



SHENZHEN LANXIANG MODEL AIRCRAFT CO.,LTD
SKY FLIGHT HOBBY CO.,LTD

REMOTE CONTROL MODEL

P-40 WARHAWK

Instruction Manual



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.

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LANXIANG RESERVES THE RIGHT TO MODIFY THE SPECIFICATION OR PRINTING ERRORS WITHOUT PRIOR NOTICE.

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

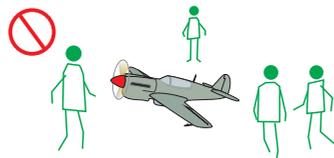
1.Do not fly in thunderstorm, strong winds or bad weather.



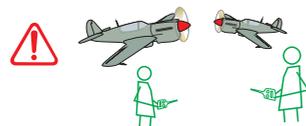
2 .Never fly the Model where are crowds of power lines overhead ,automobiles or near highways ,subways.



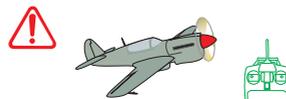
3 .Never fly the Model where are crowds of people. Give yourself plenty of room flying, as the plane can travel at a high rate of speed . Remember you are responsible for the safety of others.



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 replacment 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 P- 40.

The P-40 is an electric propeller which is ideal for the intermediate or advanced Flyer.

In order to fly the P-40, 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:

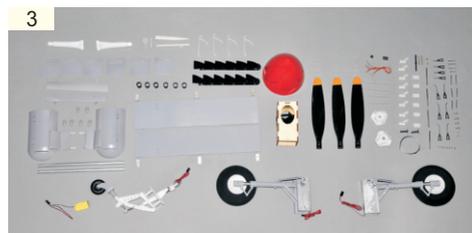
Length:1711mm
Wingspan:2000mm
Wing area:67.25dm²
Propeller diameter:18in
Flying weight:4500g
Thrust:≥5600g

The kits include:

Radio:12CH RC
Brushless ESC:50A
Servos:7×9g
screw servo: 3pcs
Brushless motor: Φ50×60mm 290KV
Battery : 22.2V 6S 25C 4000mAh



1 General View schedule:(1~3).



2 Vertical fin parts Installation:(4~12)



Need a 950mm long signal cable to connect the LED tail lights and 2 red LED lights which flash slowly.



Put some glue on the signal line and then put it into the groove for anti-shedding.



Light wire installation omitted.



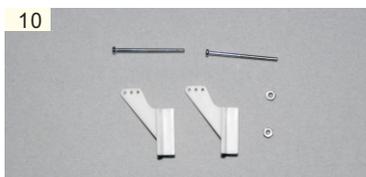
Glue the edge of the transparent shade, covered with LED lights.



Shade installation omitted.



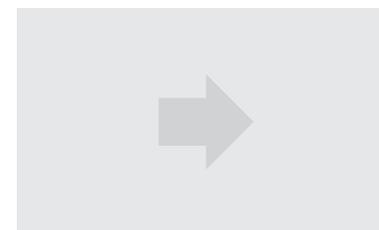
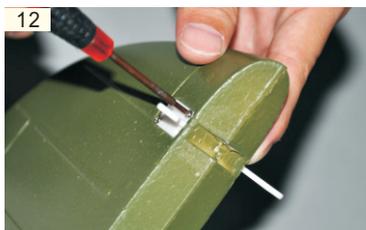
Connected to the 5V voltage test LED is light up.



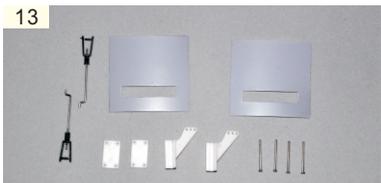
Need two 1.7 × 30mm screws and two M2 screw nuts to fix the rudder angle.



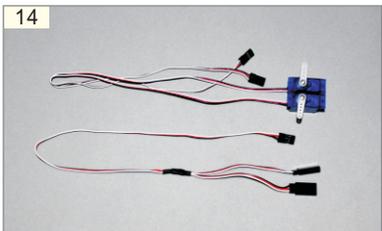
Set it up with some glue on the rudder angle to make it more firm.



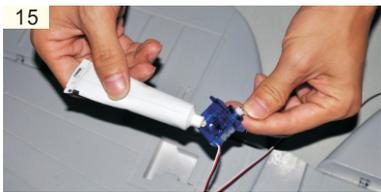
3 Horizontal tail parts Installation:(13~21)



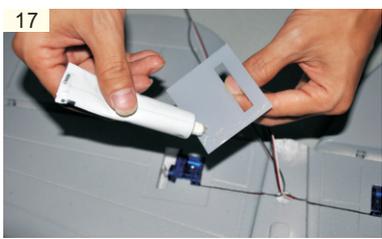
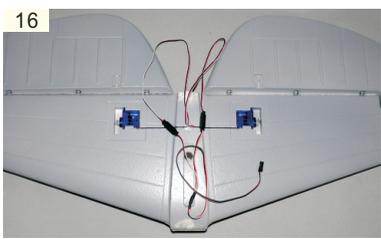
13
Need four 1.7×22mm screws , two 40mm linkages.



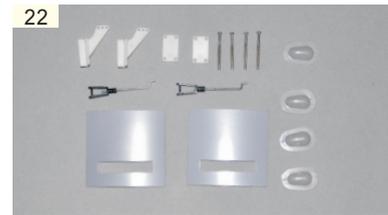
14
Need servos with 400mm wire, one forward direction ,one reverse direction. Set the reverse direction one on the left side.
Need 400mm Y wire to connect with elevator servos.



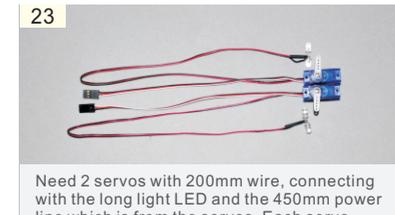
15
Gluse the interface of servo and foam.



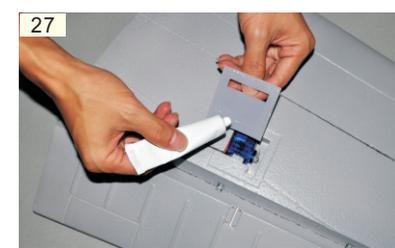
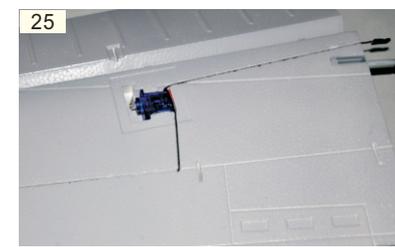
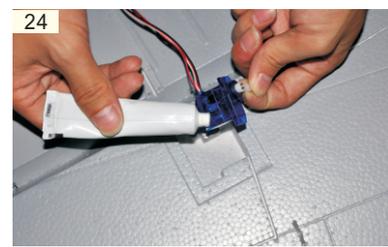
4 Wings parts Installation : (22~32)

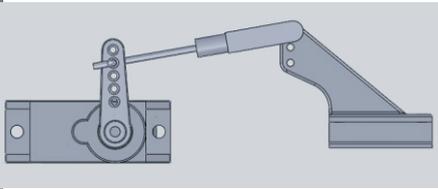
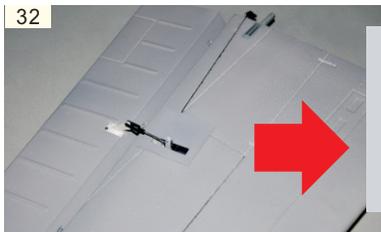
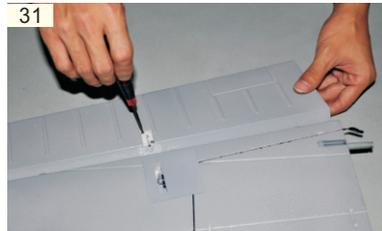


22
Need two 1.7×27mm screws , two 1.7×25mm screws, two 36mm linkages.



23
Need 2 servos with 200mm wire, connecting with the long light LED and the 450mm power line which is from the servos. Each servo connects with 2 LED. Please notice that the left wing is the red LED and the right wing is the green LED.

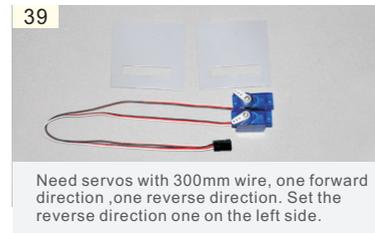




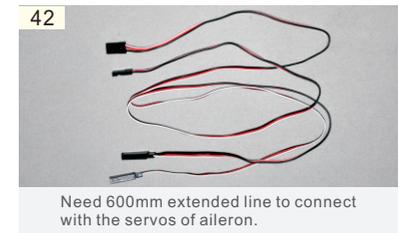
5 Wing flaps parts Installaiton:(33~47)



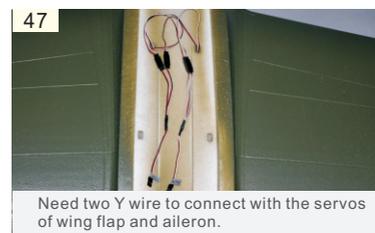
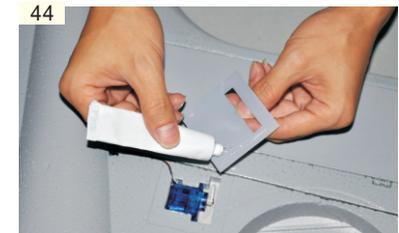
Need eight 2×6mm screws to fix the rudder angle of wing flaps. Two 36mm linkages.



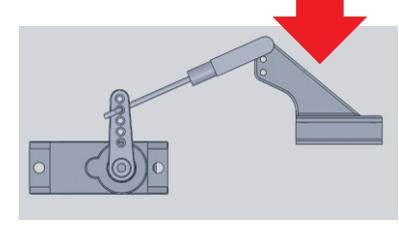
Need servos with 300mm wire, one forward direction, one reverse direction. Set the reverse direction one on the left side.



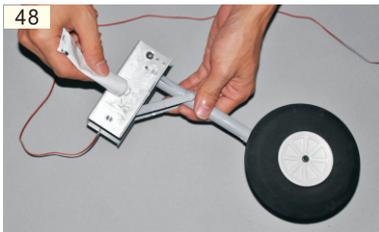
Need 600mm extended line to connect with the servos of aileron.



Need two Y wire to connect with the servos of wing flap and aileron.

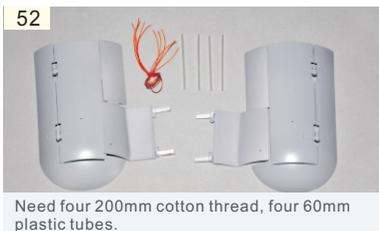


6 Landing gear parts Intallation:(48~51)



First put way the landing gear when push around the signal line of landing gear server, then buried the lines inside the groove.

7 Landing gear cover parts Installation:(52~60)

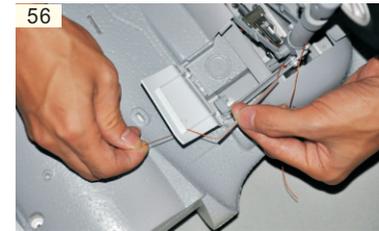


Need four 200mm cotton thread, four 60mm plastic tubes.

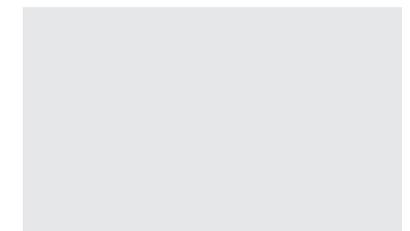


Fixture of cotton thread

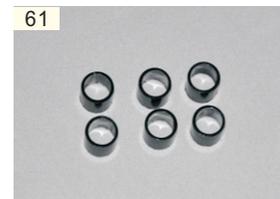
(1) Pictures of plastic intallation:(56~57)



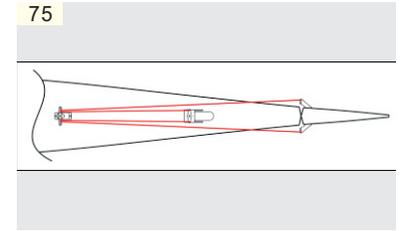
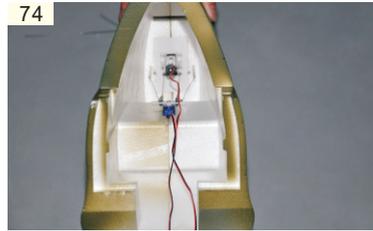
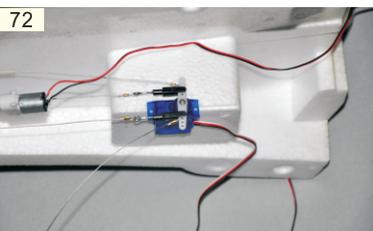
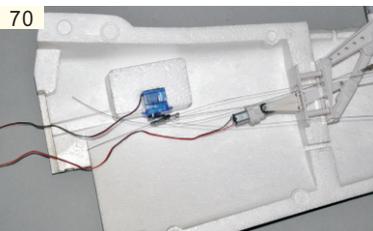
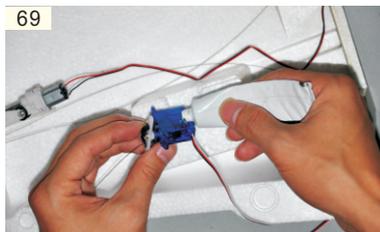
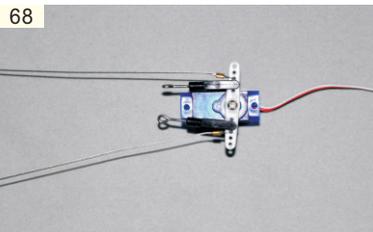
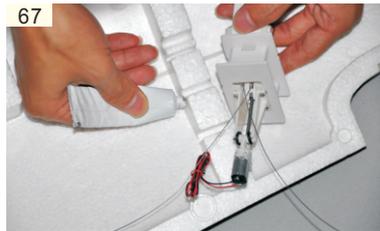
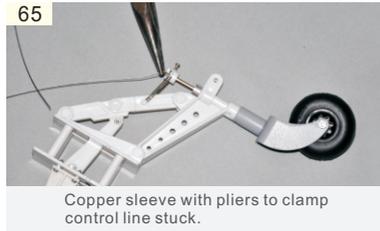
(2) Fixture of cotton thread and cover:(58~59)



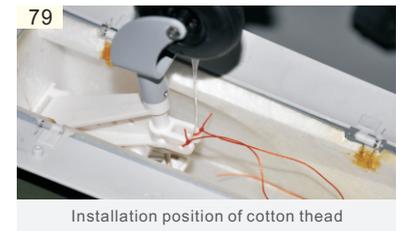
8 Wing decorating parts Installation:(61~63)



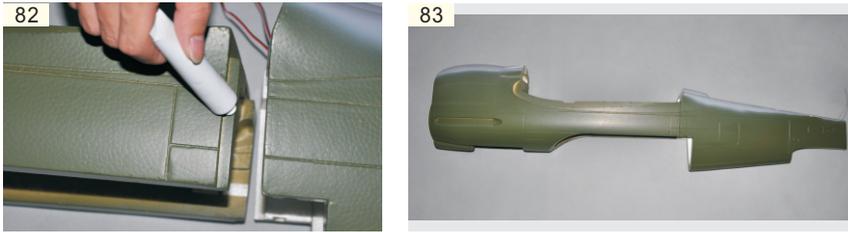
9 The back landing gear parts Installation:(64~75)



10 The back landing gear cover parts Installation:(76~81)



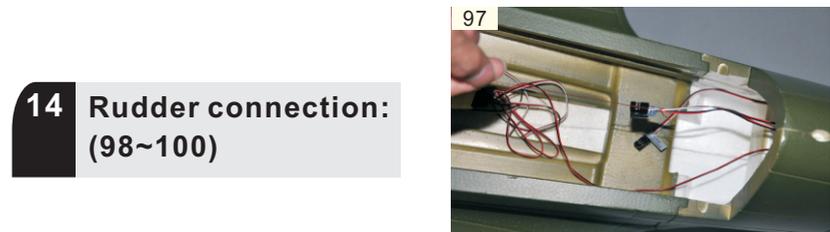
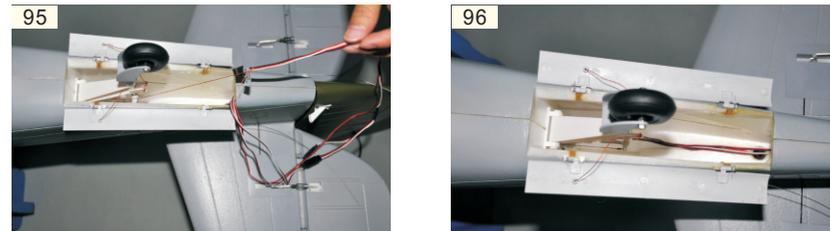
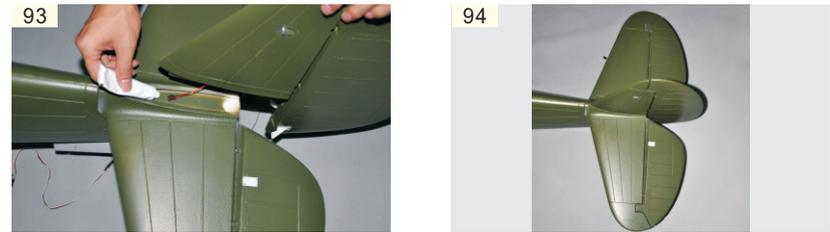
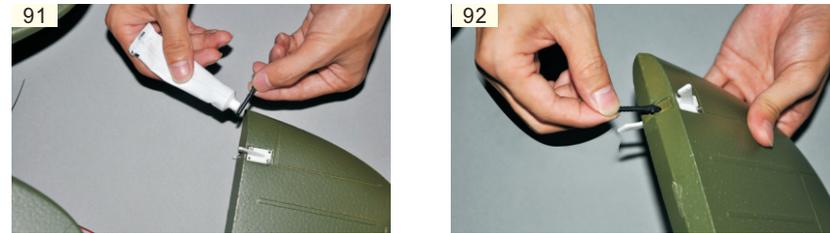
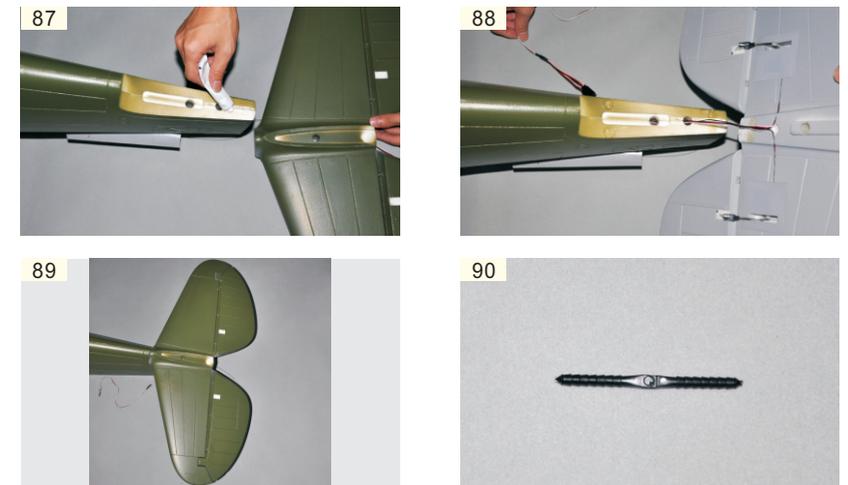
11 Front and back fuselage connection:(82~83)



12 The wing and fuselage connection:(84~86)



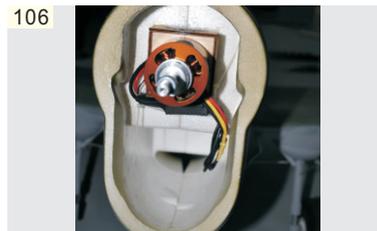
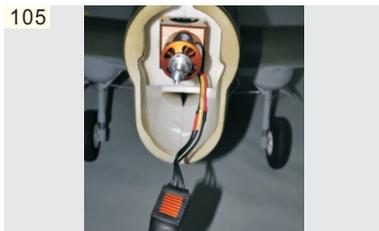
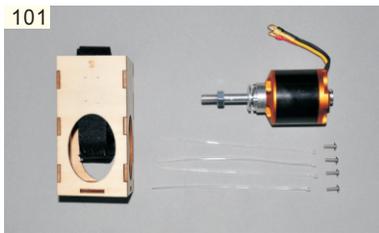
13 Tail wing parts Installation:(87~97)



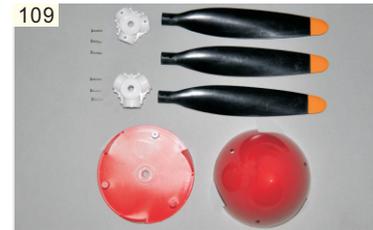
14 Rudder connection: (98~100)



15 Dynamic parts Installation:(101~108)



16 Dynamic parts Installation:(109~113)

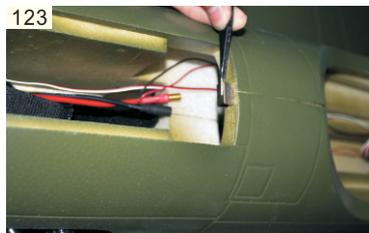
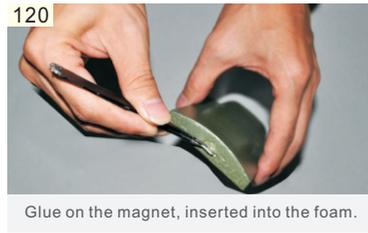
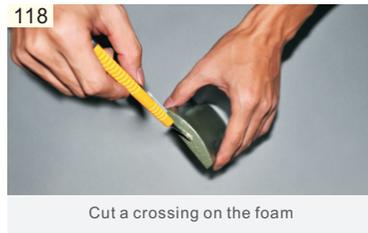


Notice: Fairing up after installation, power when the power unit testing (to ensure solidification of the glue under the conditions tested), if the motor spin up and found a big shock, pls immediately turn off the throttle, the battery power, open the fairing,Another point of rotation to install, minimal vibration transferred so far.

17 Muffler parts Installation:(114~116)

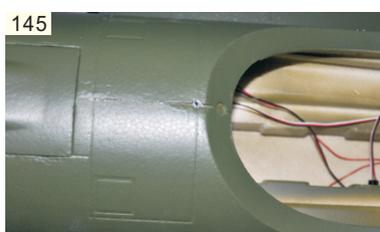
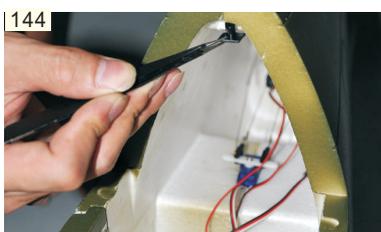
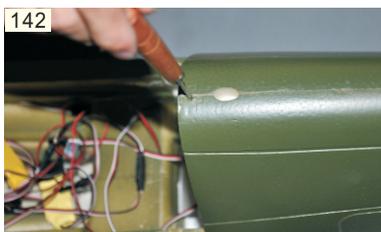
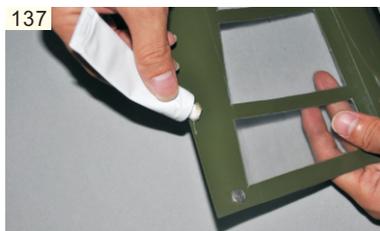


18 Battery cover parts Installation:(117~125)

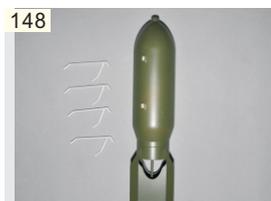


19 Canopy parts Installation:(126~147)

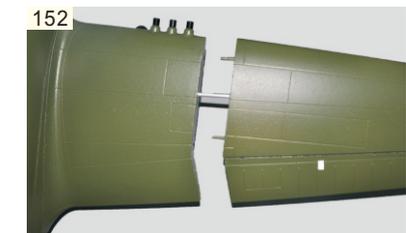


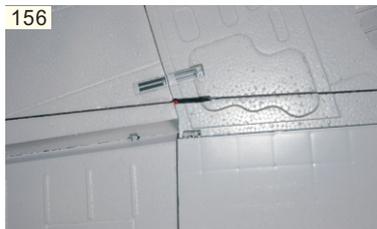


20 Bombs parts installation:(148~150)



21 Outside parts of wing connection:(151~156)

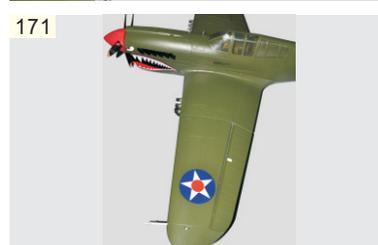




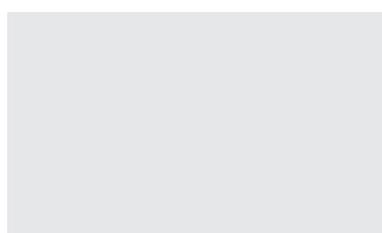
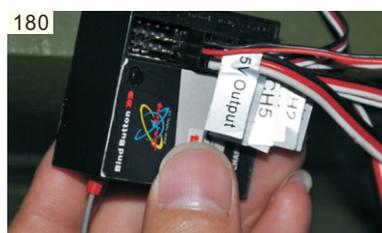
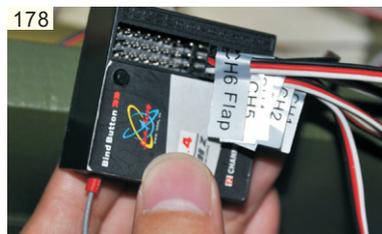
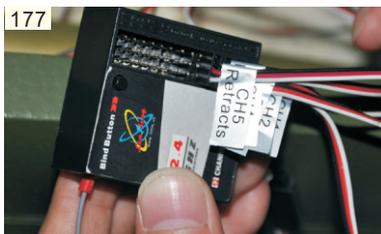
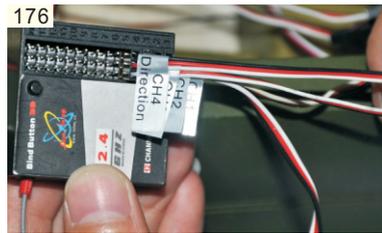
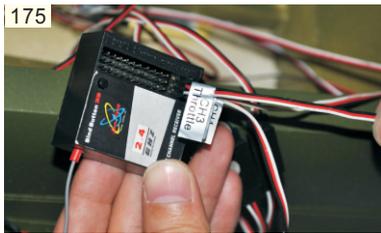
22 Decorating parts Installation:(157~160)



23 Beautify parts:(161~172)



24 Connection of signal line and receiver:(173~181)



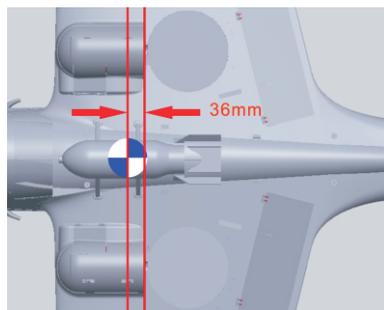
25 Battery Installation:(182~184)



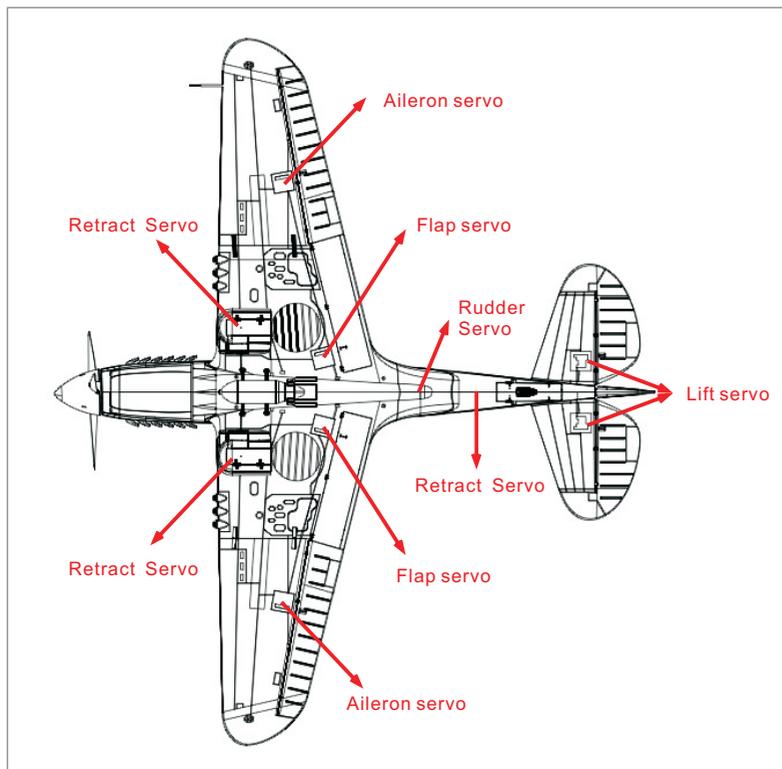
26 Function test:(185~187)



27 Main part:(188)



28 Servo distribution map



P-40 Pre-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	Solutions
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 twisted.	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 tilted 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.