Before start	.please	carefully	read the	explanations
	, p		1 0 0 0 0 1 1 1 0	

Pilatur PC-21



Specification:

Length :2070 mm(81.5")
Wing Span :1800 mm(71")
Wing Area :55.8 sq. dm

6.0 sq. ft

Wing Loading :123.7 g/sq. dm $\,$

40.6 oz/sq. ft

Flying Weight :6.9 kg(15.2 lbs)
Radio :6ch&9 servos
Engine :120 4-cycle

INSTRUCTION MANUAL



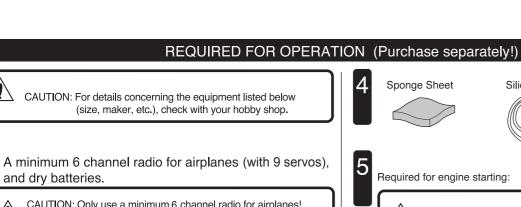
SAFETY PRECAUTIONS

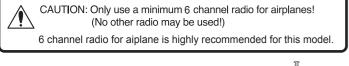
This R/C airplane is not a toy!

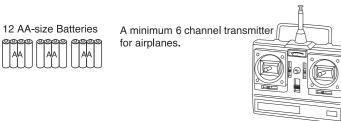
(The people under 18 years old is forbidden from flying this model)

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.

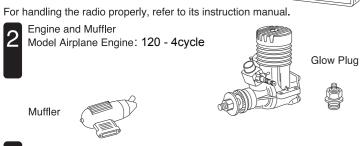
Fly only in open areas and preferably at a dedicated R/C flying site. We suggest having a qualified instructor carefully inspect your airplane before its first flight. Please carefully read and follow all instructions included with this airplane, your radio control system and any other components purchased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

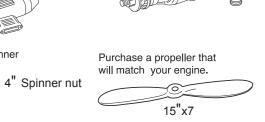


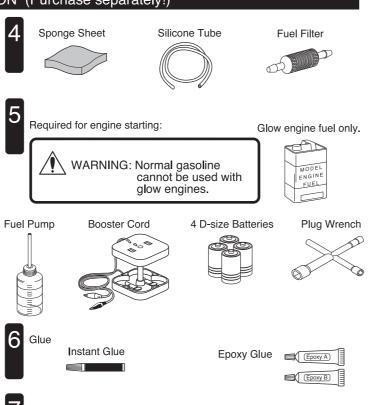




Propeller Spinner







Other equipment for enhancing airplane operation & performance

12V Battery (for starter)

......

Do not overlook this

Warning!

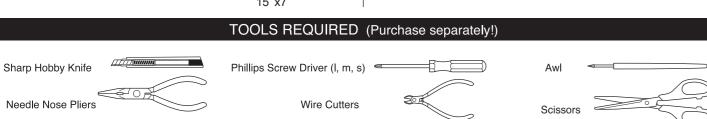
Assemble left and right

sides the same way.

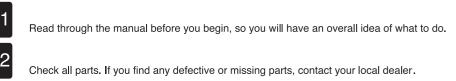
Must be purchased

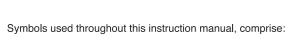
separately!

Symbol!









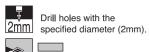




Remove the covering with proper

model part and cause accident.

Warning

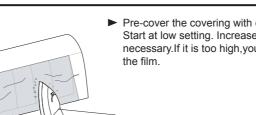






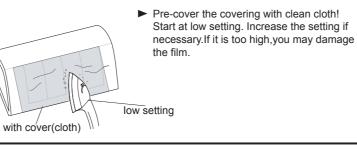
Engine Starter





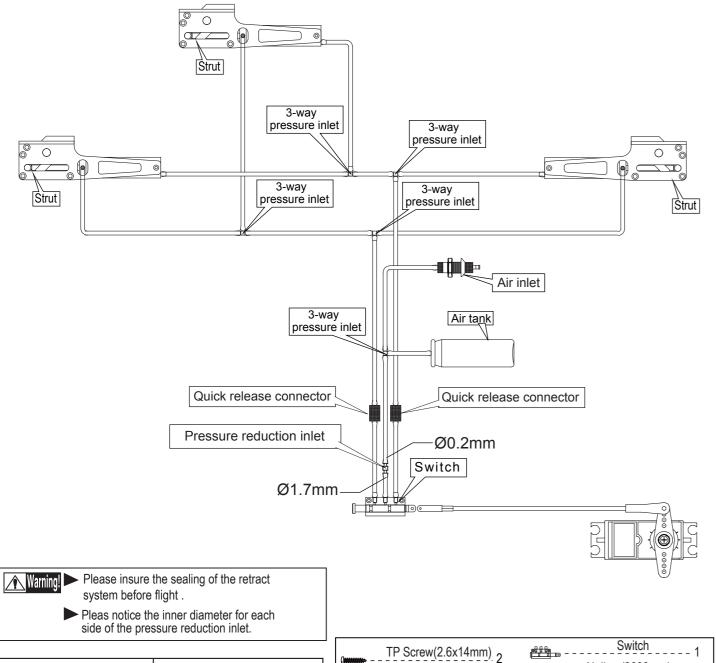
The pre-covered film on ARF kits may wrinkle due to variations of temperature. Smooth out as explained right.

pressure to cut through only the covering itself. Otherwise, cutting down into the balsa structure may weaken the



Three wheel retract system

Warning! Make sure to assemble retracts as instructed below.



Air valve

The status when the

gear up

Air valve

Pull out length of 8mm

to make gear down

Retainer

Strut (110°)

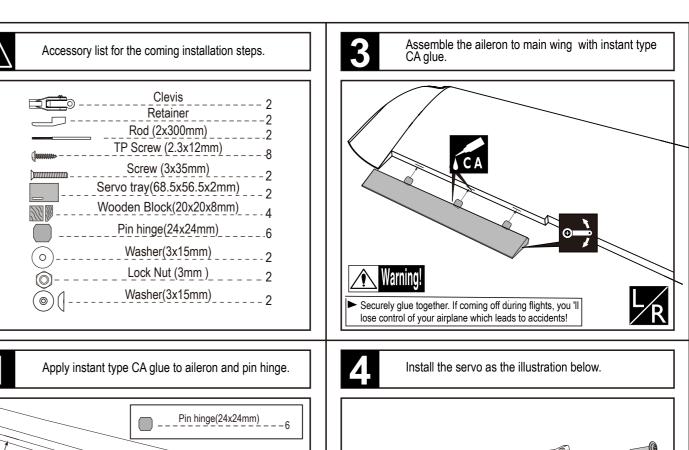
Clevis 1 Rod (2X300mm)

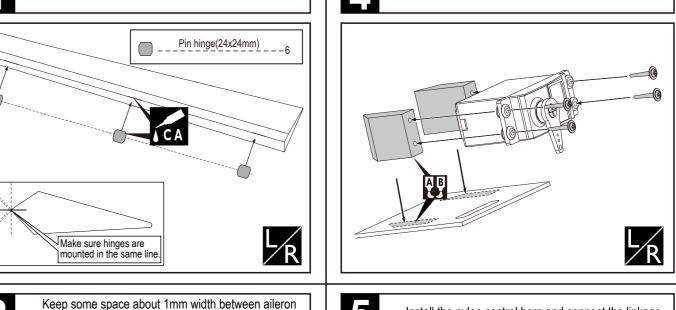


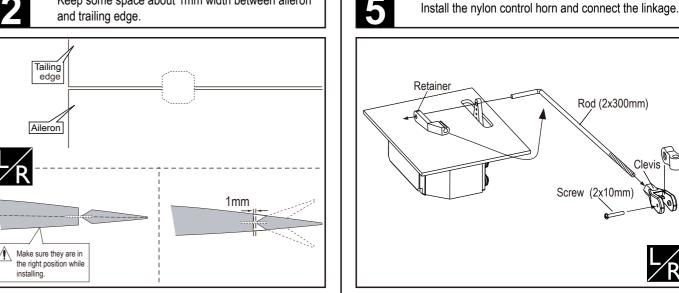
Air line (3000mm)

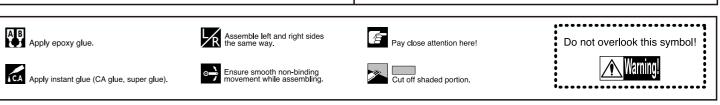
3-way pressure inlet

Quick release connector

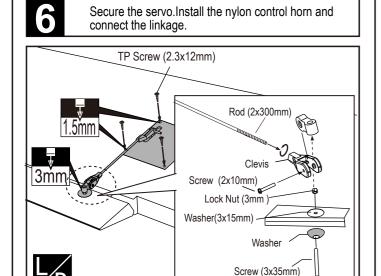


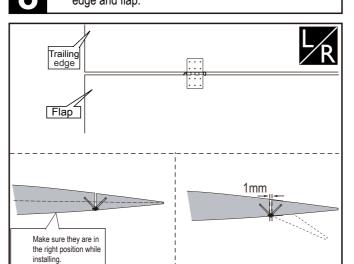






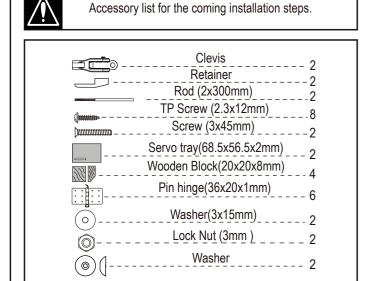
Clevis

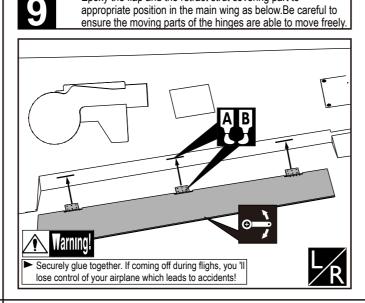


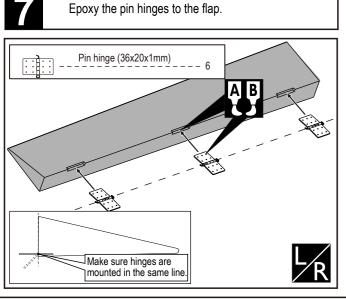


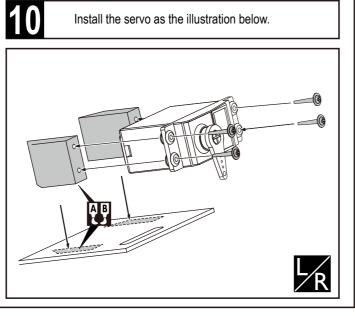
Epoxy the flap and the retract strut covering part to

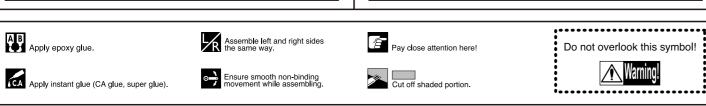
Keep some space about 1mm width between trailing



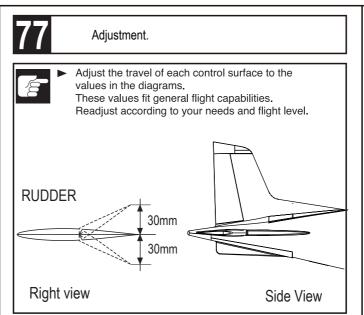


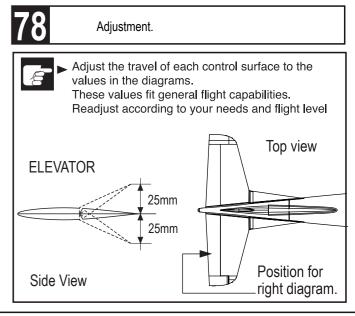


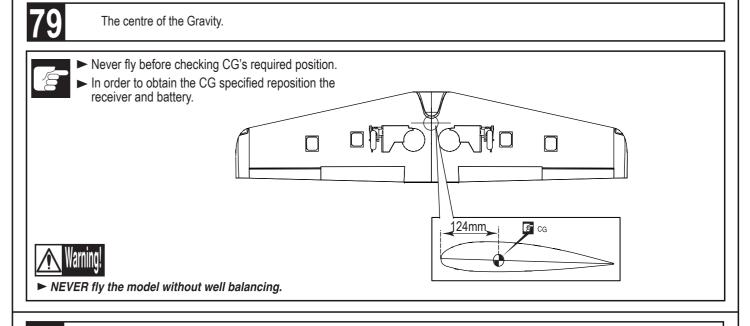


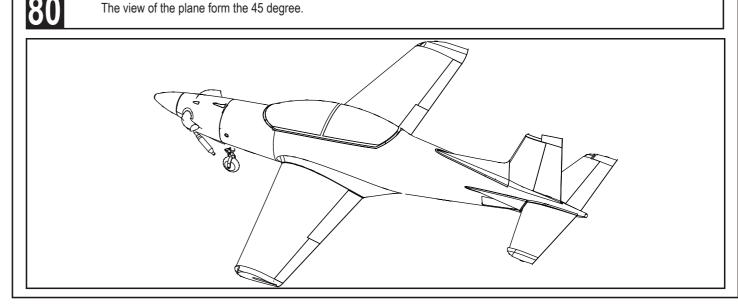


2

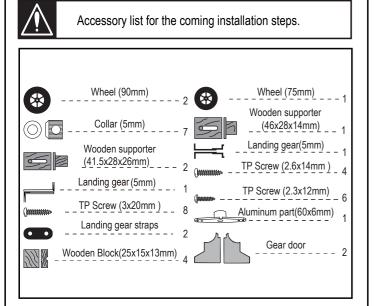


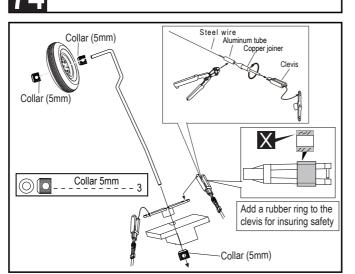




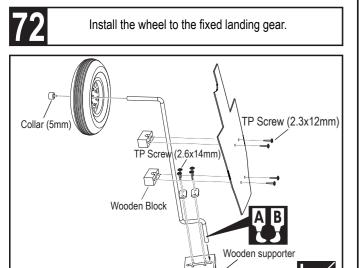


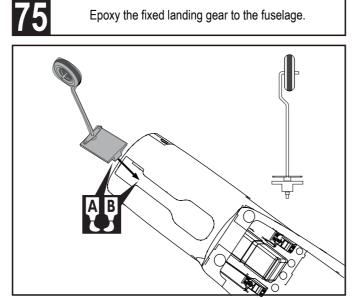


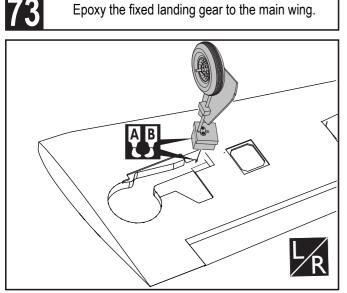


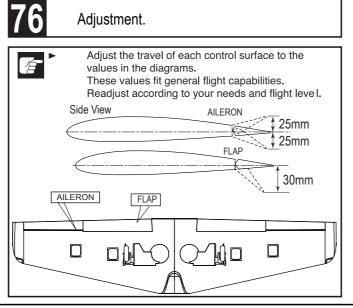


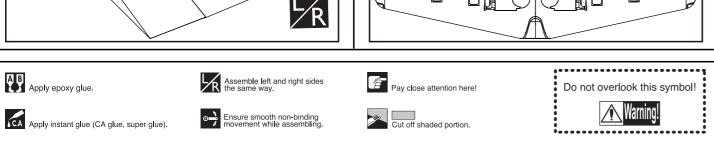
Install the wheel to the fixed landing gear.

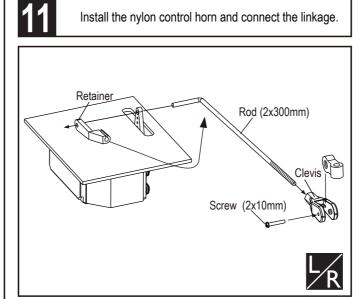


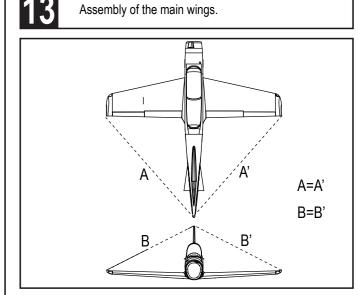


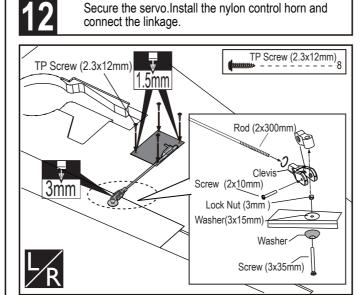


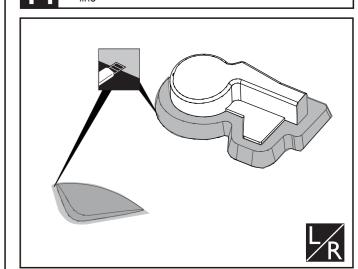




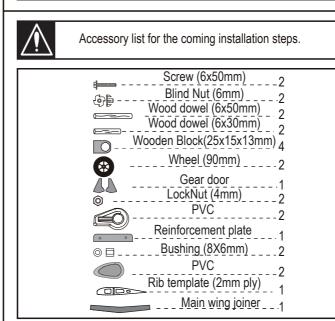


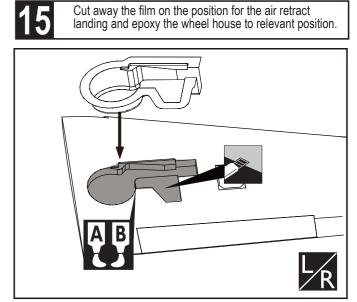


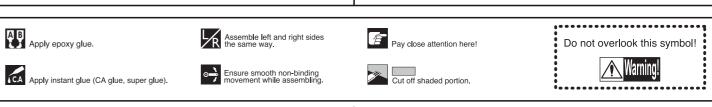


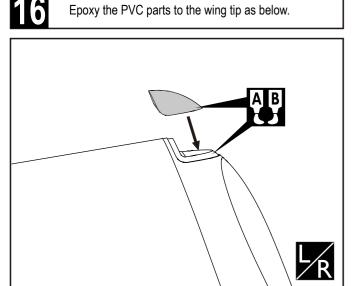


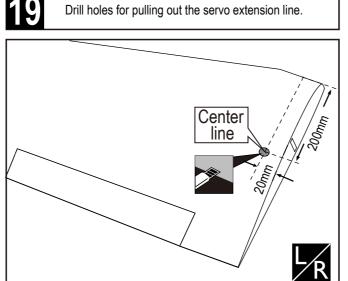
Cut off the surplus PVC part carefully along the shaded



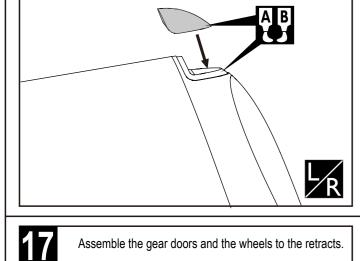


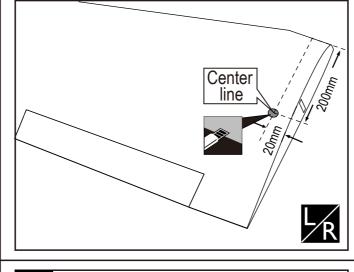


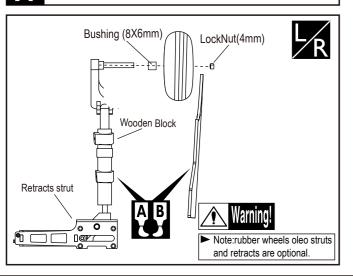


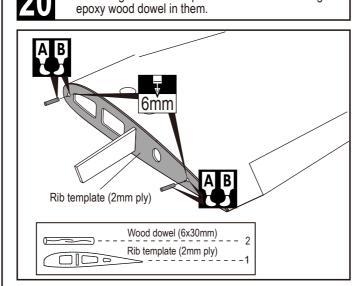


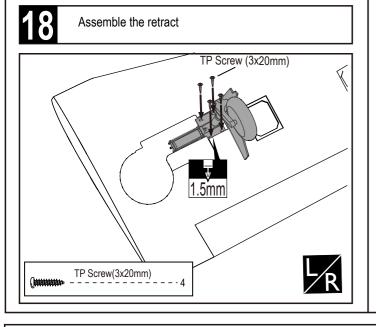
According to the rib template drill holes in one wing and









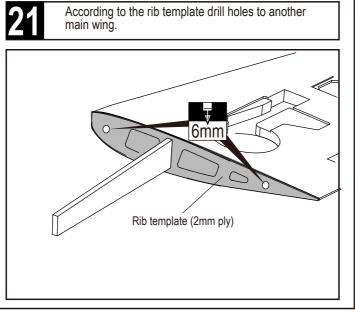


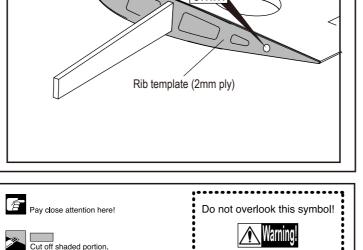
Assemble left and right sides the same way.

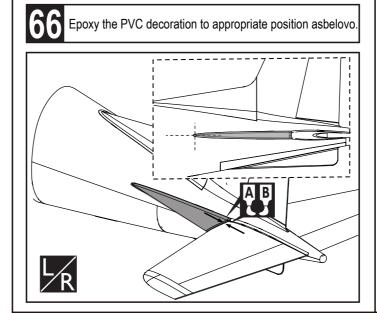
Ensure smooth non-binding movement while assembling.

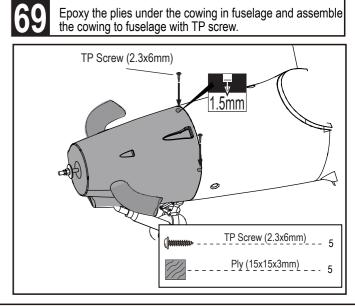
Apply epoxy glue.

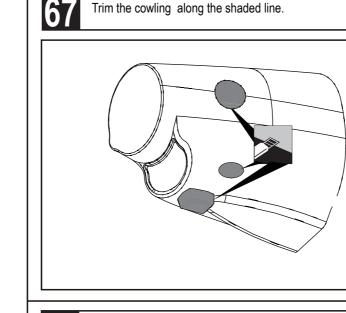
C.A Apply instant glue (CA glue, super glue).

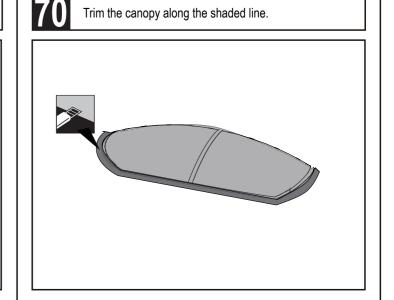


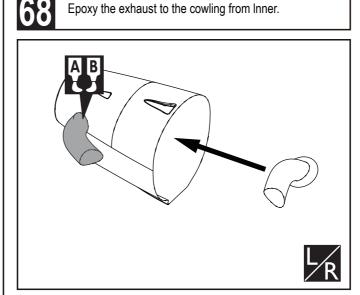


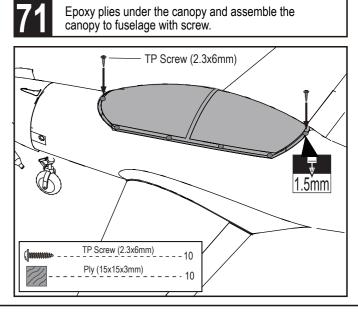


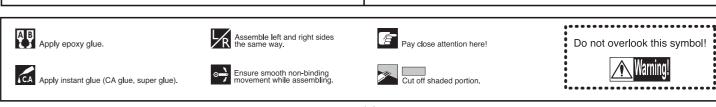


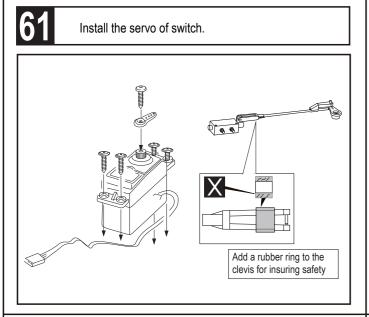


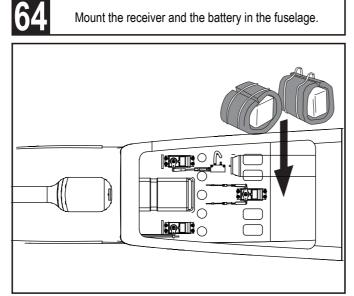


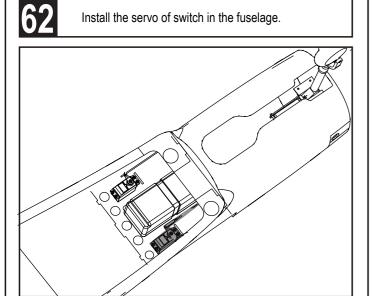


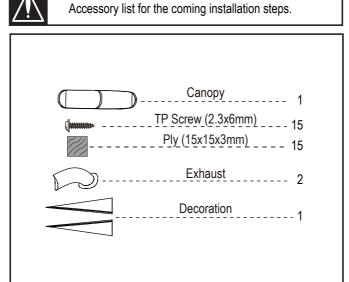


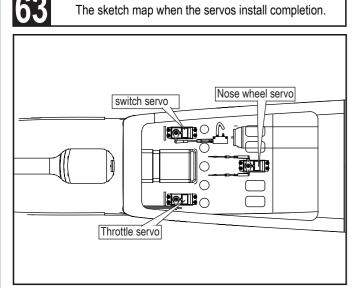


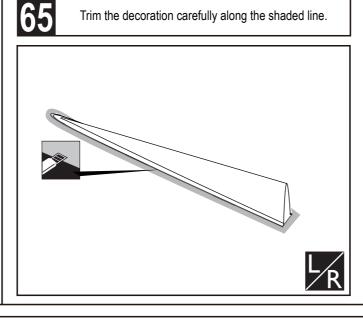


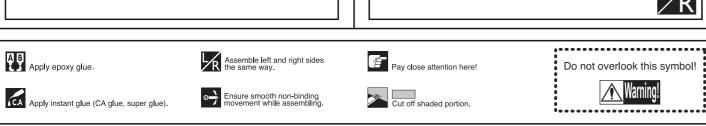


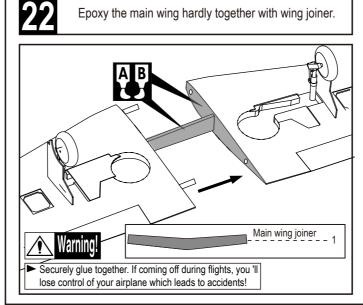


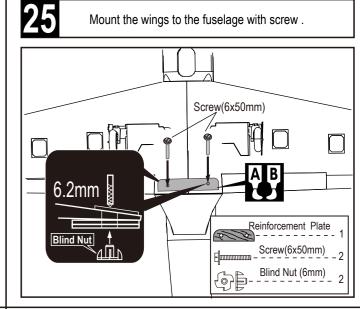


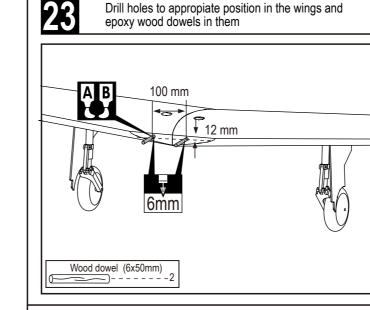


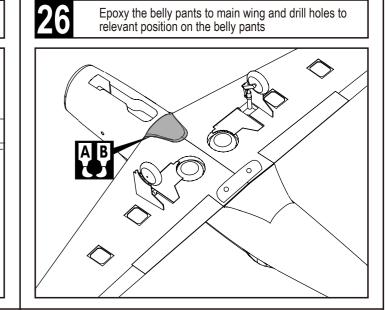


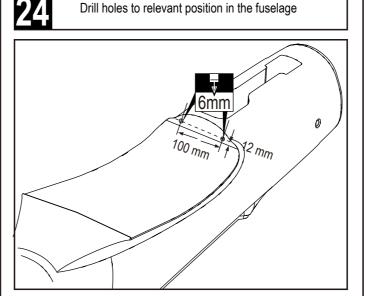


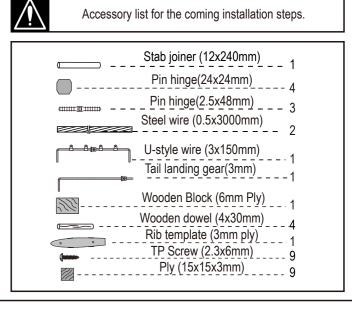


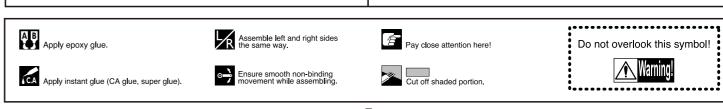


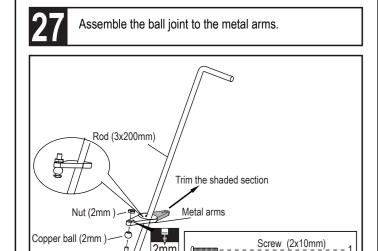








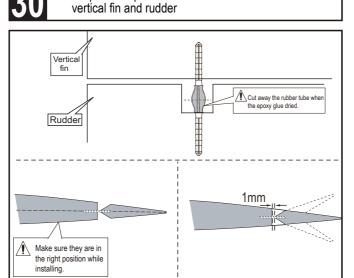


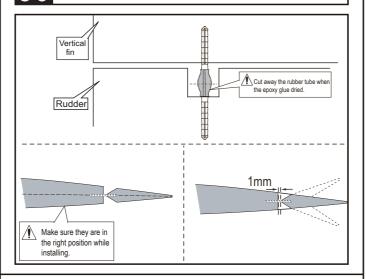


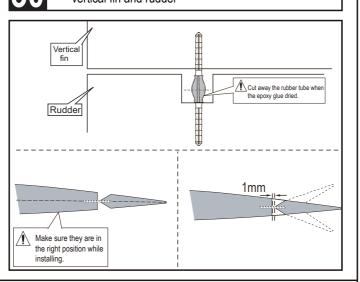
Screw (2x10mm) -

Apply epoxy glue.

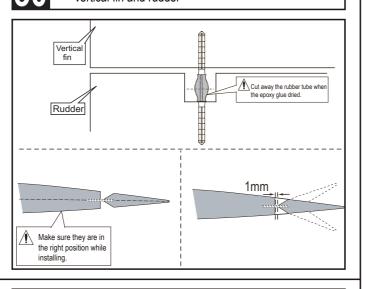
Apply instant glue (CA glue, super glue).

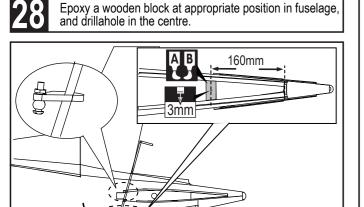






keep some space about 1mm width between the





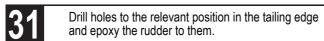
© ---- <u>Nut (2mm)</u>

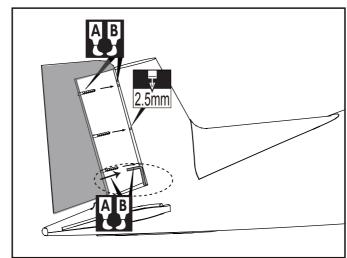
Wooden Block (6mm Ply)

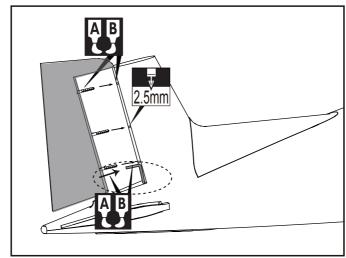
Assemble left and right sides the same way.

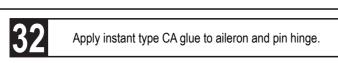
Ensure smooth non-binding movement while assembling.

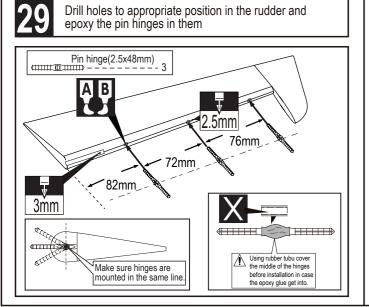
Copper ball (2mm)

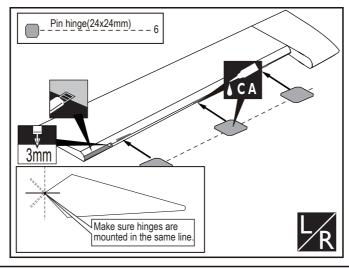




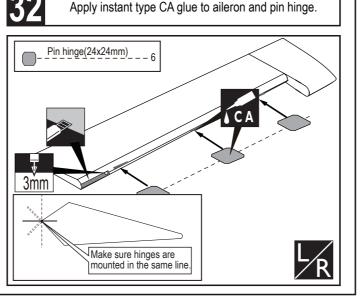


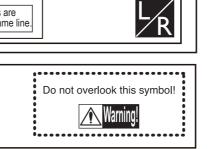


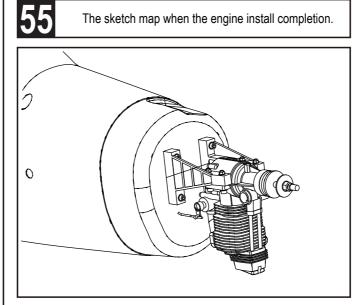


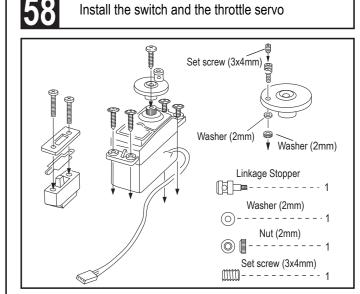


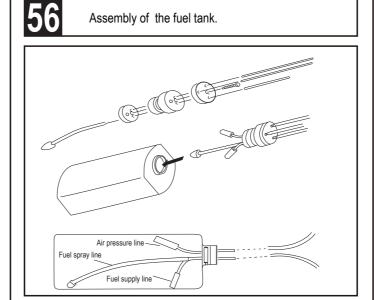
Pay close attention here!

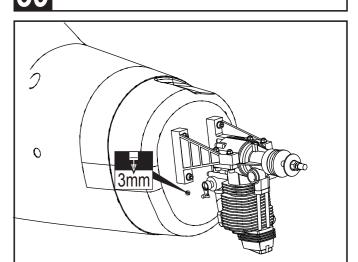




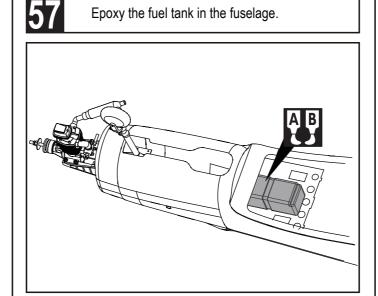


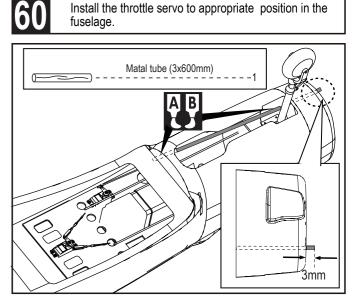


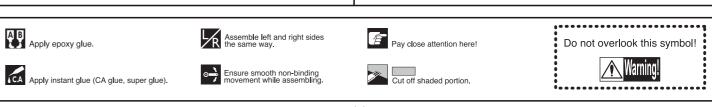




Drill a small hole in appropriate position for throttle.

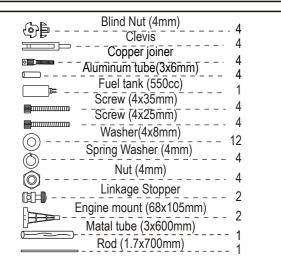




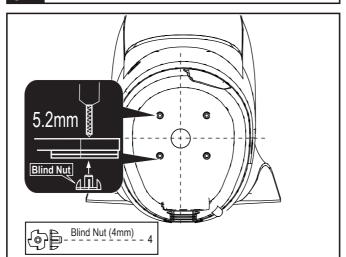




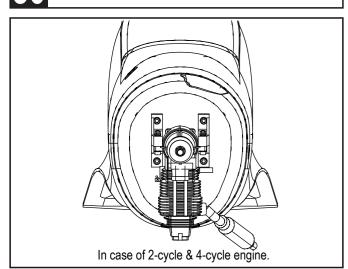
Accessory list for the coming installation steps.



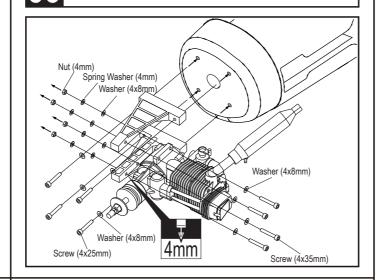
Drill four holes at the diameters as shown for engine



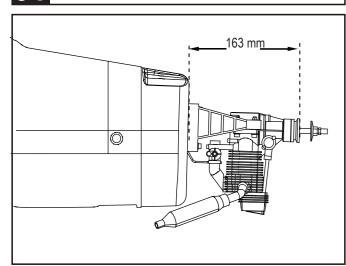
50 The front view of the engine install completion.



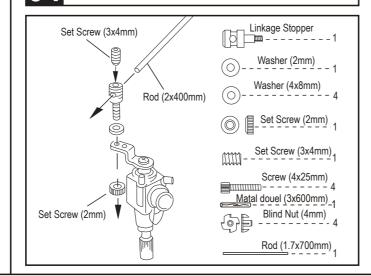
Assemble the engine.



The side view when the engine install completion.



Assemble the throttle linkage



A B Apply epoxy glue

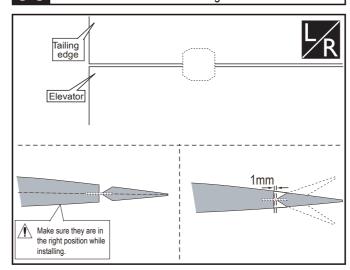
Apply instant glue (CA glue, super glue).

Assemble left and right sides the same way.

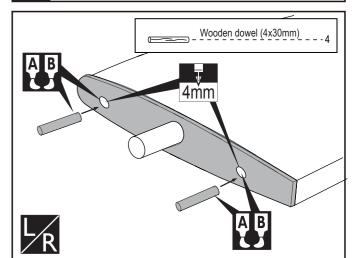


Do not overlook this symbol!

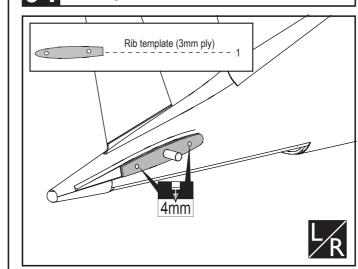
Keep some space about 1mm width between the elevator and horizontal tail edge.



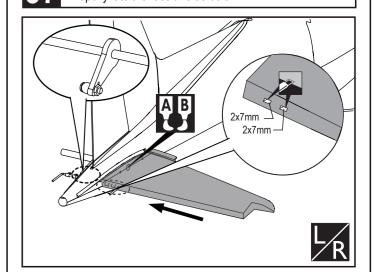
Drill two holes at the stabilizer root base on rib template and epexy the metal dowel in them.



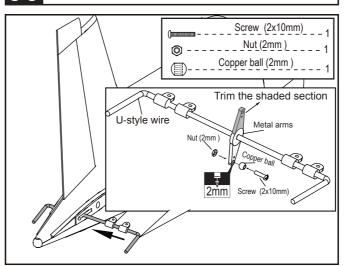
A ccording to thr rib template drill holes to the tail of



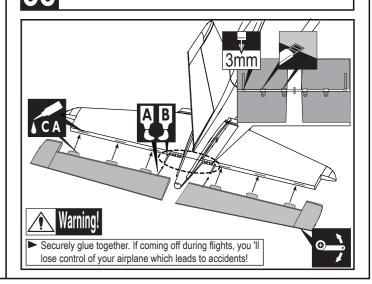
Drill holes to appropriate position in the stabilizer and epoxy it to the fuselahe as below.



Set the U-style wire through the tail of fuselage as



Glue the elevator to the stabilizer by CA and epoxy.



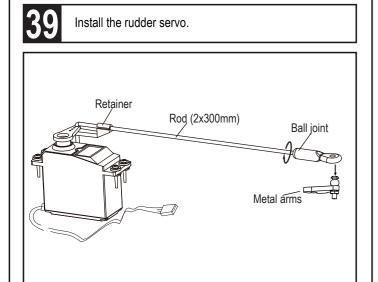
Apply epoxy glue.

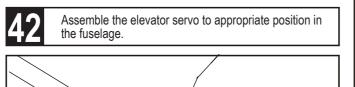
C.A Apply instant glue (CA glue, super glue).

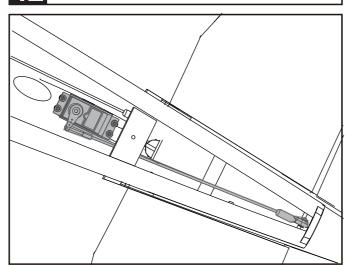
Assemble left and right sides the same way.

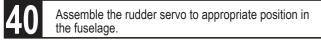
Ensure smooth non-binding movement while assembling.

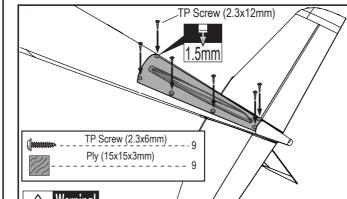
,..... Do not overlook this symbol!



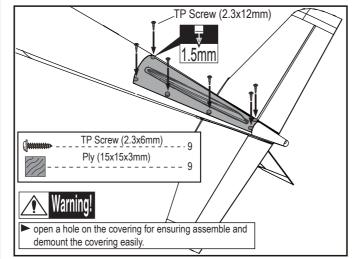


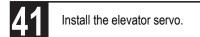


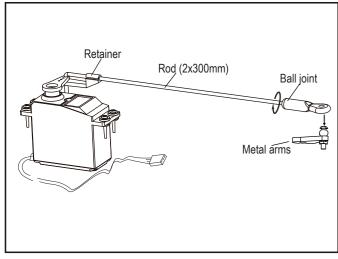


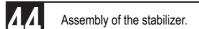


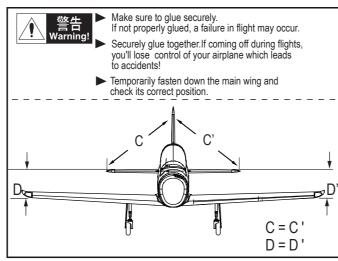
Epoxy the plies to appropriate position under the tail landing gear covering and assemble the tail landing gear covering to the fuselage as below.

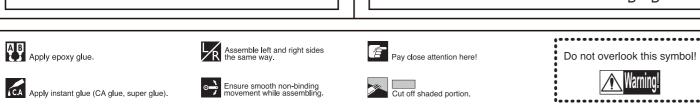












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