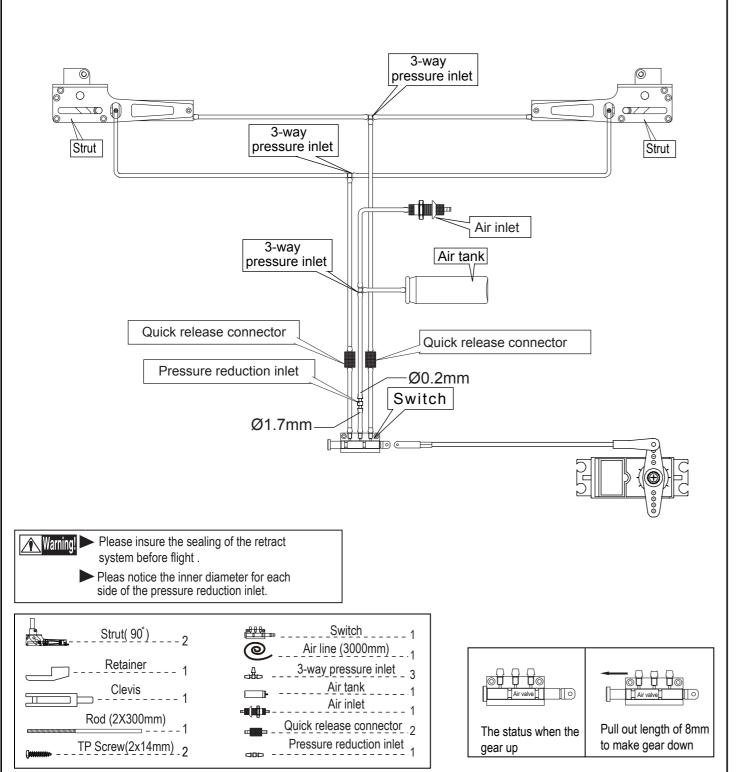
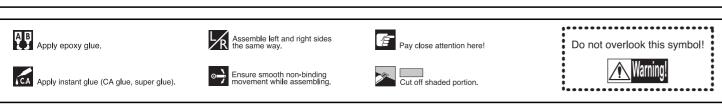
## Two wheel retract system

Warning! Make sure to assemble retracts as instructed below.





# Before start, please carefully read the explanations!

# F8F



#### Specification:

Length :1346 mm(53")
Wing Span :1860 mm(73.2")
Wing Area :55.3 sq. dm
5.95 sq. ft
Wing Loading :117.5 g/sq. dm

38.5 oz/sq. ft

Flying Weight :6.5 kg(14.3 lbs)
Radio :6ch&8 servos
Engine :108 2-cycle

120 4-cycle

#### **INSTRUCTION MANUAL**



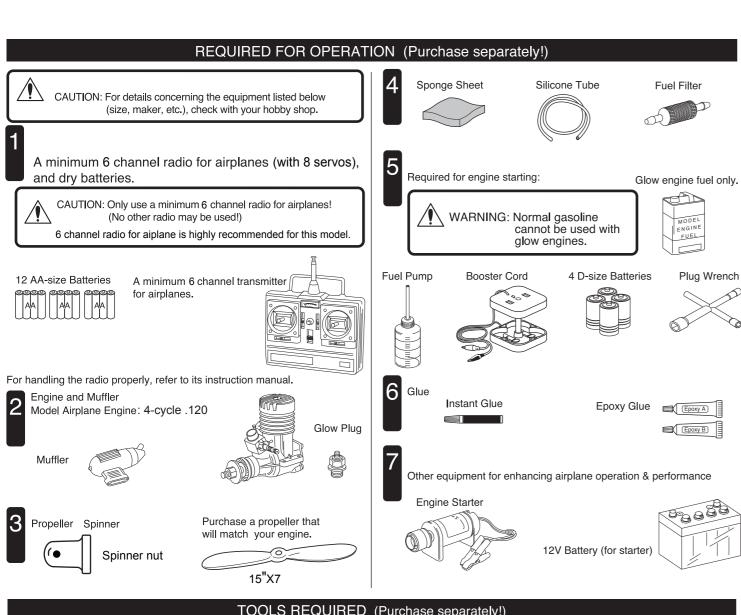
### **SAFETY PRECAUTIONS**

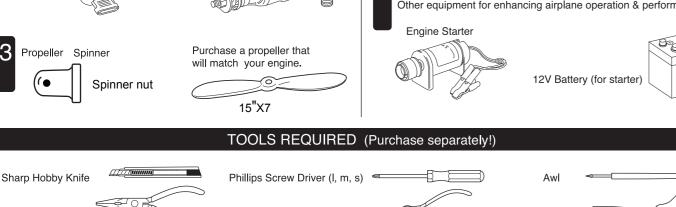
#### This R/C airplane is not a toy!

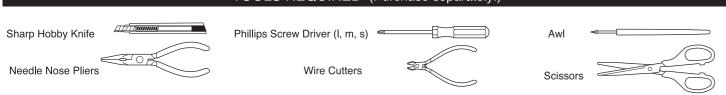
(The people under 18 years old is forbidden from flying this model)

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.

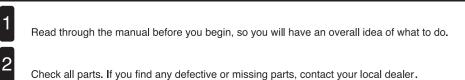
Fly only in open areas and preferably at a dedicated R/C flying site. We suggest having a qualified instructor carefully inspect your airplane before its first flight. Please carefully read and follow all instructions included with this airplane, your radio control system and any other components purchased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

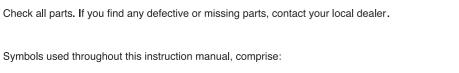


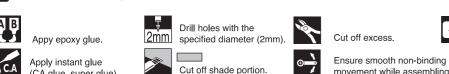




**BEFORE YOU BEGIN** 





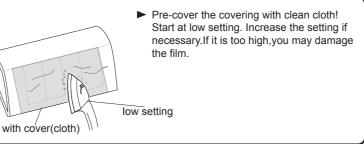




movement while assembling.

The pre-covered film on ARF kits may wrinkle due to variations of temperature. Smooth out as explained right.

(CA glue, super glue).



Pay close attention

Do not overlook this

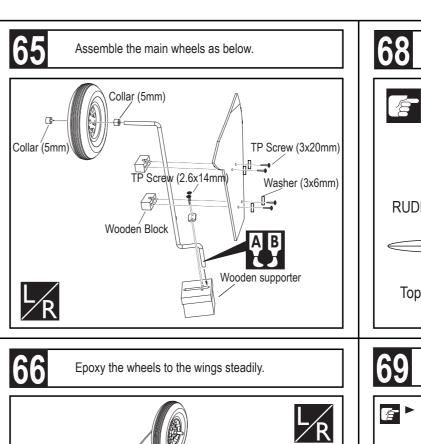
Assemble left and right

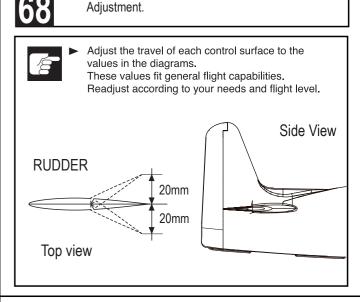
sides the same way.

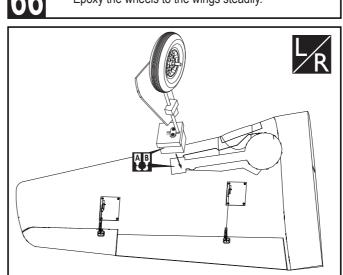
Must be purchased

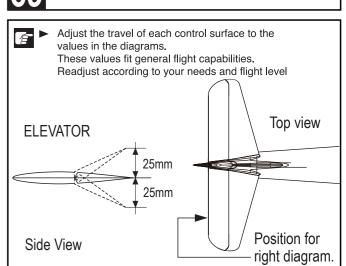
separately!

Symbol!

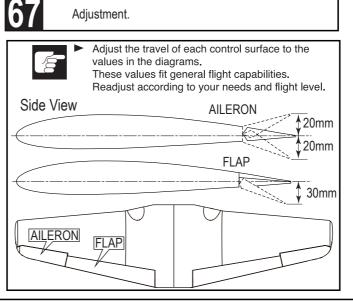


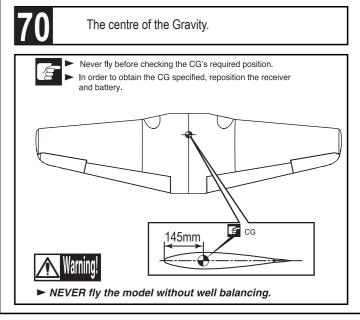


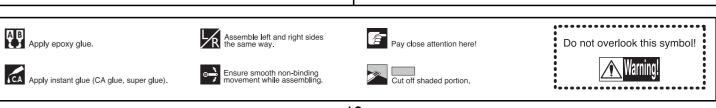


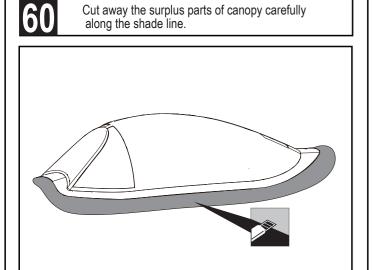


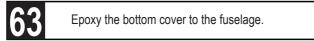
Adjustment.

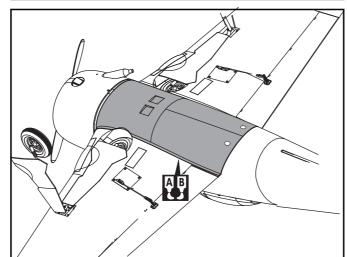


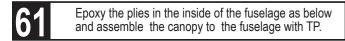


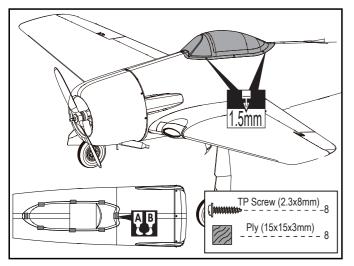




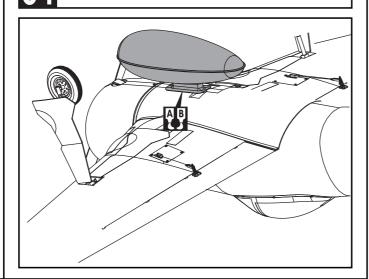




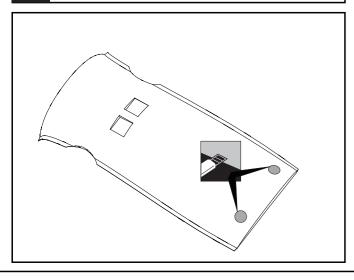




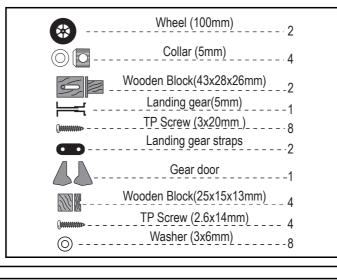
Epoxy the drop tank to the bottom cover.



Trim two holes in the bottom cover as below.



Accessory list for the coming installation steps.



Apply epoxy glue.

Apply instant glue (CA glue, super glue).

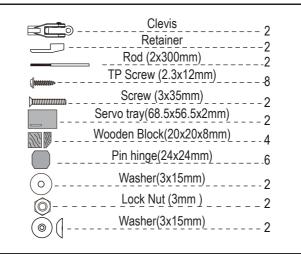
Assemble left and right sides the same way.

ensure smooth non-binding movement while assembling.

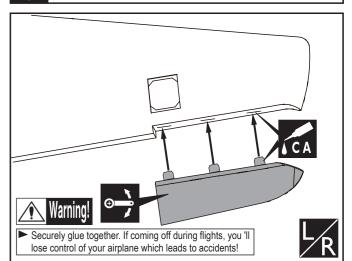
Pay close attention here!



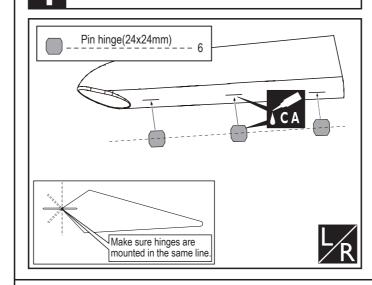
Accessory list for the coming installation steps.



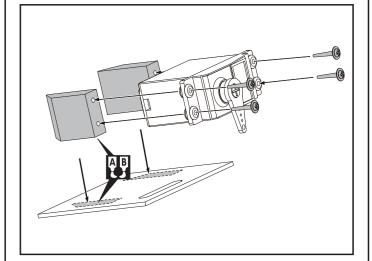
Assemble the aileron to main wing with instant type CA glue.Be careful to ensure the moving parts of the hinges are able to move freely.



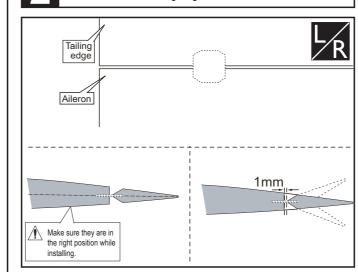
Apply instant type CA glue to aileron and pin hinge.



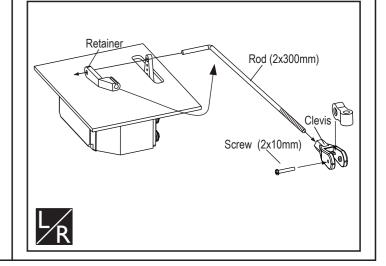
Install the servo as the illustration below



Keep some space about 1mm width between aileron and trailing edge.



Install the nylon control horn and connect the linkage.



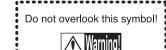


C.A Apply instant glue (CA glue, super glue).



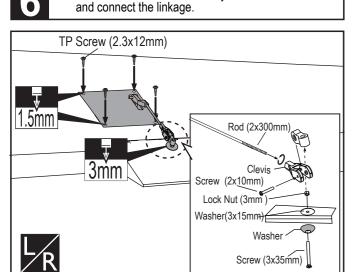
Ensure smooth non-binding movement while assembling.



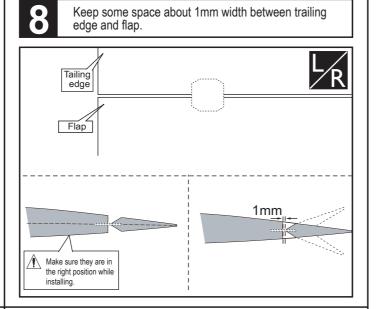


12

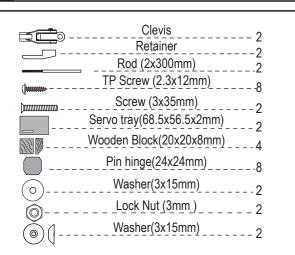
1

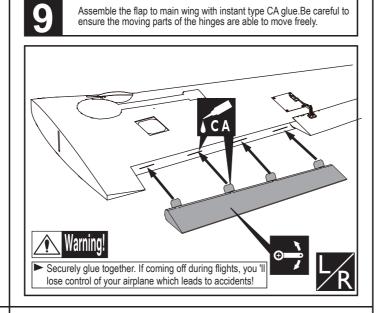


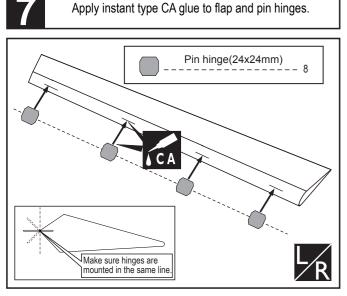
Secure the servo.Install the nylon control horn





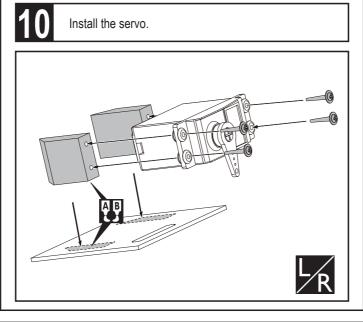


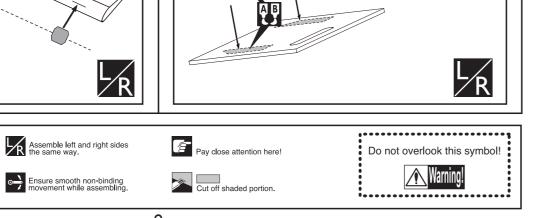


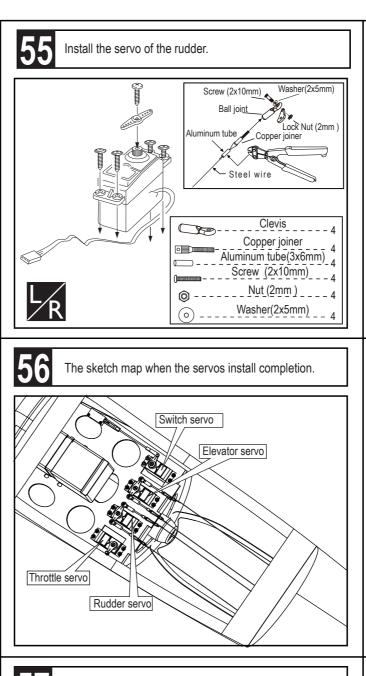


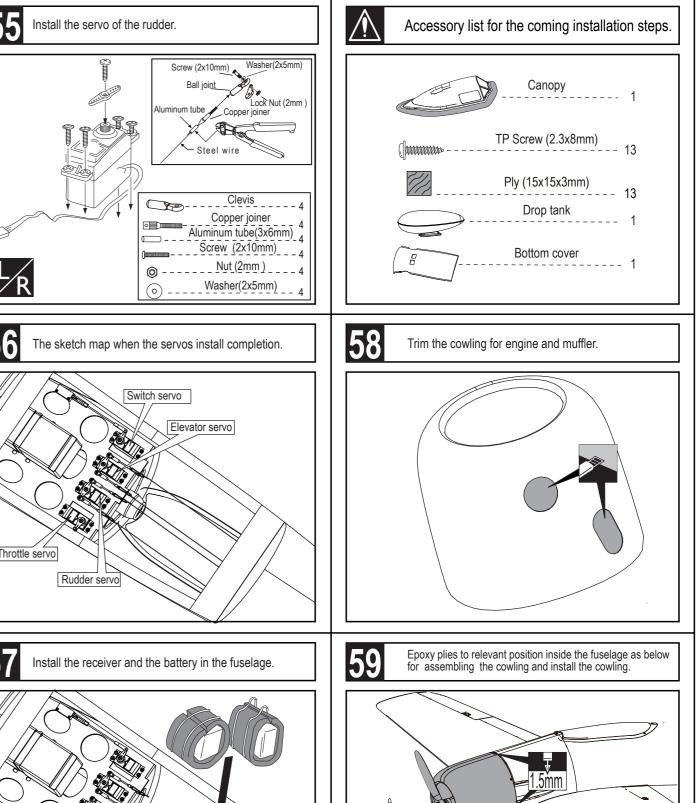
A B Apply epoxy glue

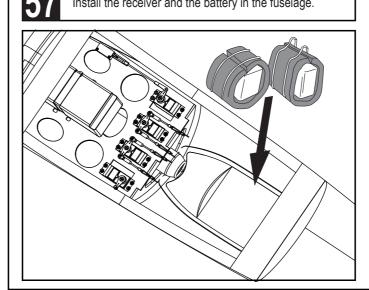
Apply instant glue (CA glue, super glue).

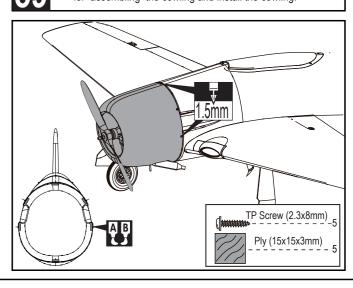


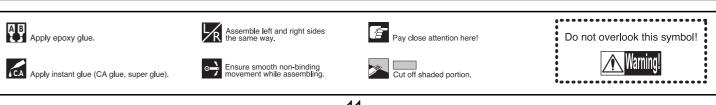




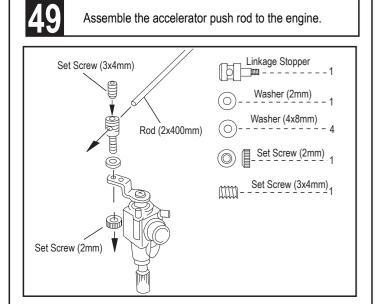


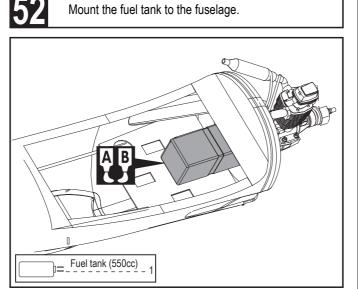


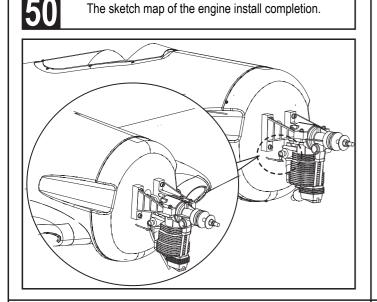


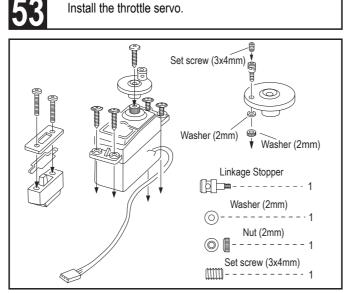


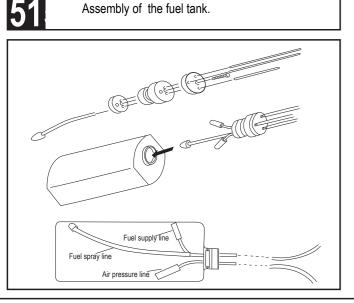
11









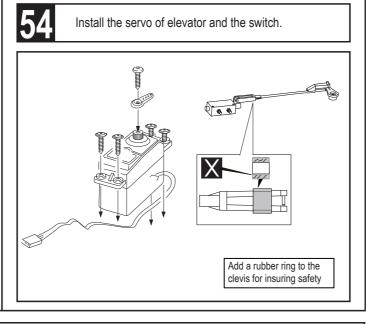


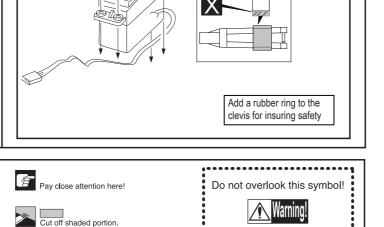
Assemble left and right sides the same way.

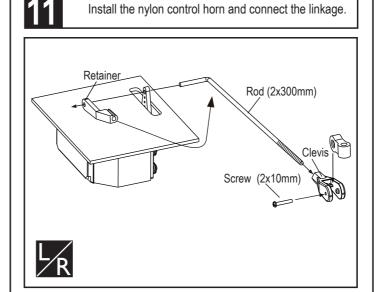
Ensure smooth non-binding movement while assembling.

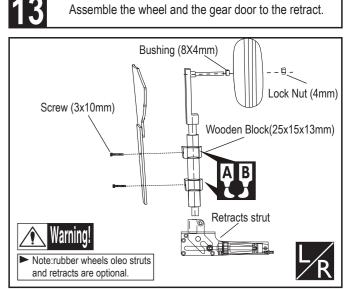
A B Apply epoxy glue

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

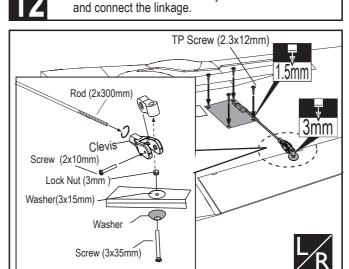




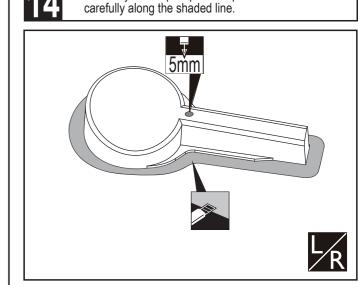


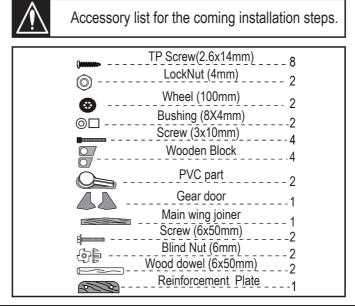


Cut away the surplus parts of plastic cover



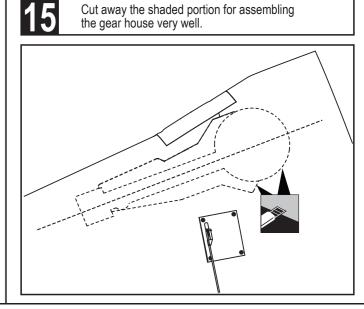
Secure the servo. Install the nylon control horn

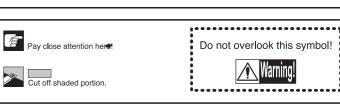




Assemble left and right sides the same way.

Ensure smooth non-binding movement while assembling.

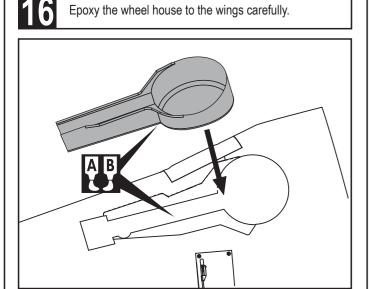


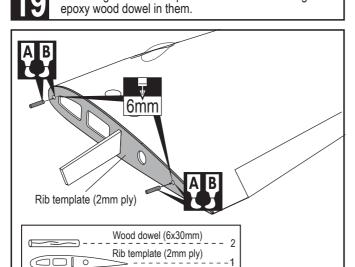


10 3

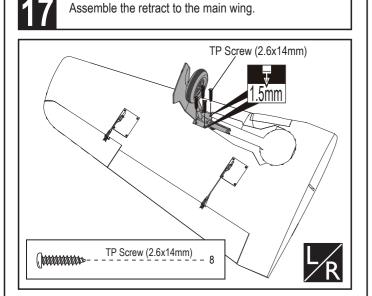
Apply epoxy glue

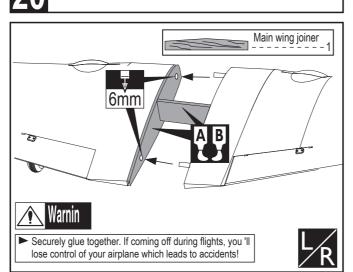
CA Apply instant glue (CA glue, super glue).

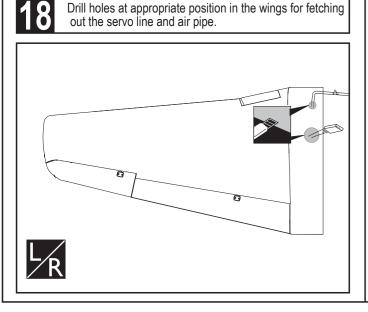




According to the rib template drill holes in one wing and





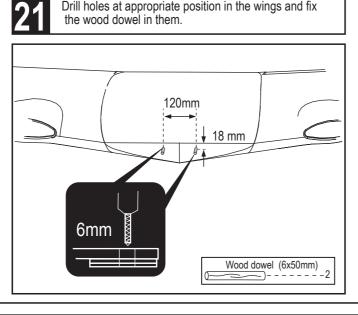


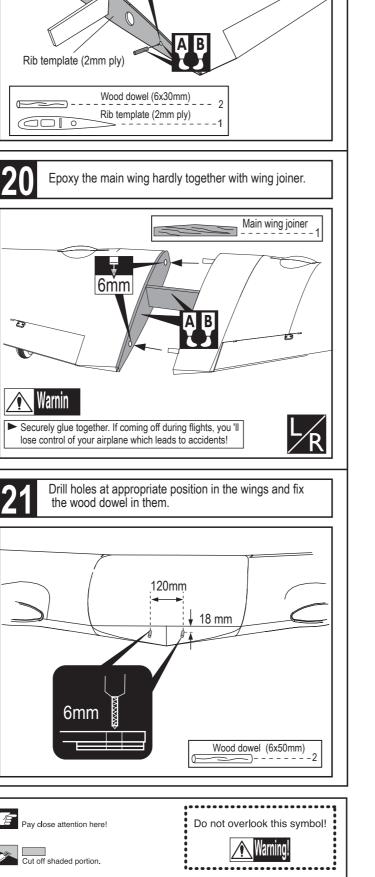
Assemble left and right sides the same way.

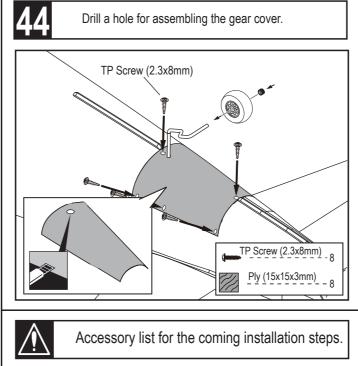
Ensure smooth non-binding movement while assembling.

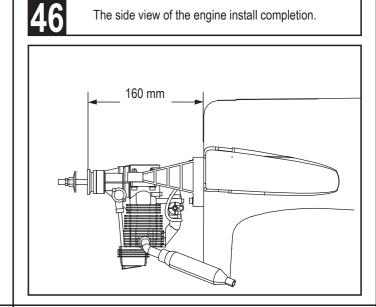
Apply epoxy glue.

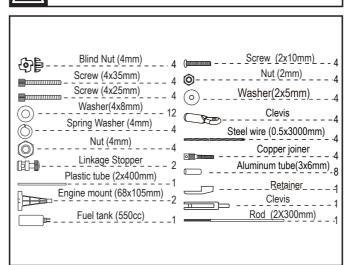
C.A Apply instant glue (CA glue, super glue).

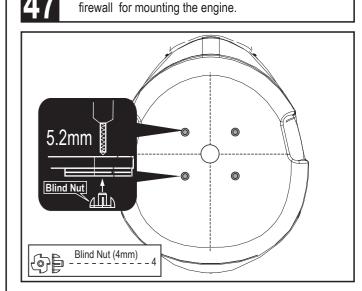




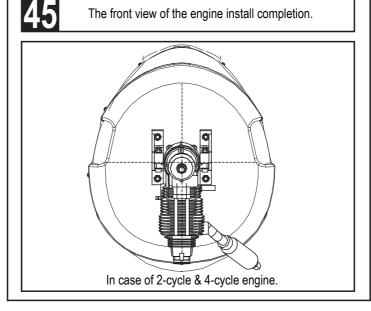


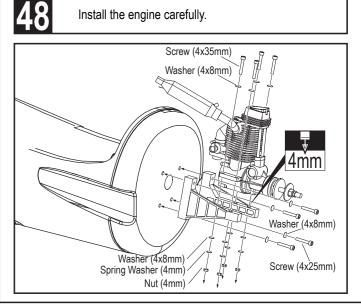




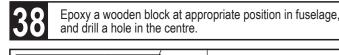


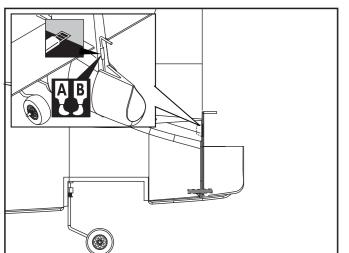
Drill four holes and set blind nut at diameter in the

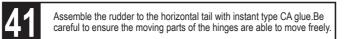


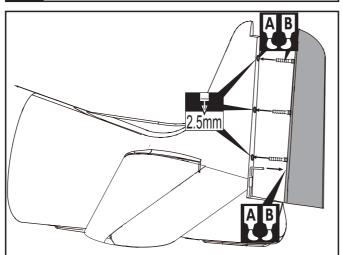




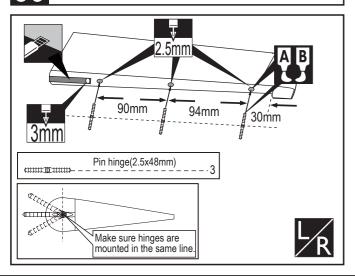




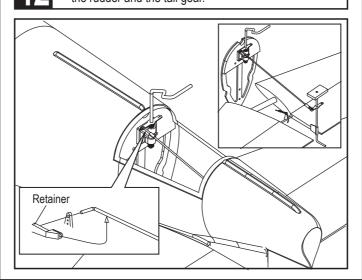




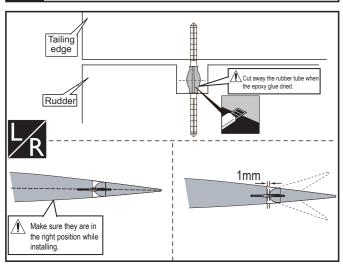
Apply instant type CA glue to rudder and pin hinge



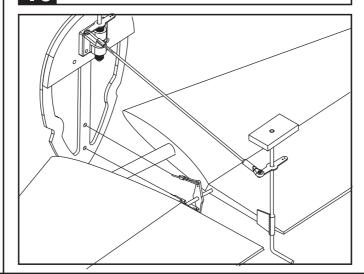
The working sketch map of the linkage between the rudder and the tail gear.



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



The working sketch map of the linkage between the arm for elevator and the elevator servo.



A B Apply epoxy glue

Apply instant glue (CA glue, super glue).

Assemble left and right sides the same way.

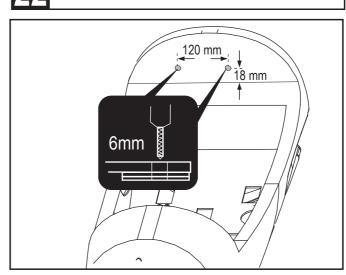


Pay close attention here!

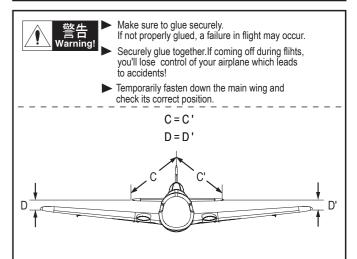
8



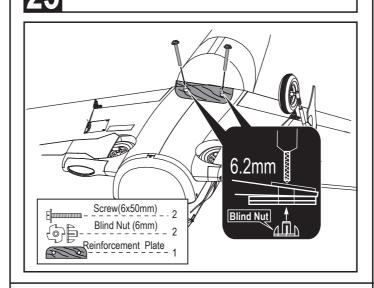
Drill holes at relevant position in the fuselage.



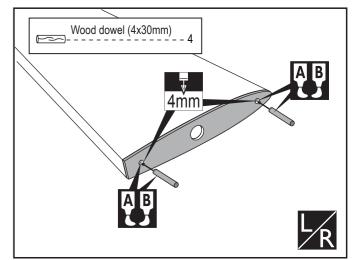
The standard sketch map when the stabilizer and rudder install completion.



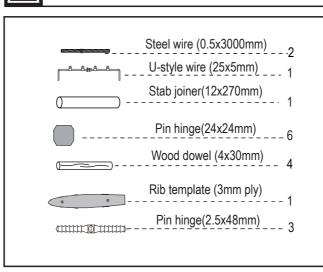
Assemble the wings to the fuselage with screw.



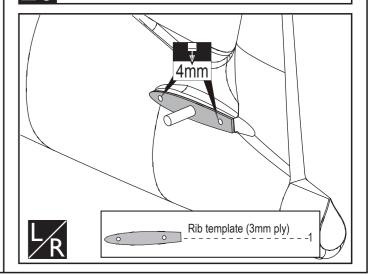
25

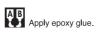


Accessory list for the coming installation steps.

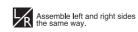


A ccording to thr rib template drill holes to the tail of fuselage as below.

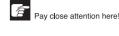




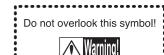
Apply instant glue (CA glue, super glue).

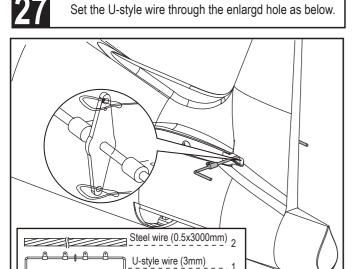


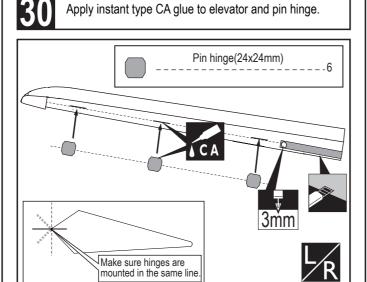
Ensure smooth non-binding movement while assembling

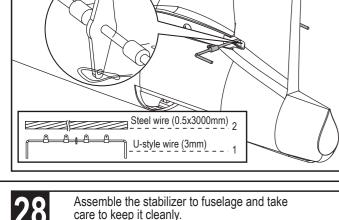


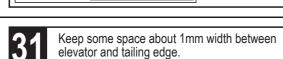
5

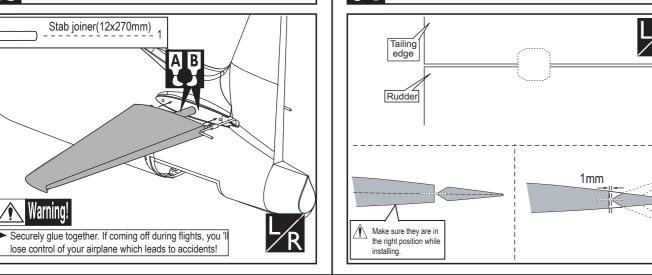


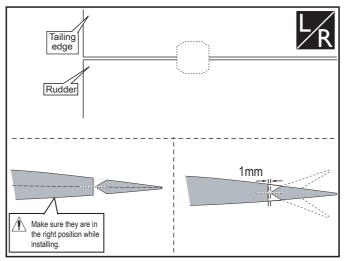


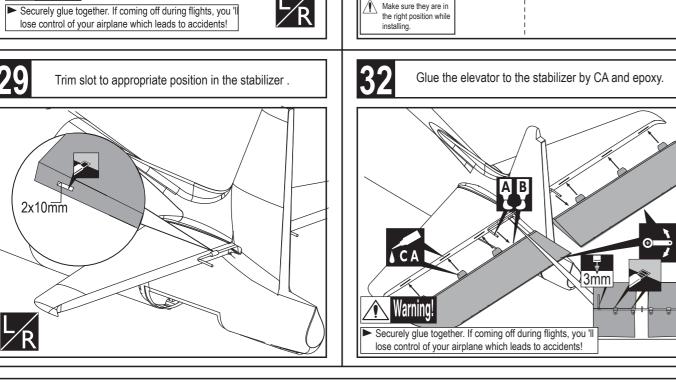


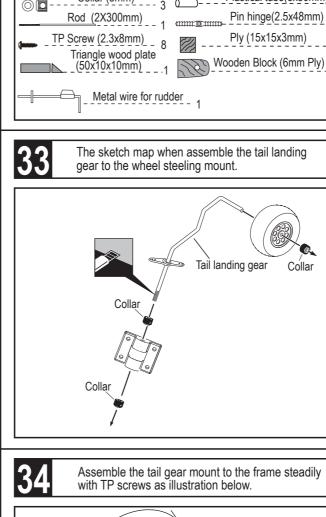


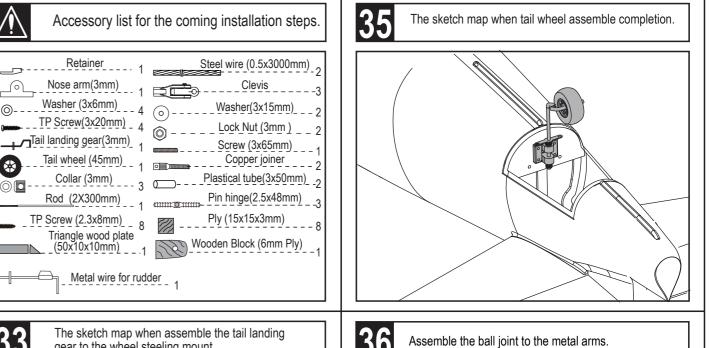


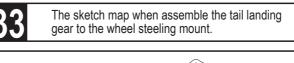




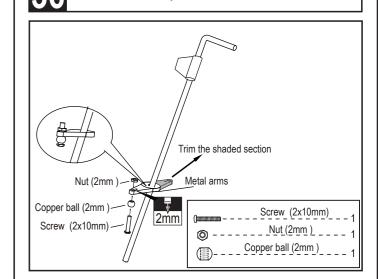


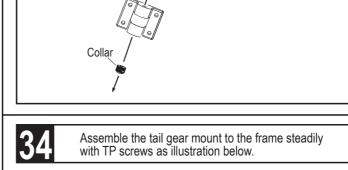


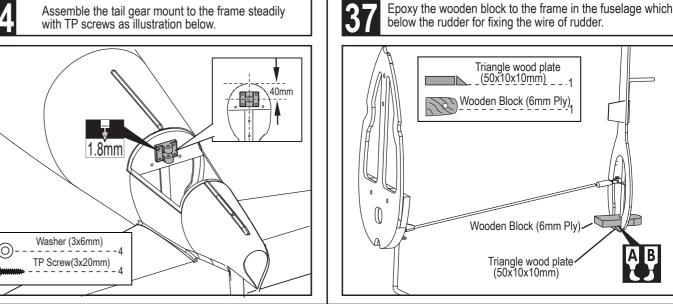


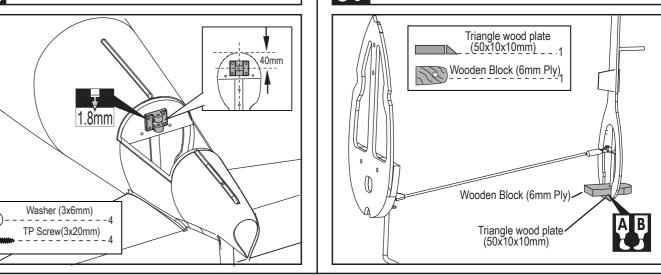


Washer (3x6mm) \_\_\_\_\_ Washer(3x15mm)

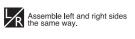












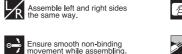
Ensure smooth non-binding movement while assembling.







Apply epoxy glue.



Pay close attention here!

