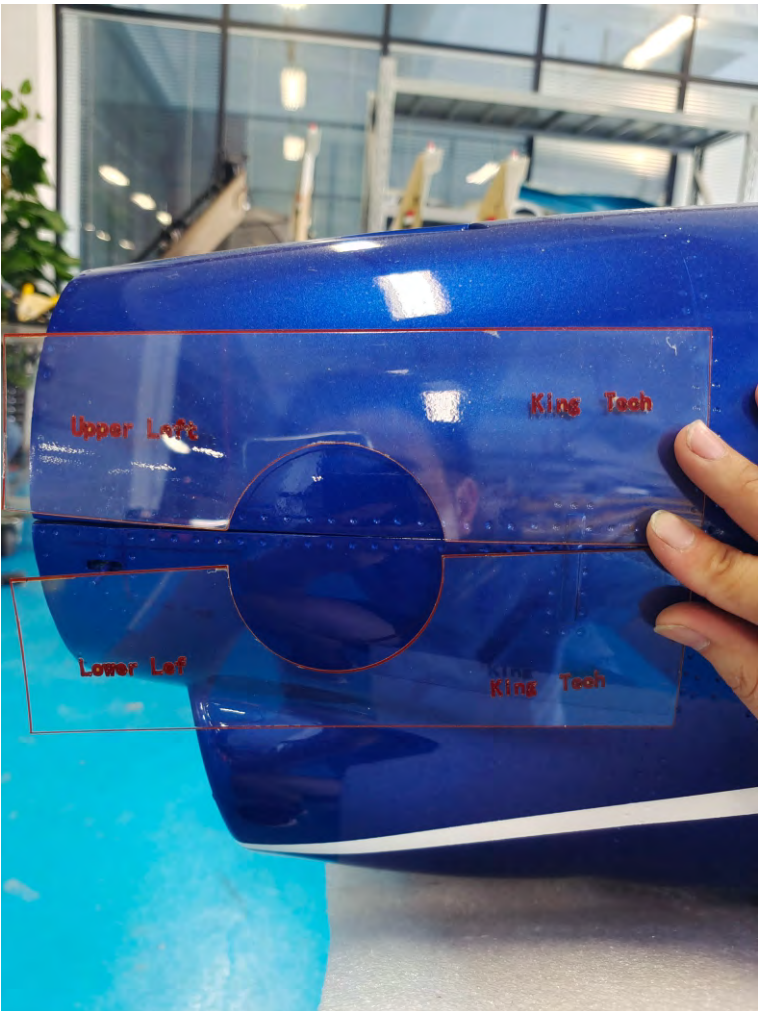
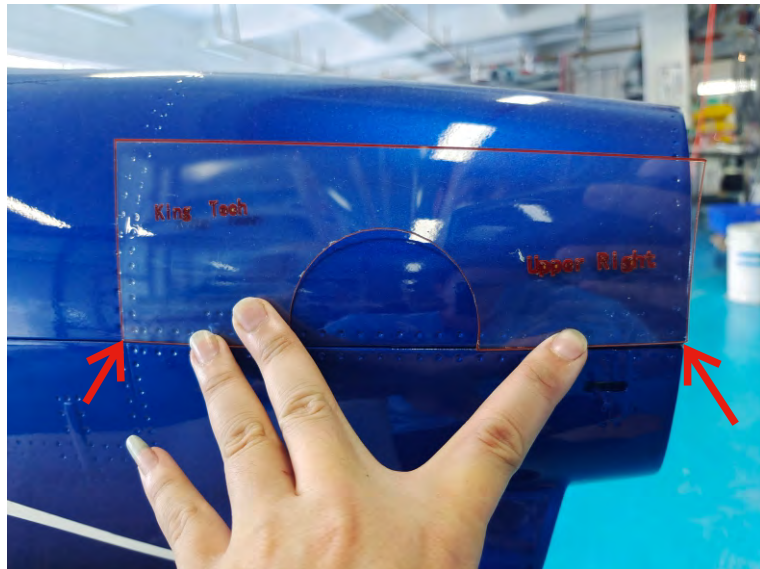
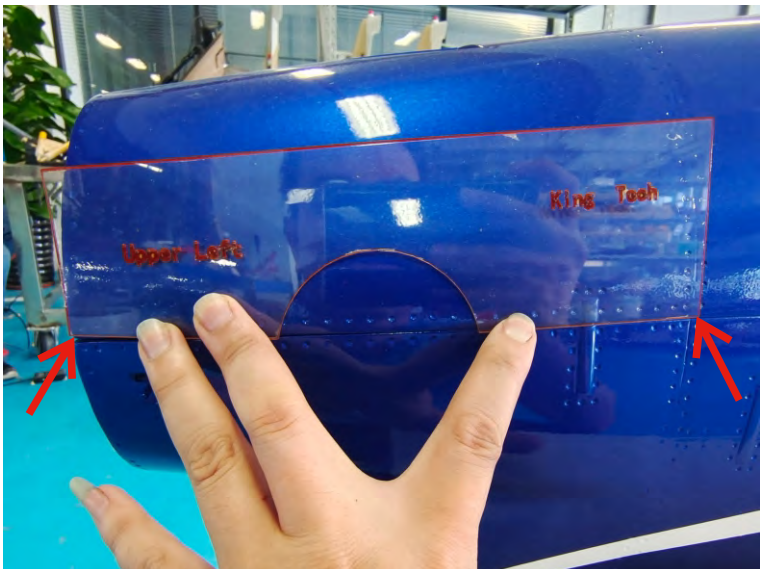
② After docking, there are two holes on the lower surface of the horizontal tail (the green arrow in the picture), insert it with a 2.5 hex screwdriver, and tighten it with appropriate force.





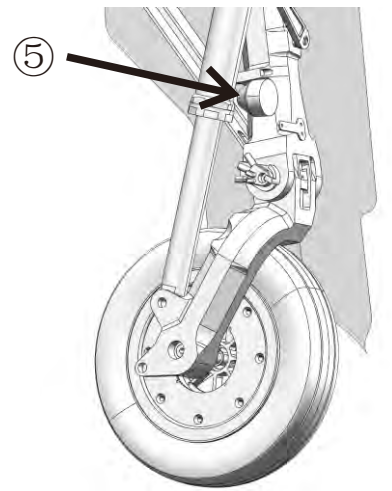
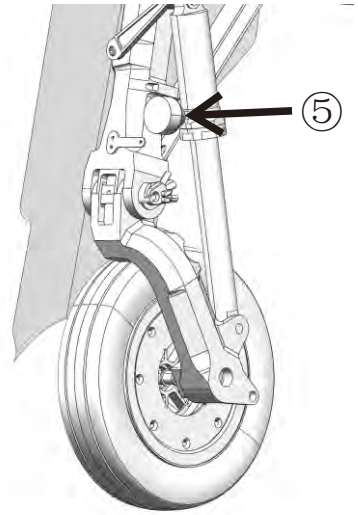
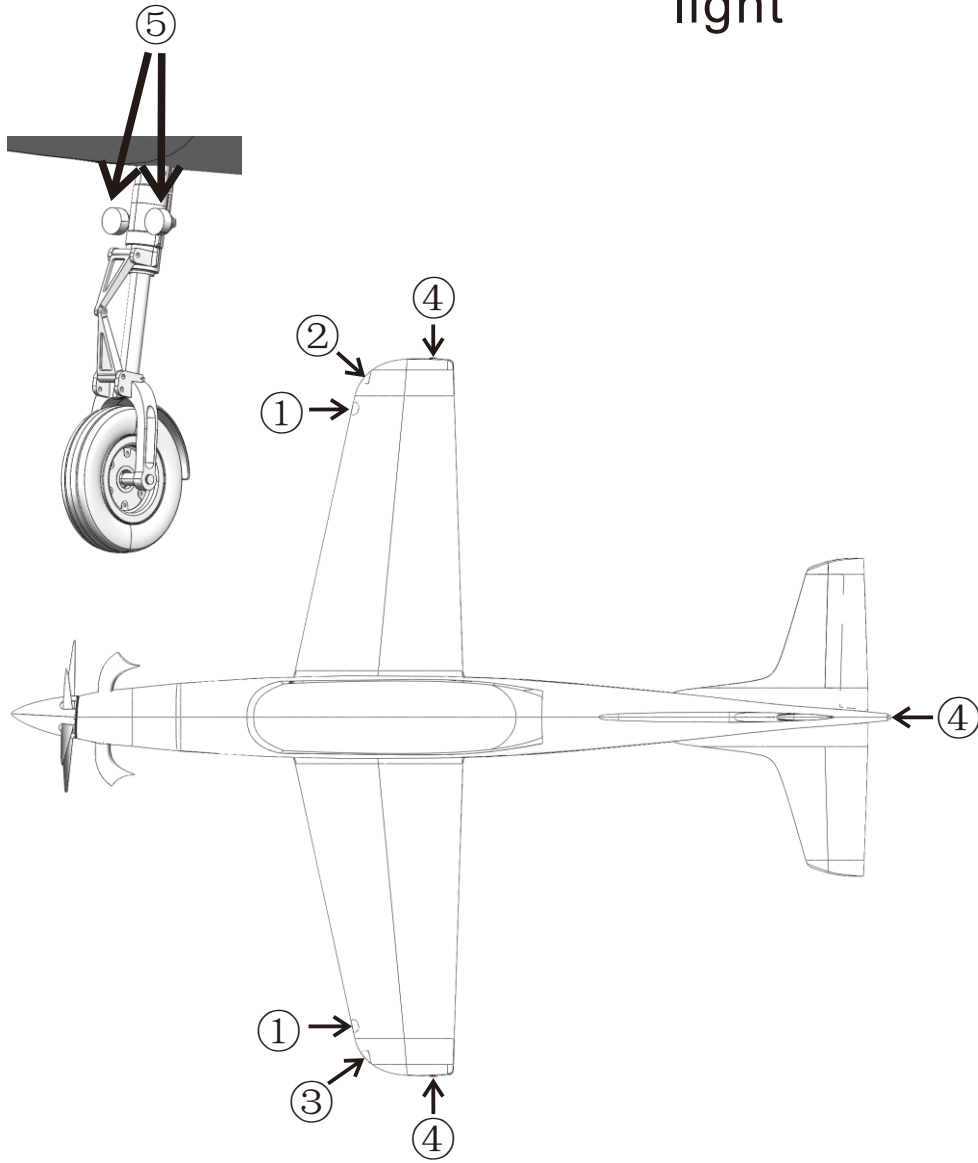
# 排气管口切割

## Exhaust nozzle cutting





# 航灯 light

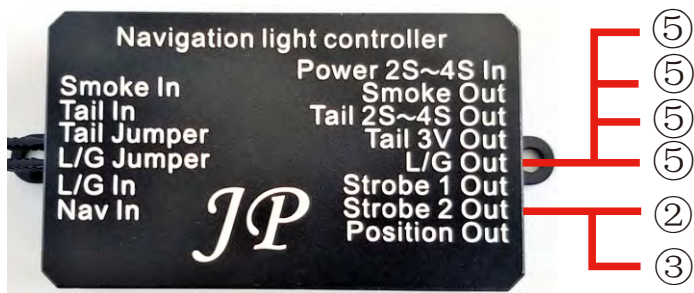


白 White light: ① ④    红 Red light: ③    绿 Green light: ②

着陆灯  
Landing lights: ⑤

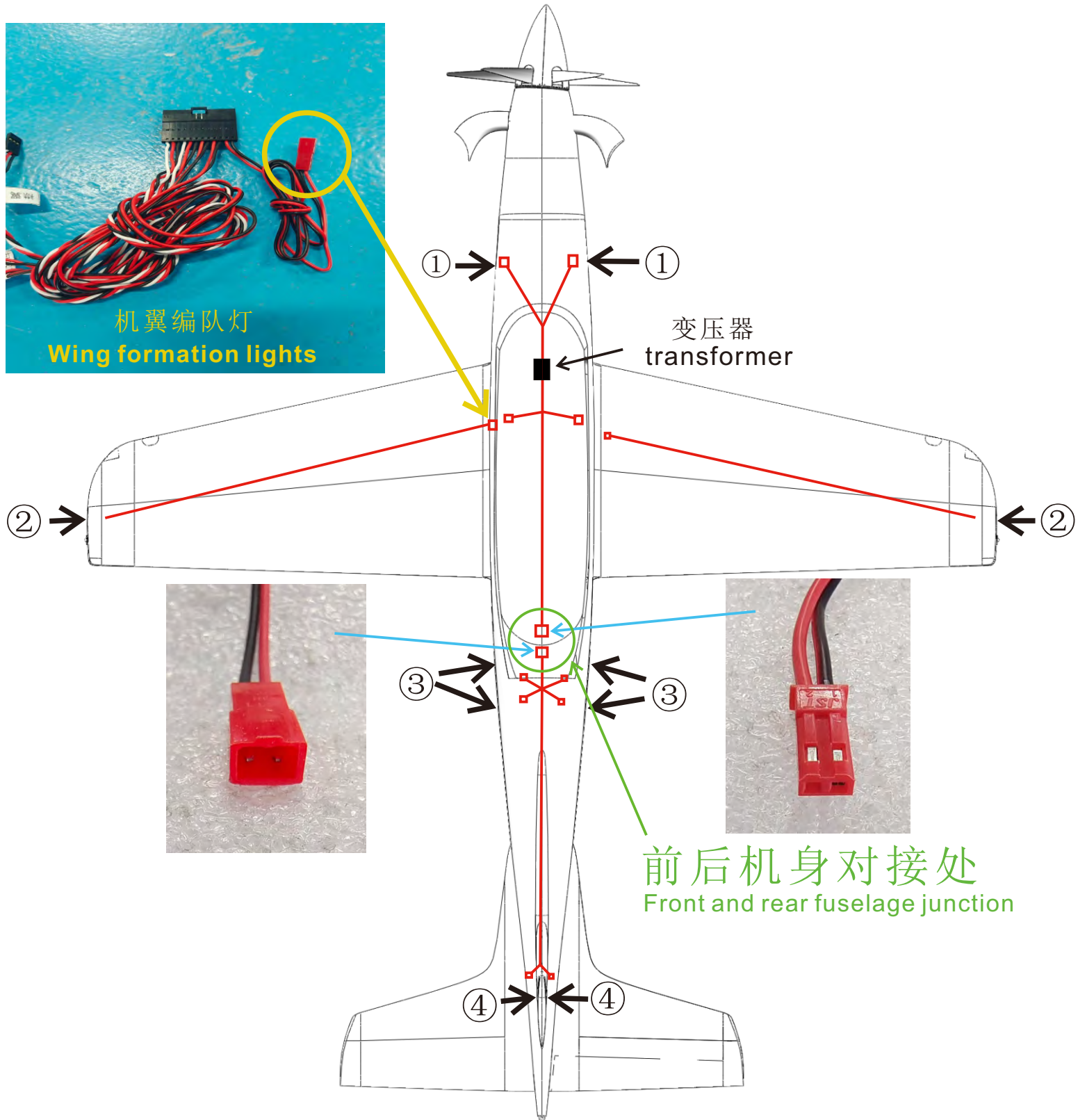
注：部分并联先需要客户自备

Note: Some parallel lines need to be prepared by the customer



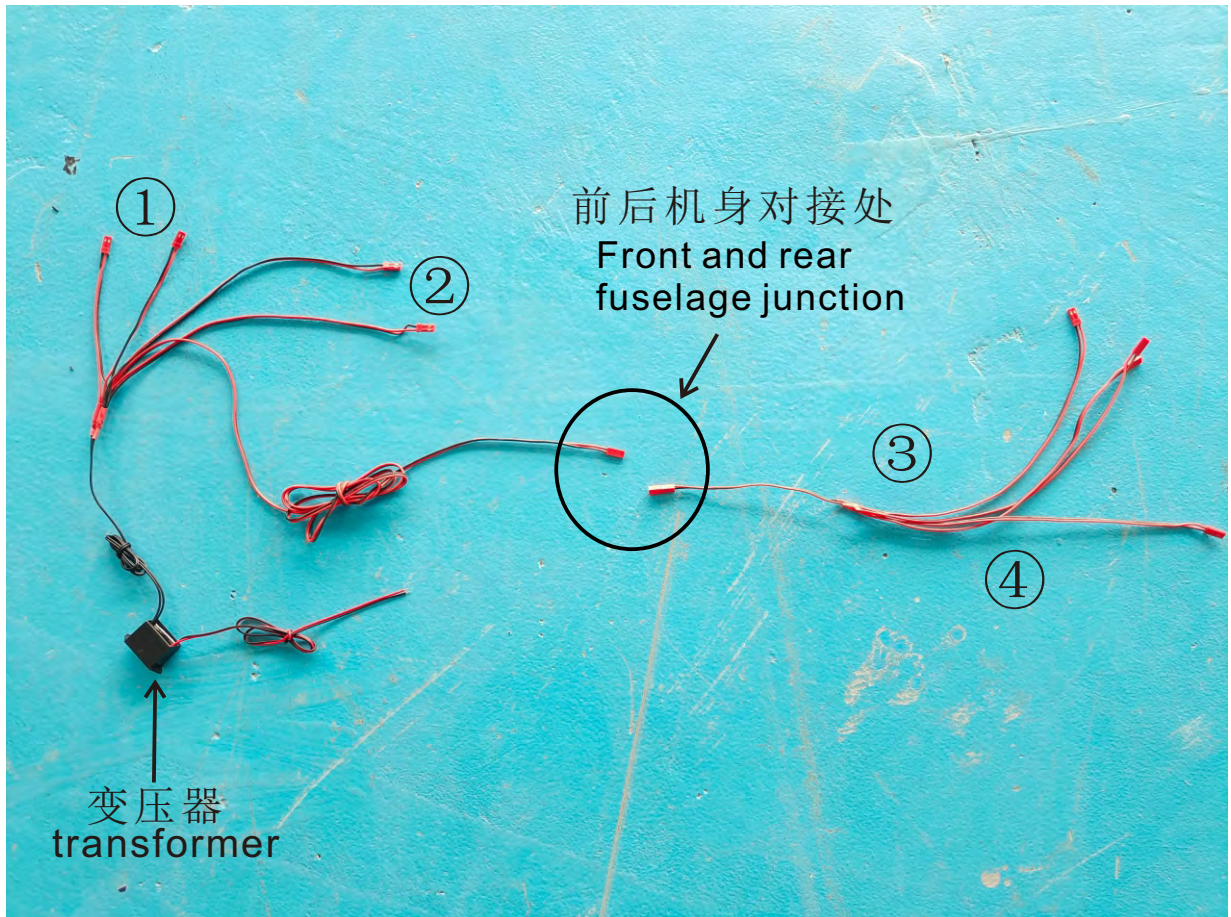
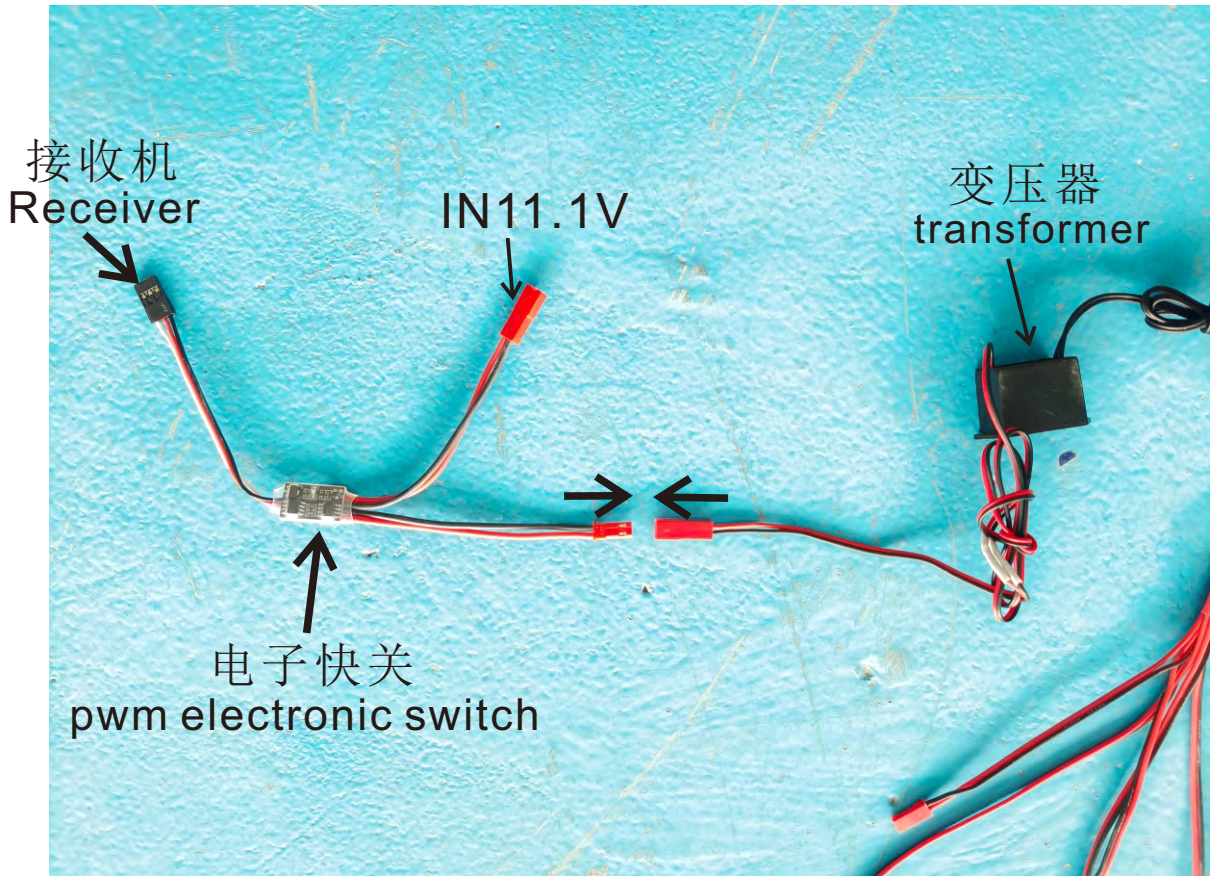


# 编队灯 Formation lights 1





# 编队灯 Formation lights 2





# 重心 C. G.

飞机重心在机翼翼根安装面前缘向后213.5mm。

For aircraft C.G., the leading edge of the wing root installation plane is 213.5mm backward.

