Before	start	.please	carefully	v read	the e	xplanat	ions
	otal t	, picacc	Jaioran	yioaa		Apiaila	

Focke-Wulf Fw 190



Specification:

Length :1449 mm(57")
Wing Span :1800 mm(70.9")
Wing Area :56.1 sq. dm
6.04 sq. ft

Wing Loading :103.4 g/sq. dm

33.7 oz/sq. ft

Flying Weight :5.8 kg(12.8 lbs)
Radio :6ch&8 servos
Engine :108 2-cycle

120 4-cycle

INSTRUCTION MANUAL



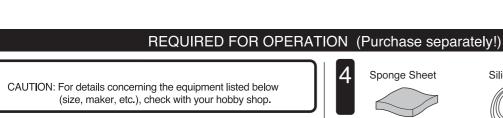
SAFETY PRECAUTIONS

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.

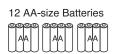


A minimum 6 channel radio for airplanes (with 9 servos), and dry batteries.



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.

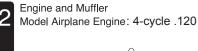


A minimum 6 channel transmitter for airplanes.



Glow Plug

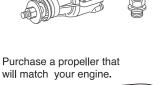
For handling the radio properly, refer to its instruction manual.





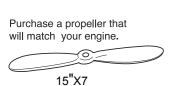


Propeller Spinner





3.5 in Spinner



Required for engine starting:





WARNING: Normal gasoline cannot be used with glow engines.



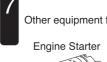
Fuel Pump Booster Cord







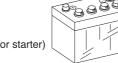




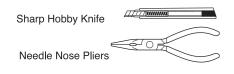
Other equipment for enhancing airplane operation & performance





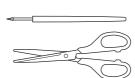


TOOLS REQUIRED (Purchase separately!)



Phillips Screw Driver (I, m, s)





......

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.



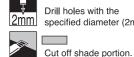
Symbols used throughout this instruction manual, comprise:



Appy epoxy glue.



Apply instant glue (CA glue, super glue).



Drill holes with the specified diameter (2mm).





Cut off excess. Ensure smooth non-binding

movement while assembling.



Pay close attention



Assemble left and right sides the same way.

Warning!

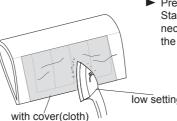


Must be purchased separately!

Warning

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.

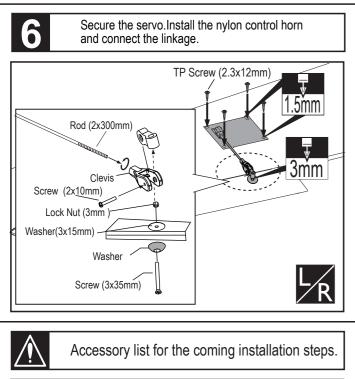
The pre-covered film on ARF kits may wrinkle due to variations of temperature. Smooth out as explained right.

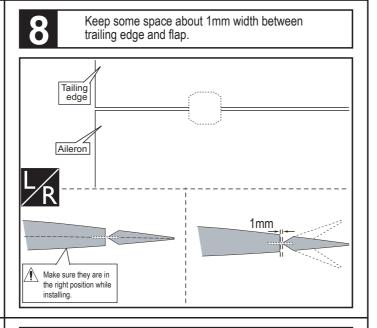


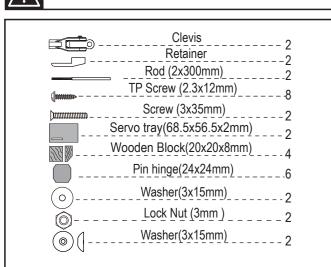
► Pre-cover the covering with clean cloth! Start at low setting. Increase the setting if necessary. If it is too high, you may damage

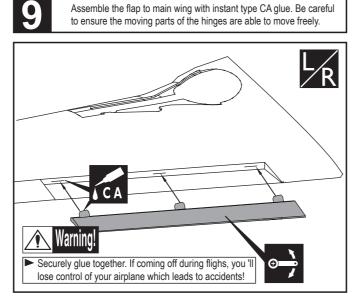
low setting

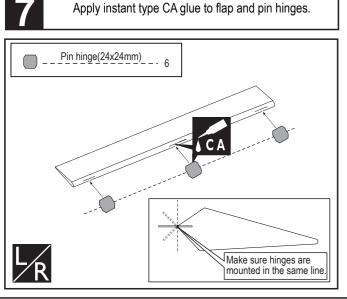
Accessory list for the coming installation steps.	Assemble the aileron to main wing with instant type CA glue. Be careful to ensure the moving parts of the hinges are able to move freely.
Clevis	Warning! Securely glue together. If coming off during flights, you 'II lose control of your airplane which leads to accidents!
Apply instant type CA glue to aileron and pin hinge.	Install the servo as the illustration below
Pin hinge(24x24mm) ———————————————————————————————————	AB
Keep some space about 1mm width between aileron and trailing edge.	Install the nylon control horn and connect the linkage.
Tailing edge Aileron Aileron Imm the right position while installing.	Retainer Rod (2x300mm) Screw (2x10mm)
Assemble left and right sides the same way. Assemble left and right sides the same way. Apply instant glue (CA glue, super glue).	Pay close attention here! Do not overlook this symbol! Cut off shaded portion. Warning!
	1

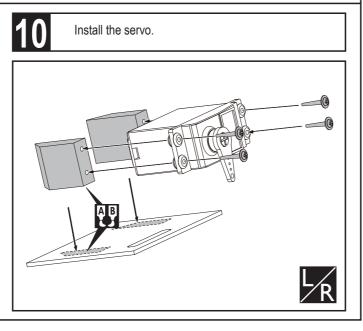




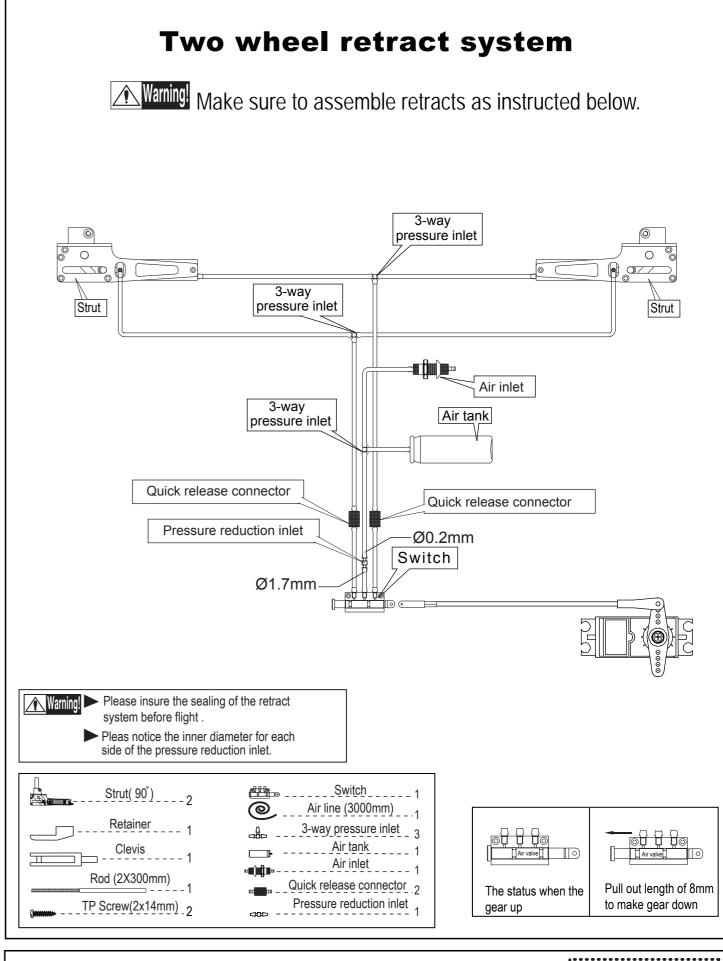


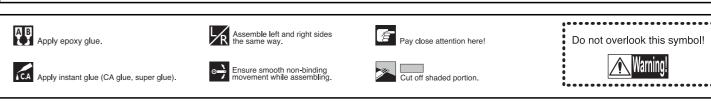


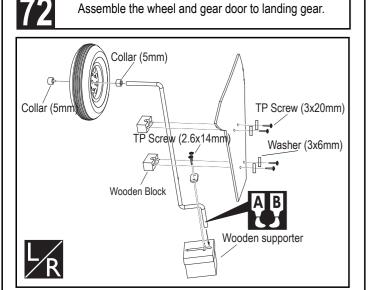


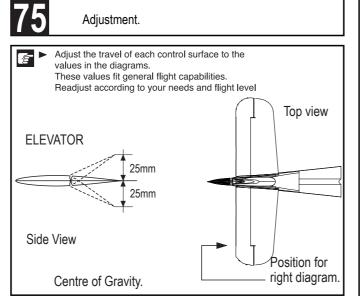


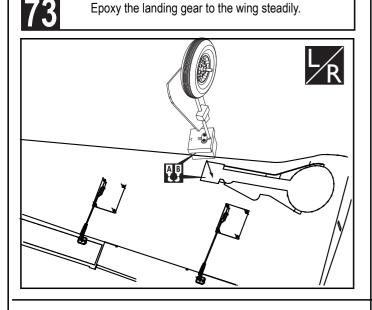


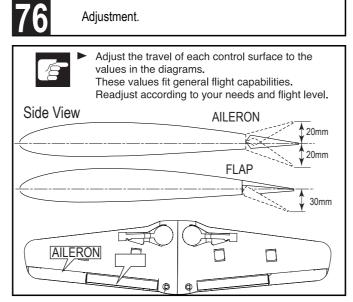


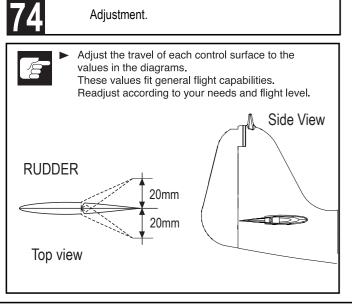


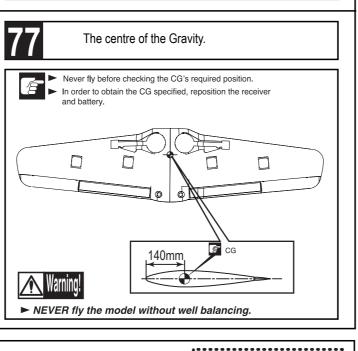


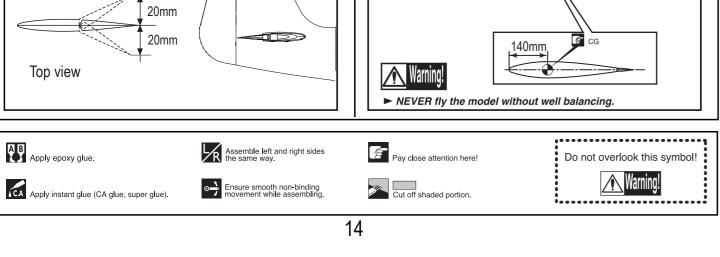


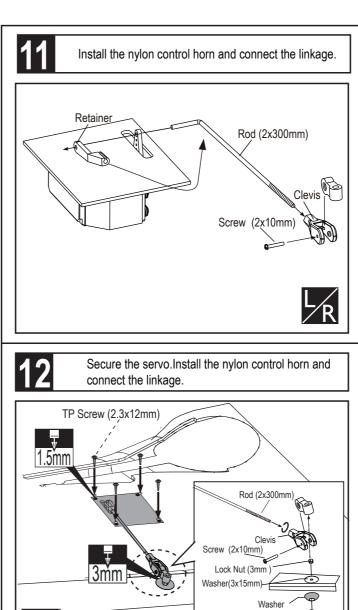


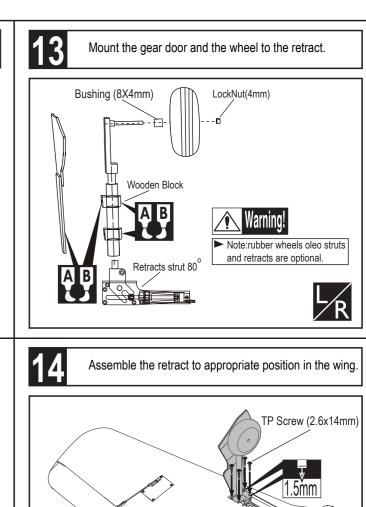


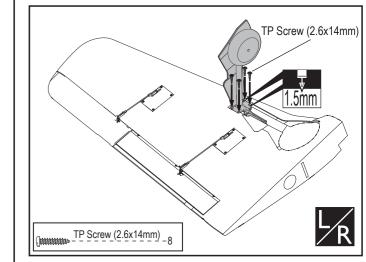


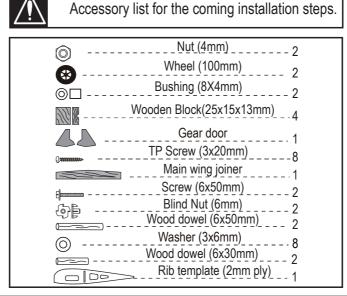




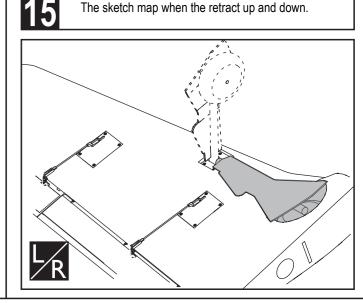


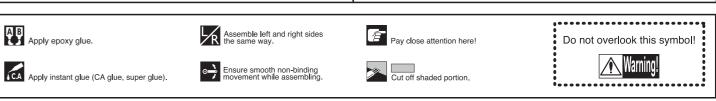


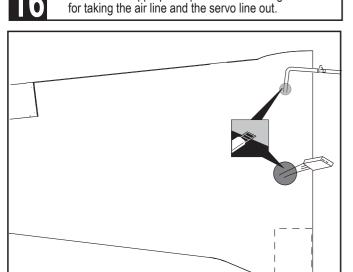




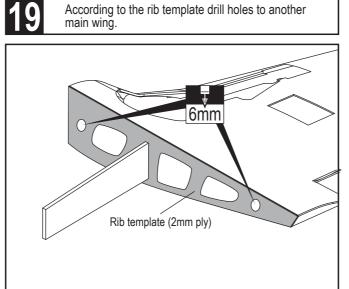
Screw (3x35mm)

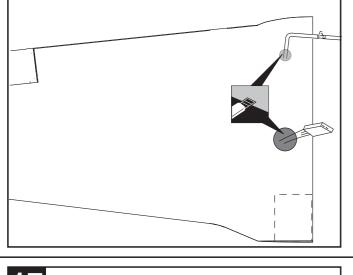


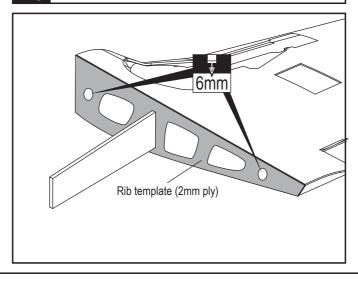


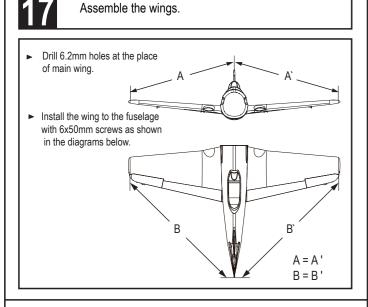


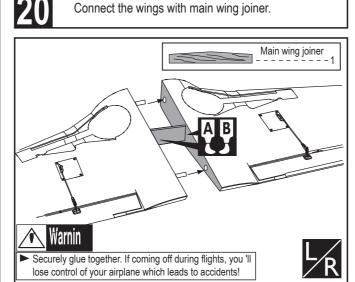
Drill holes at appropriate position in the wing

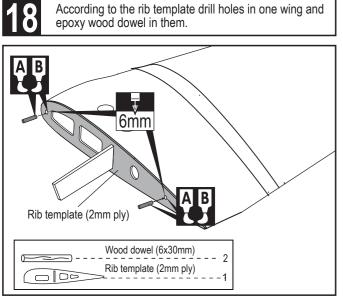


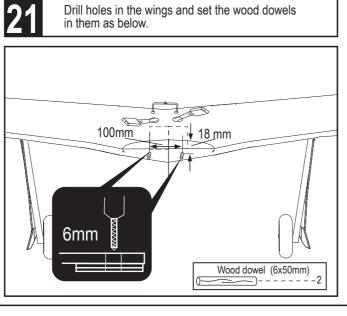


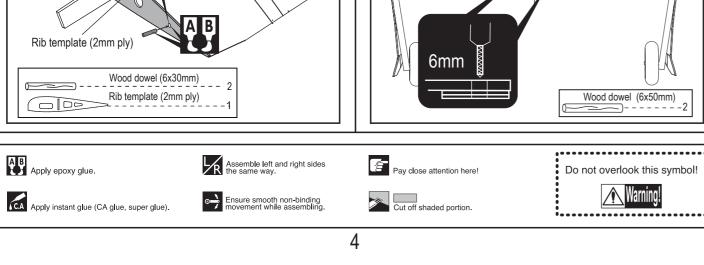


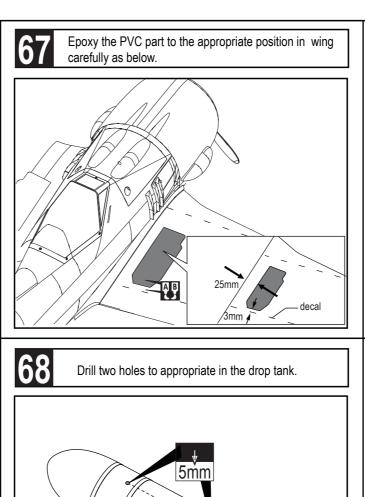


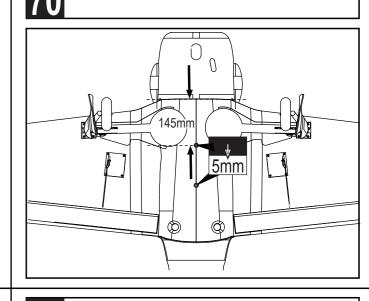


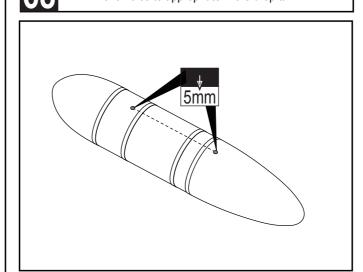


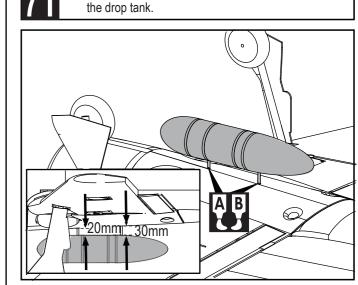




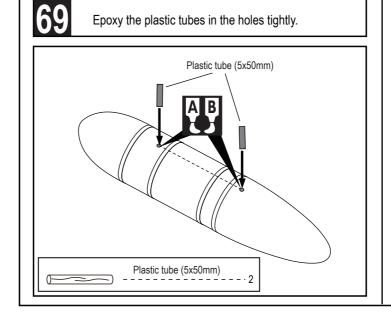








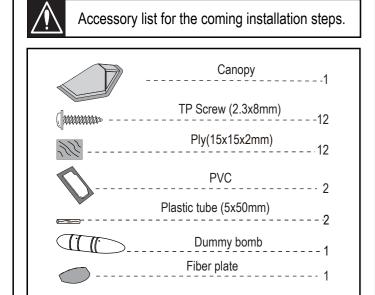
Please notice the datas below when assemble

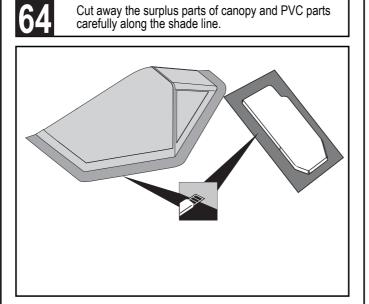


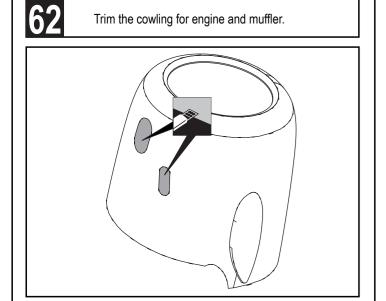


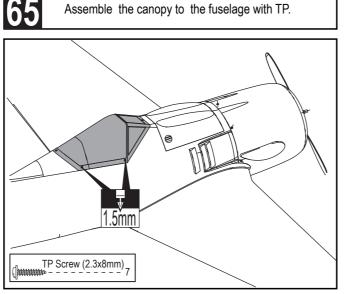


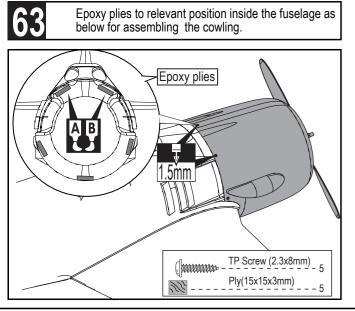
13

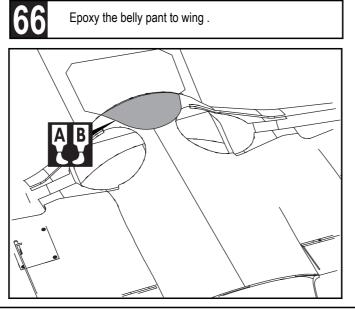


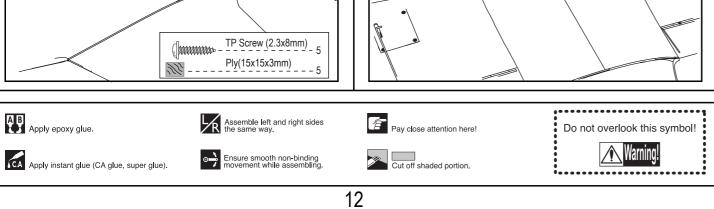


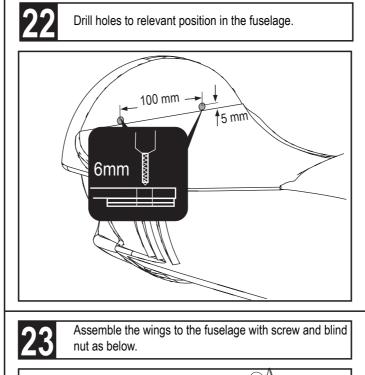


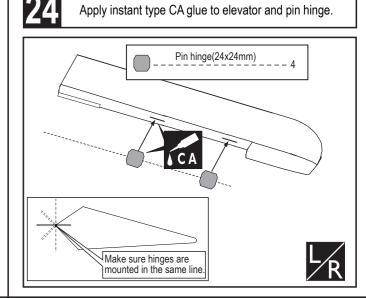


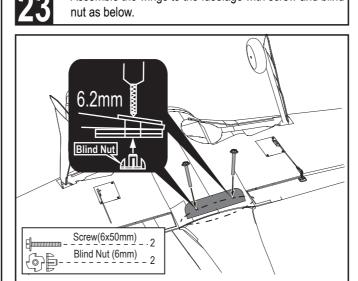


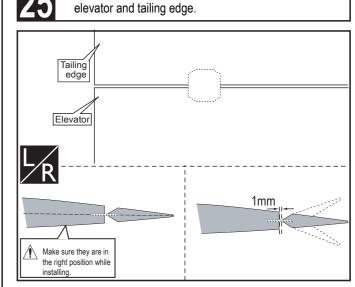




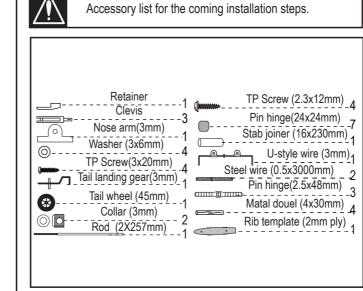


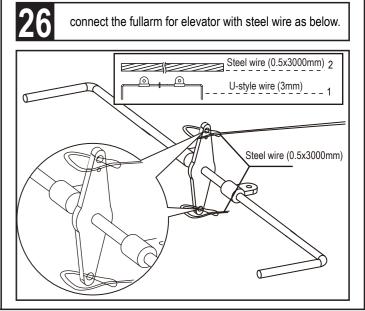


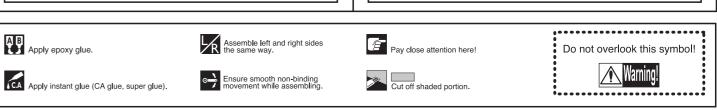


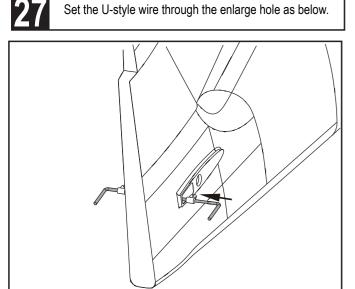


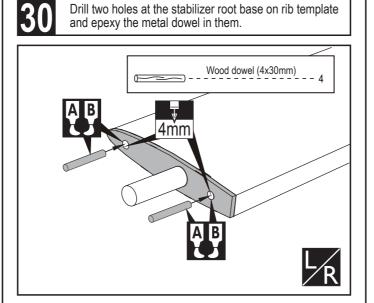
Keep some space about 1mm width between

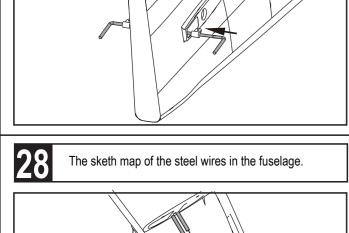


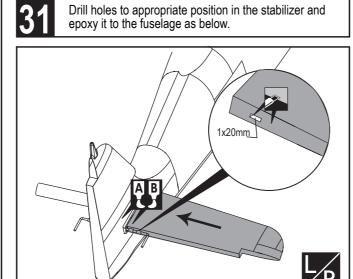


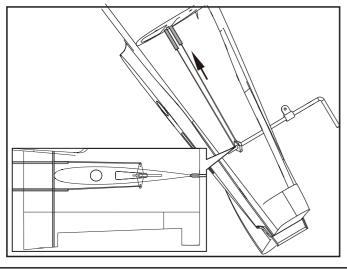




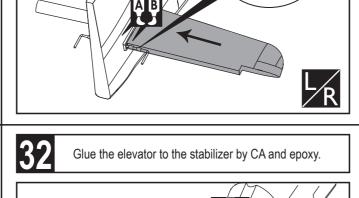


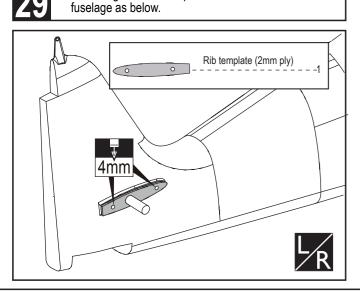






A ccording to thr rib template drill holes to the tail of





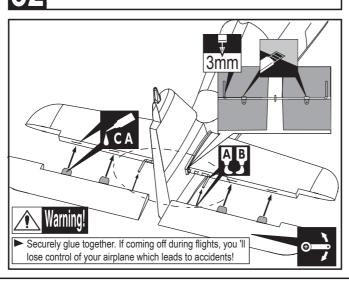
Assemble left and right sides the same way.

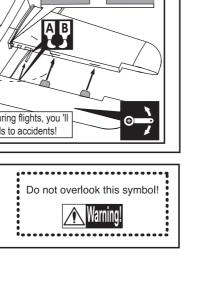
Ensure smooth non-binding movement while assembling.

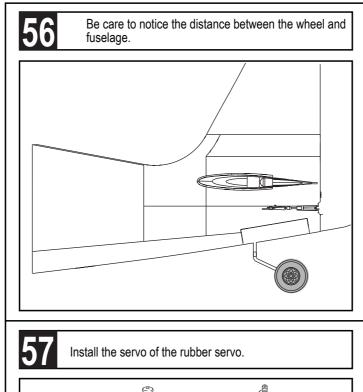
6

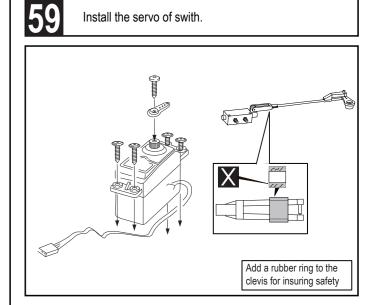
Apply epoxy glue.

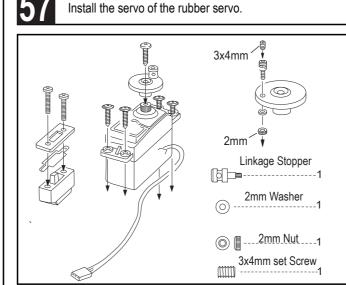
Apply instant glue (CA glue, super glue).

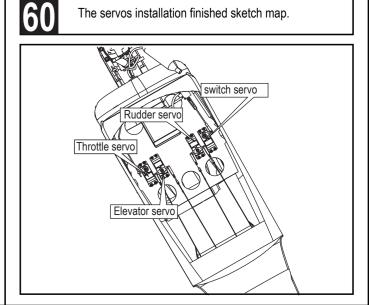




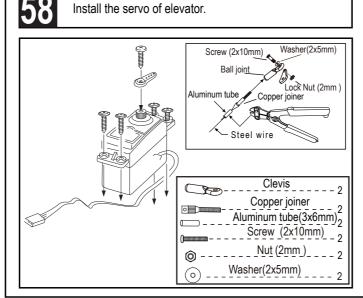


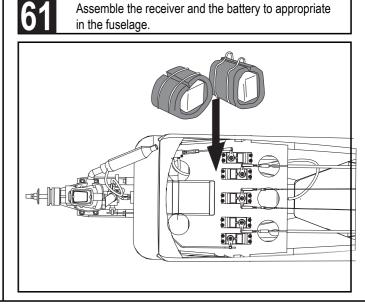


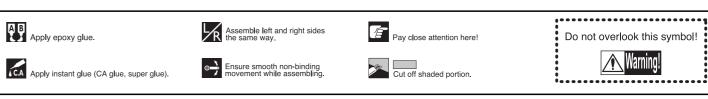




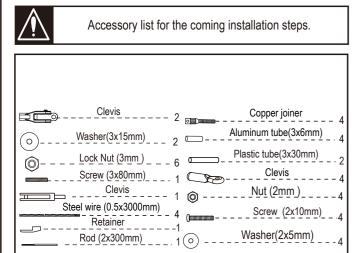
The servos installation finished sketch map.

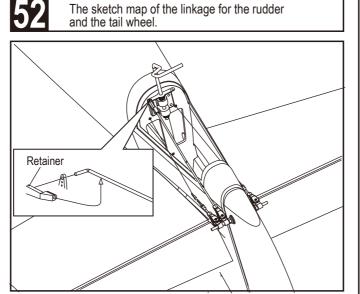


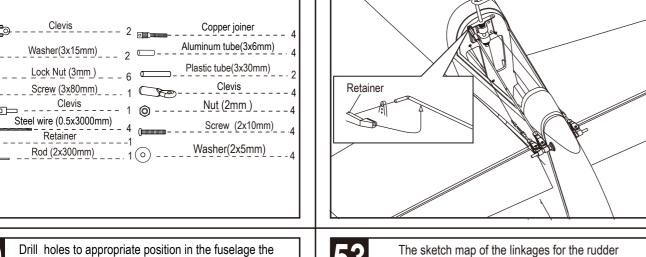


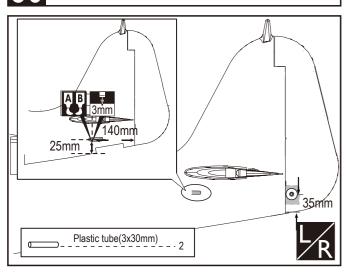


11

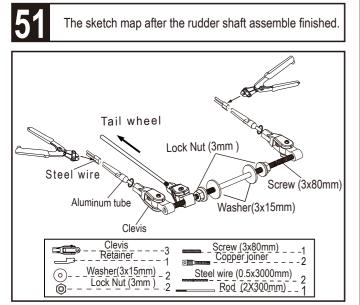








position of the horn in the rudder.



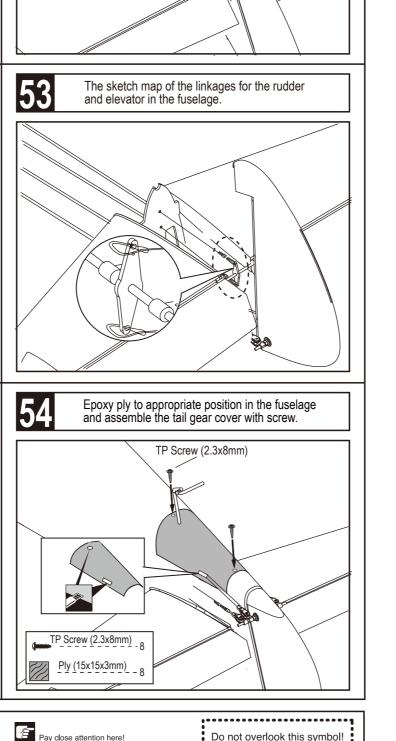
Assemble left and right sides the same way.

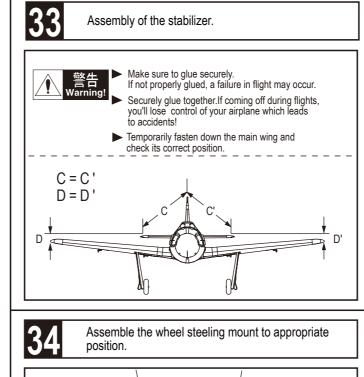
Ensure smooth non-binding movement while assembling.

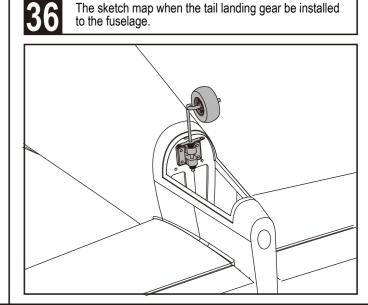
Cut off shaded portion.

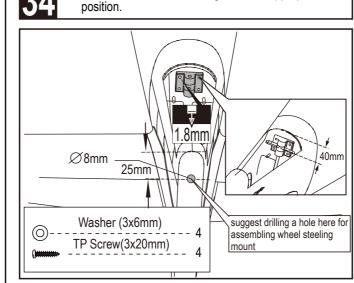
A B Apply epoxy glue

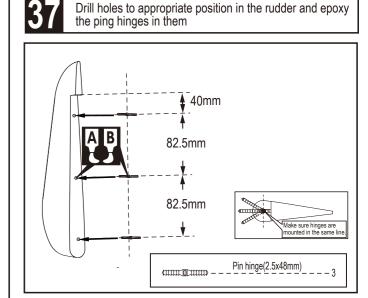
C.A Apply instant glue (CA glue, super glue).

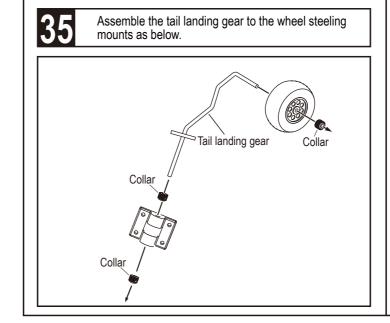


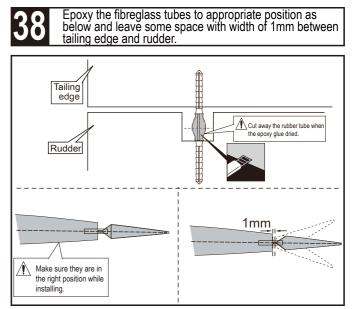






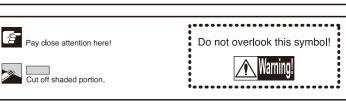




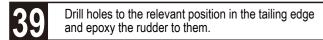


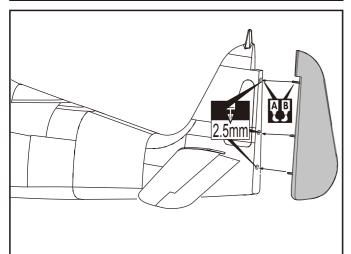


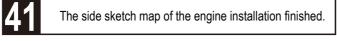


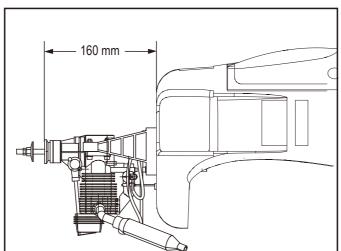


10

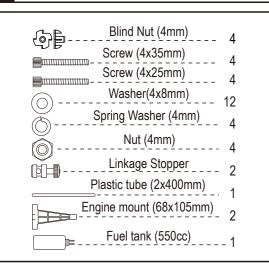




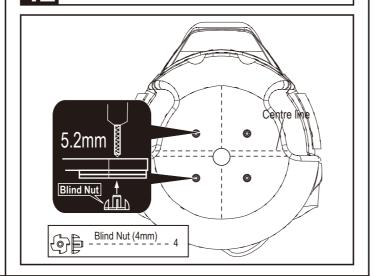


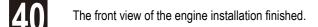


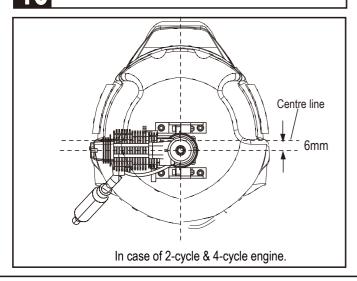




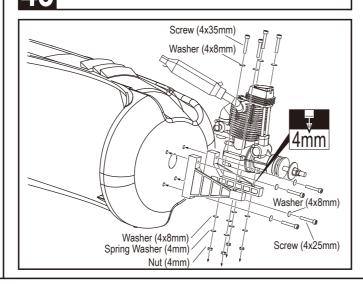
Drill 4 holes and set blind nut in appropriate position in the firewall before install the engine.







Install the engine carefully.



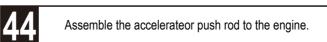
Apply epoxy glue.

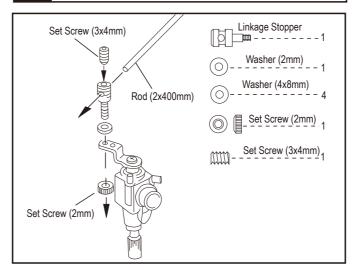


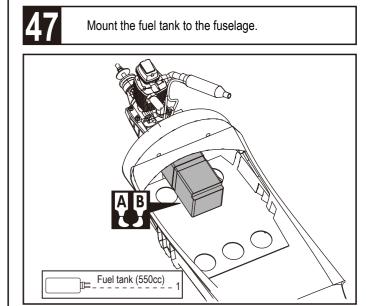
Assemble left and right sides the same way.



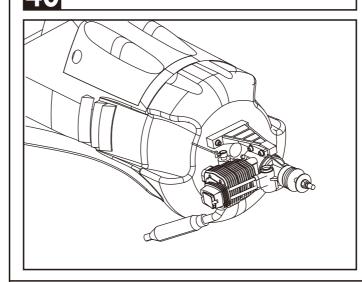




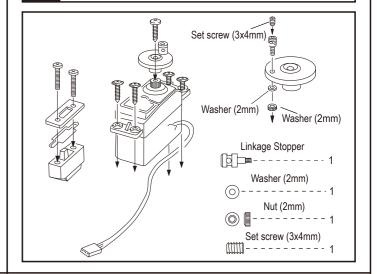


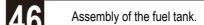


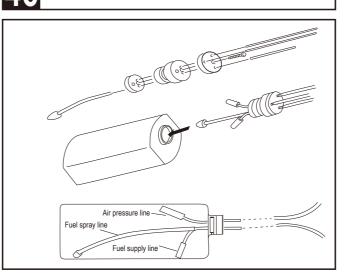




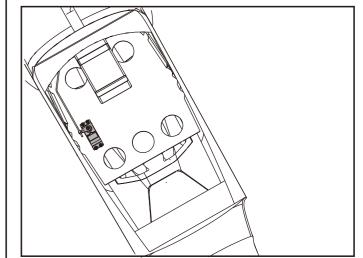
18 Install the servo.



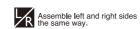


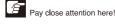


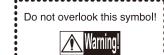
Assemle the throttle servo to the fuselage.



Apply epoxy glue.







Apply instant glue (CA glue, super glue).

