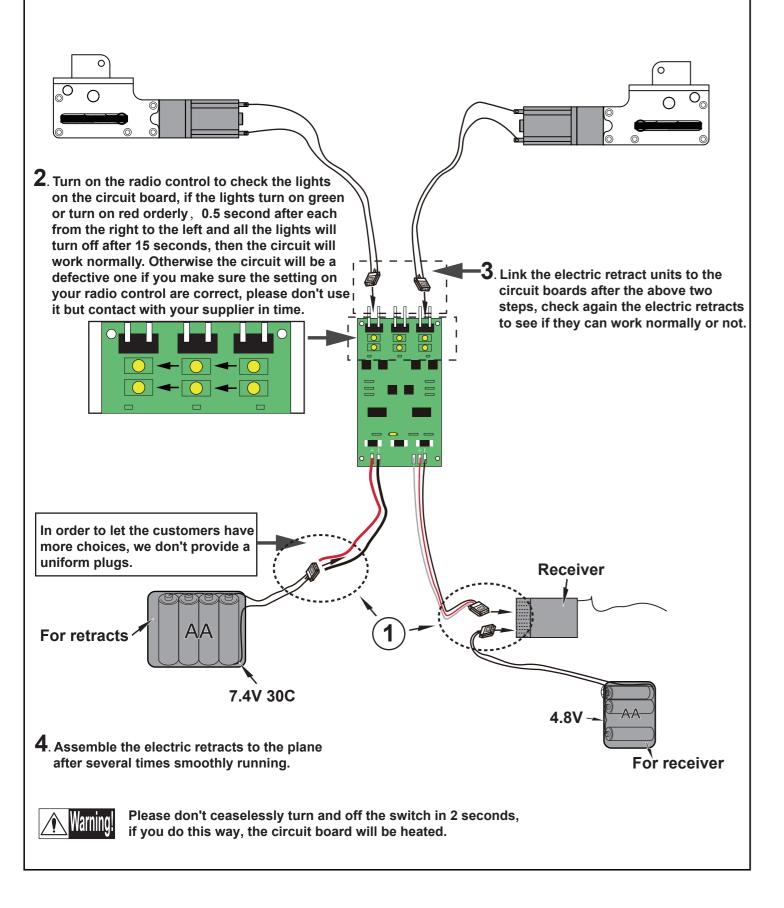
Electric retract system

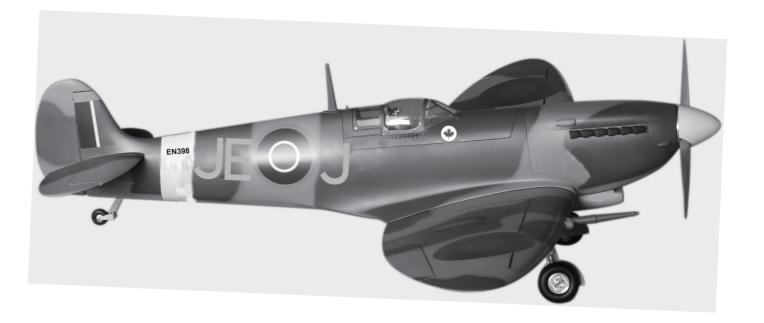
Thank you very much for purchasing our TRCM optional electric retract set, all our products were passed strict QC before they shipped out to the customers. In order to avoid probably trouble happen, we still would like you to follow the steps below before you assemble our electric retracts to your plane.

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



Before start, please carefully read the explanations!

Spitfire Mk.IX ARF



Specification:

Wing Span: 2058mm/81in Length: 1715mm/67.5in

Flying Weight: ~7.6kg Wing area: 74.95 dm2 Engine: 35cc-40cc R/C System: 2.4Ghz 6ch

Servo: GP *7; EP * 6

Battery: LI-PO 5S*2 5000mAh 30C ESC: 120A High voltage Brushless ESC

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.

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!)

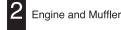
6 channel radio for aiplane is highly recommended for this model.



A minimum 6 channel transmitter



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



Model Airplane Engine 35cc gas engine





Propeller Spinner



4.25 in scale spinner



Motor: Outer rotor, 63-60 220KV

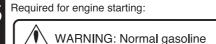


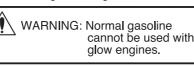
Sponge Sheet













Fuel Pump **Booster Cord**



Other equipment for enhancing airplane operation & performance





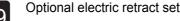










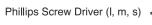




TOOLS REQUIRED (Purchase separately!)

Sharp Hobby Knife



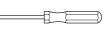


Purchase a propeller that

will match your engine.

Engine 19"X10

Motor 21"X12















Do not overlook this

Symbol!

BEFORE YOU BEGIN

- Read through the manual before you begin, so you will have an overall idea of what to do.
- Check all parts. If you find any defective or missing parts, contact your local dealer.
- Symbols used throughout this instruction manual, comprise:
- We strongly recommen you use the thread lock for all the screws when you build your model.



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



Drill holes with the





Pay close attention

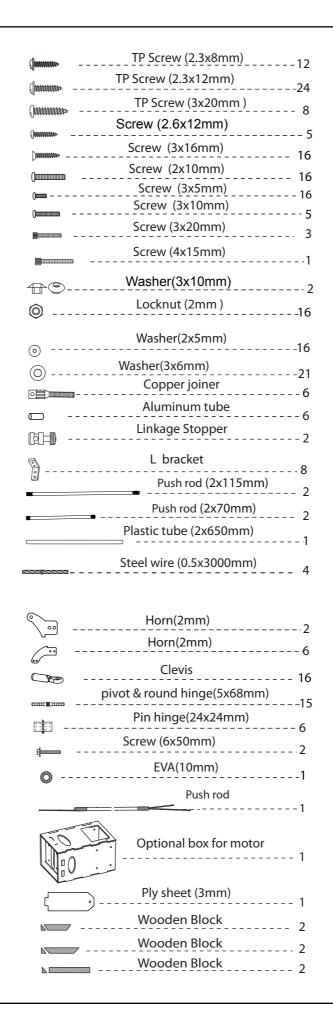


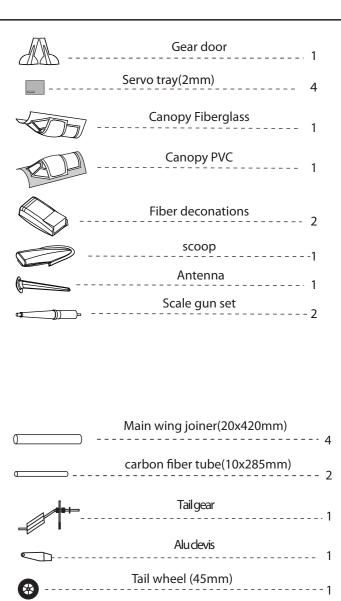
sides the same way Must be purchased

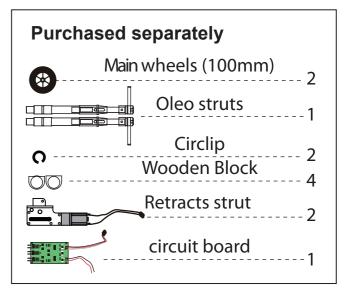
Assemble left and right



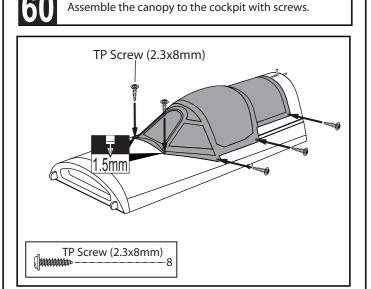
Accessories packing list

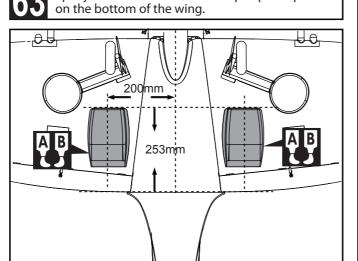




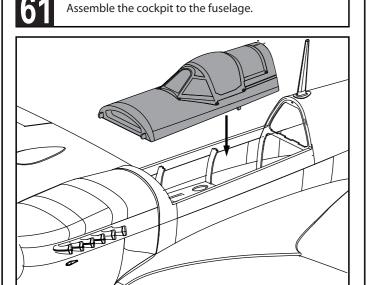


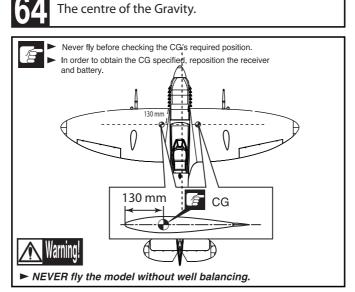
Fuel tank (550cc)

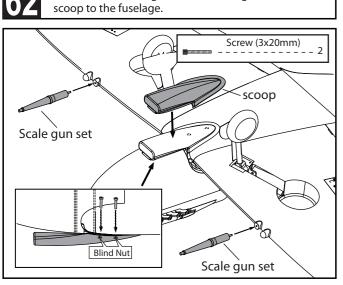




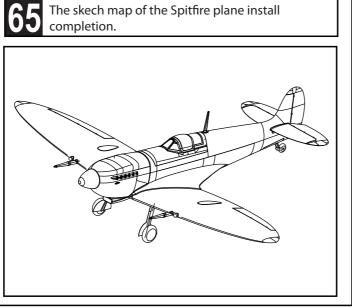
Epoxy the fiber deconations to aprropriate position



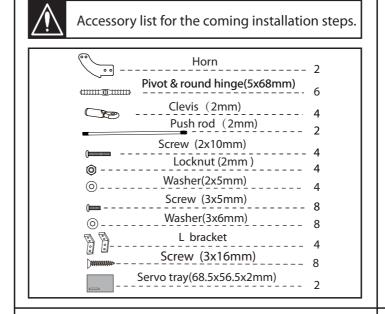


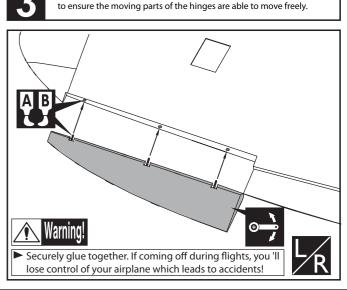


Assemble the scale gun set to the wing and the fiber



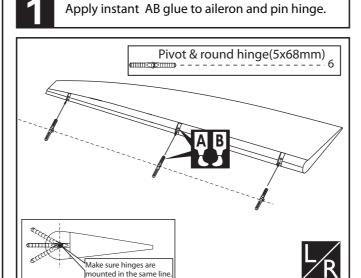


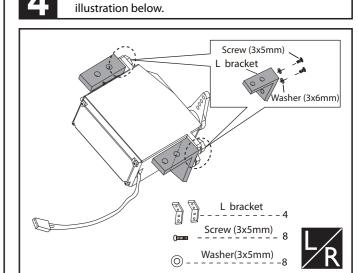


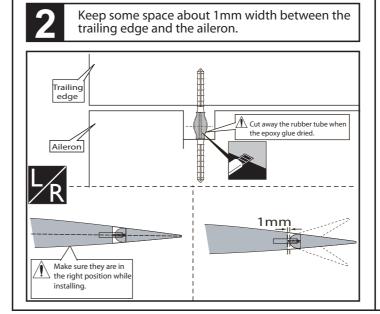


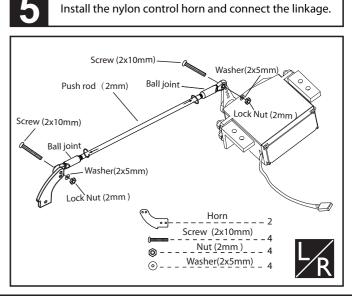
Install the L brackets to the servo of aileron as

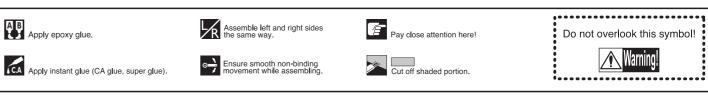
Assemble the aileron to main wing with instant type AB glue. Be careful



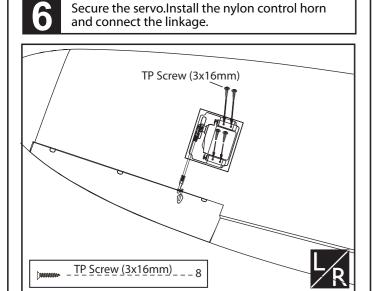


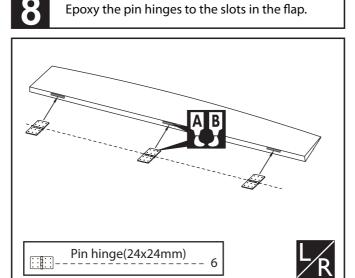


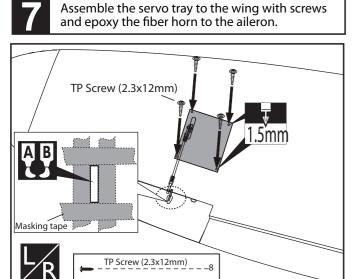


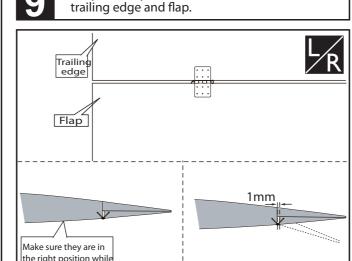


12

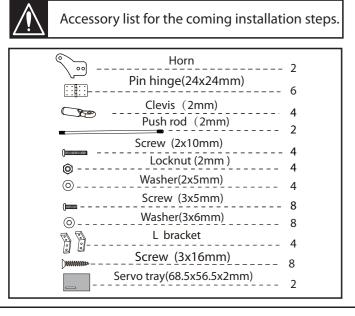








Keep some space about 1mm width between

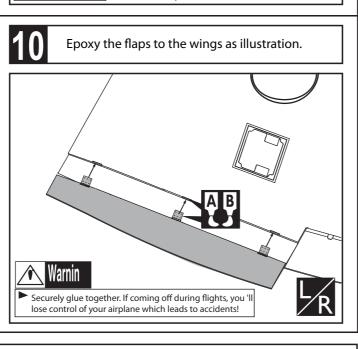


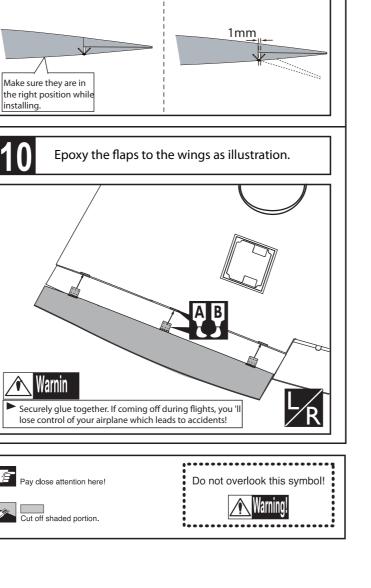
Assemble left and right sides the same way.

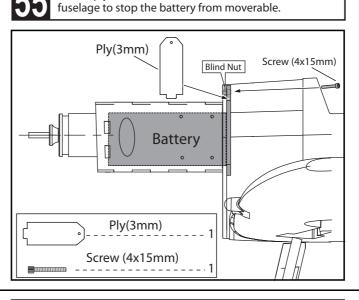
Ensure smooth non-binding movement while assembling

Apply epoxy glue

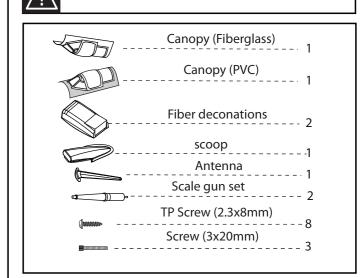
C.A Apply instant glue (CA glue, super glue).



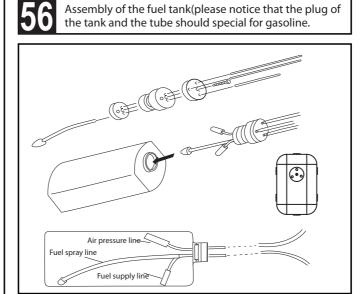


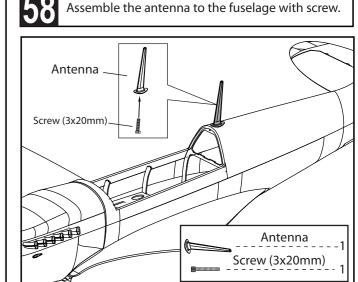


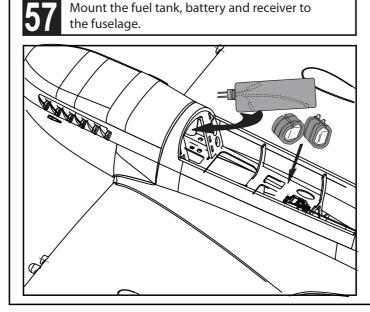
Fix the ply sheet as illustration with screw from the

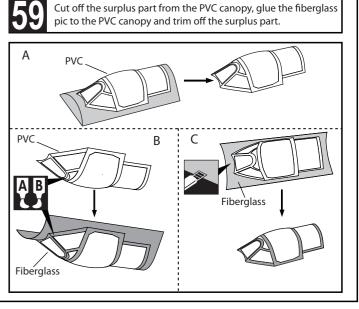


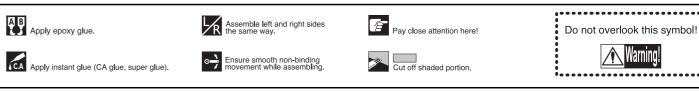
Accessory list for the coming installation steps.

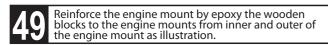


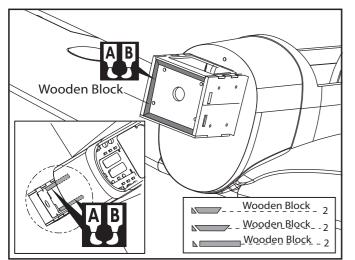


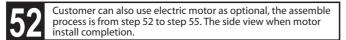


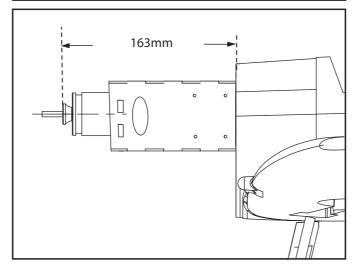




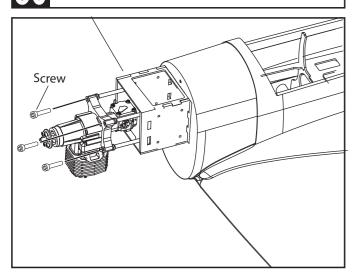




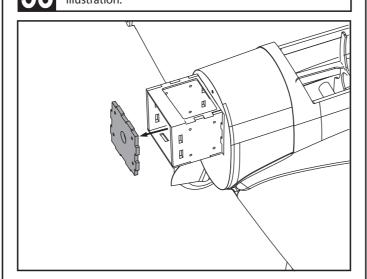




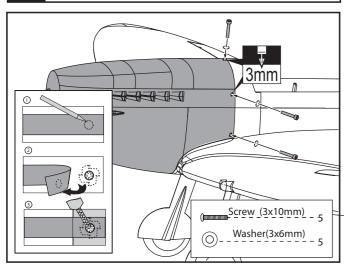
Install the engine to the engine mount with screws.



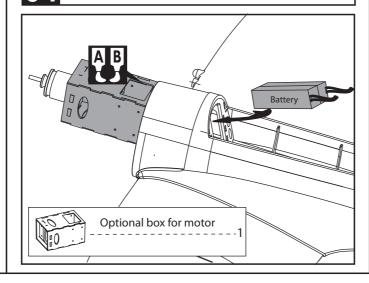
Remove the firewall off from the engine mount as illustration.



Using scotch tape, one side of it fixed, cover the blind nut hole and mark where the blind nut holes are put the cowl to it is place on the fuselage, base on the marks on the scoth tape drill holes to the cowling.



Epoxy the optional box to the engine mount and put the battery to the box from the hatch on the fuselage.



A B Apply epoxy glue

Apply instant glue (CA glue, super glue).

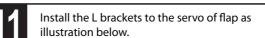
Assemble left and right sides the same way.

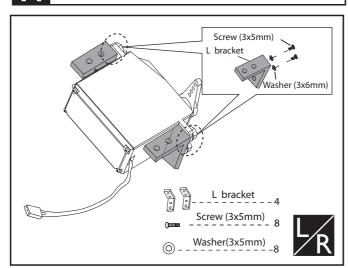


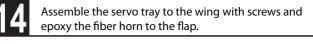
Ensure smooth non-binding movement while assembling

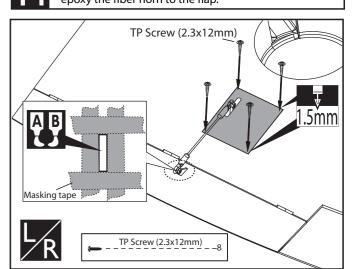


Do not overlook this symbol!

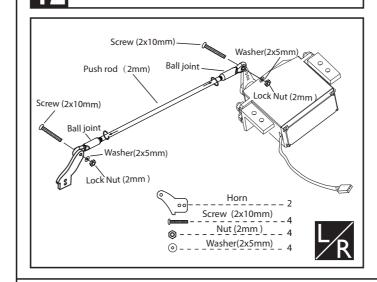




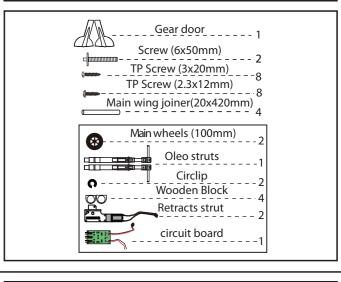




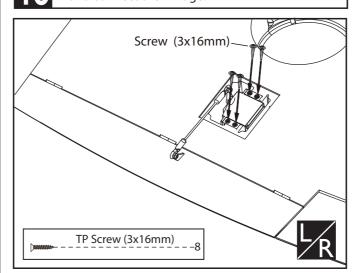
Install the nylon control horn and connect the linkage.



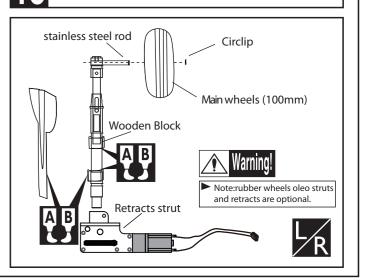
Accessory list for the coming installation steps.



Secure the servo.Install the nylon control horn and connect the linkage.



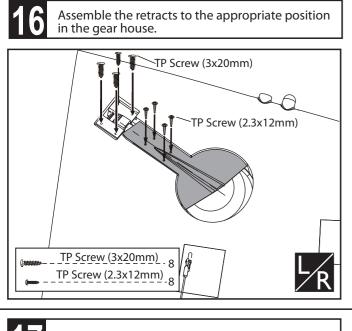
Mount the gear door and the wheel to the retract.

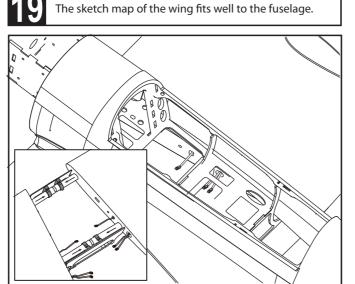


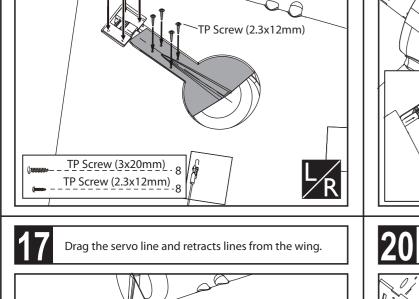


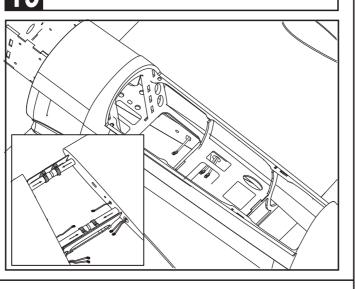




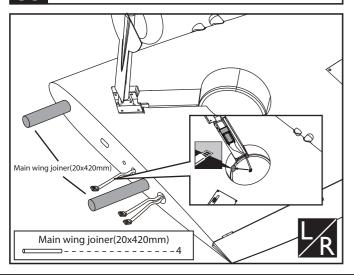


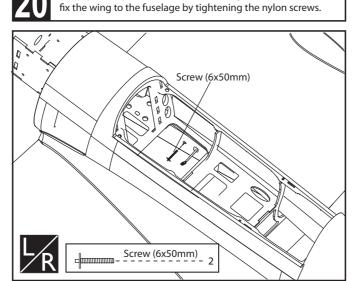


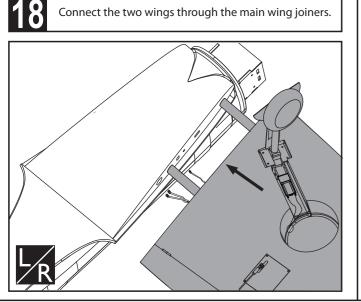


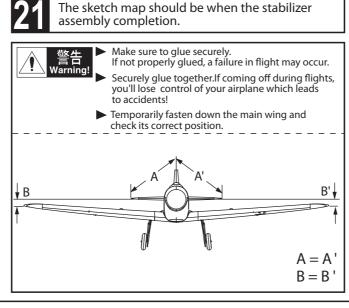


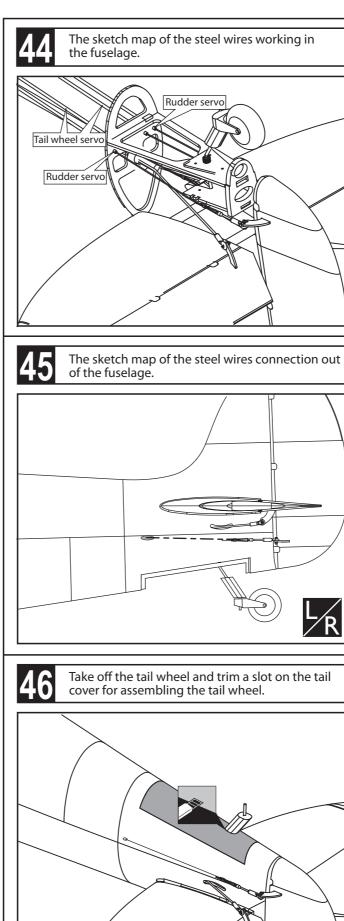
Factory already set blind nuts in the wings, the customers can

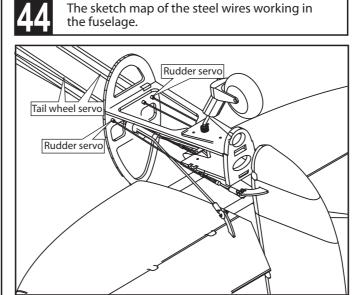


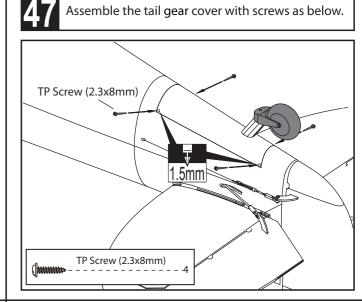


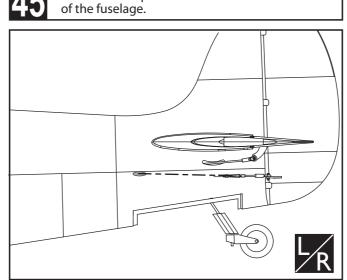


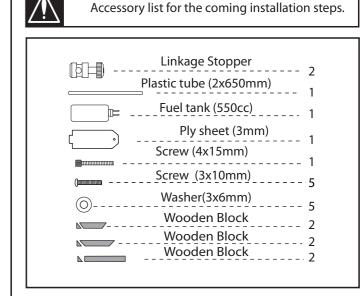


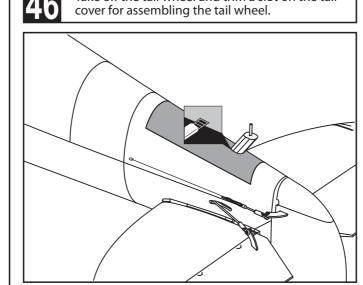


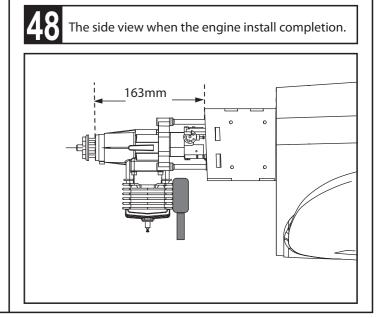












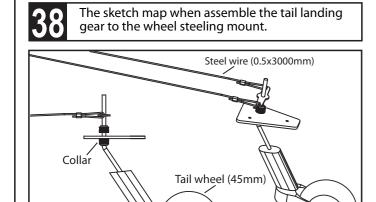


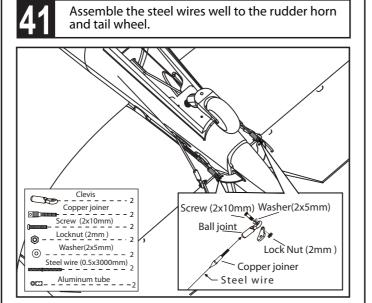


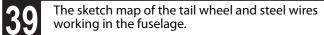


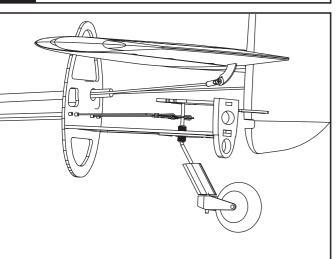




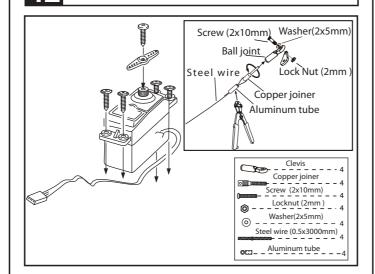




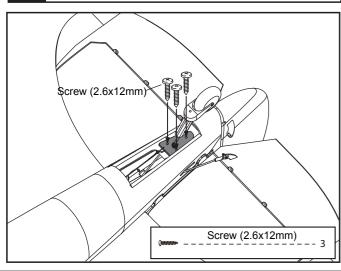




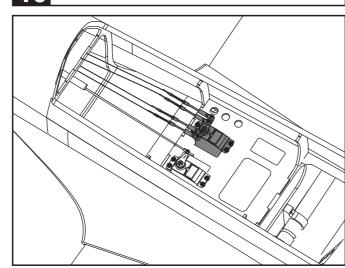








Connect the steel wires of the rudder horn and tail gear to the servo.



Apply epoxy glue.

Assemble left and right sides the same way.

Apply instant glue (CA glue, super glue).

Assemble left and right sides the same way.

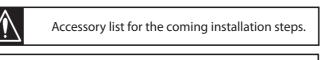
Pay close attention here!

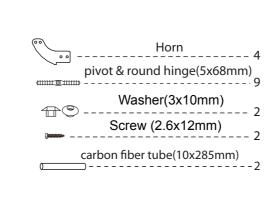
Ensure smooth non-binding movement while assembling.

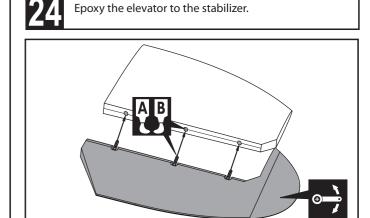
Cut off shaded portion.

8

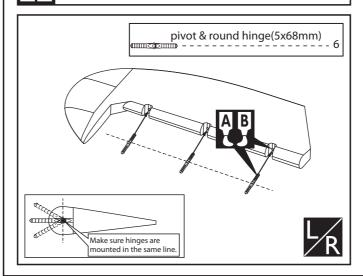






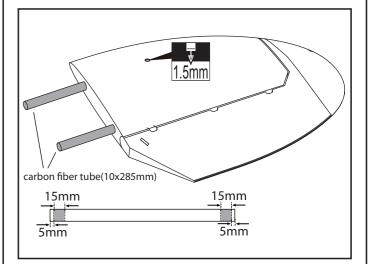




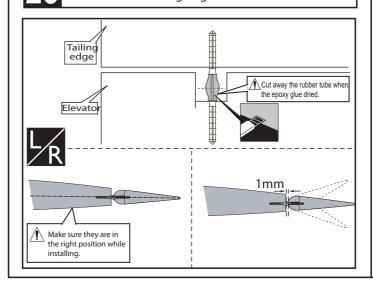


Glue the wooden block to each side of the stab tube as below, put the stab tube into one side the horizontal to the end and mark it out at the root of the horizontal, drill a hole in the stab tube and horizontal as illustration.

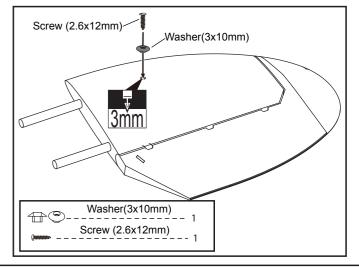
Securely glue together. If coming off during flights, you 'll lose control of your airplane which leads to accidents!



Keep some space about 1mm width between elevator and tailing edge.



Fix the carbon fiber tube to one side of the stab with screws.



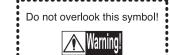


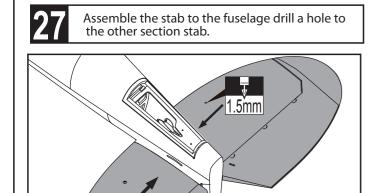
C.A Apply instant glue (CA glue, super glue).

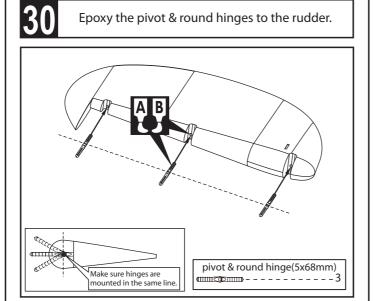


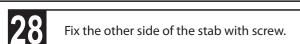
Ensure smooth non-binding movement while assembling.

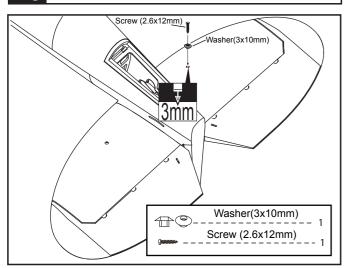




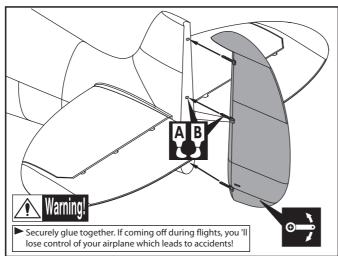


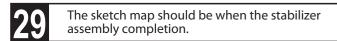


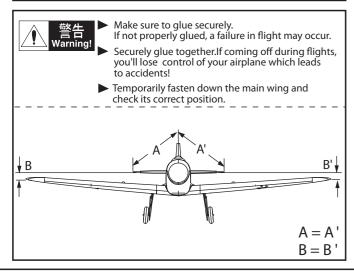




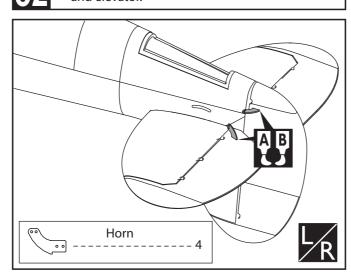






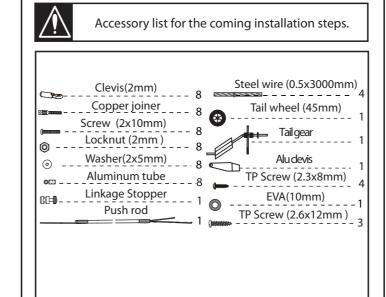


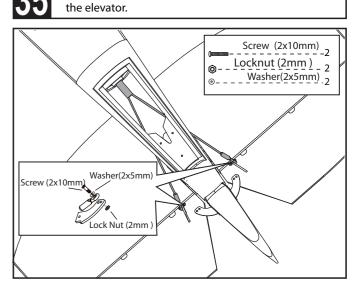
Epoxy the fiber horns to the slots in the rudder and elevator.











Assemble the push rod branches to the horns on

