Before start, please carefully read the explanations!

DC-3



Specification:

Length :1790 mm(70.5")
Wing Span :2640 mm(103.9")
Wing Area :77.39 sq. dm

8.33 sq. ft

Wing Loading :116.3 g/sq. dm $\,$

38.1 oz/sq. ft

Flying Weight :9 kg(19.8 lbs)
Radio :6ch&12 servos
Engine :70 2-cycle

91 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.





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

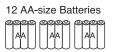


A minimum 6 channel radio for airplanes (with 12 servos), and dry batteries.



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.

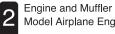


A minimum 6 channel transmitter for airplanes.



Glow Plug

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



Model Airplane Engine: 2-cycle .90-160

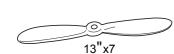
For float plane.160 size engine(2C)is highly recommended







Spinner nut



Purchase a propeller that

will match your engine.

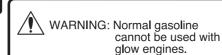


Sponge Sheet



























Other equipment for enhancing airplane operation & performance

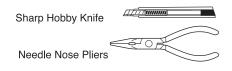




12V Battery (for starter)



TOOLS REQUIRED (Purchase separately!)

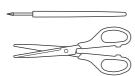


Phillips Screw Driver (I, m, s)



Ensure smooth non-binding

movement while assembling.



......

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.



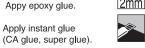
Check all parts. If you find any defective or missing parts, contact your local dealer.



Symbols used throughout this instruction manual, comprise:



Appy epoxy glue. Apply instant glue



Drill holes with the specified diameter (2mm).

Cut off shade portion.



Cut off excess.



Pay close attention



Assemble left and right sides the same way.

Narning!

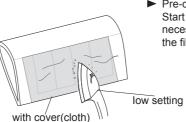


Must be purchased separately!

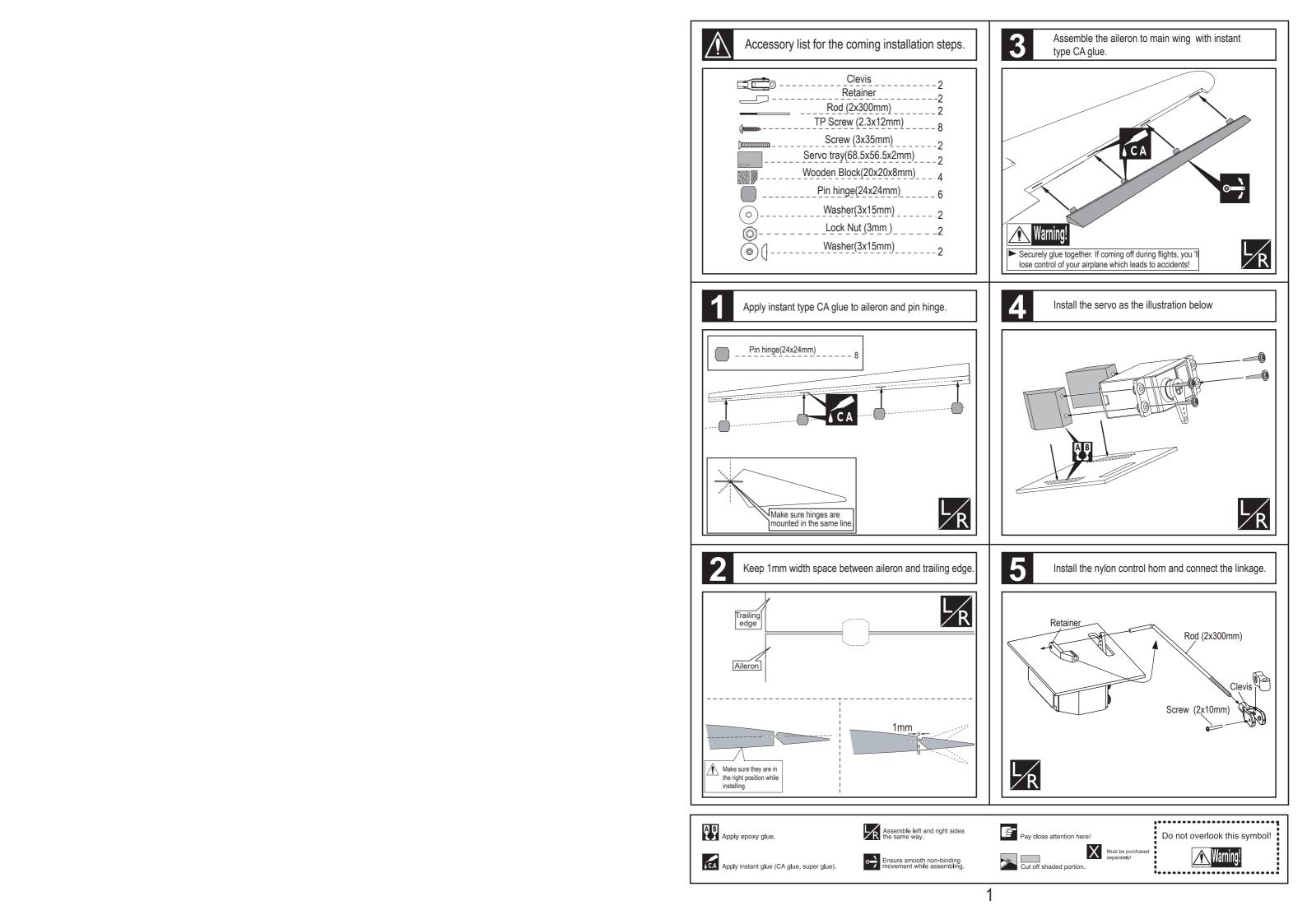


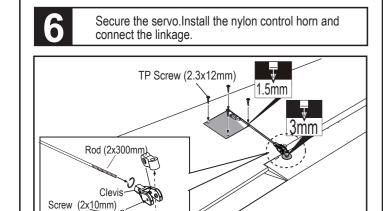
Remove the covering with proper pressure to cut through only the covering itself. Otherwise, cutting down into the balsa structure may weaken the model part and cause accident.

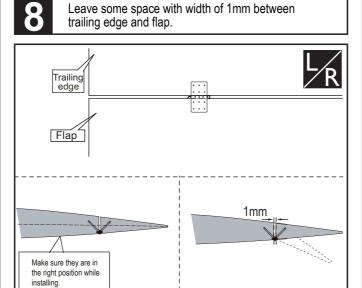
The pre-covered film on ARF kits may wrinkle due to variations of temperature. Smooth out as explained right.

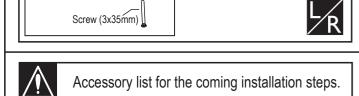


► Pre-cover the covering with clean cloth! Start at low setting. Increase the setting if necessary.If it is too high, you may damage







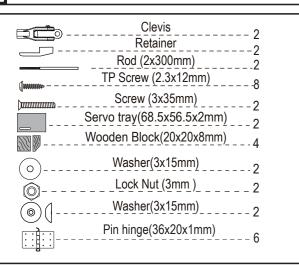


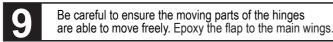
Lock Nut (3mm

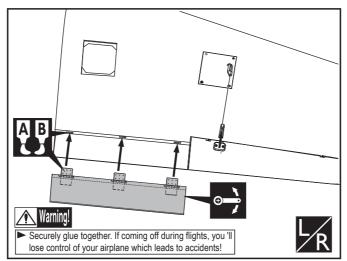
Washer(3x15mm)

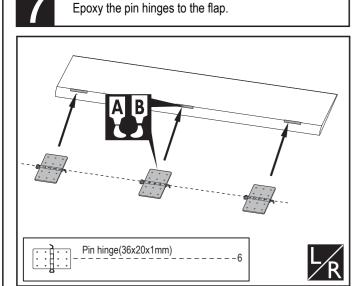
Washer

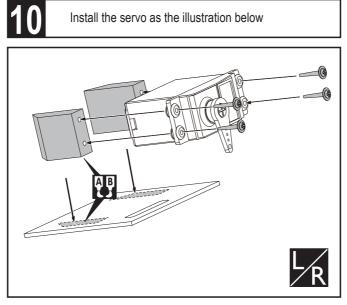
Screw (3x35mm

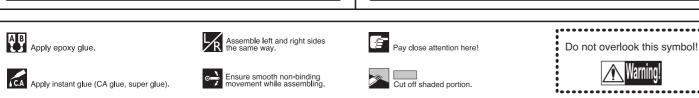


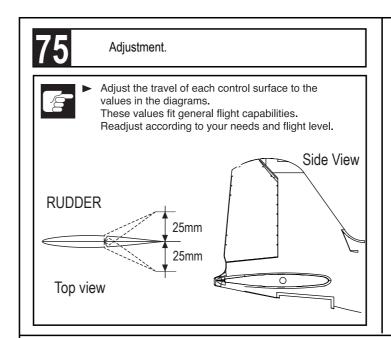


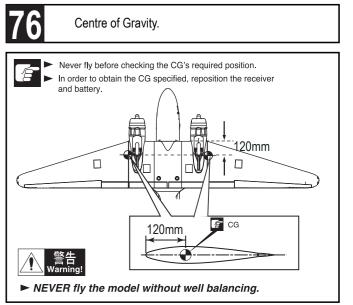






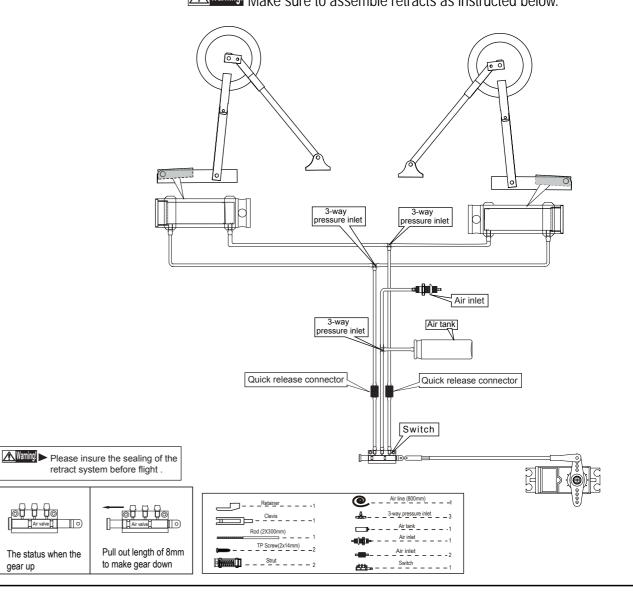


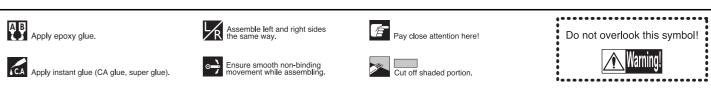


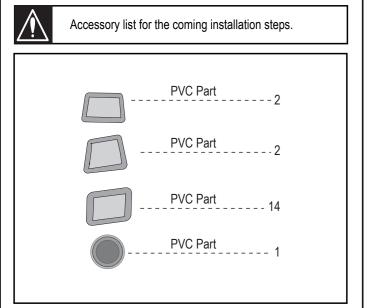


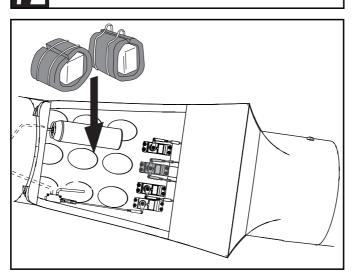


Make sure to assemble retracts as instructed below.

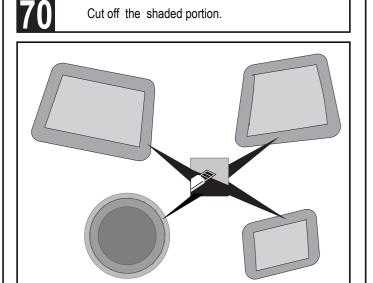


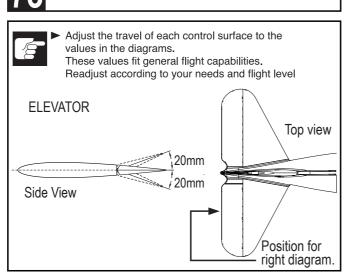




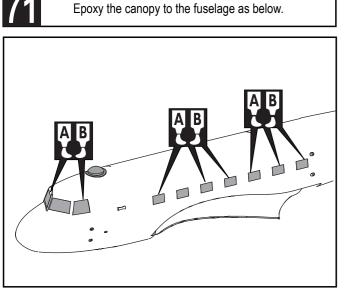


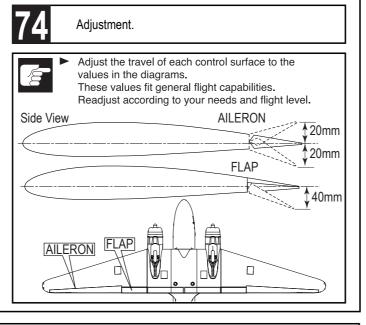
Mount the receiver and the battery to the fuselage.

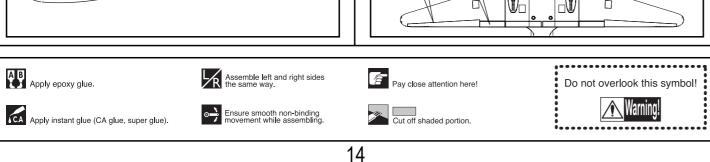


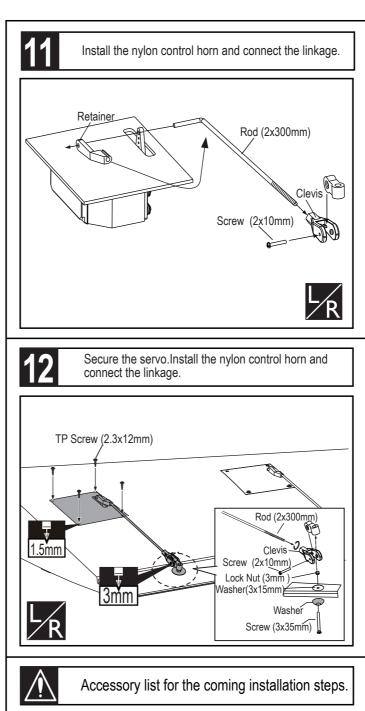


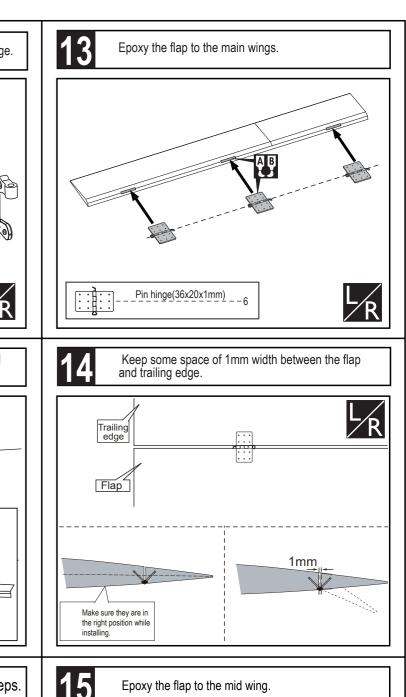
Adjustment.

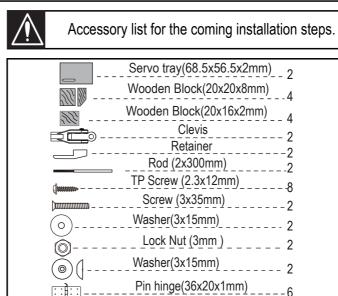


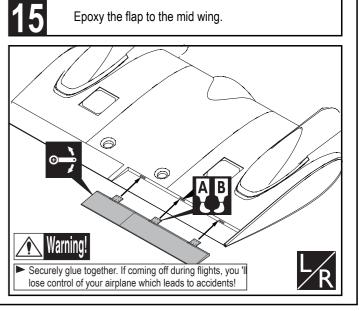


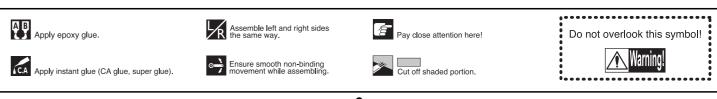


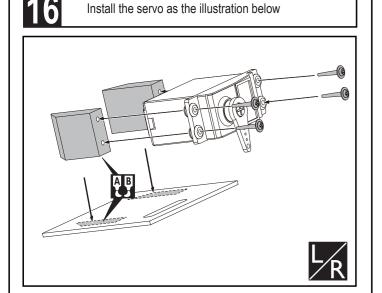


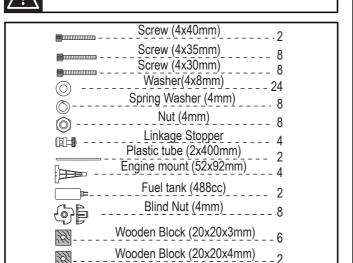






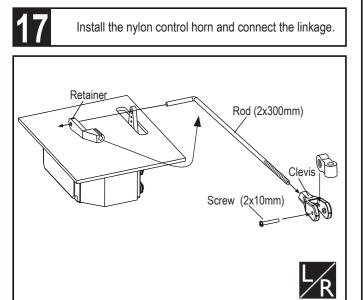


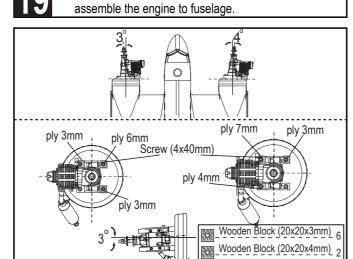


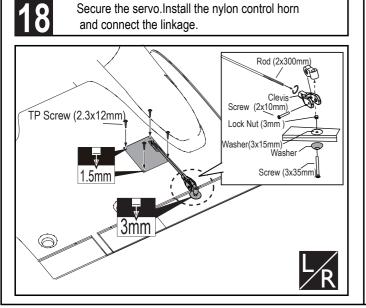


Please read the illustration below carefully before

Accessory list for the coming installation steps.



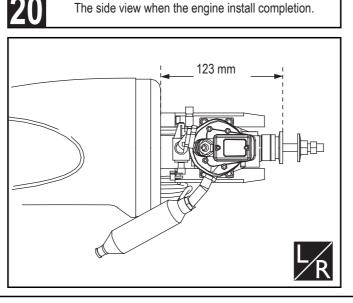


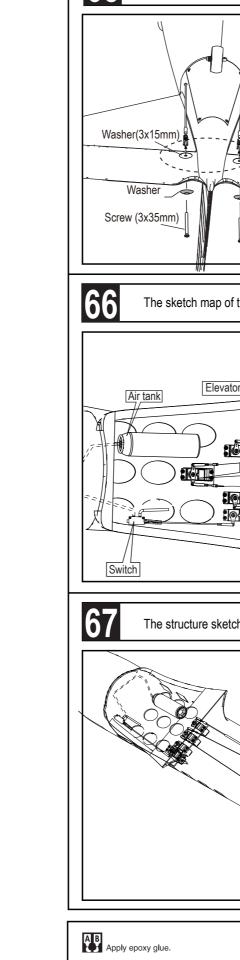


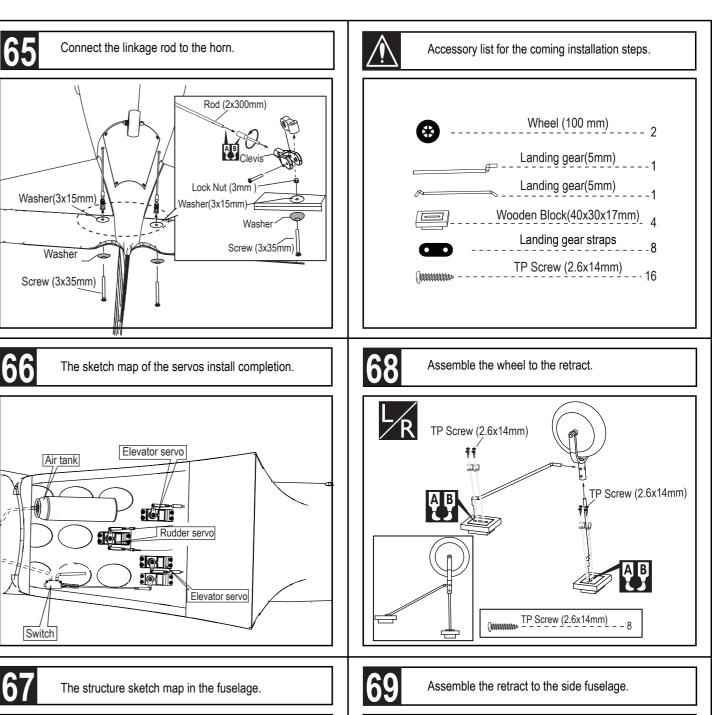
Assemble left and right sides the same way.

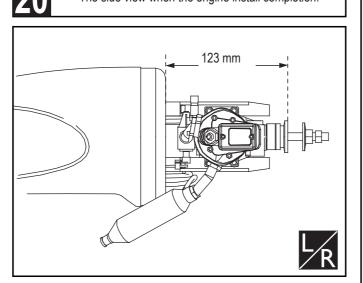
A B Apply epoxy glue.

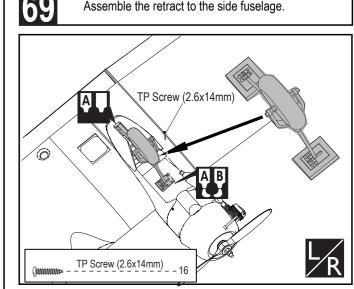
Apply instant glue (CA glue, super glue).





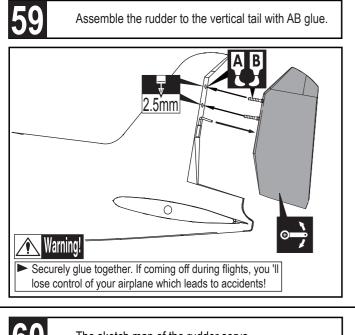


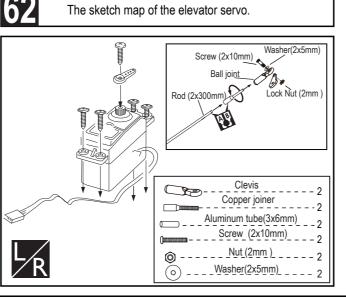


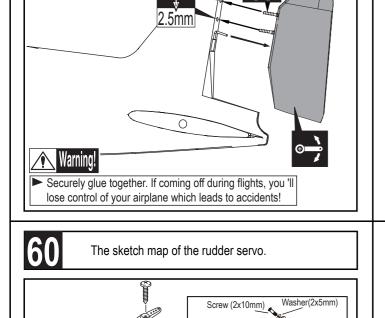


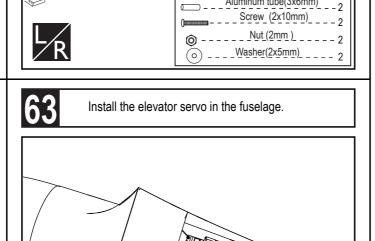


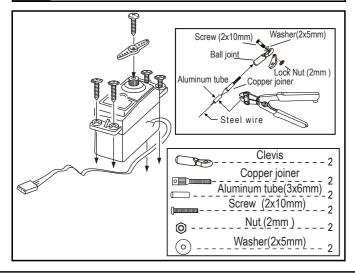


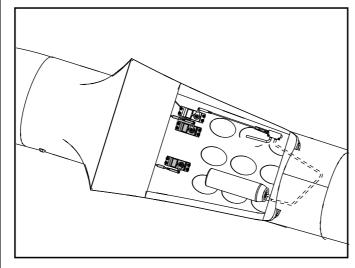


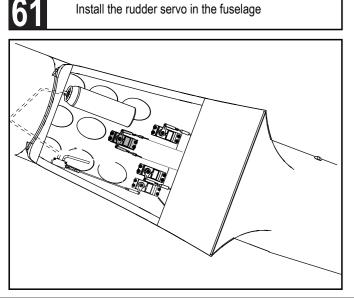


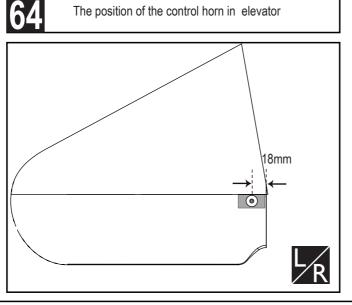


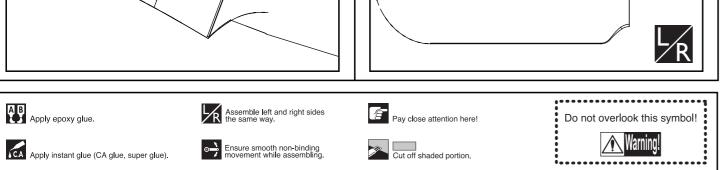


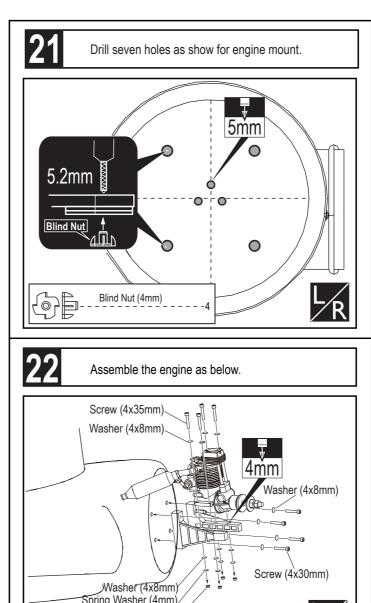


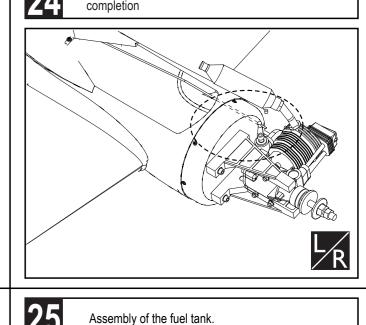




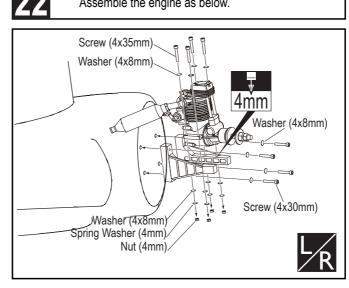


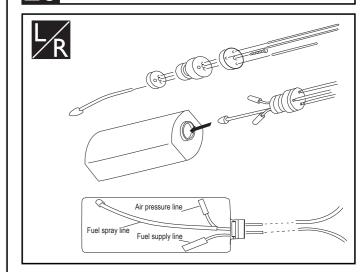


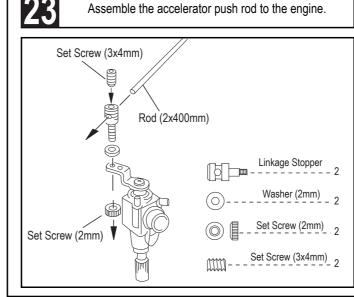


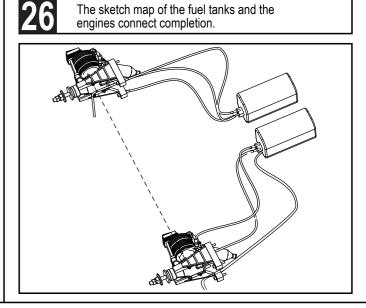


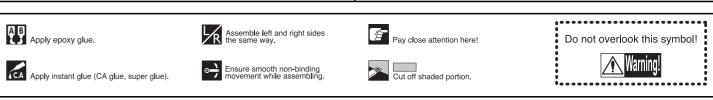
The sketch map of the the push rod assemble

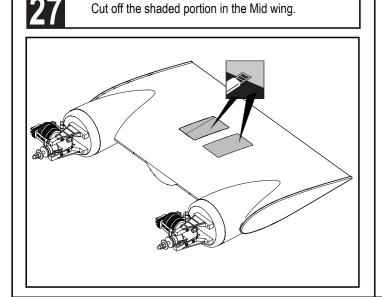


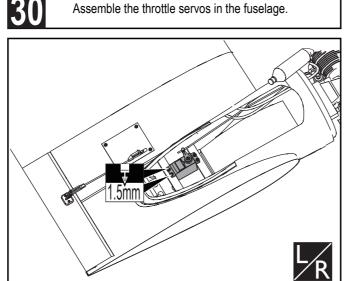


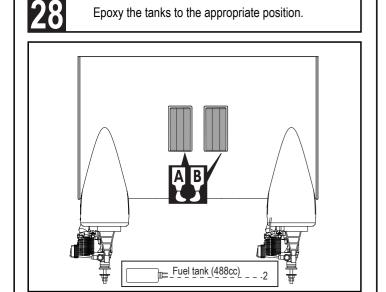


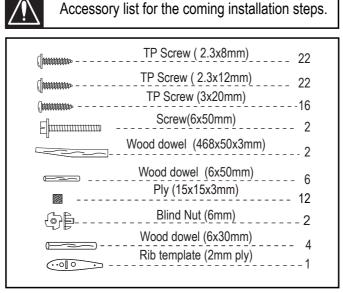


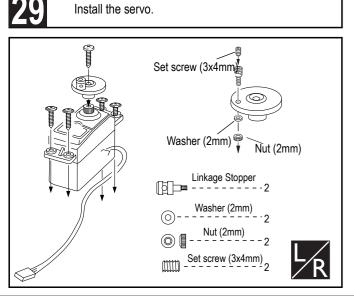


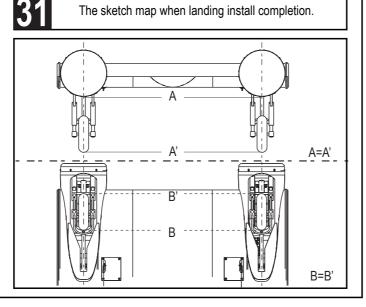


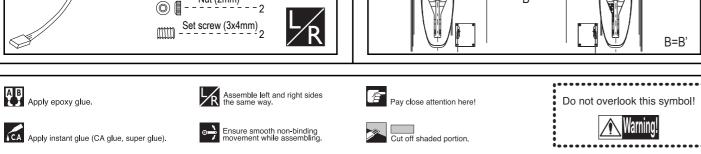


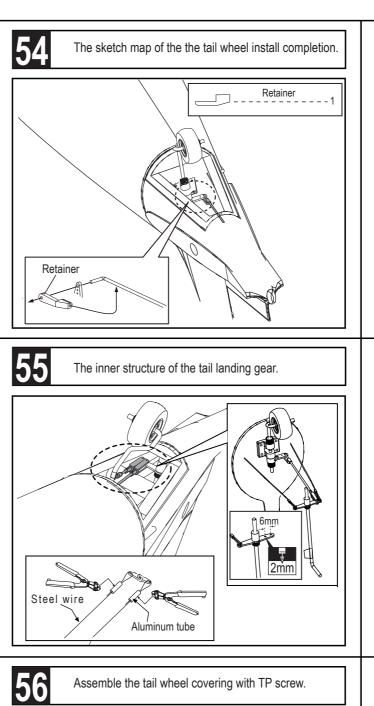


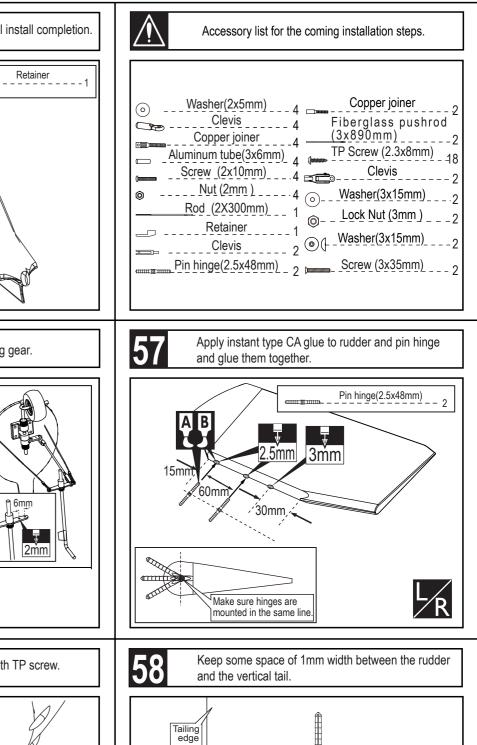


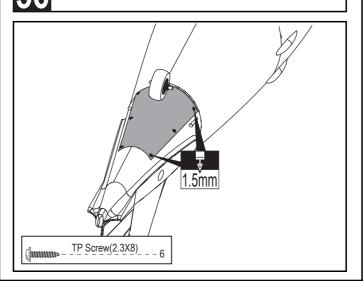


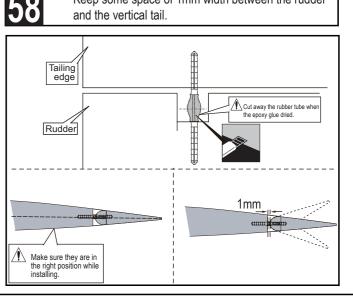


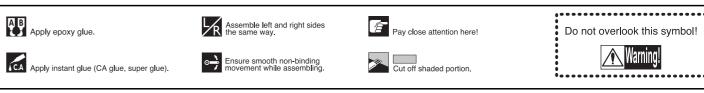


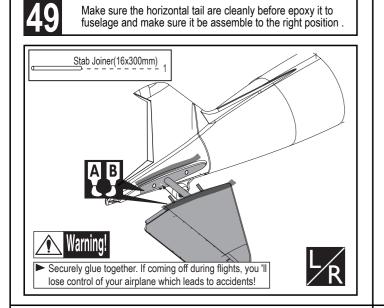


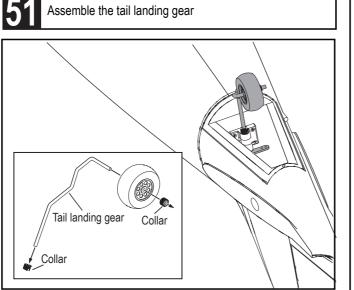


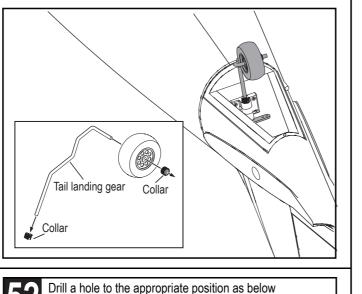




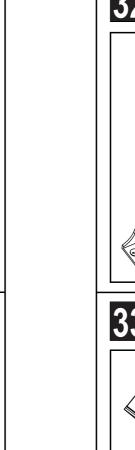


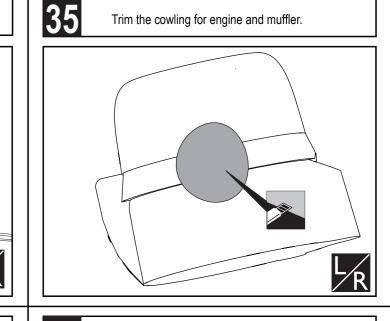


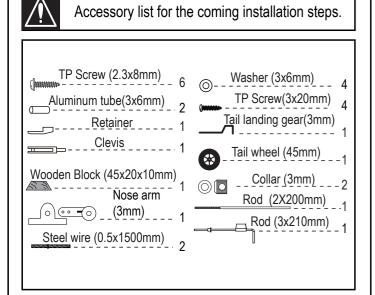


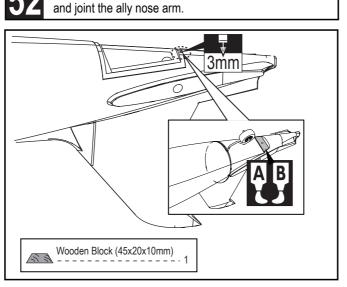


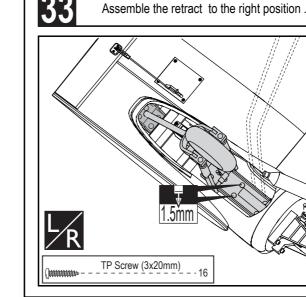




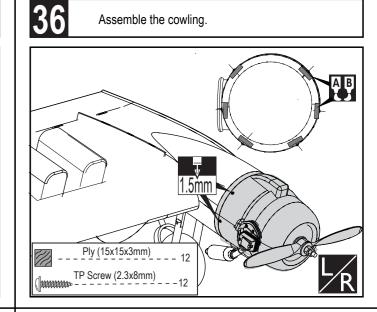


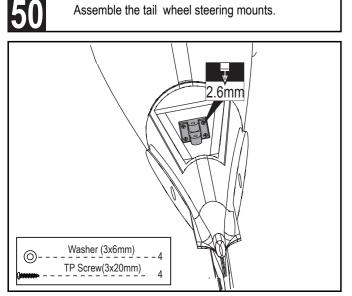


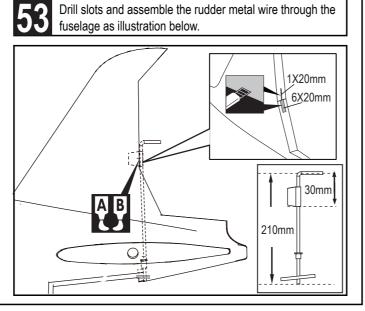


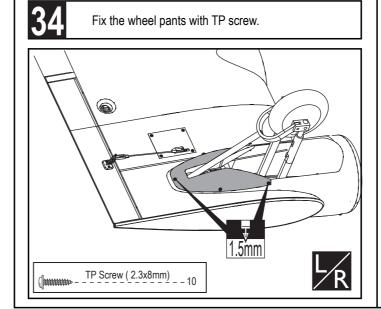


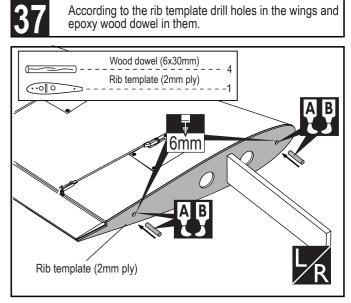
The working sketch map of the retract.











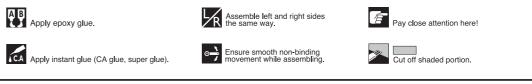
,....

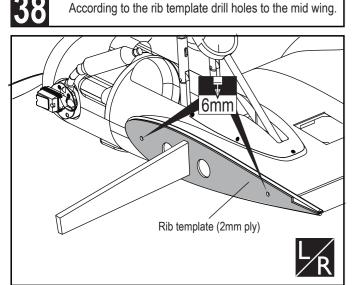
Do not overlook this symbol!

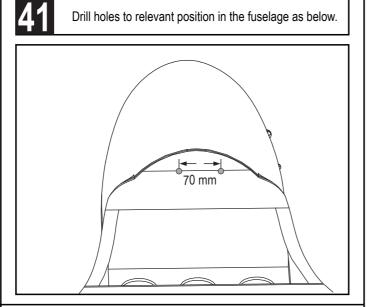




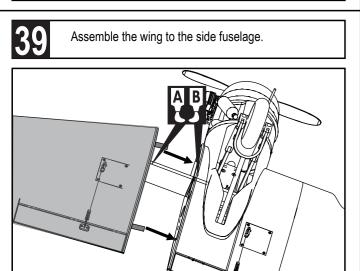








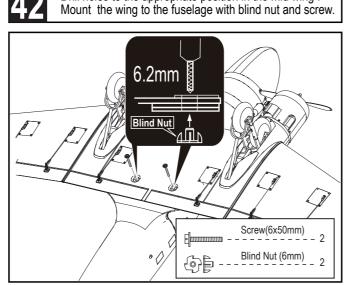
Drill holes to the appropriate position in the mid wing

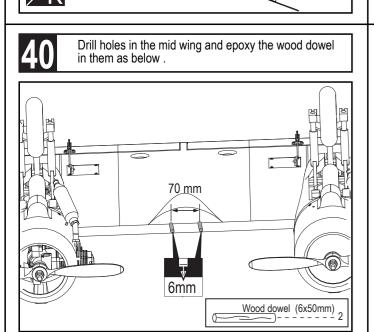


0

Assemble left and right sides the same way.

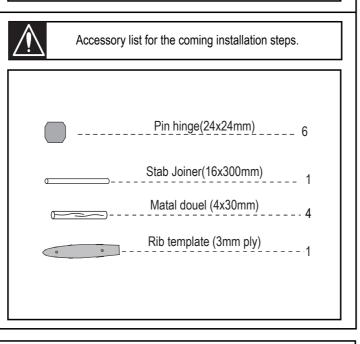
8

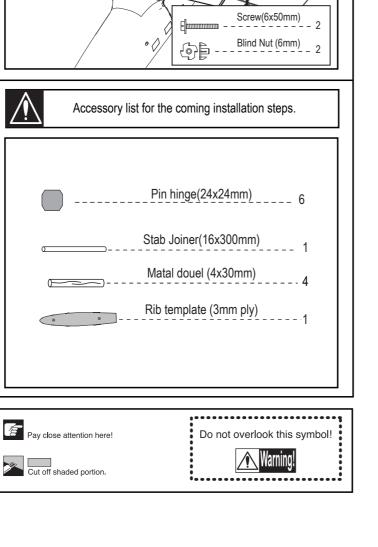


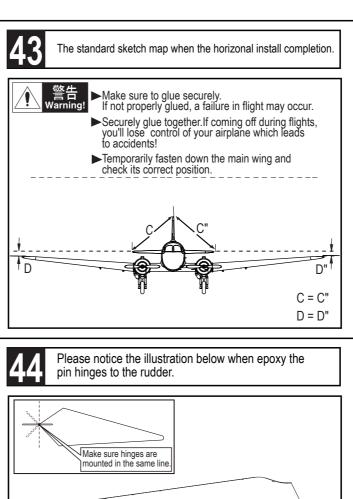


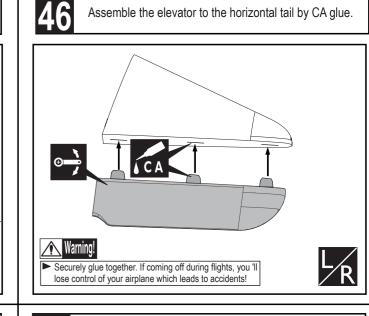
A B Apply epoxy glue.

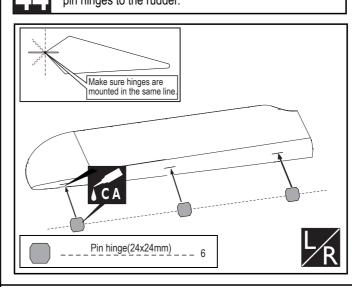
C.A Apply instant glue (CA glue, super glue).

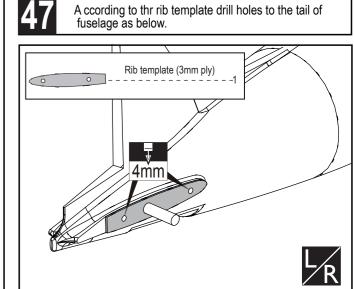


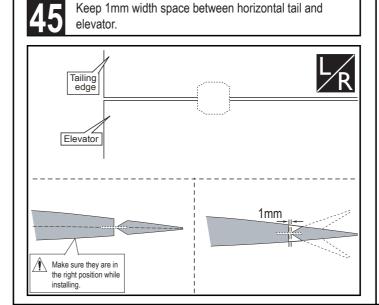


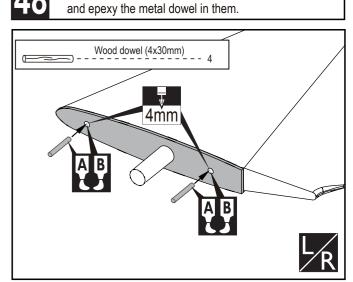












Drill two holes at the stabilizer root base on rib template

