



SKY FLIGHT HOBBY CO.,LTD

# F-4U Corsair


## Instruction Manual


- Pivoted canopy
- Retractable landing gear
- Adopt the folding wingspan

**WARNING**

A R/C model airplane is not a toy and is not suitable for flyer under 14 years old.  
Read the instructions carefully before any use.  
If you are a beginner, it is necessary to let an experienced airplane pilot assist you

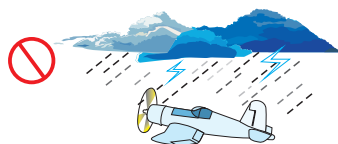
### Meaning of the icons.

 ● **WARNING!** :this symbol indicates where caution is essential to avoid injury to yourself or others .

 ● **PROHIBITED:** this symbol points out actions that you should NOT do to avoid possible damage or accidents.

### Safety instructions

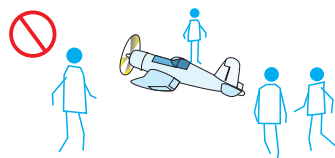
1.Do not fly in thunderstorm, strong winds or bad weather.



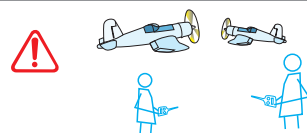
2 .Never fly the Model where are crowds of power lines overhead ,automobiles or near highways ,subways.



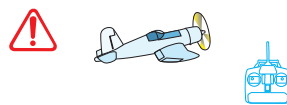
3 .Never fly the Model where are crowds of people. Give yourself plenty of room flying, as the plane can travel at a high rate of speed . Remember you are responsible for the safety of others.



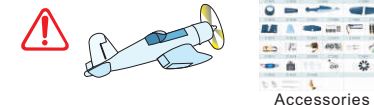
4. Do not fly in where the same frequency model plane is flying nearby.



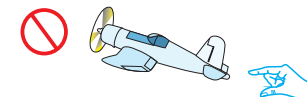
5 . Make sure that the model as well as the control system is in the good state before the plane takes off.



6.Only use genuine accessories as replacmente for damaged parts.



7.Do not attempt to catch the model while flying.



8.Not recommended for children under 14years old, Children under 14 years old should only operate this model under the guidance of a responsible adult.



9. Do not store this model in a high-temperature or humidity area or in direct sunlight.



### Thank you for purchasing F- 4U.

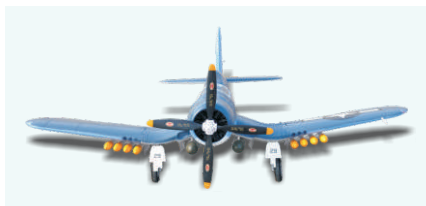
The F-4U is an electric propeller which is ideal for the intermediate or advanced Flyer.

In order to fly the F-4U, please make sure you read through the instructions carefully before attempting to operate the model for the first time.

If you have any questions in regarding to the safe operation, or possible precautions please call your local hobby shop for professional advice.

Radio-controlled models are very demanding and potentially dangerous machines. They call for a high level of technical knowledge and skill from the operator. Please always keep this instruction manual ready at hand for quick reference, even after completing the assembly.

**Note:** SHENZHEN LANXIANG MODEL AIRCRAFT CO.,LTD will not take any responsibility for damage or accident caused by the improper use of this model.



**Description:**

Length:1273mm  
Wingspan:1600mm  
Wing area: 47.27dm<sup>2</sup>  
Propeller diameter:18×8in  
Flying weight:3400g  
Thrust:≥5000g

**The kits include:**

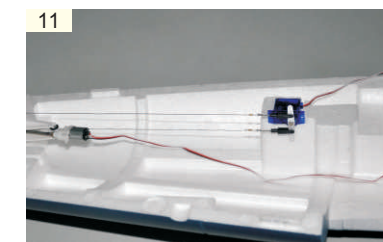
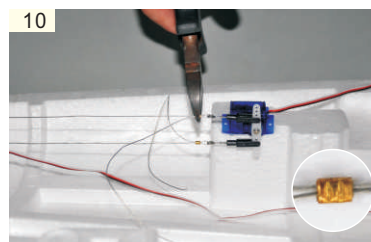
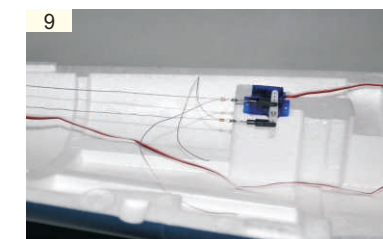
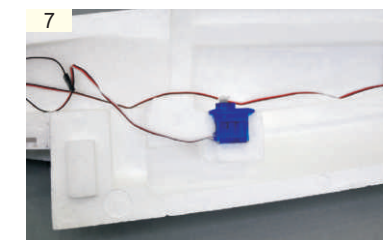
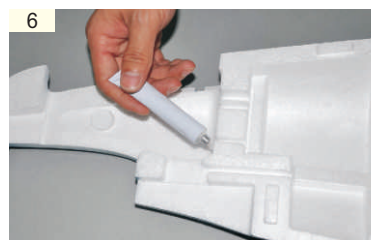
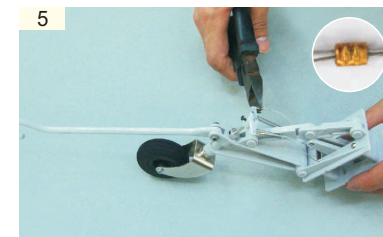
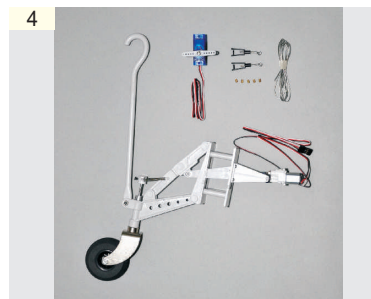
Radio:12CH RC  
Brushless ESC:50A  
12×Digital metal 17g servo  
Screw servo:3pcs  
Folding wing's servo:2pcs  
Brushless motor : Φ50×60mm (270/290 KV)  
Battery : 22.2V 6S 25C 4000mAh

**1 General View schedule:(1~3).**

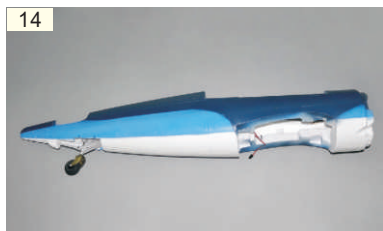
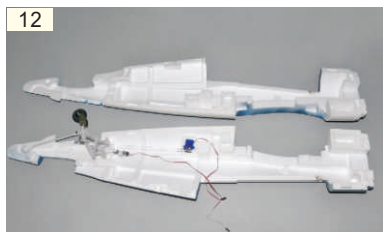


**2 Tail wheel installation:(4~11)**

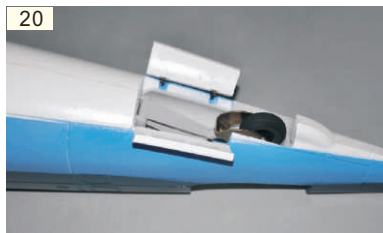
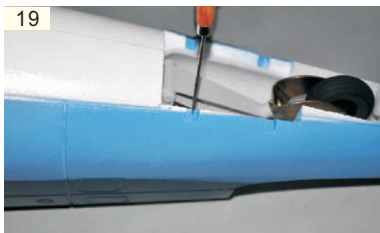
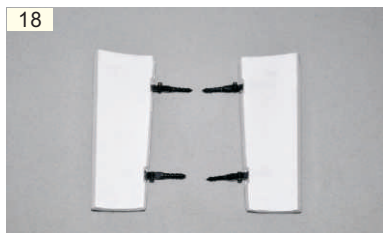
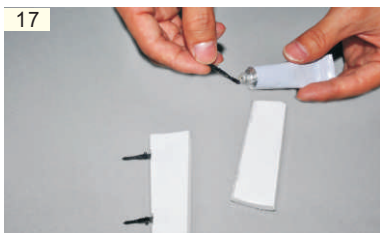
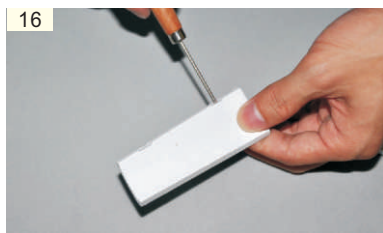
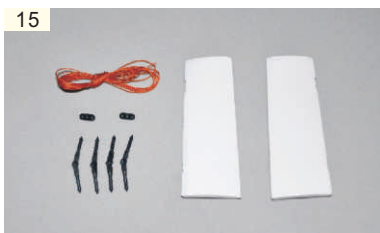
Need a servo with 300mm line and big torsion, to control the tail wheel, infix to the fourth channel of the receiver.



**3 Left and right fuselage pasting: (12~14).**



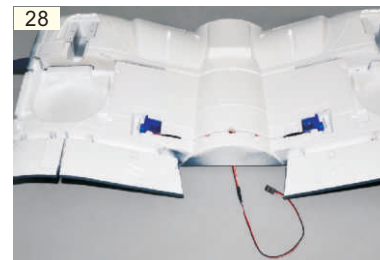
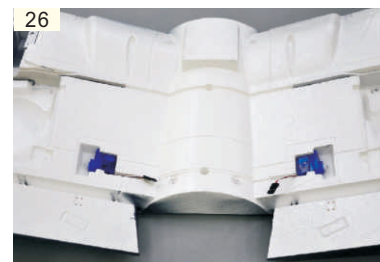
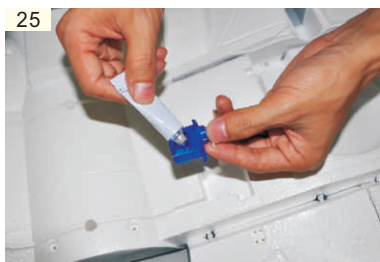
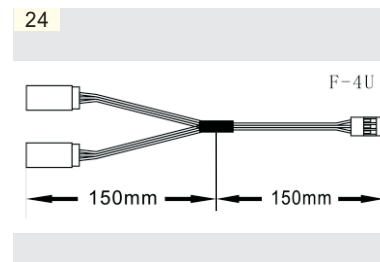
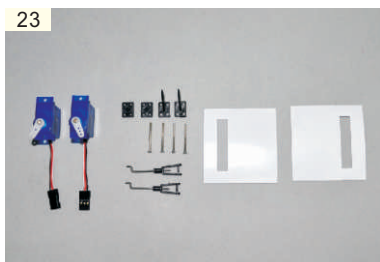
**4 Rear retract cover installation: (15~22).**

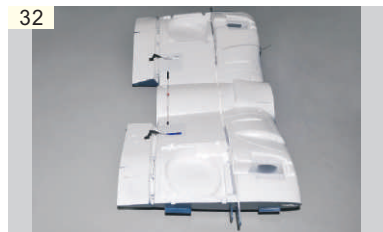
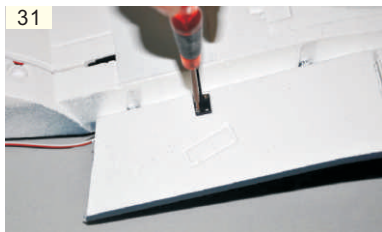
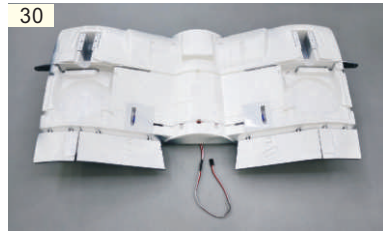
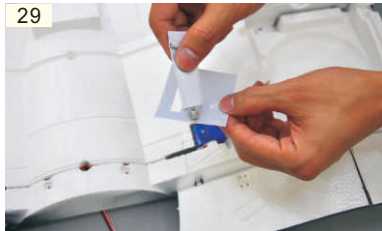


**5 Middle wing installtion:**

(1)Flap servos installation as follows:(23~32)

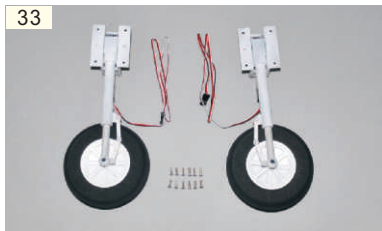
Need a positive servo and a reverse servo, both with 50mm line , and a 450mm Y wire, connect these two serve and the Y wire infix to the sixth channel of the receiver.





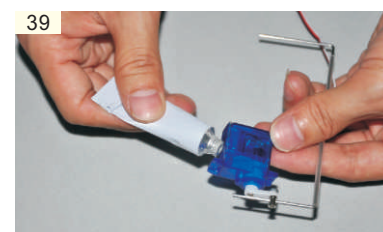
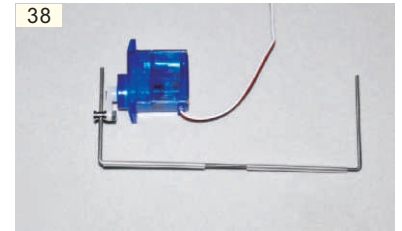
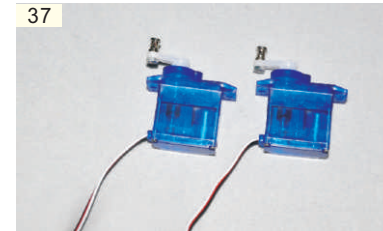
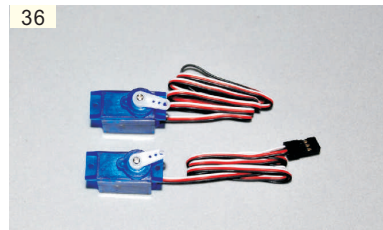
(2)Retracts installation as follows :(33~34)

Need twelve 2.5x8mm screws, use for fixing the retracts.



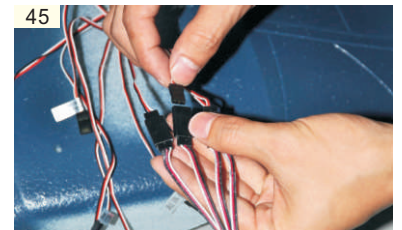
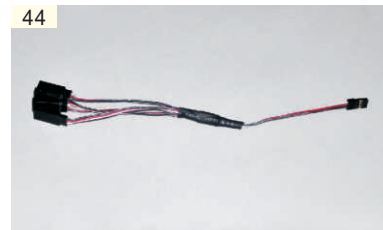
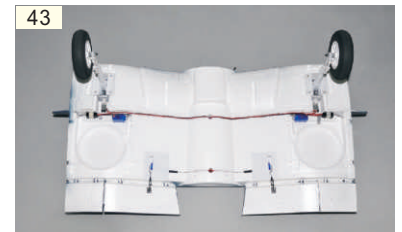
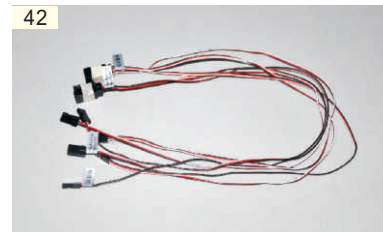
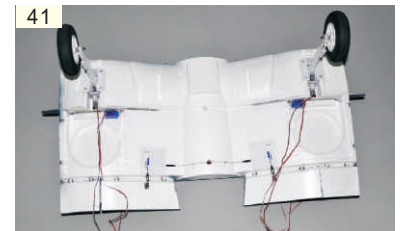
(3)Retract covers installtion as follows:(35~41)

Need two servos with 500mm line to control the retract covers,connect them and infix to retract controller.

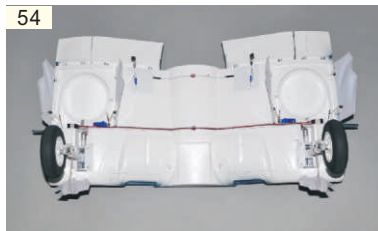
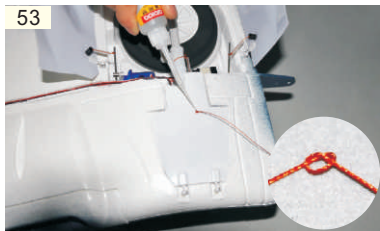
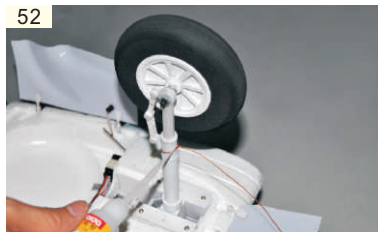
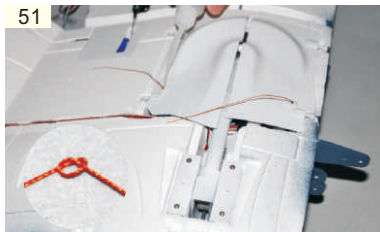
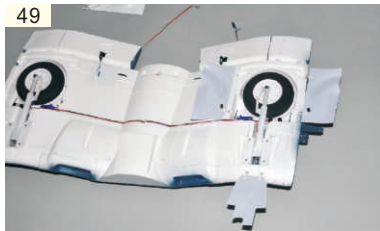
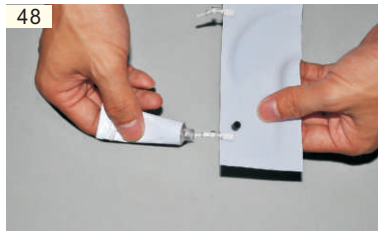
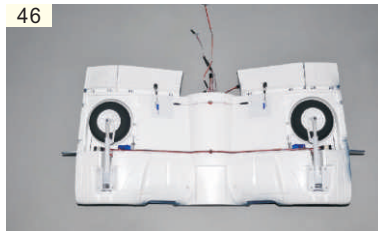
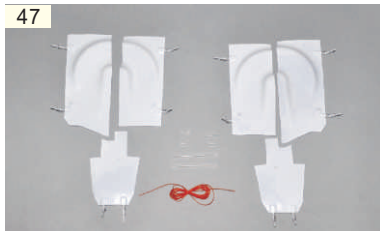


(4)The installation of servos extension lines in aileron and folding wing as follows:(42~46)

Need six 450mm extension lines.



(5)Retract covers installation as follows:(47~54).



## 6 Middle wing and fuselage connecting as follows:(55~57)

Need four 3X54 screws, use for fixing the middle wing.

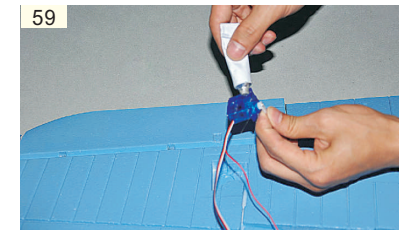
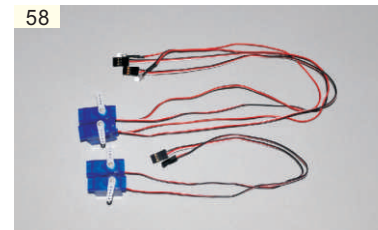


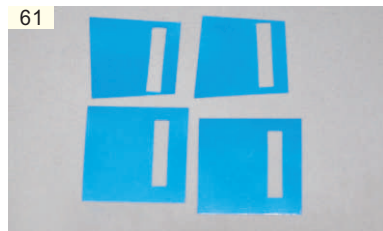
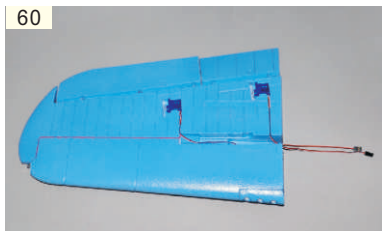
## 7 Outside of main wing installation:

(1) Aileron servos installation as follows:(58~62)

Need 2 servos with 400mm line,connecting one line with red LED light in left wing ,another one with green LED light in right wing.Installing the two servos in the servo slots of outside main wing.

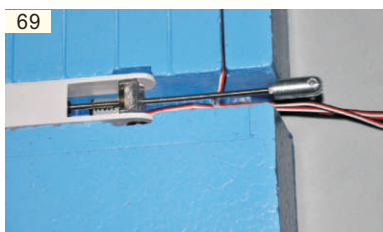
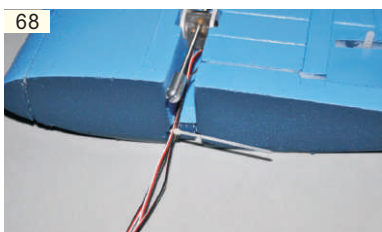
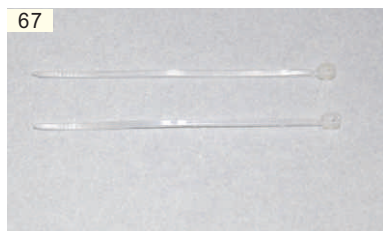
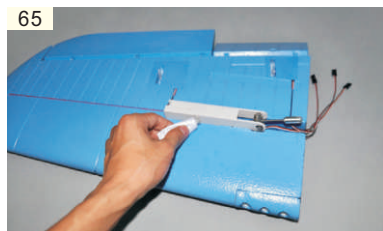
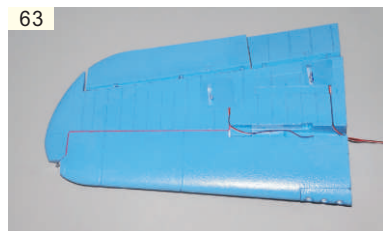
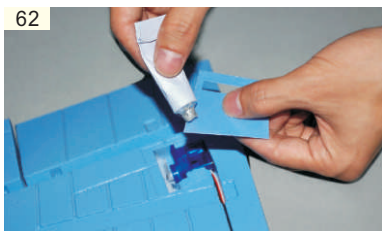
Need 2 servos with 300mm line, installing in the other servo slot,to control the second aileron. Merge the above four servos infixing to the first channel of the receiver.



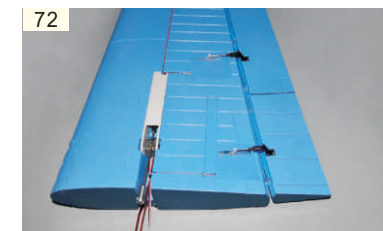
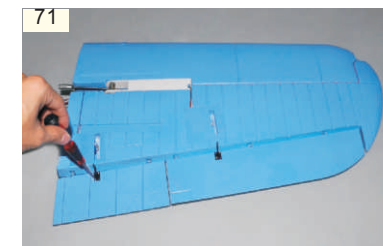
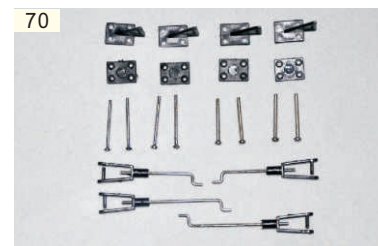


(2) Folding wing servos installation as follows :(63~69)

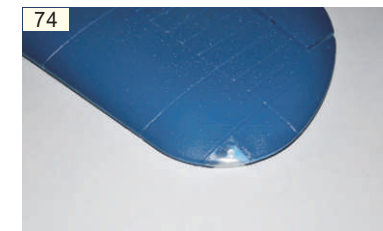
Connecting the servos with folding wing controller,then infixing the folding wing controller to the seventh channel of receiver.



(3)Aileron horn and push rod installation:(70~72).



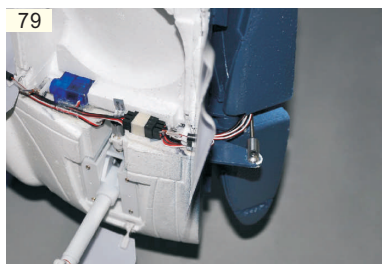
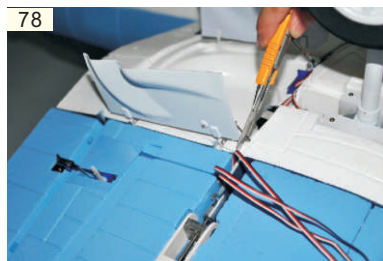
(4)Wing LED light lampshade installation as follows:(73~74).



**8 The outside and middle of main wing installation connecting as follows :(75~80).**

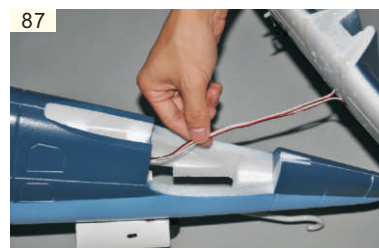
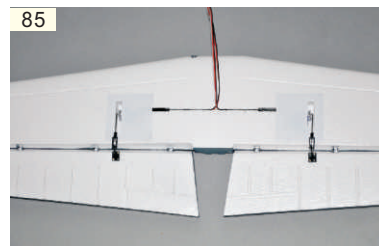
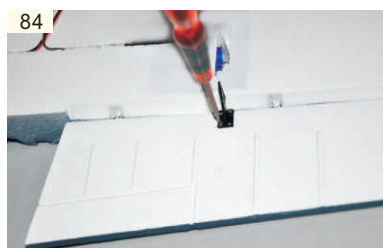
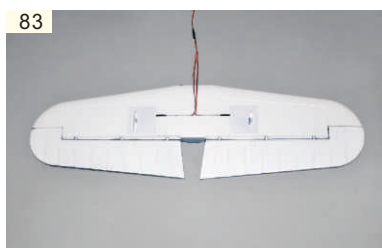
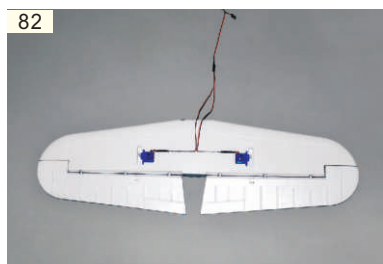
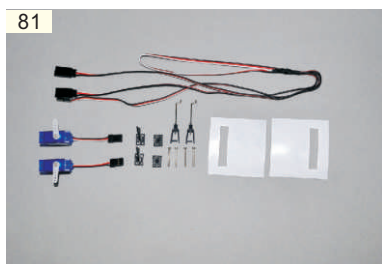
Need two 3X18mm screws, two 3X12 screws, four nuts to connect the signals in outside main wing and middle main wing corresponding.





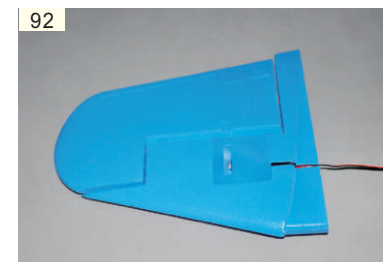
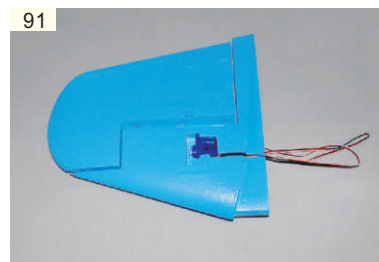
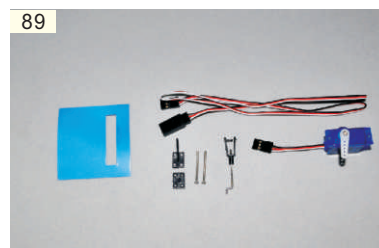
**9 Horizontal tail installation as follows:(81~88).**

Need a positive servo with 50mm line to install in the slot of right horizontal tail.  
Need a reverse servo with 50mm to install in the slot of left horizontal tail.  
Need a Y line to connect the two servos and infix the signals into the second channel of receiver in order to control the elevator. Note: The connection of horizontal tail and fuselage must be fixed tight.

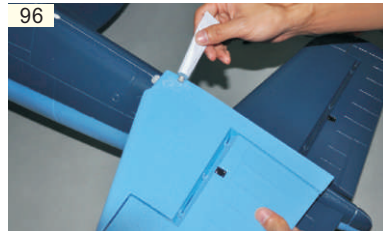
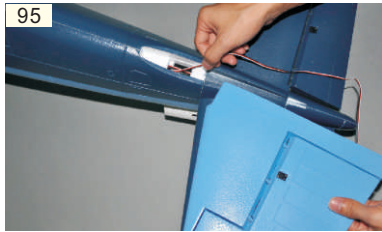
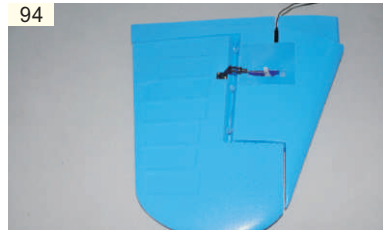
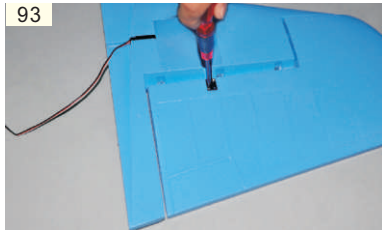


**10 Vertical fin installation as follows:(89~97).**

Need a servo with 50mm line and a 600mm Y line to control the rudder, vertical fin and fuselage must fix tight, then infix the signals into the fourth channel to control the rudder.  
(Need a 190mm Y line to combine the servo in vertical fin and steering servo in rear retract, then infix it in the fourth channel.)

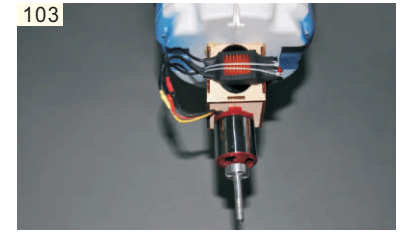
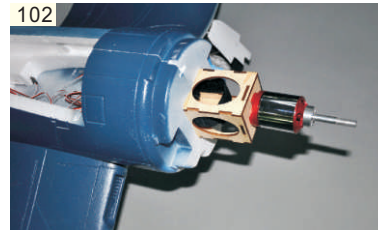
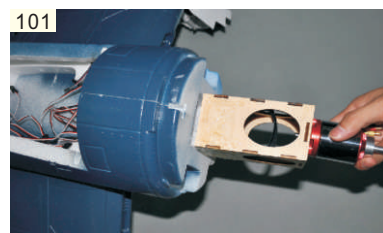
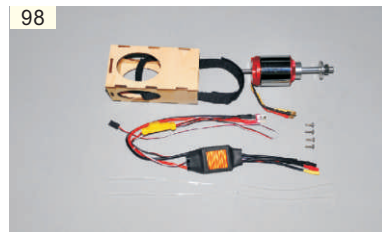






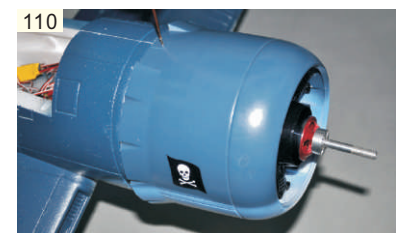
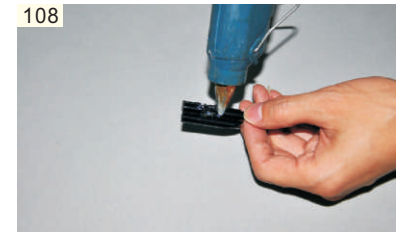
**11 Power package installation as follows:(98~103).**

Need a 5060 model motor with 5KG tensile force, and a 50A ESC.



**12 Cowling installation as follows:(104~110).**

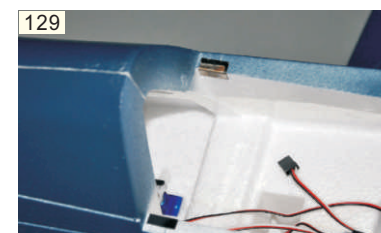
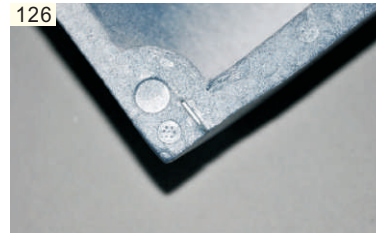
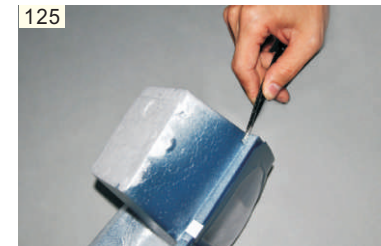
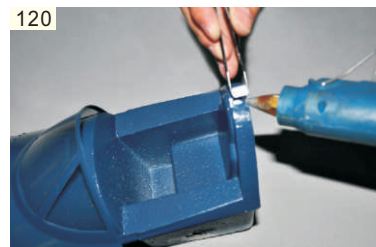
Need two 2X20 screws, to fixing the cowling.



**13 Propeller installation as follows:(111~115).**

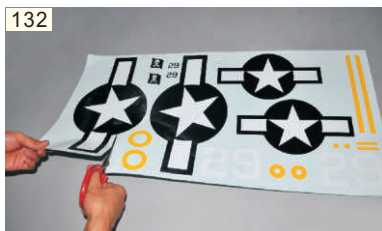


**14 Canopy installation as follows:(116~131).**

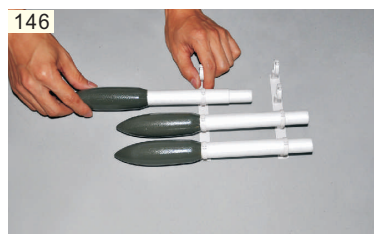




**15 Decal pasting as follows:(132~145).**

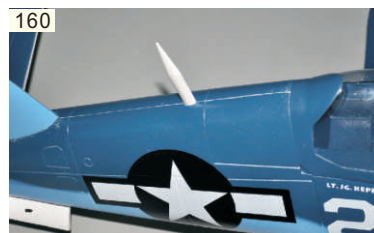
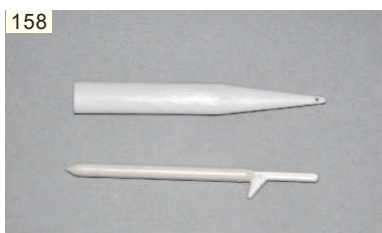


**16 Bomb installation as follows:(146~157).**

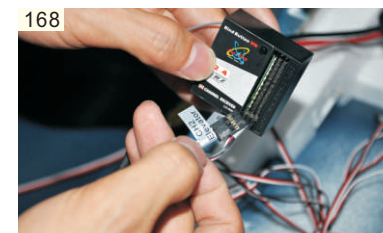
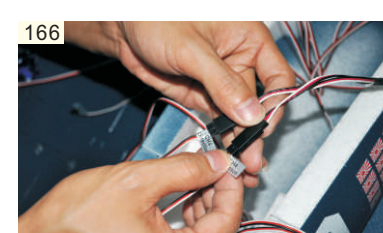
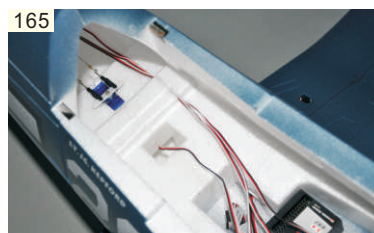
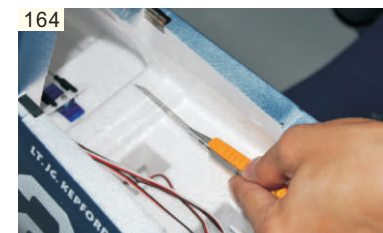
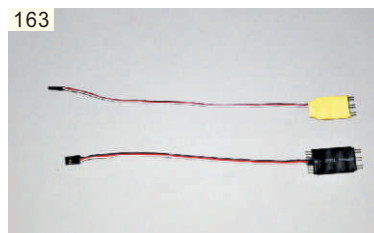


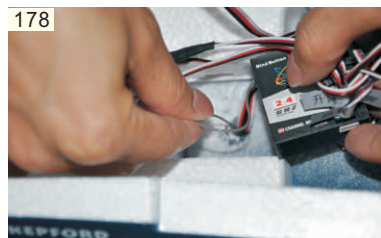
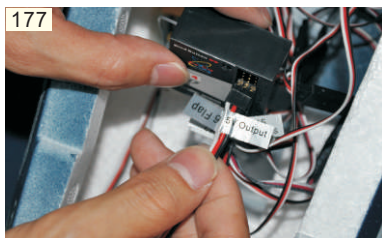
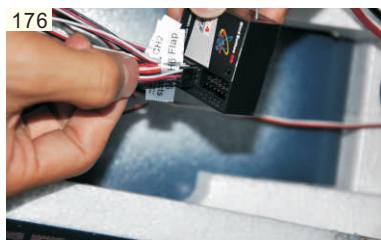
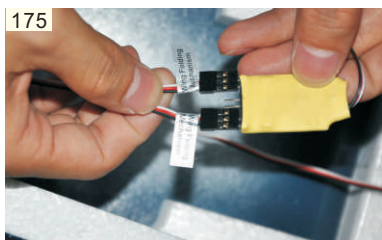
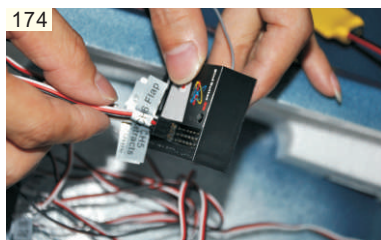
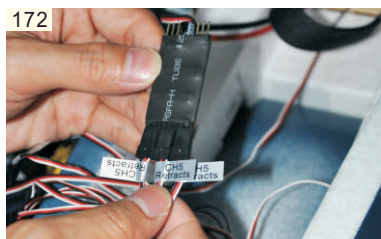
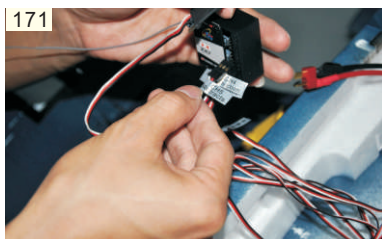
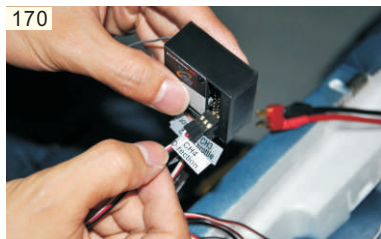


**17** Decorating parts installation as follows:(158~162).

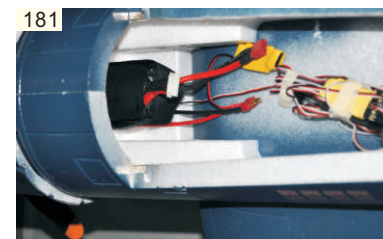


**18** Receiver installation as follows:(163~179).

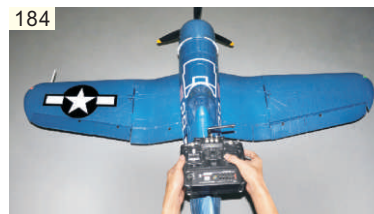




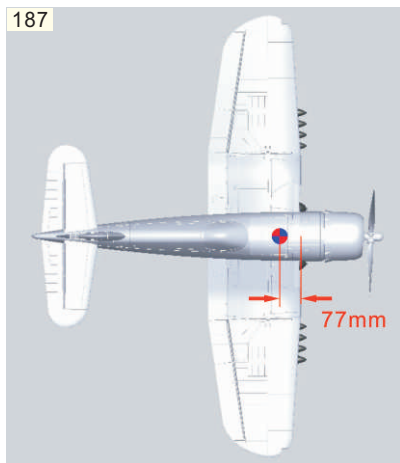
**19** Battery installation as follows:(180~181).



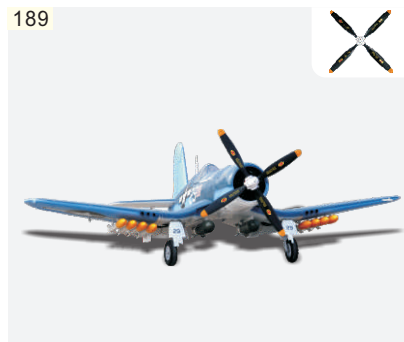
**20** Energize and test all function whether work normal: (182~186).



**21 CG Debugging:(187).**



**22 Installation finished:(188~189).**



**F-4UPre-Flight Check**

1. Check carefully that every part of the plane is installed properly.
2. Always check that there are no other pilots using the same frequency in the same area.
3. Please switch on the power of the transmitter before connecting the battery. Make sure that the battery is fully charged.
4. Check that the plane responds properly to the control signals.
5. Extend the transmitter antenna all the way and test the range of the radio signal. With the transmitter and model switched on, step back around 20m and test the interference. If there is no interference, the plane is ready to fly.

**Problem Solving**

Phenomenon	Typical error	Problem solving
Motor do not work	The battery is not full charged The battery of the transmitter is in low power. There is some broken circuit in the plane	Charge the battery Replace the battery in the transmitter. Contact your local dealer
Can not fly in a line	The rudder is not in the center of the fuselage The main wing is not installed in the center. The nose landing gear is rotary.	Adjust the trim on the transmitter. Reassemble the main wing. Verify the nose landing gear.
Can not climb	The battery is not fully charged. Elevator is still downward.	Charge the battery. Adjust the trim on the transmitter.
Short control distance	The battery of the transmitter is in low power. The antenna is not fully extended.	Replace the battery of transmitter. Extend the antenna fully.