Before start , please carefully read the explanations!

Hawker Hunter 95.4"



Length:	**2423mm/95.4in**
Wing Span:	**1770mm/69.7in**
Flying Weight:	**29lbs (~13.2kg)**
Turbine:	**12-16kg turbine**
Radio:	**Min. 9 Servos required**
C.G:	**240mm from the leading edge of wing root.**

INSTRUCTION MANUAL

SAFETY PRECAUTIONS

This R/C airplane is not a toy!

(The people under 18 years old is forbidden from flying this model)

First-time builders should seek advice from people having building experience.If misused or abused,it can cause serious bodily injury and damage to property.

Fly only in open areas and preferably at a dedicated R/C flying site. We suggest having a qualified instructor carefully inspect your airplane before its first flight.Please carefully read and follow all instructions included with this airplane,your radio control system and any other components purchased separately.

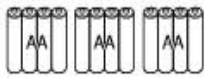
REQUIRED FOR OPERATION (Purchase separately!)

CAUTION: For details concerning the equipment listed below (size, maker, etc.), check with your hobby shop.

1 A minimum 6 channel radio for airplanes (with 8 servos), and dry batteries.

CAUTION: Only use a minimum 6 channel radio for airplanes! (No other radio may be used!)
6 channel radio for aiplane is highly recommended for this model.

12 AA-size Batteries



A minimum 6 channel transmitter for airplanes.



For handling the radio properly, refer to its instruction manual.

2 Engine and Muffler

Model Airplane Engine 12-16 KG Turbine



3 Sponge Sheet



Gasoline tube



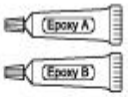
Fuel Filter



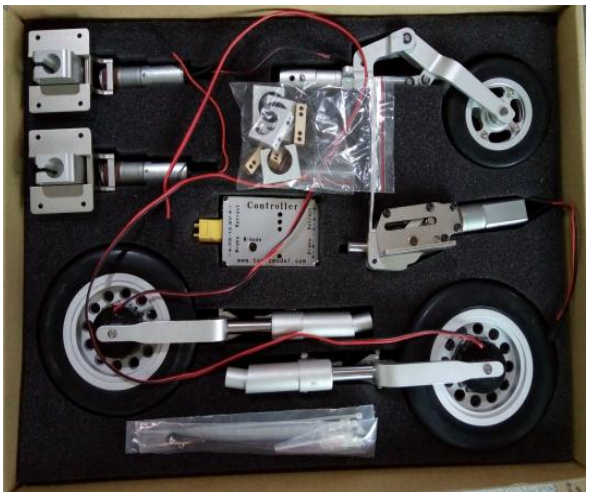
4 Glue

Instant Glue

Epoxy Glue



5 Optional electric retract set



TOOLS REQUIRED (Purchase separately!)

Sharp Hobby Knife



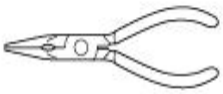
Phillips Screw Driver (l, m, s)



Awl



Needle Nose Pliers



Wire Cutters



Scissors



BEFORE YOU BEGIN

1 Read through the manual before you begin, so you will have an overall idea of what to do.

2 Check all parts. If you find any defective or missing parts, contact your local dealer.

3 Symbols used throughout this instruction manual, comprise:

4 We strongly recommen you use the thread lock for all the screws when you build your model.

Do not overlook this Symbol!

Warning!

A B Apply epoxy glue.

2mm Drill holes with the specified diameter (2mm).

Cut off excess.

Pay close attention here!

L R Assemble left and right sides the same way.

CA Apply instant glue (CA glue, super glue).

Cut off shade portion.

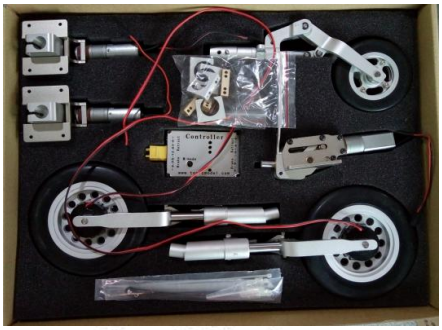
Ensure smooth non-binding movement while assembling.

X Must be purchased separately!

Hunter accessories packing list

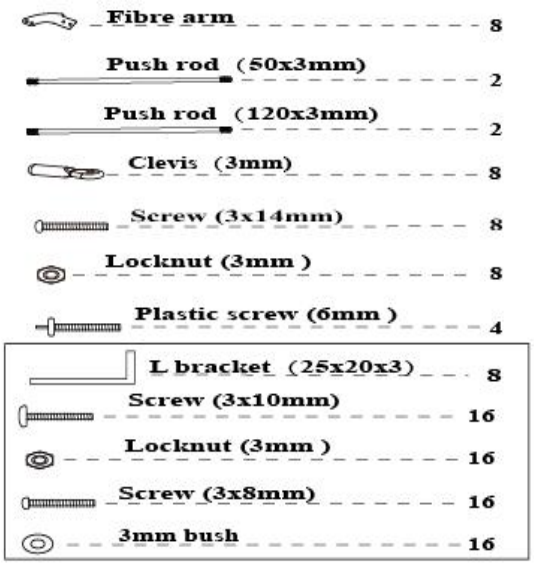
Plastic horn（2mm）	3
Fibre arm	11
Push rod（50x3mm）	2
Push rod（120x3mm）	2
Push rod（85x3mm）	2
Push rod（60x3mm）	1
Push rod（28x2mm）	5
Clevis（2mm）	10
Clevis（3mm）	14
Screw (2x12mm)	10
Screw (3x14mm)	14
Locknut (2mm)	10
Locknut (3mm)	14
Screw (3x10mm)	8
Screw (3x8mm)	8
Screw (3x14mm)	8
Screw (2.6x12mm)	2
Screw (2x8mm)	16
Screw (4x25mm)	3
Eyescrew（3mm）	1
4mm bush	3
3mm bush	10
Pinned hinge	4
Rubber band	1
Plastic screw (6mm)	4
L bracket(25x20x3)	4
Fuel tank and accessories	1

Nose flame (3mm ply)	2
Wing tube 1 (25x403mm)	2
Wing tube 2 (20x382mm)	2
Stab tube 1 (12x316mm)	1
Stab tube 2 (12x178mm)	1
Fuselage plug (10x180mm)	3
L bracket（25x20x3）	14
Screw (3x10mm)	28
Locknut (3mm)	28
Screw (3x8mm)	28
3mm bush	28



Screw (3x14mm)	12
Screw (3x12mm)	8
TP screw (2x8mm)	8
3mm ply	8
Push rod (2X100mm)	2
Nylon swing keeper	2
Clevis（2mm）	2
Screw (2x12mm)	2
Screw (3x10mm)	4
Locknut (2mm)	2
3mm bush	4
Lock nut (3mm)	4
Cable tie	6

Accessory list for the installation of aileron and flap.



1. Apply instand type AB glue to the holes in the flap and hinges.



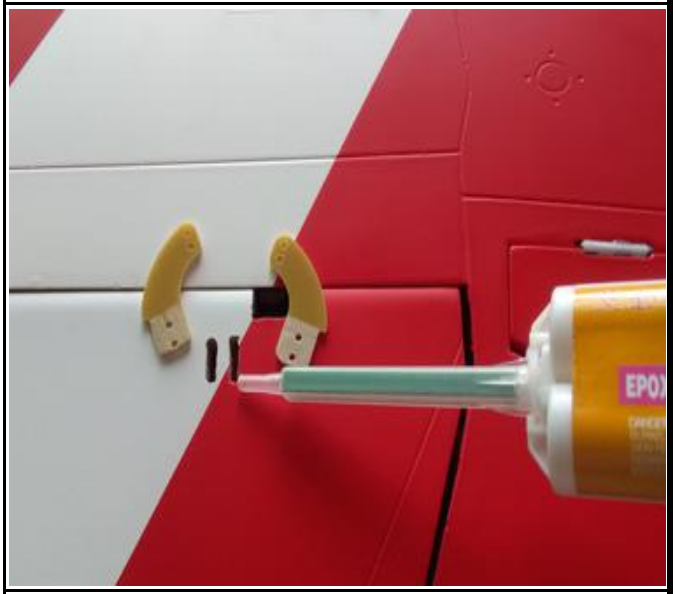
2. Epoxy the flap to the wing, Keep some space about 1mm width between the trailing edge and the flap.



3. Apply instand type AB glue to the holes in the aileron and hinges. Epoxy the aileron to the wing.



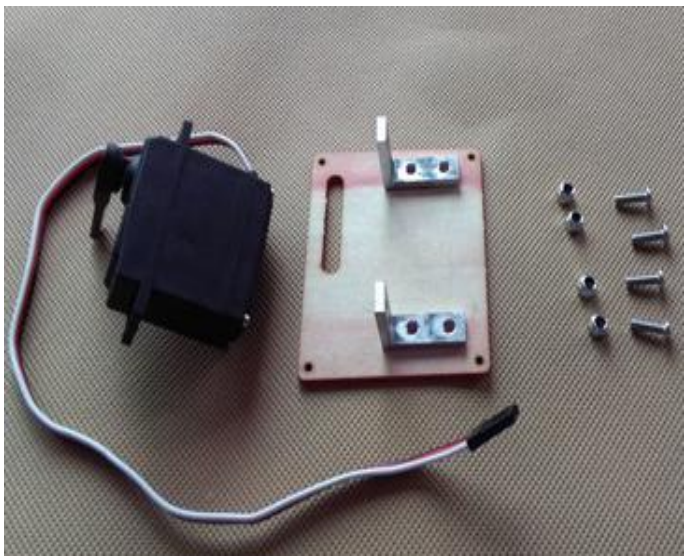
4. Apply AB glue to the slots in the ailerons, and assemble the horns into them.



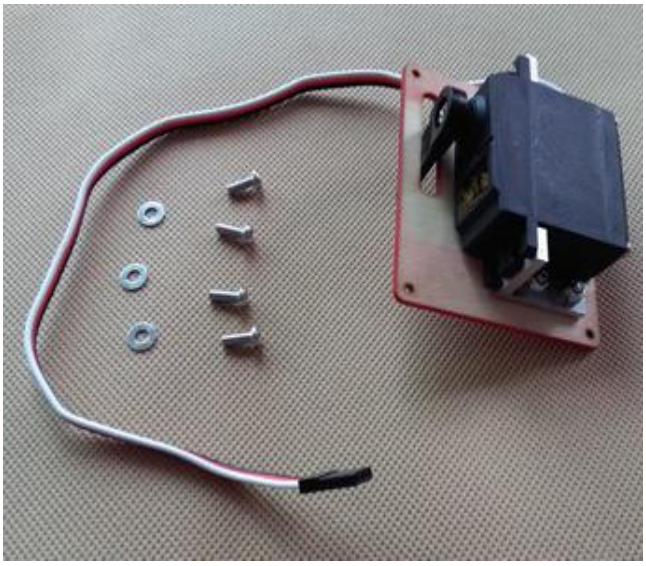
5. Apply AB glue to the slots in the flaps and assemble the horns into them.



6. Assemble the servos to the servo trays.



7. Servos assembled ready.



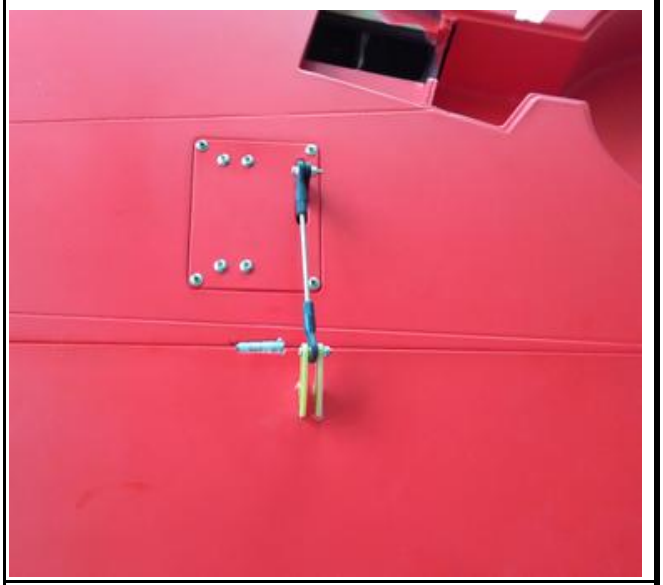
8. Connect the fiber horns to the servo arms with the linkage and lock each side with screws and nut.



9. Fix the servo trays with servo assembled to the wings with screws.



10. Connect the fiber horns to the servo arms with the linkage and lock each side with screws and nut.



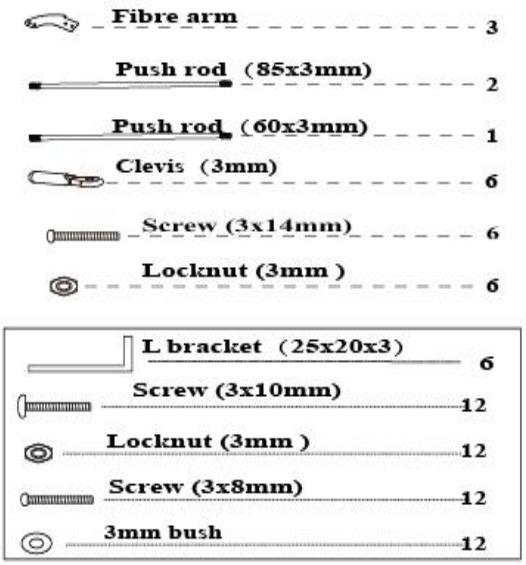
11.Put the plastic screw in the holes of wing, fasten the bomb socket with bombs to the wing.



12. The picture when the bomb assembled to the wing.



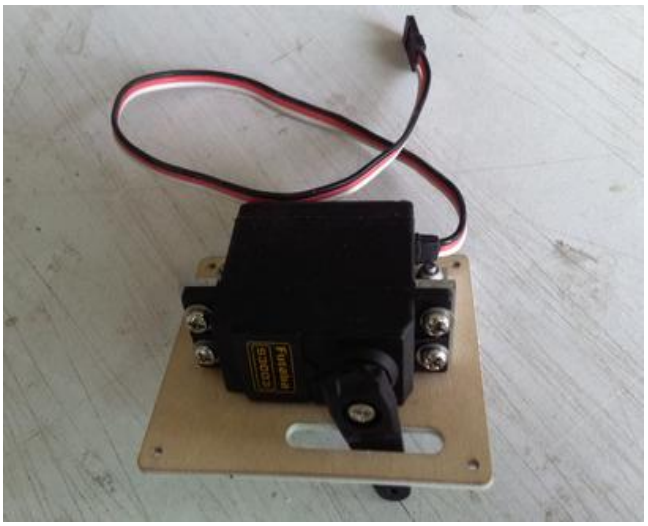
Accessory list for the installation of elevator and rudder.



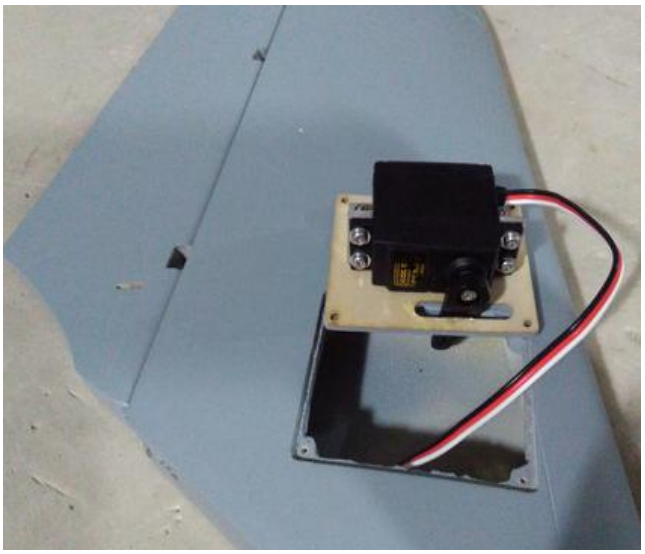
13. Apply instand type AB glue to the holes in the rudder and assemble the rudder to the tail fin.



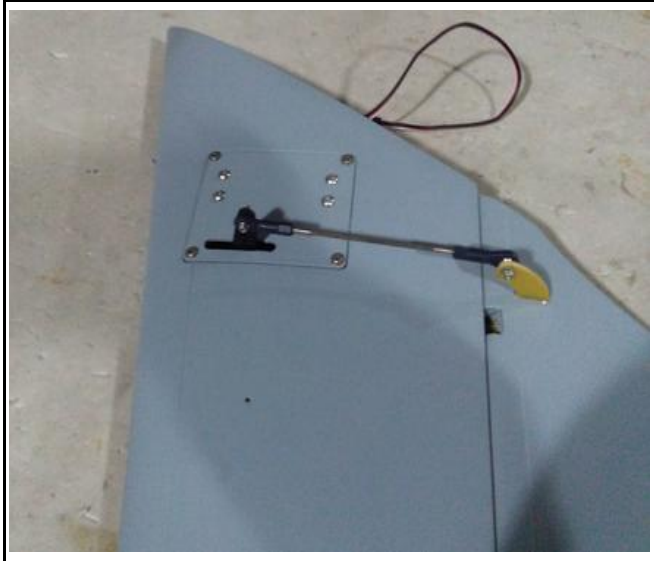
14. Assemble the servos to the stab servo trays and also rudder servo tray.



15. Assemble the servos to the stab servo trays.



16.Fix the servo trays to the stab with screws, Connect the fiber horns to the servo arms with the linkage and lock each side with screws and locknuts.



17.Assemble the servo tray with servo assembled to the tail fin.



18.Connect the fiber horns to the servo arms with the linkage and lock each side with screws and locknuts.



Accessory list for the installation of belly brake.

L bracket（25x20x3）	2
Screw (3x8mm)	4
Bush 3mm	4
Screw (3x10mm)	4
Push rod（28x2mm)	1
Clevis（2mm)	2
Screw (2x12mm)	2
Locknut (2mm)	2

19.Assemble the servo to appropriate position in the fuselage of the belly brake section.



20.Connect the plastic horn in the belly brake to the servo arm with the linkage and lock each side with screws and locknuts.



Accessory list for the installation of main gear door.

Pin hinge	4
Plastic Horn（2mm)	2
Screw (2x8mm)	16
Push rod（28x2mm)	2
Clevis（2mm)	4
Screw (2x12mm)	4
Locknut (2mm)	4

21.Trim slots in the gear door,glue the pin hinges into the gear door and fuselage, assemble the gear door to the fuselage with screws.



22.Assemble the inner gear door to the fuselage with screws
and epoxy.



23.The picture when the inner gear door assembled ready.



24.Assemble the servos of gear doors to the fuselage, trim a lot to appropriate position on the gear house of the fuselage.



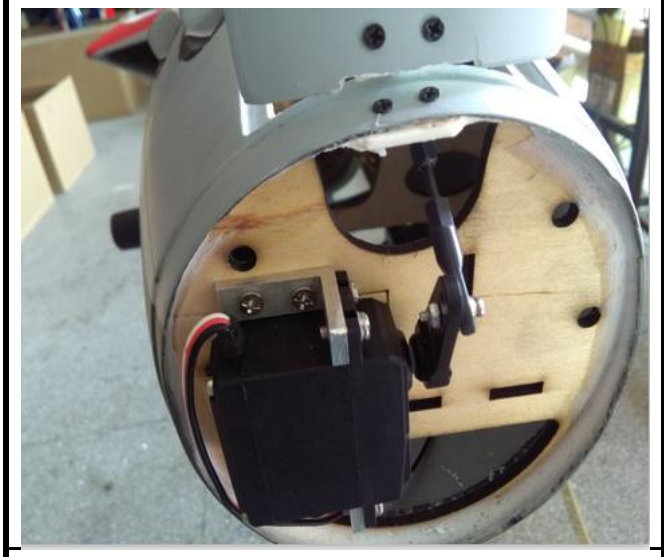
25.Connect the innner gear doors and the servos througn the slot in the fuselage



Accessory list for the installation of Nose gear.

L bracket (25x20x3)	2
Plastic Horn (2mm)	1
Screw (3x8mm)	4
Bush 3mm	4
Screw (3x10mm)	4
Push rod (28x2mm)	2
Clevis (2mm)	4
Screw (2x12mm)	4
Locknut (2mm)	4
Screw (3x14mm)	4
Rod (2X100mm)	2
Nylon Swing Keeper	2
Clevis (2mm)	2
Screw (2x12mm)	2
Screw (3x10mm)	4
Locknut (2mm)	2
Bush 3mm	4
locknut (3mm)	4

26.Fix the the plastic horn base to propriate position on the fuselage with glue and screw, assemble the plastic horn to the nose half gear door with glue and screws.



27. Connect plastic horn to the servo via push rod and screws.



28. Assemble the nose landing gear and the servo to the nose retract.



29.Assemble the nose retract to the fuselage with screws and assemble the back half nose gear door.



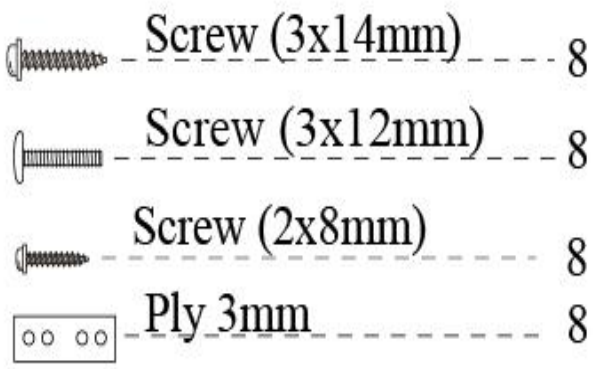
30.Connect the back half nose gear door to the landing gear with push rood and screws.



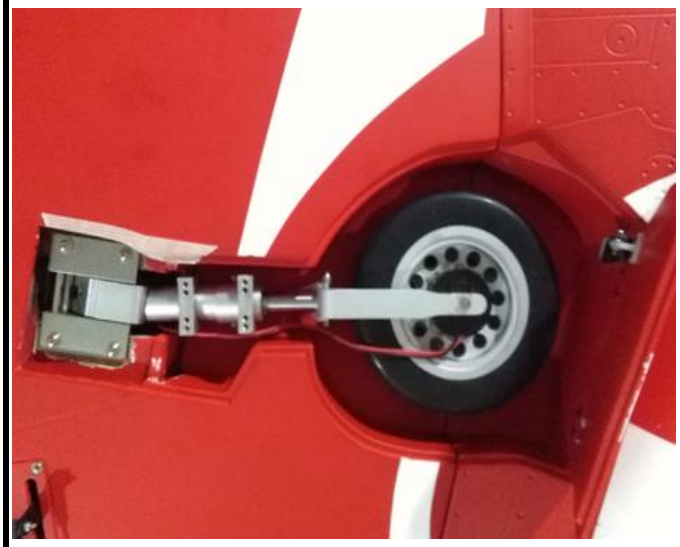
31.The picture when the nose gear up.



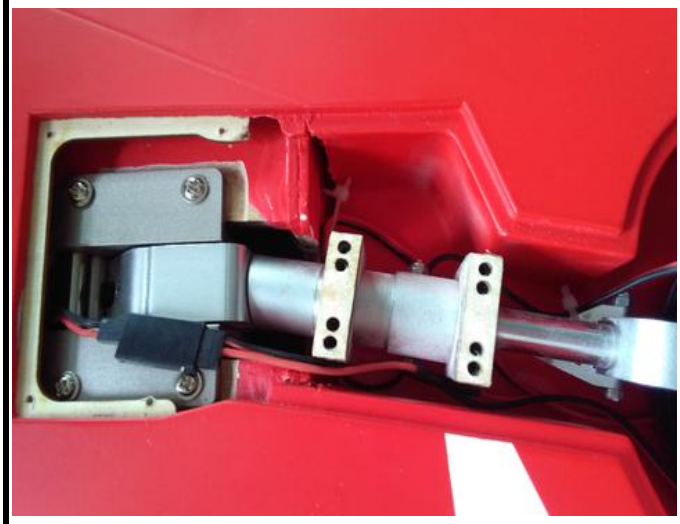
Accessory list for the installation of main gear.



32.Assemble the main retracts to the wings.



33.Glue the plies to the socket rings on the landing gear.



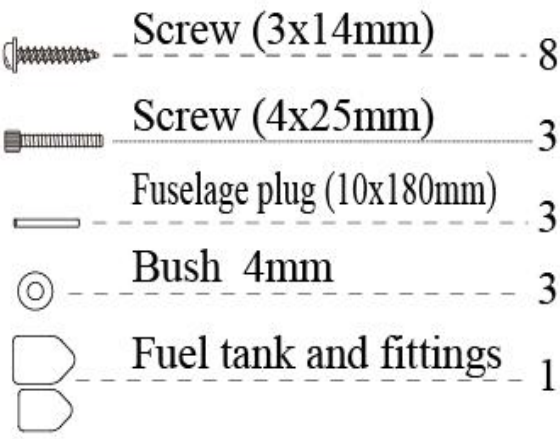
34.Assemble the main gear door to the landing gear with screws.



35.The picture when the main gear up.



Accessory list for the installation of tail pipe.



36.Put the fuselage plugs to one fuselage, assemble the two fuselage together through the fuselage plugs.



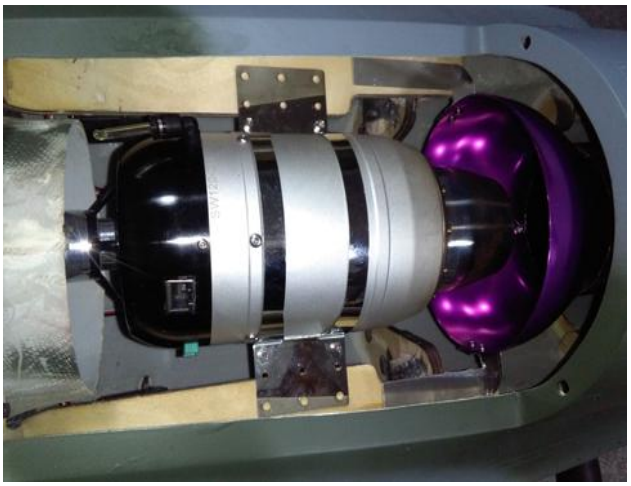
37.When the fuselages be assembled together, fasten them with screws from the fuselage.



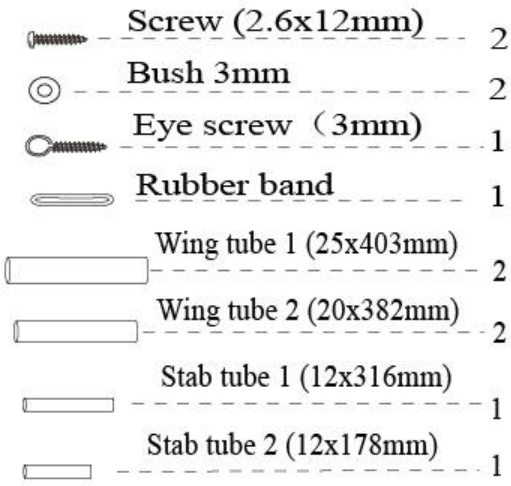
38.Assemble the fuel tank to the fuselage.



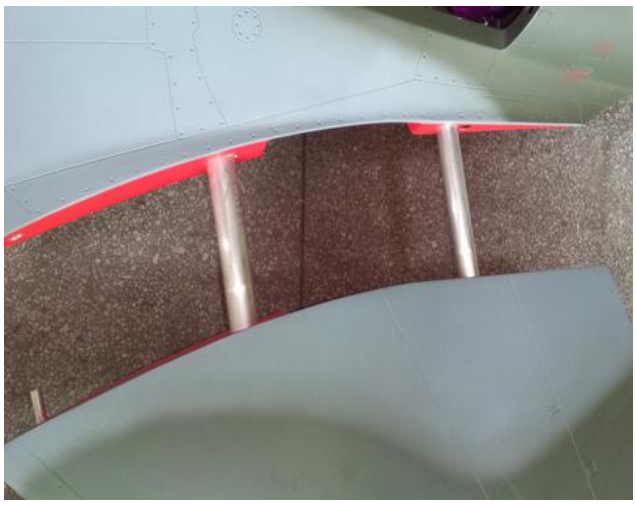
39.Assemble the engine and tail pipe to the fuselage with screws.



The accessory list for fix the wing



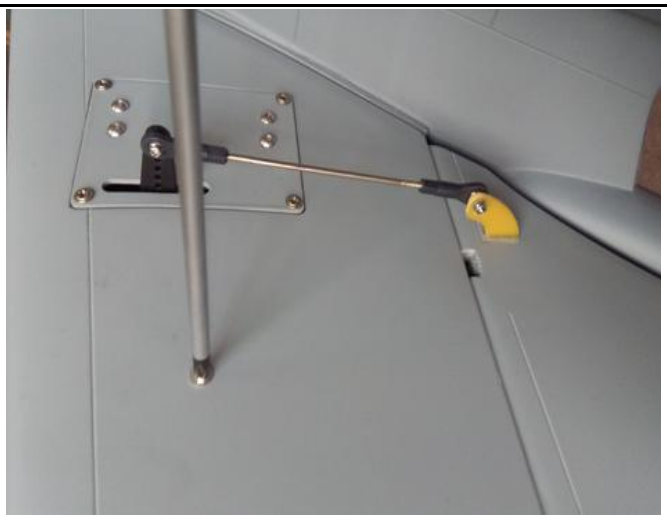
40.Fix the wing to the fuselage through the wing tubes.



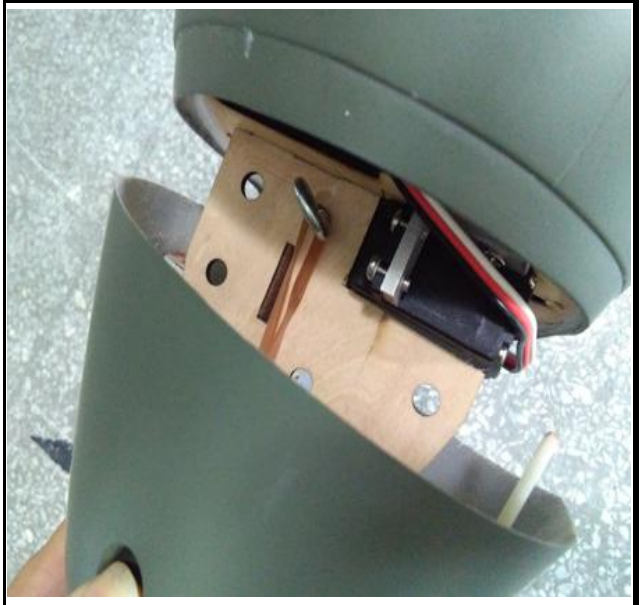
41.Lock the wings from the holes on the bottom fuselage with screws.



42.Assemble the stab to the fuselage through the stab tubes and lock them with screws.



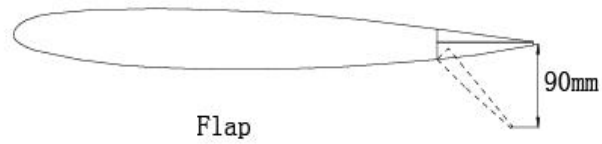
43. Assemble the nose cover to the fuselage with rubber band.

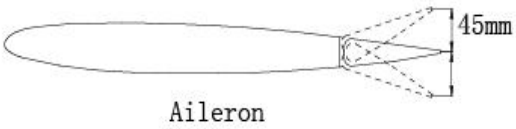


44.The picture when the hunter assemble ready.

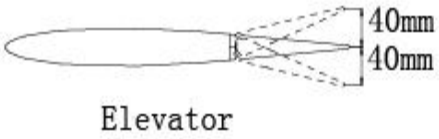


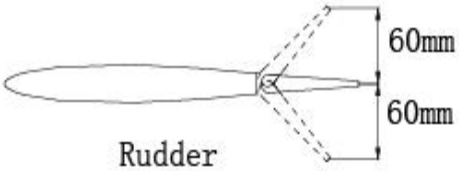
45. Adjust the travel of each control surface to the values in the diagrams. These values fit general flight capabilities.Readjust according to your needs and flight level.



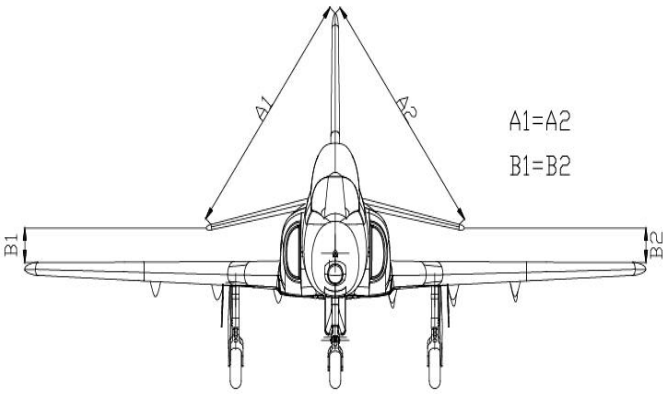


46. Adjust the travel of each control surface to the values in the diagrams. These values fit general flight capabilities.Readjust according to your needs and flight level.

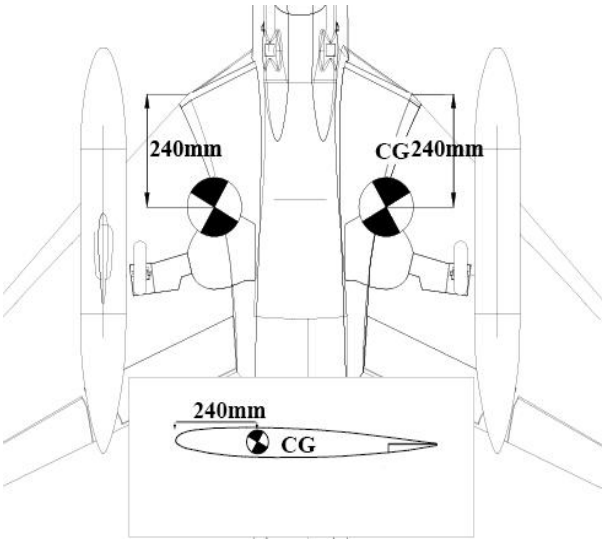




47. Check all the datas well. make sure all sections glue tightly. Otherwise if coming off during flights, you'll lose control of your airplane which leads to accidents!



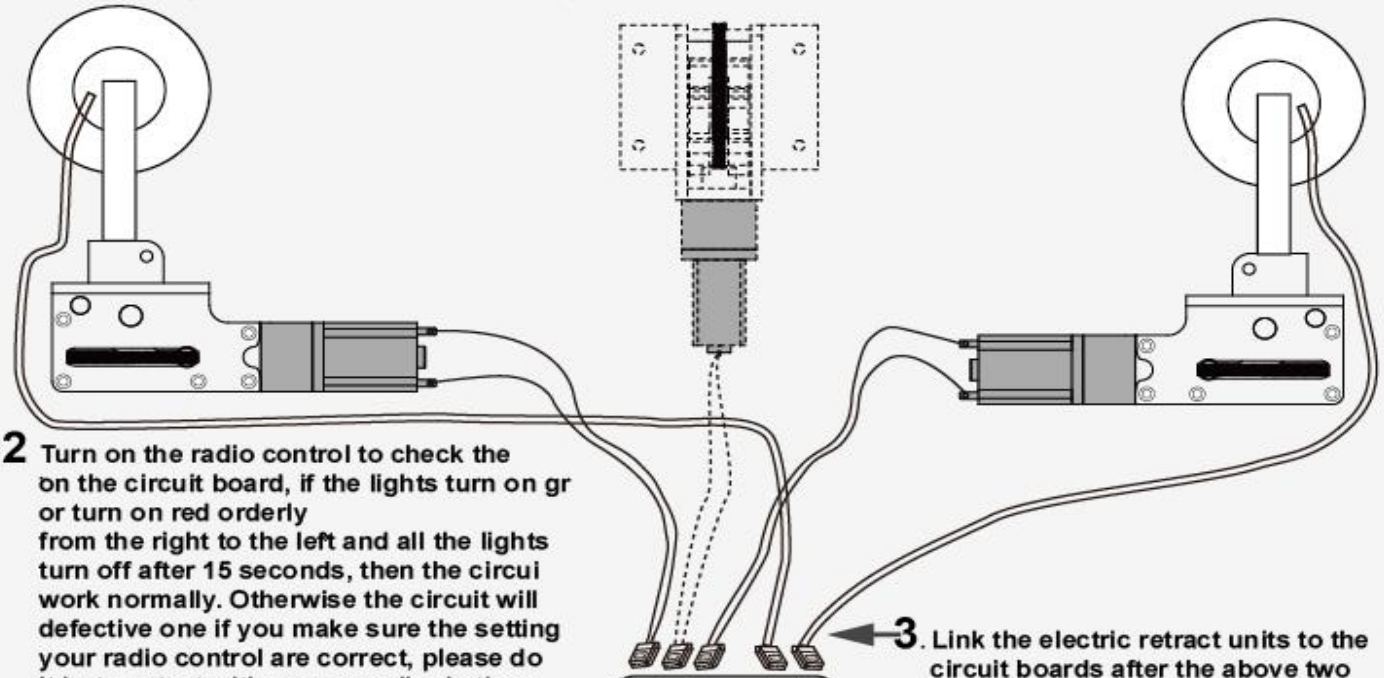
48.C.G: Never fly before checking the CG's required position. Never fly the model without well balancing.



Electric retract system

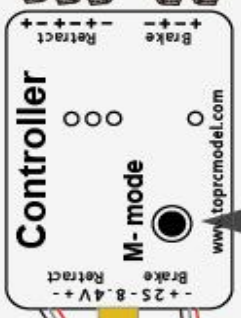
Thank you very much for purchasing our TRCM optional electric retract set, all our products were passed strict QC before they shipped out to the customers. In order to avoid probably trouble happen, we still would like you to follow the steps below before you assemble our electric retracts to your plane.

1. Connecting the circuit board to the battery and receiver.

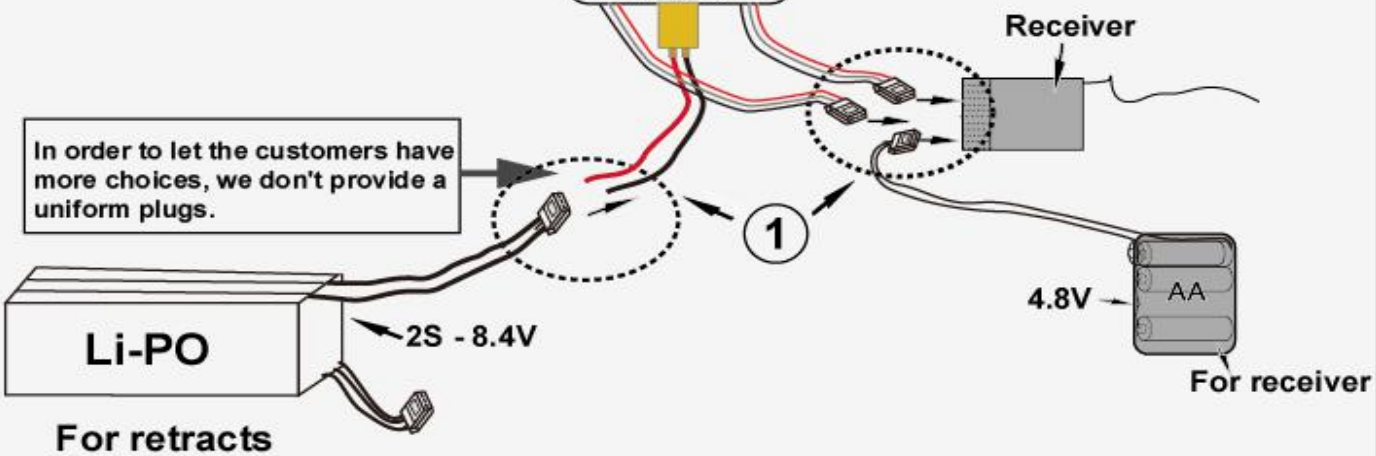


2 Turn on the radio control to check the
on the circuit board, if the lights turn on gr
or turn on red orderly
from the right to the left and all the lights
turn off after 15 seconds, then the circui
work normally. Otherwise the circuit will
defective one if you make sure the setting
your radio control are correct, please do
it but contact with your supplier in time.

3. Link the electric retract units to the circuit boards after the above two steps, check again the electric retracts to see if they can work normally or not.



4 The M-mode buttom can be used for testing the e-retracts without remote control nor receiver.



. Assemble the electric retracts to the plane after several times smoothly running.

Warning! Please don't ceaselessly turn and off the switch in 2 seconds, if you do this way, the circuit board will be heated.