



SKY FLIGHT HOBBY CO.,LTD

<http://www.skyflighthobby.com>

Instruction Manual



B-25

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.



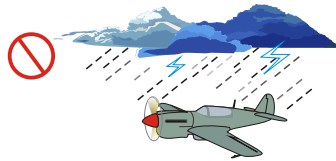
● **WARNING!** :this symbol indicates where caution is essential to avoid injury to yourself or others .



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

Safety instructions

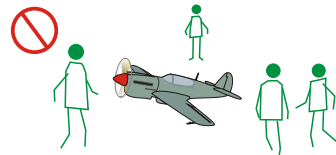
1. Do not fly in thunderstorm, strong winds or bad weather.



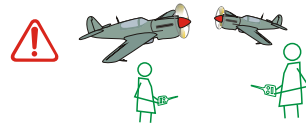
2 . Never fly the Model where are crowds of power lines overhead ,automobiles or near highways ,subways.



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.



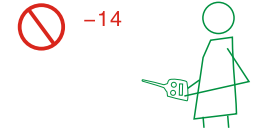
6. Only use genuine accessories as replacement for damaged parts.



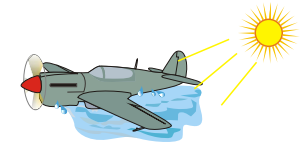
7. Do not attempt to catch the model while flying.



8. Not recommended for children under 14 years 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 B-25.

The B-25 is an electric propeller which is ideal for the intermediate or advanced Flyer

In order to fly the B-25, please make sure you read through the instructions fully 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.



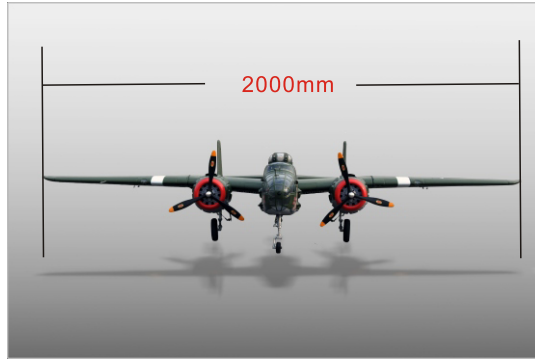
Parameter configuration

Description:

Length:1588mm
 Wingspan:2000mm
 Wing area:53.3dm²
 Propeller diameter:13.5in
 Flying weight:6000g
 Thrust:≥6100g

The kits include:

Radio:12CH RC
 Brushless ESC:50A
 Servos:15x9g
 Screw servo:3pcs
 Brushless motor:Φ37x48mm 600KV
 Battery:14.8V 4S 25C 5200mAh Li-po



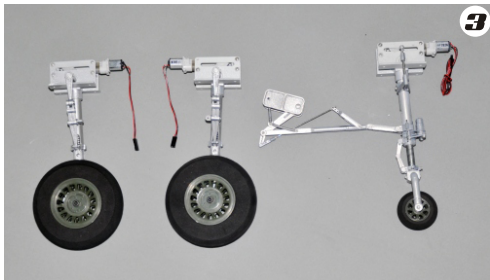
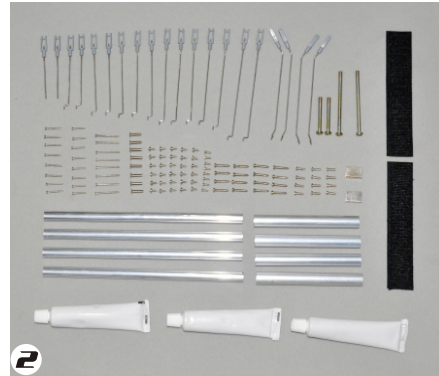
Catalogue illustration

1: foam part

2: hardware part

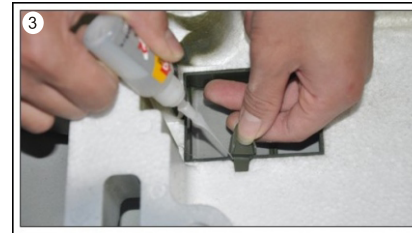
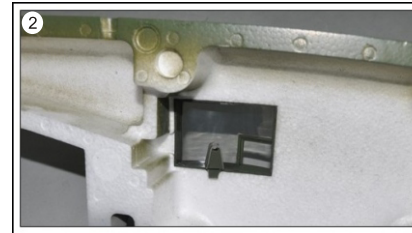
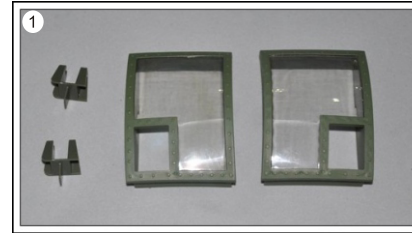
3: retract part

4: plastic part

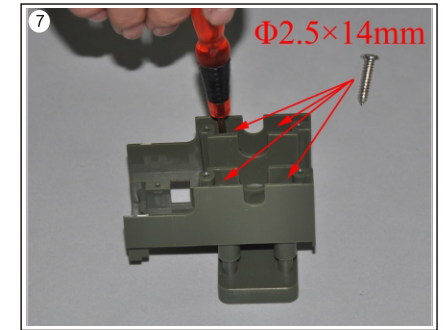
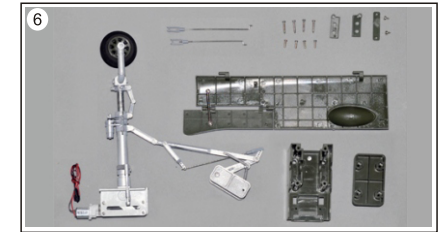


Part two (Fuselage installation):

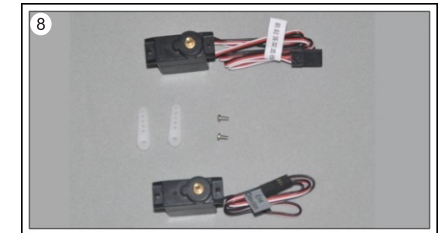
1. Fort barbette on each side of fuselage installation



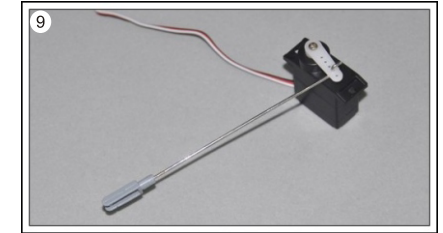
2. front retract installation



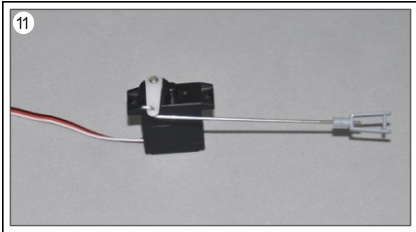
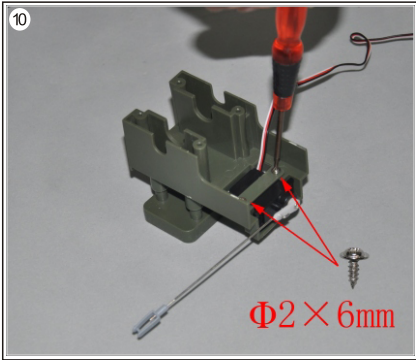
front wheel steering need a length of 350mm line servo controller of front retract cover need a length of 400mm line servo



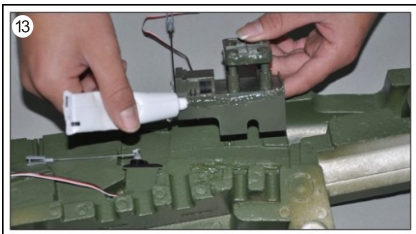
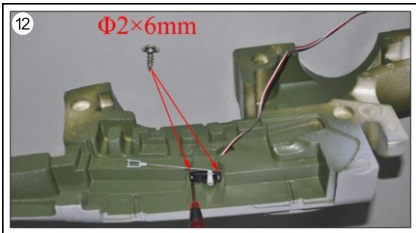
The front wheel steering of servo need a length of 86mm line connection of push rod and the servo rocker as photos



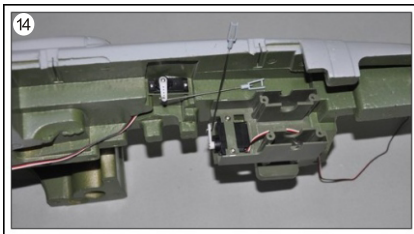
installation of front wheel steering servo



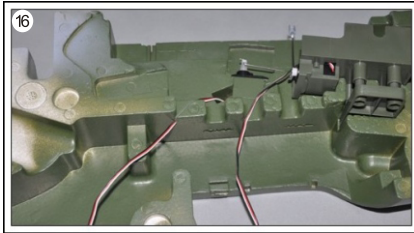
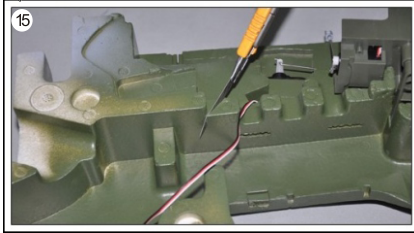
installation of front wheel steering servo



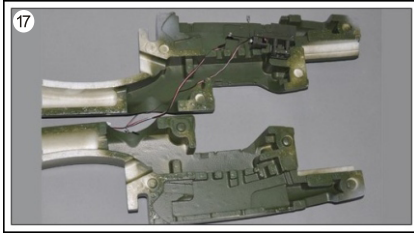
front retract base installation



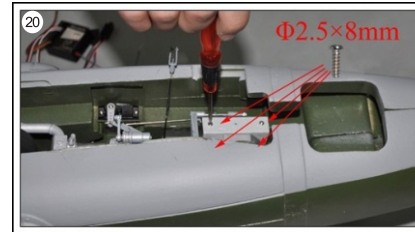
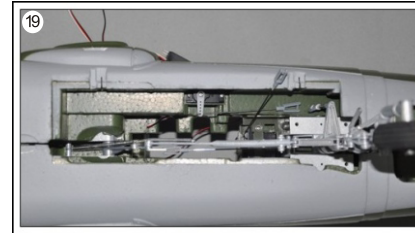
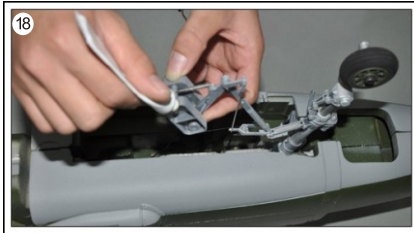
servo line layout



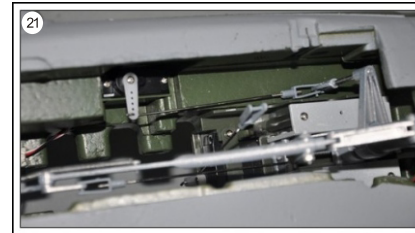
splice of left and right fuselage



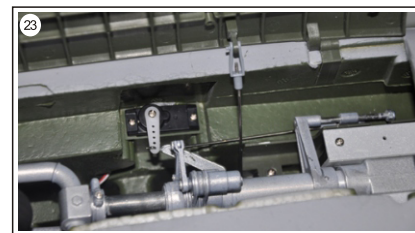
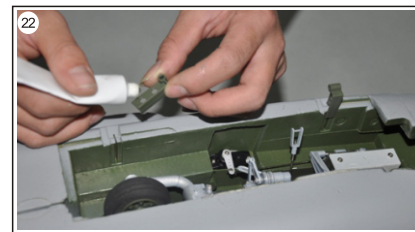
front retract installation



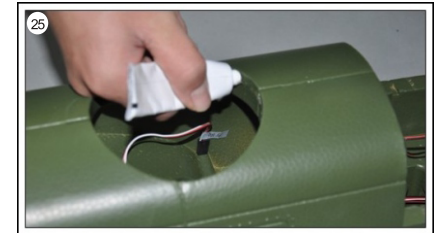
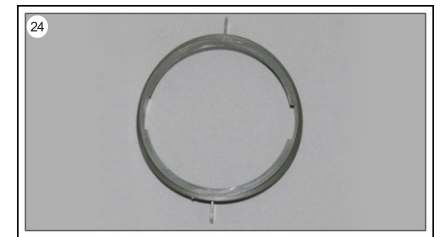
the connection of front wheel steering push rod



front retract cover installation



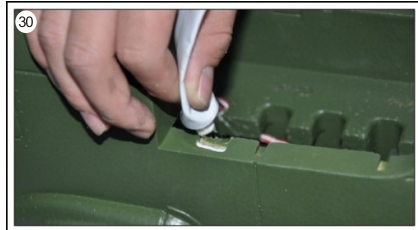
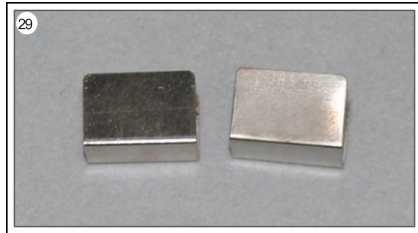
installation of top of fuselage and the base of gun



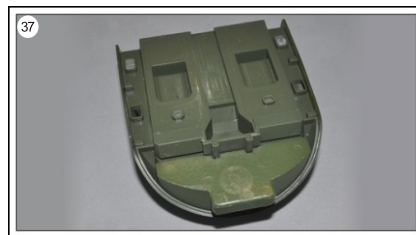
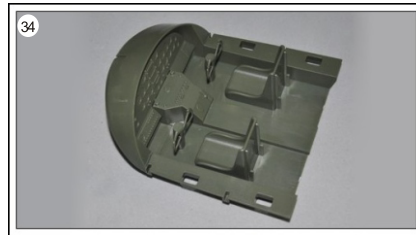
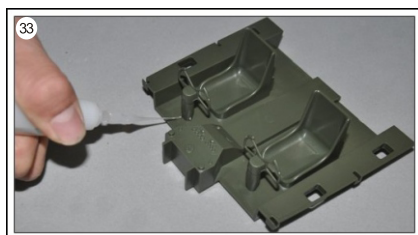
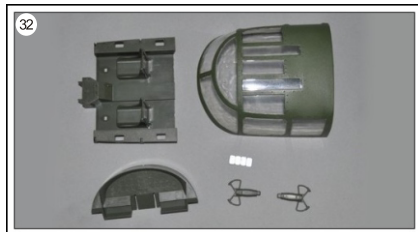
3. Installation of red LED lights on top of fuselage



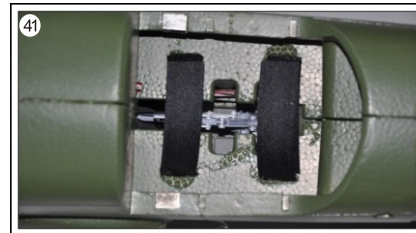
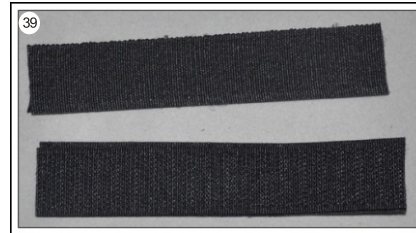
4. cockpit Magnets of absorption installation



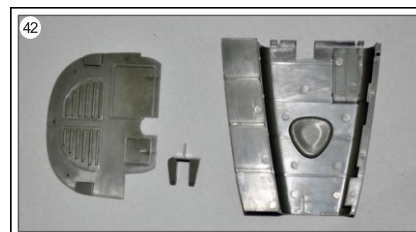
5. cockpit installation



6. battery belt installation

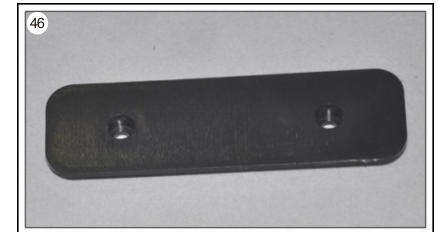
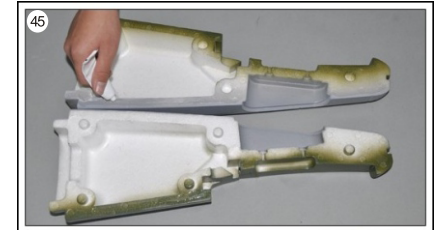


7. nose section installation

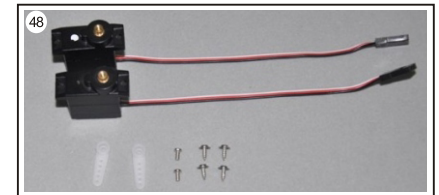


Part three (Installation of tail fuselage):

1. splice of tail fuselage

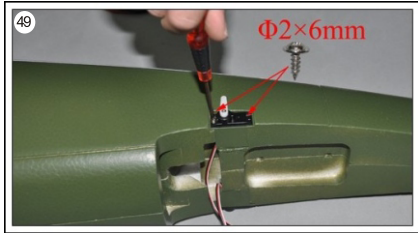


2. Updated servo installation

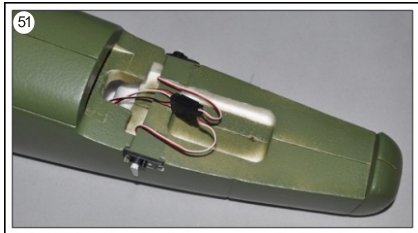
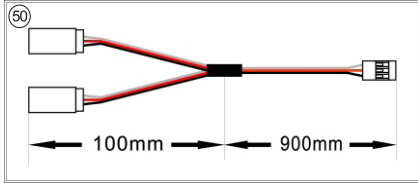


Need a length of forward and reverse servo 120mm line
The reverse servo installed on the left



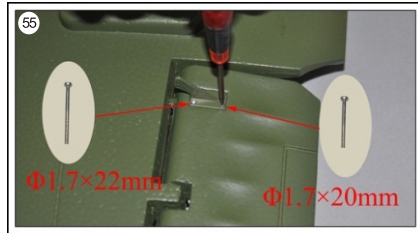
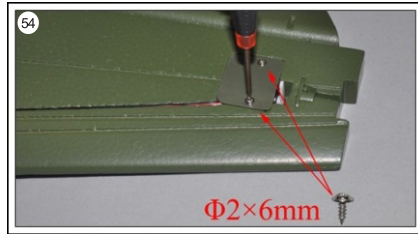
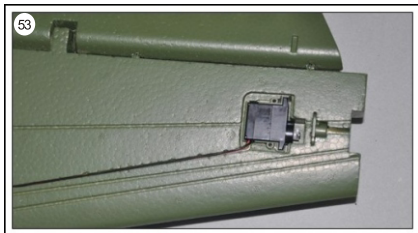
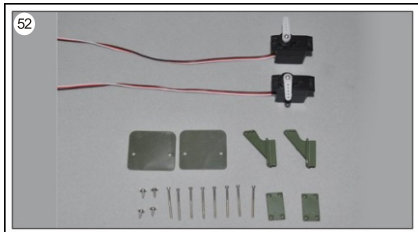


need a length of 1000mm Y line

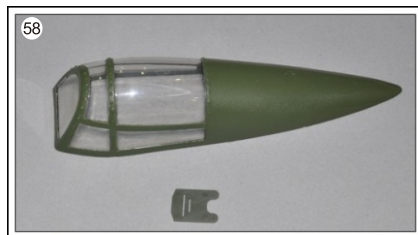
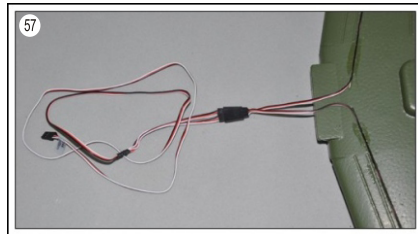
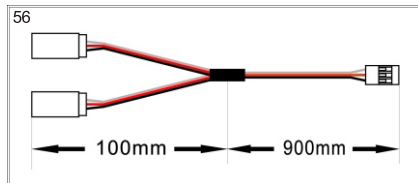


Part Four: the installation of horizontal tail

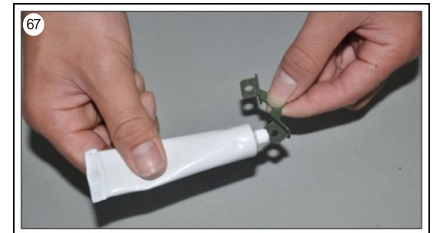
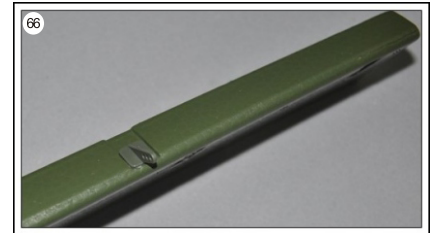
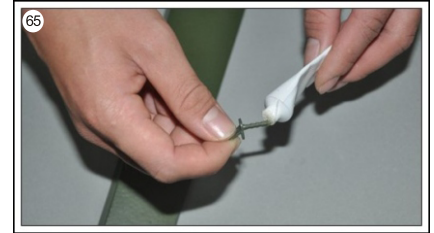
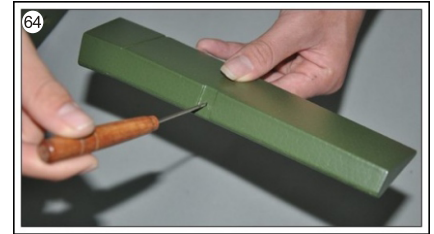
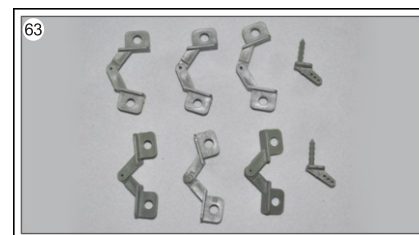
Two length of 350mm line servos to control the rudder



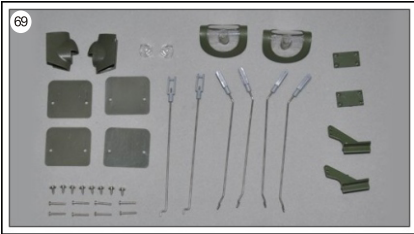
Need a length of 1000mm Y line



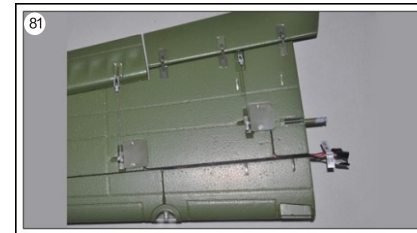
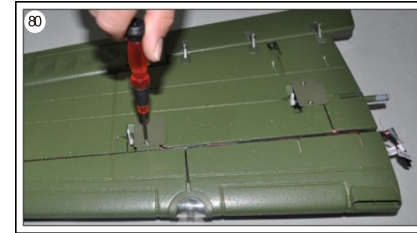
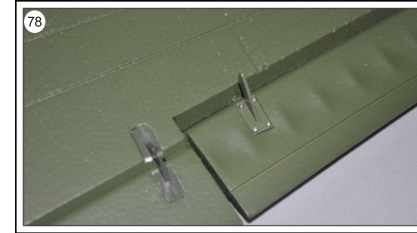
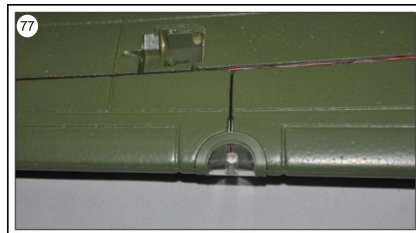
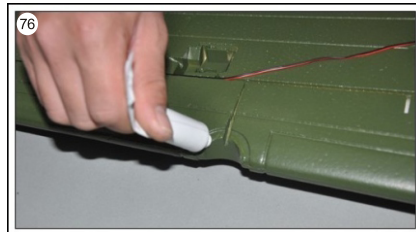
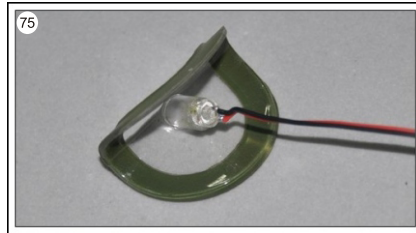
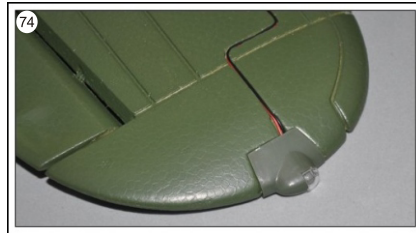
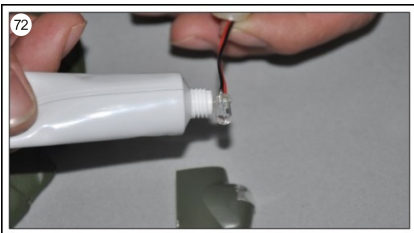
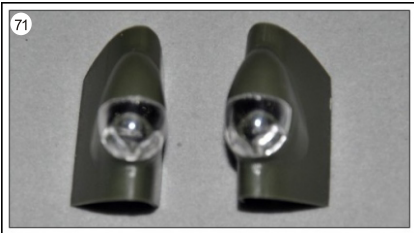
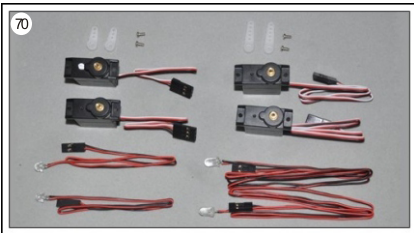
Part Five: the installation of wing flap as follows



Part Six: the installation of wing

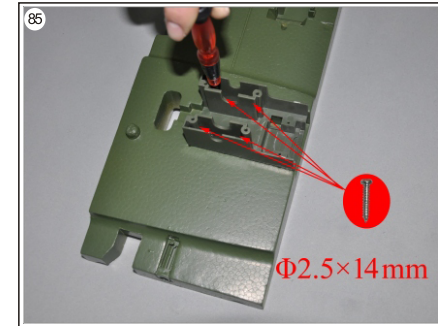
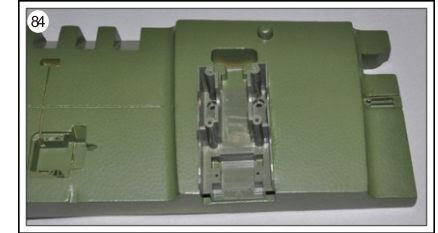
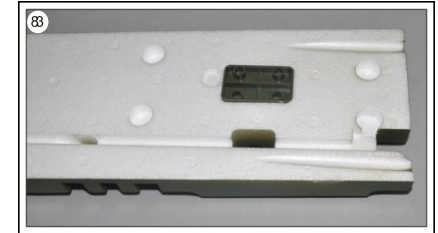
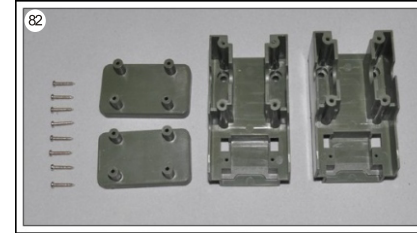


- The wing flap needs a forward servo and a Reverse servo which the length are 1200mm , and the Reverse servo on the right .
- The aileron needs two servos which the length are 250 mm .
- The wingtip needs two LED lights which the length are 670 mm , left is red and right is green .
- The middle of wing needs a white LED light which the length is 270 mm

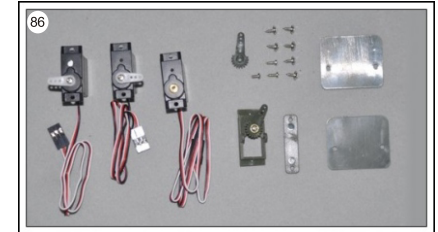


Part seven: the installation of the middle of main wing

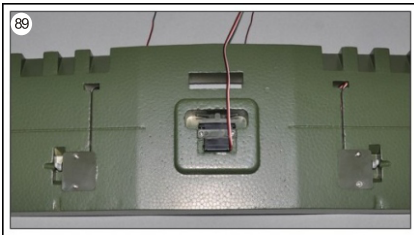
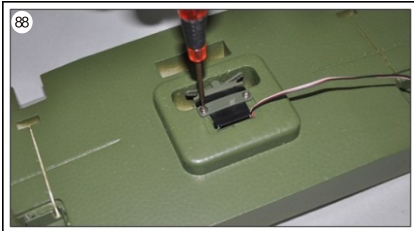
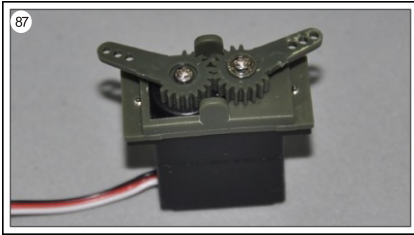
1. The installation of the permanent seat of back retract as follows



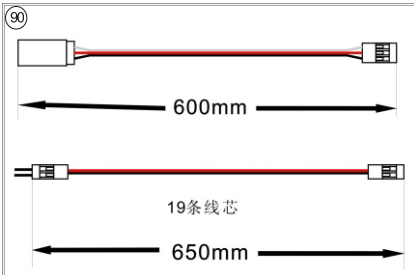
2. the wing flap needs a servo and a Reverse servo which the length is 300mm ,and the Reverse servo on the right
3. the retracement of bomb cover needs a servo which the length is 400 mm



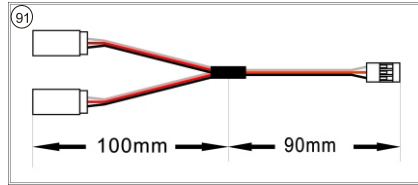
4. Below are the installation pictures for the servo arms of bomb Cover.



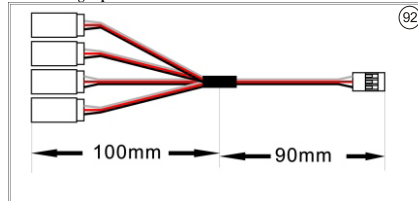
5. There needs 6 extension lines , 2 connected by the servos of aileron , 2 connected by the servo of wing flap and the rest 2 connected by the servos of back retract .
Then there needs 8 extension lines , 4 connected by LED lights , 2 connected by servos of back retract and the rest 2 connected by brake controller .



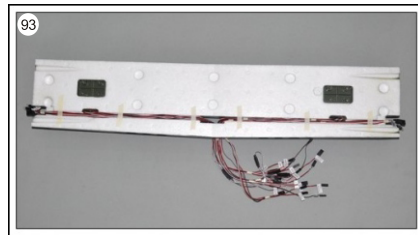
6. A length of 190 mm Y line to connect aileron servos .



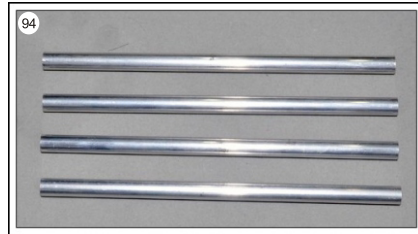
7. A length of 190 mm Y line to be combined by four lines to connect the wing flap servos .



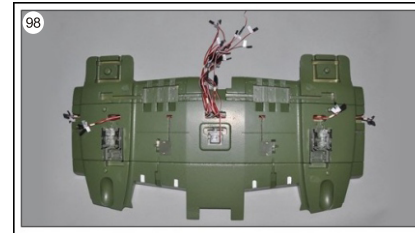
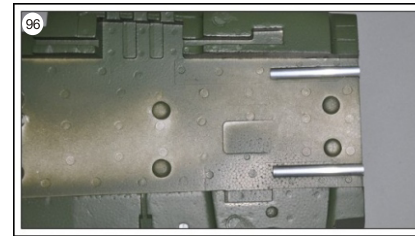
8. the display of signal lines as follows .



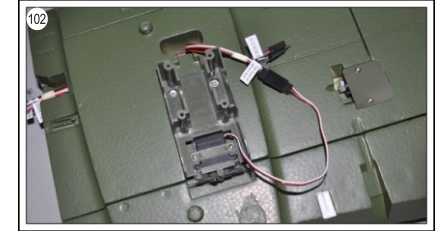
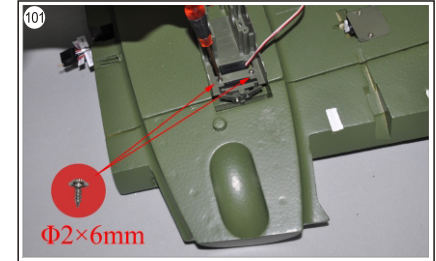
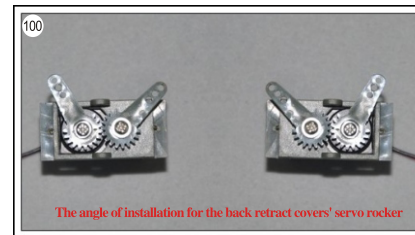
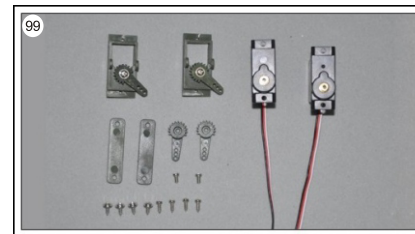
9. 4 aluminium tubes which length are 100 mm



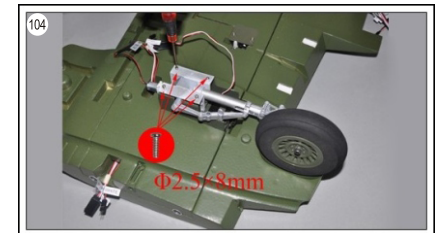
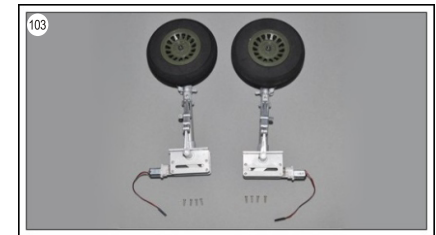
10. The installation of aluminium tubes as follows .



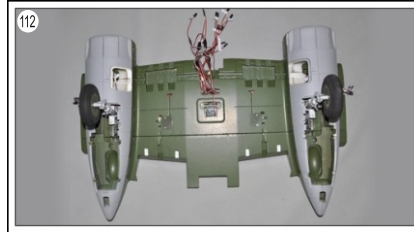
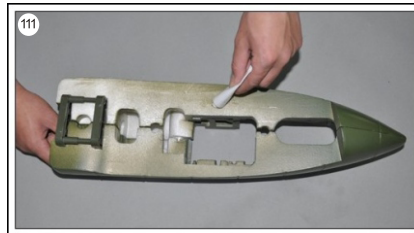
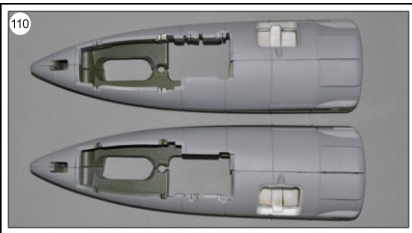
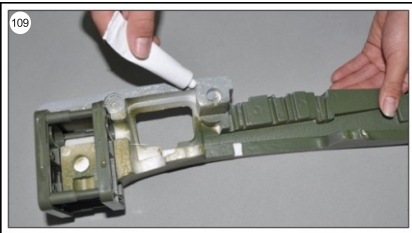
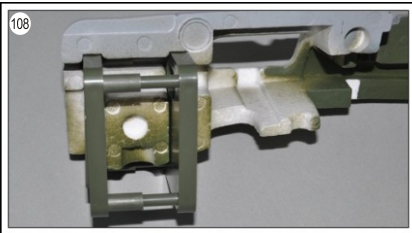
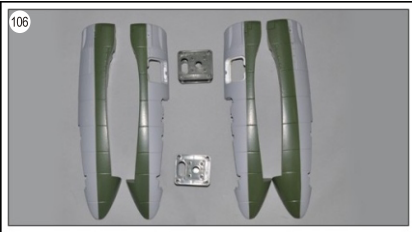
12. Installation of back retract cover retractable servo



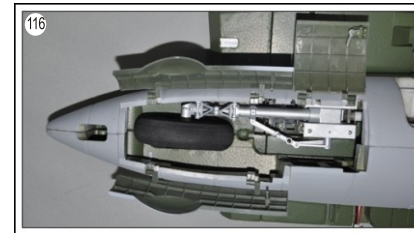
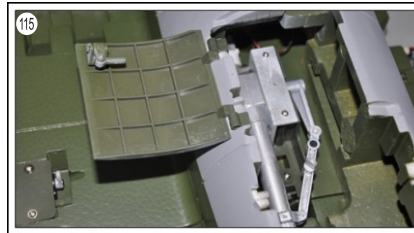
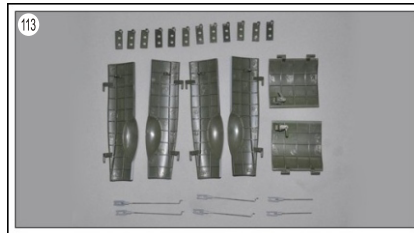
13. Back retract installation



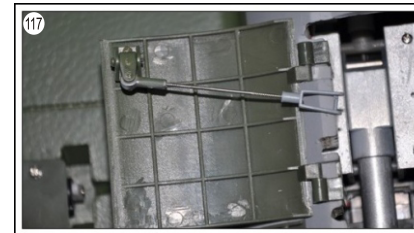
14. Motor cabinet and wheel cabin installation



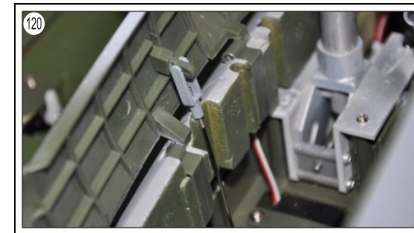
15. Back retract cover installation



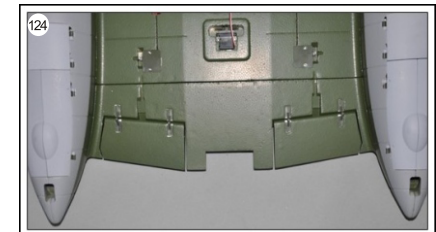
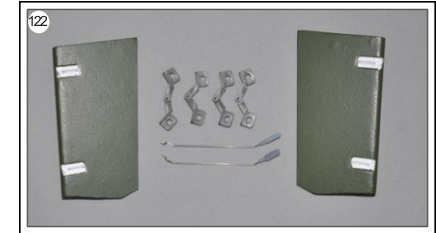
Connection of push rod cover, the length of cover push rod is 54mm

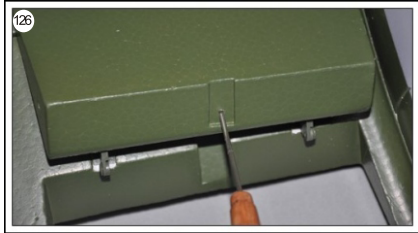


Connection of back cover push rod and the hole of rocker, length of push rod is 72mm and 82mm

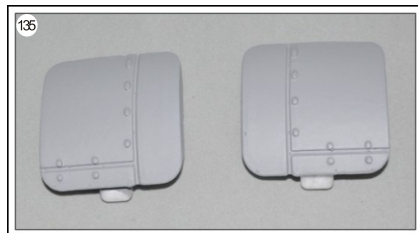
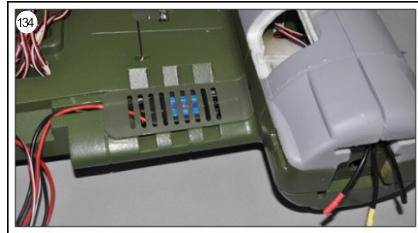
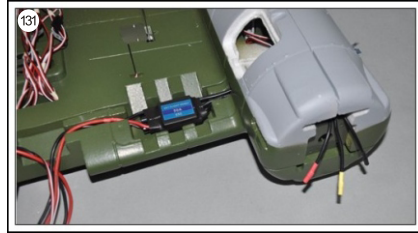
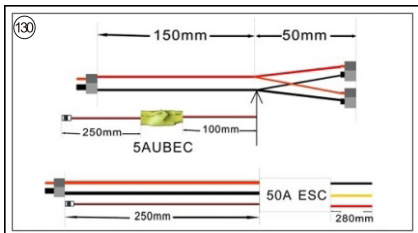
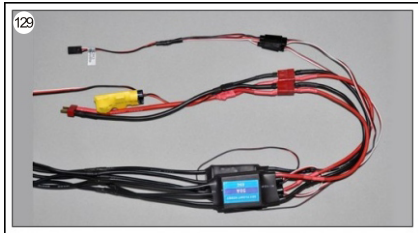


16. flap installation

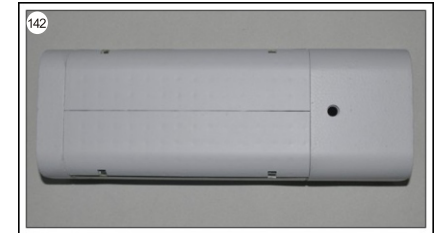
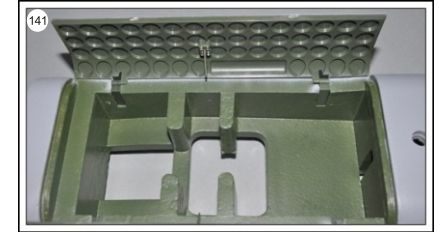
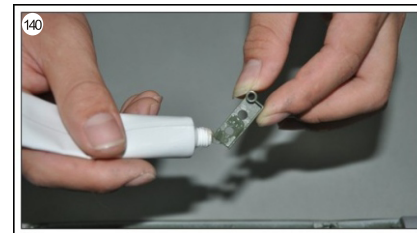
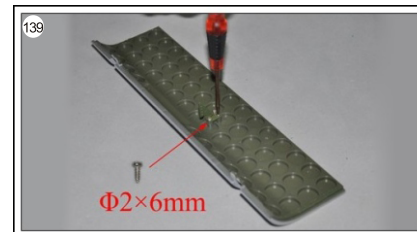




17. ESC installation

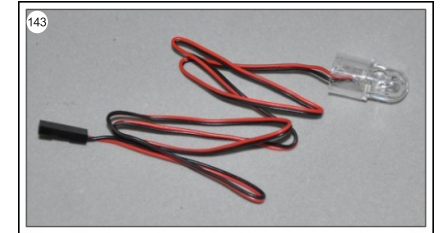


Part eight: bomb cover installation

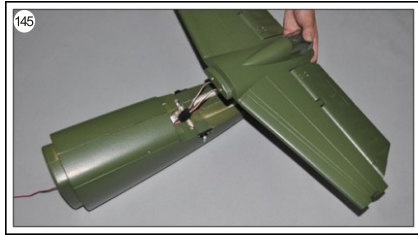


Part nine: red light installation

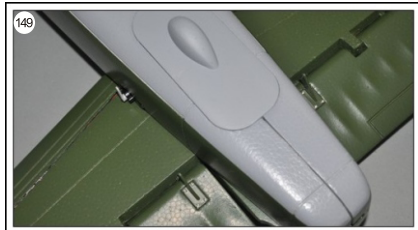
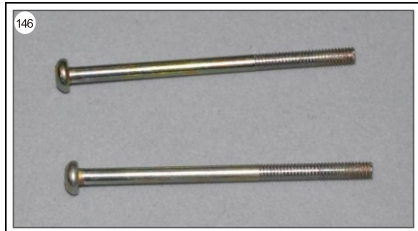
Line :500mm



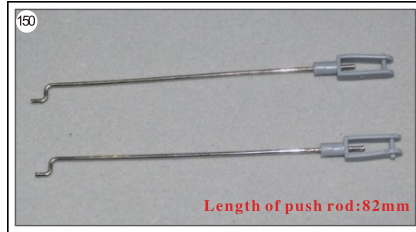
Part ten : connection of horizontal tail and back fuselage



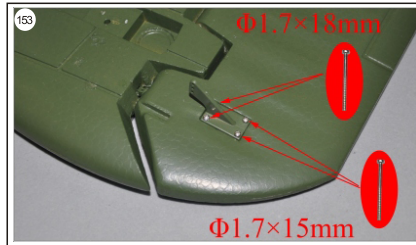
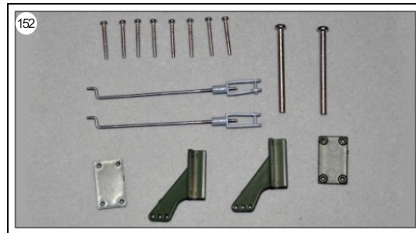
Need two M4 x 60mm screws



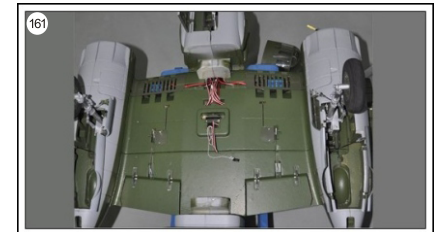
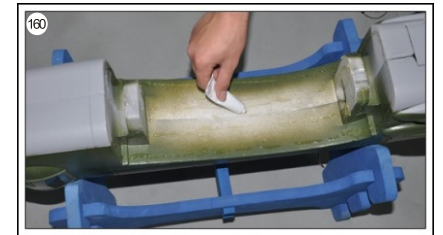
Part eleven: connection of lift push rod



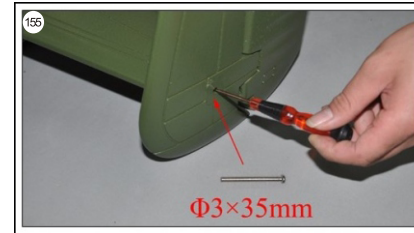
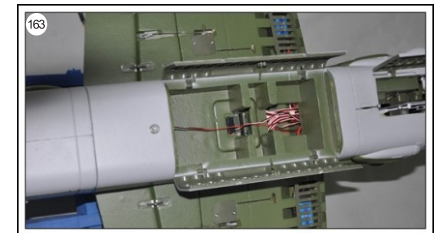
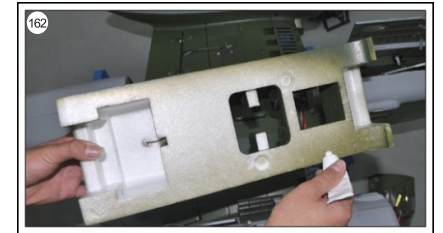
Part twelve: vertical tail installation



Part fourteen: connection of middle wing and the fuselage



Part fifteen: connection of bomb bay and fuselage



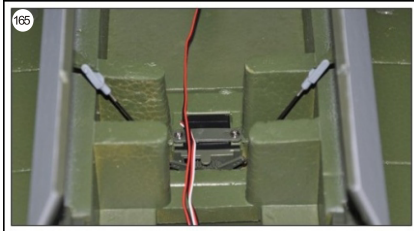
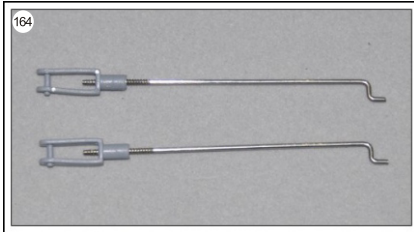
Push rod installation length of push rod:60mm



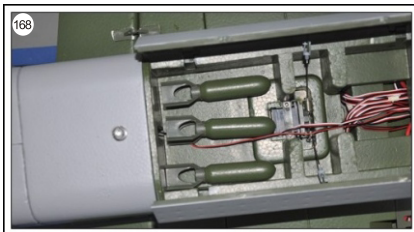
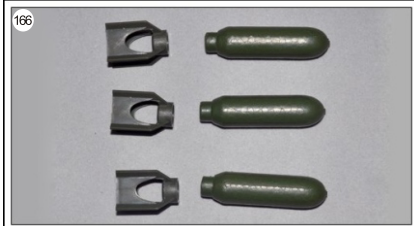
Part thirteen: connection of front and back fuselage



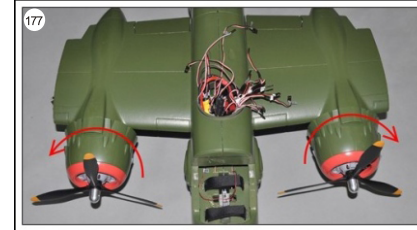
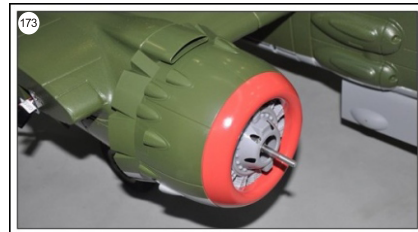
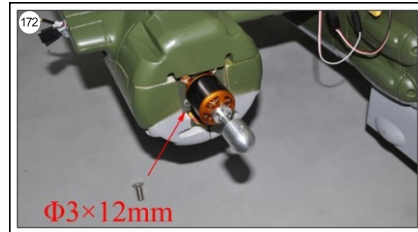
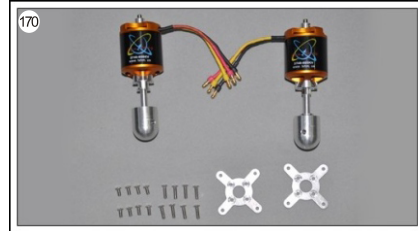
Part sixteen: connection of bomb bay and push rod



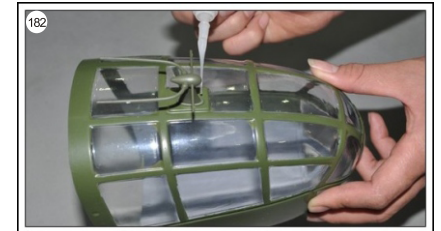
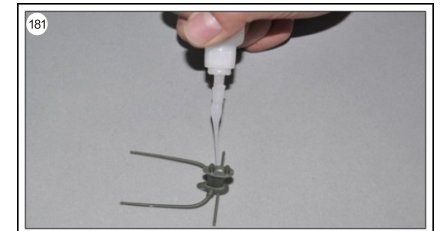
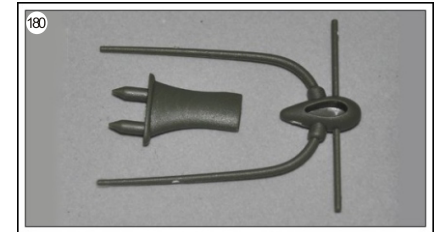
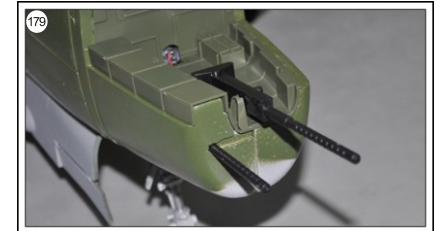
Part seventeen: bombs installation

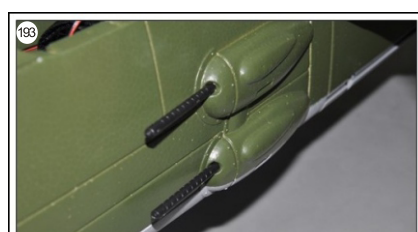
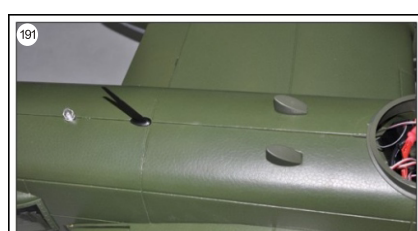
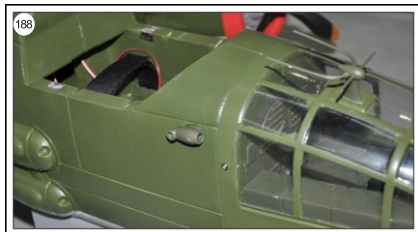
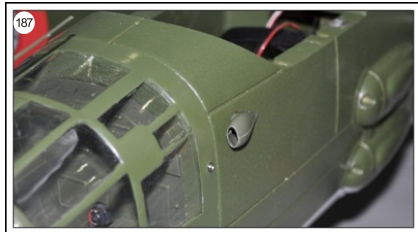
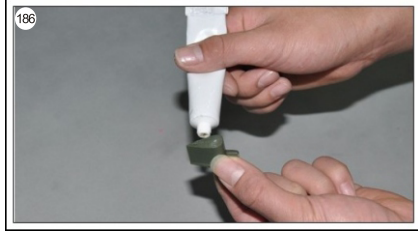


Part eighteen: motor installation

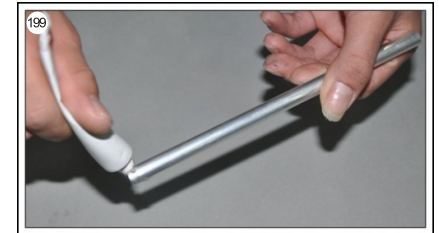


Part nineteen: gun and trimming installation

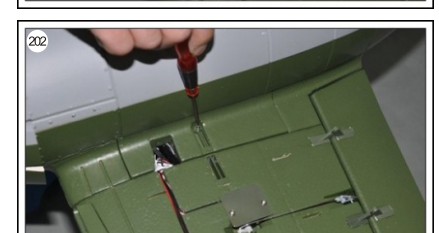
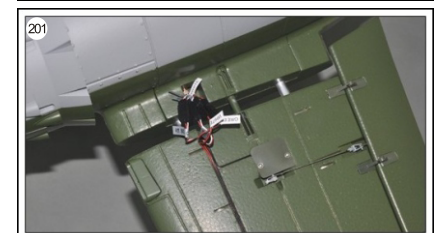
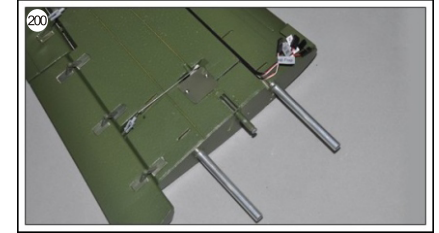




Part Twenty: The connection of wing as follows



Make the plug fixed on the wing

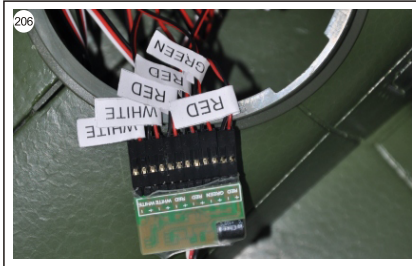
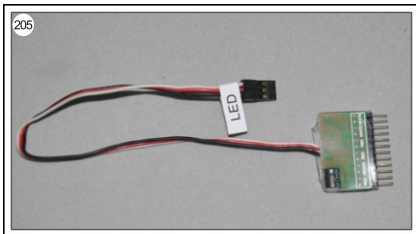


Part Twenty-one: The installation of Decorating Parts of wing

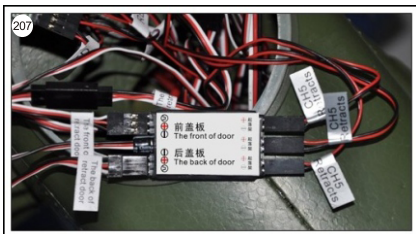




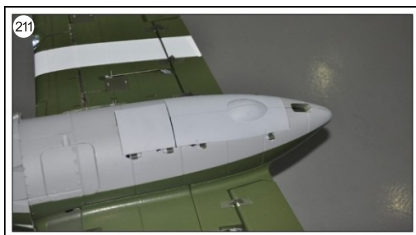
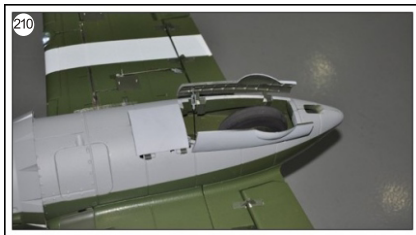
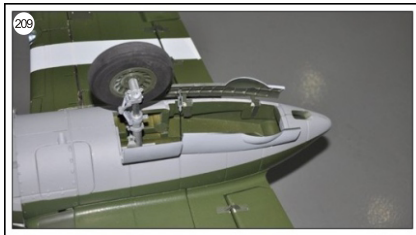
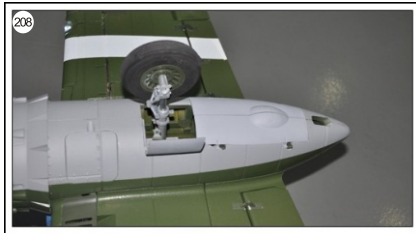
Part Twenty-two: The connection of LED light controller as follows



Part Twenty-three: The installation of retract controller as follows

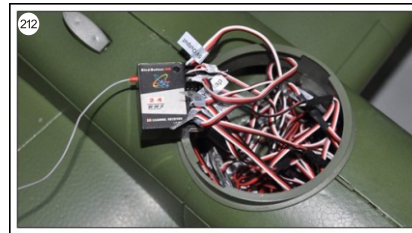


↓ The working principle of retract as follows

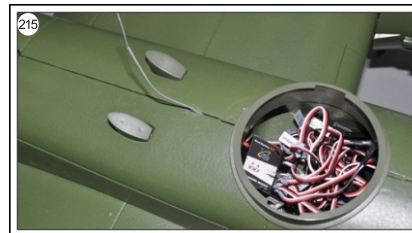
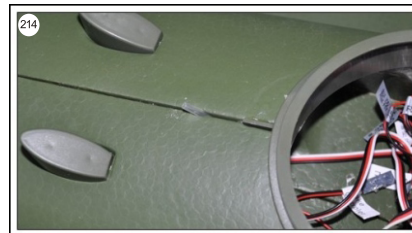
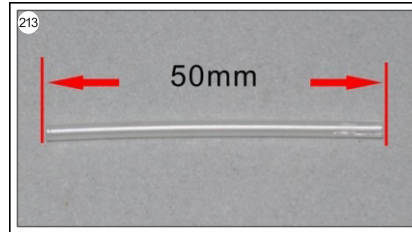


When the retracts withdraw, the retract covers will open first, then the retracts take back, at last, the retract covers close; When lay down the retracts, the retract covers will open first, then the retracts lay down, at last, the retract covers close

Part Twenty-four: The connection of receiver and signal line



Part Twenty-five: The installation of Antenna catheter receiver



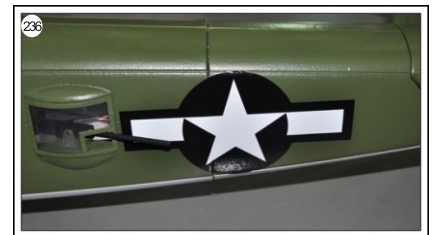
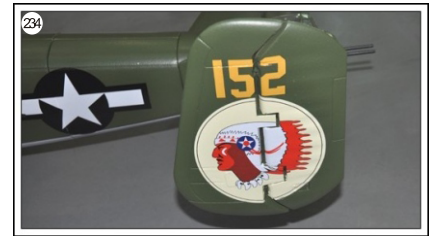
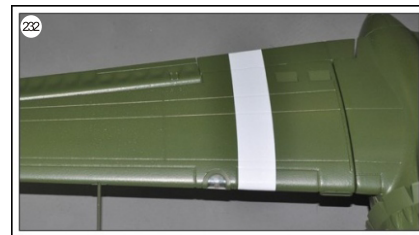
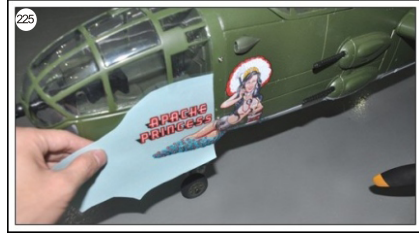
Part Twenty-six: The installation of casemate



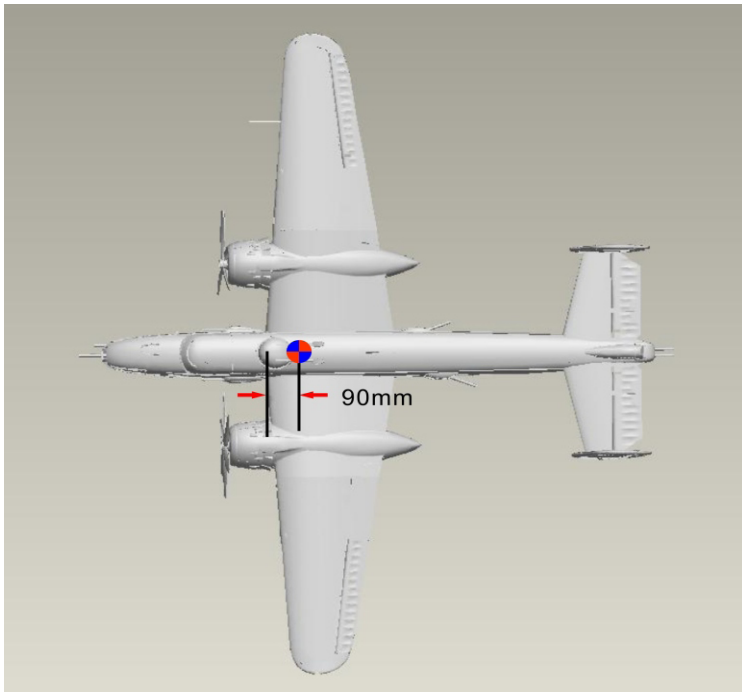
Part Twenty-seven: The installation of battery



Part Twenty-eight: The embellishment part as follows



Part Thirty: The center of gravity (CG) place



Part Twenty: The operation of radio controller as follows

