

Before commencing assembly, please read these instructions thoroughly.



F8F Bearcat



Warning!

SAFETY PRECAUTIONS

This radio control model is not a toy!

- First-time builders should seek advice from people having building experience in order to assemble the model correctly and to produce its performance to full extent.
- Assemble this kit only in places out of children's reach!
- Take enough safety precautions prior to operating this model. You are responsible for this model's assembly and safe operation!
- Always keep this instruction manual ready at hand for quick reference, even after completing the assembly.

SPECIFICATION

WingSpan.....2460 mm (96.8in)
WingArea.....96 dm²(1473sq.in)
Length.....1930 mm (76 in)
Engine.....80-100 cc gas engine
Radio.....6 channel, 10 servos

REQUIRED FOR OPERATION (Purchase separately)

- 1 A minimum 6 channel radio for airplanes (with 10 servos). And dry batteries.



CAUTION: Only use a minimum 6 channel radio for airplanes! (No other radio may be used!)

A minimum 6 channel transmitter for airplanes.



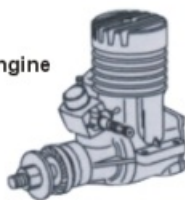
12 AA-size Batteries



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

- 2 Engine and Muffler
Model Airplane engine
80-100 cc gas engine

Muffler



Glow plug

Purchase a propeller that will match your engine



- 3 Propeller splinner

- 4 Silicone Tube Fuel Filter
- 5 required for engine starting Glow engine fuel only.



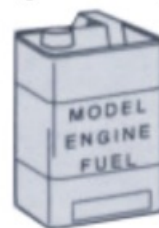
WARNING: Normal gasoline cannot be used with glow engines



Fuel Pump



Plug Wrench

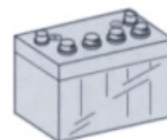


- 6 Glue Instant glue Epoxy Glue

- 7 Other equipment for enhancing airplane operation & perormance



Engine Starter



12V Battery (for starter)



Ignition

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



Phillips Screw Driver



Awl



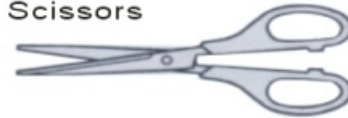
Needle Nose Pliers



Wire Cutters



Scissors



BEFORE YOU BEGIN

1. Read through the manual before you begin ,so you will have an overall idea of what to do.
2. Check all parts .if you find any defective or missing parts .contact your local deater.
3. Symbols used throughout this instruction manual,comprise.



Apply epoxy glue.



Drill holes with the specified Diameter(here:2mm)



Must be purchased separately!



Warning!



Apply instant glue (CA glue,super glue).



Ensure smooth non-binding movement while assembling.



Pay close attention here!

Do not overlook this symbol.



Assemble left and right Sides the same way.



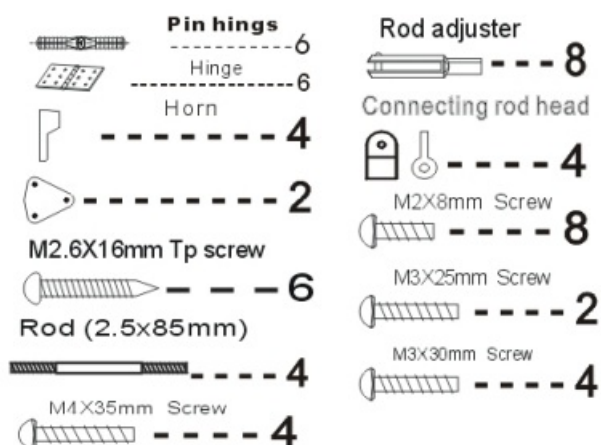
Cut off shaded portion.



Cut off excess.

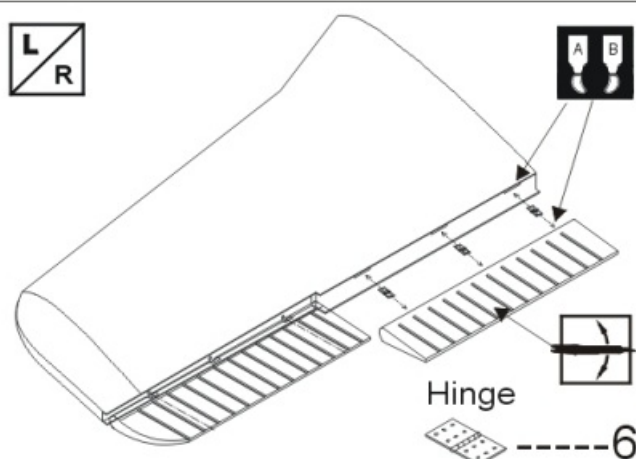


Accessory list for this page.



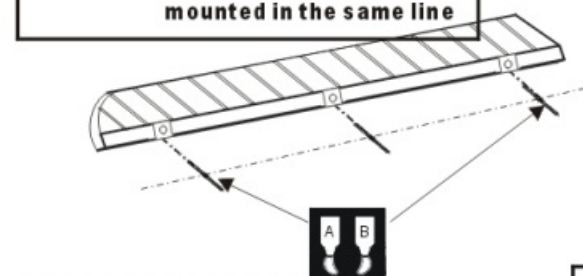
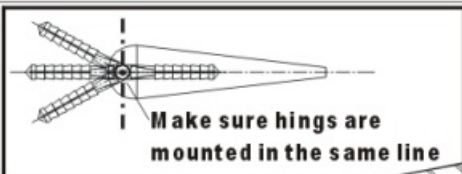
3

Epoxy flap hinges to trailing edge



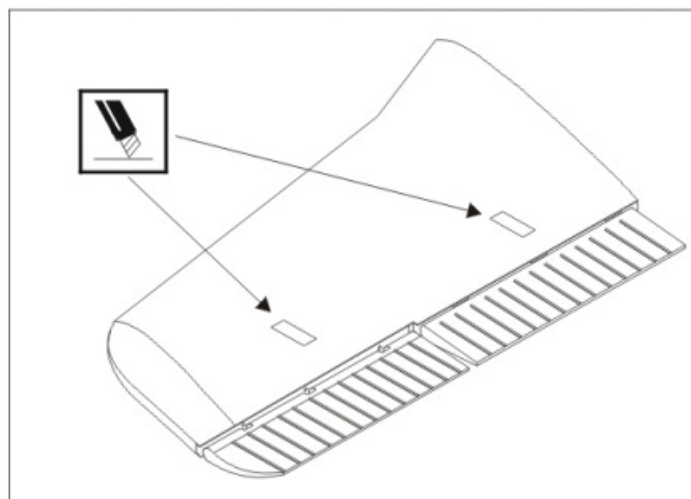
1

Epoxy pin hinges to aileron steadily



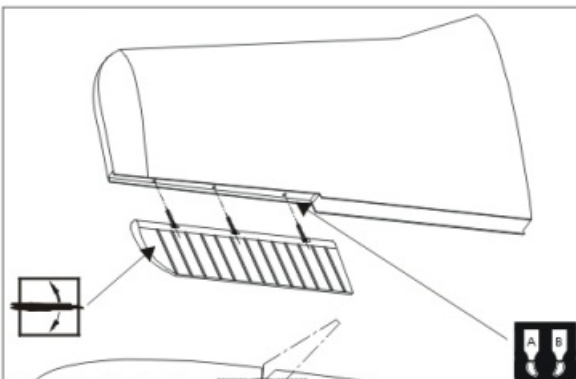
4

Install the servo



2

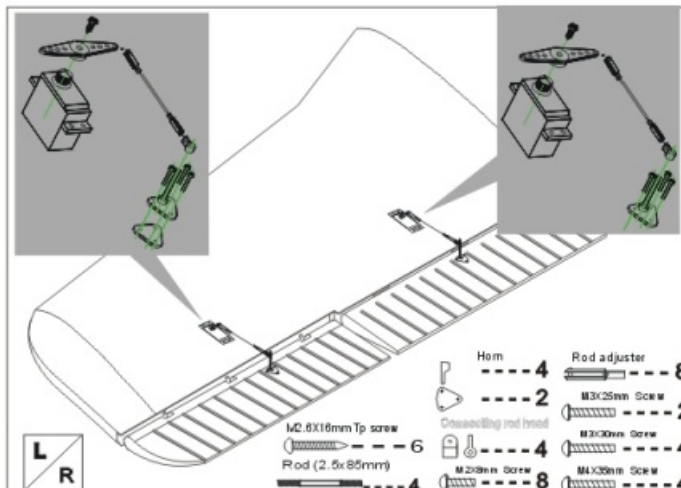
Install the aileron



Securely glue together, if coming off during . You will lose control of your airplane which leads to accidents!

5

Install the nylon control horn and connect the linkage



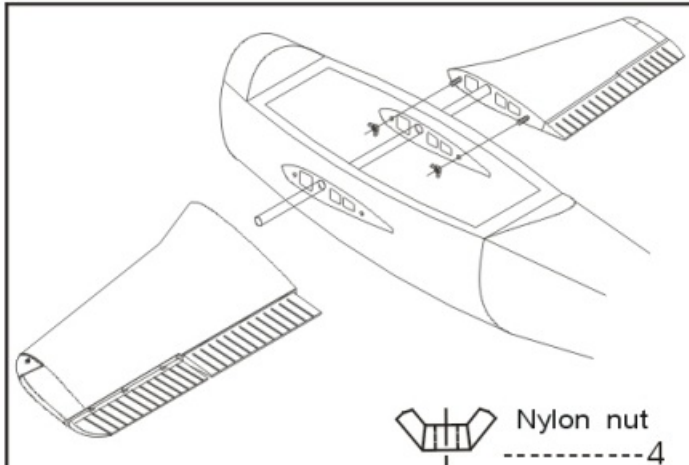


Accessory list for this page.

	Pin hings	-----6		Nylon nut	-----4
	5X45mm Axletree			3X3mm screw	-----2
	3X20mm Tp screw			4X4mm screw	-----2
	5.2mm Collar	-----8		Constrictive	-----4
	2.3x10mm screw				
		-----4			

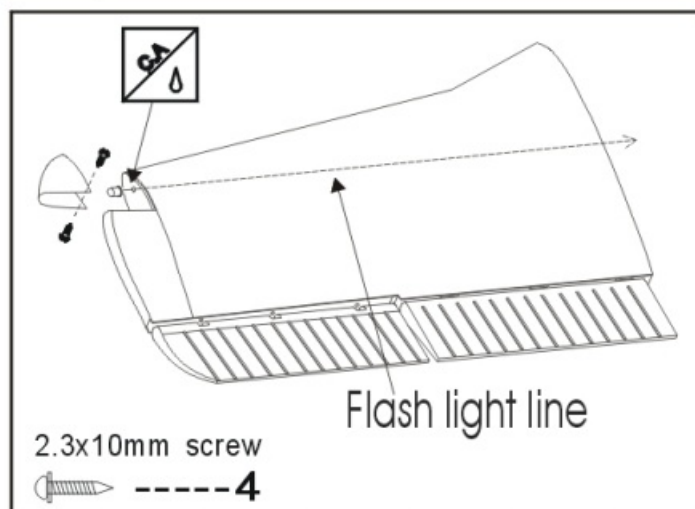
8

Install the main wing



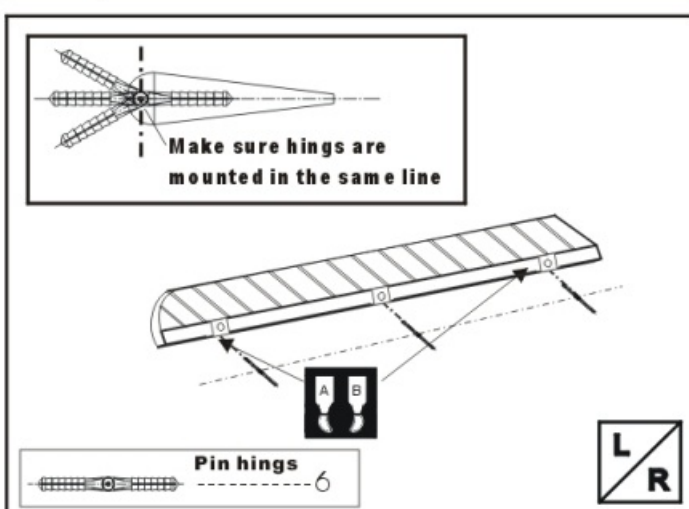
6

Install the lamp-chimney



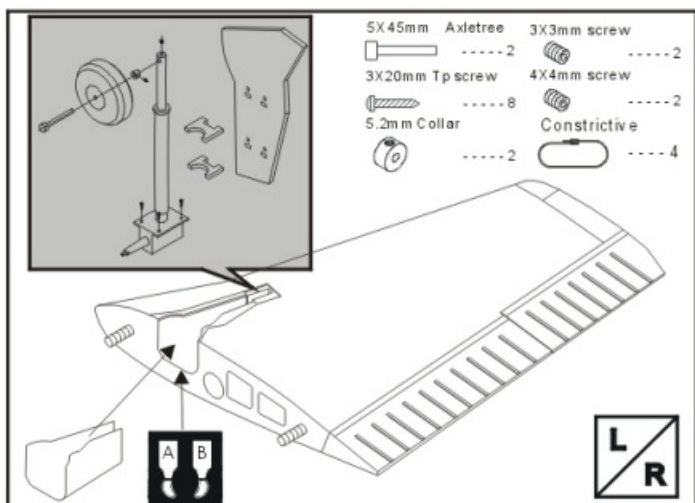
9

Epoxy pin hings to elevator



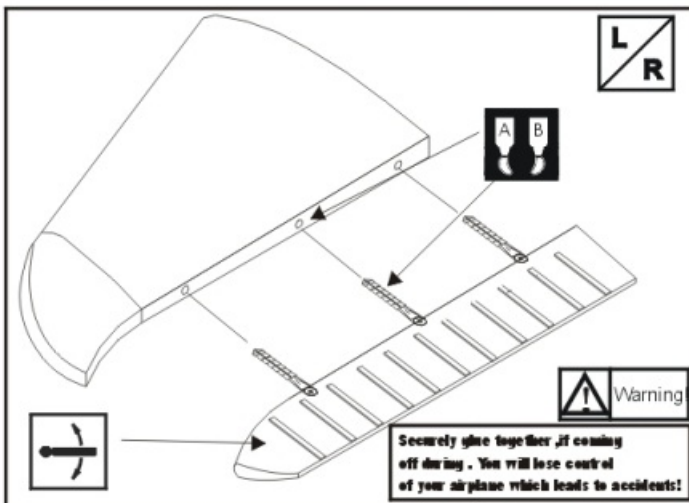
7

Install the main landing gear



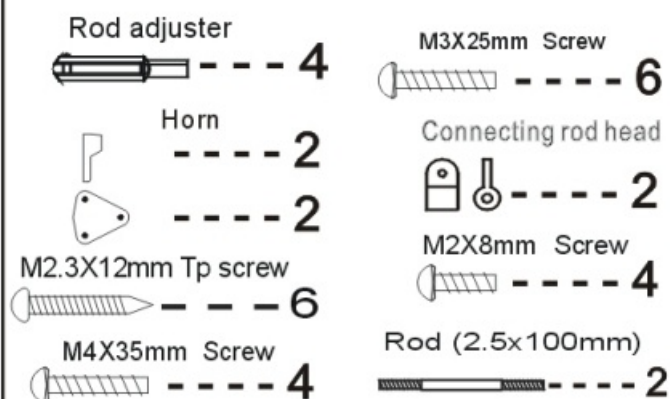
10

Epoxy pin hings to elevator

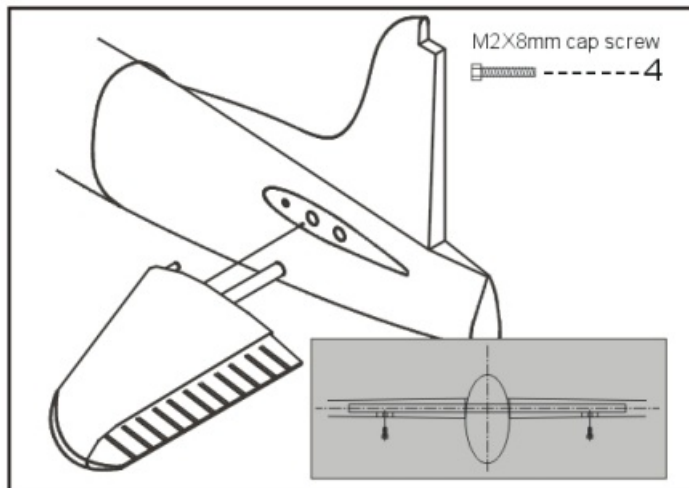




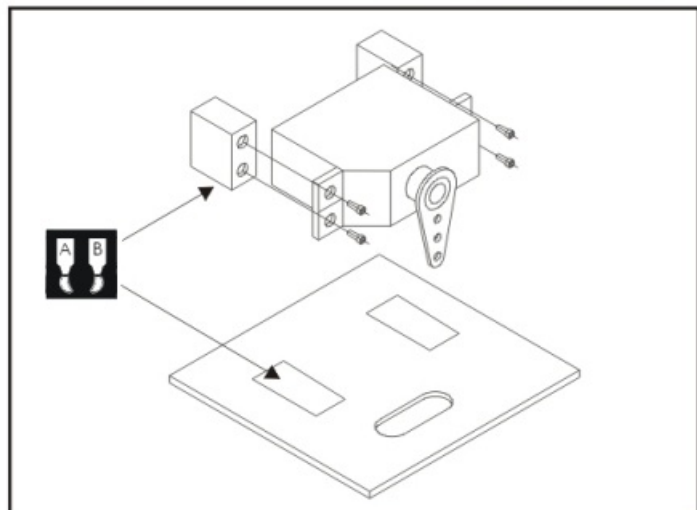
Accessory list for this page.



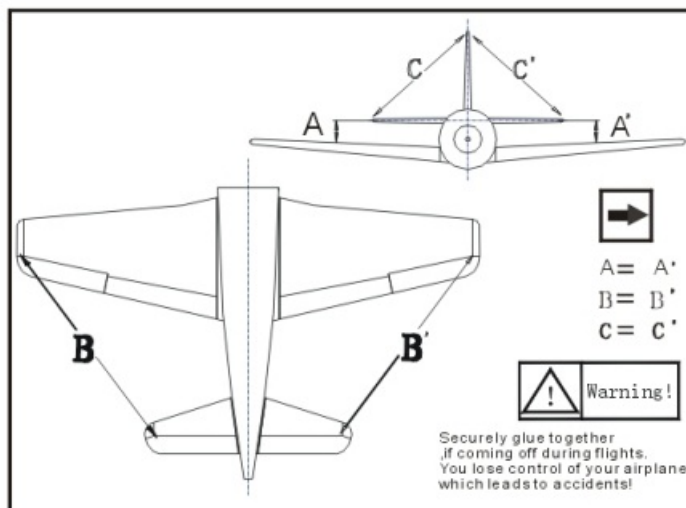
13 Install the horizontal tail



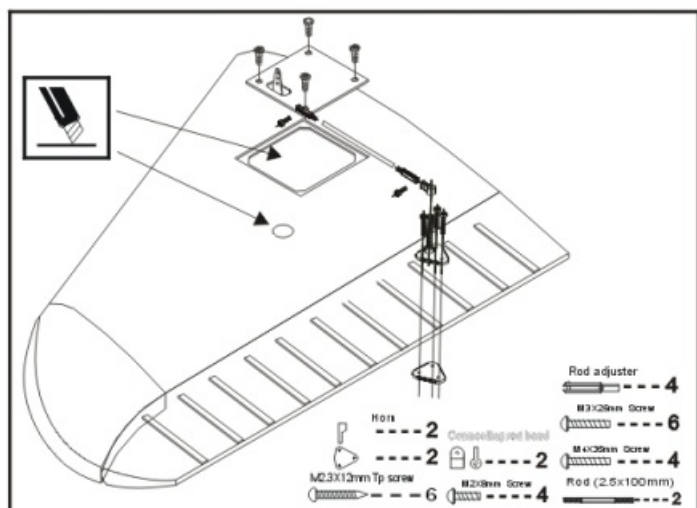
11 Install the servo



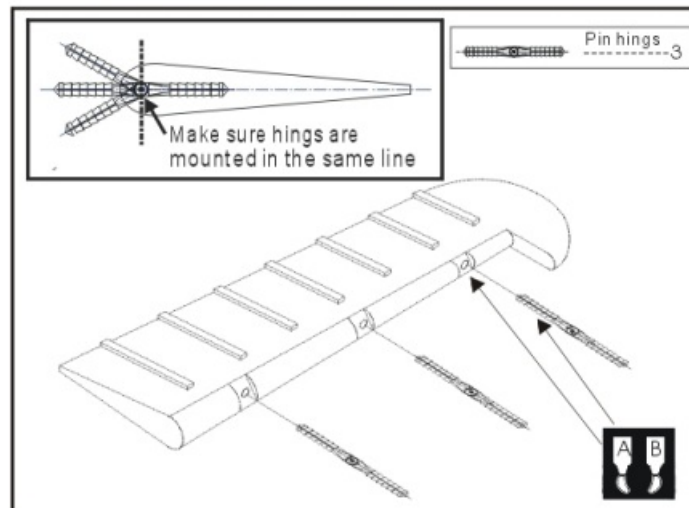
14 Assemble horizontal tail



12 Install the nylon control horn and connect the linkage



15 Epoxy pin hinges to rudder

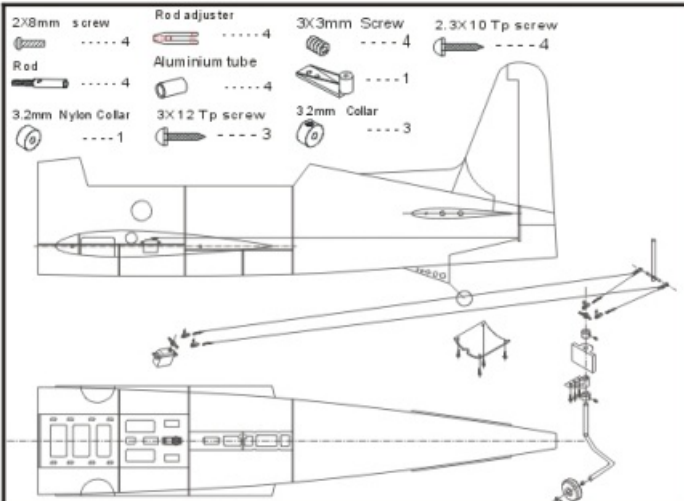




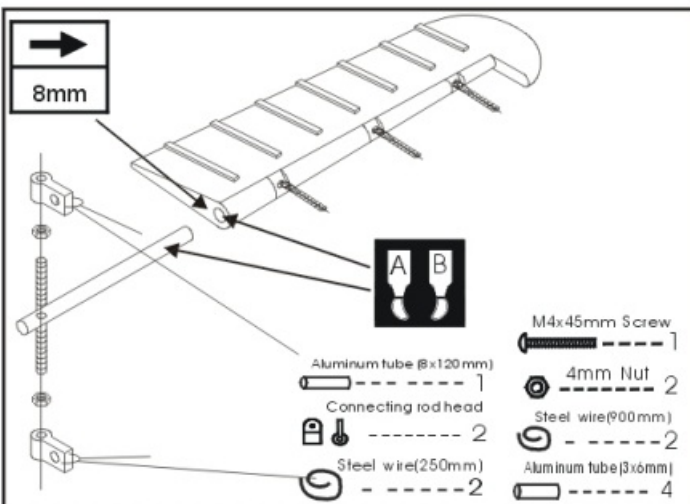
Accessory list for this page.

M4x45mm Screw	4mm Nut	3X12 Tp screw
Aluminum tube (8x120mm)	Steel wire(900mm)	3X3mm Screw
Connecting rod head	Aluminum tube (3x6mm)	3.2mm Collar
Steel wire(250mm)	2X8mm screw	2.3X10 Tp screw
Rod	Rod adjuster	M3X20mm Cap screw
3.2mm Nylon Collar	Aluminium tube	3mm Lock Nut
----- 1	----- 4	----- 12
----- 1	----- 2	----- 4
----- 2	----- 4	----- 1
----- 2	----- 4	----- 3
----- 4	----- 4	----- 4
----- 1	----- 4	----- 12
----- 1	----- 4	----- 12

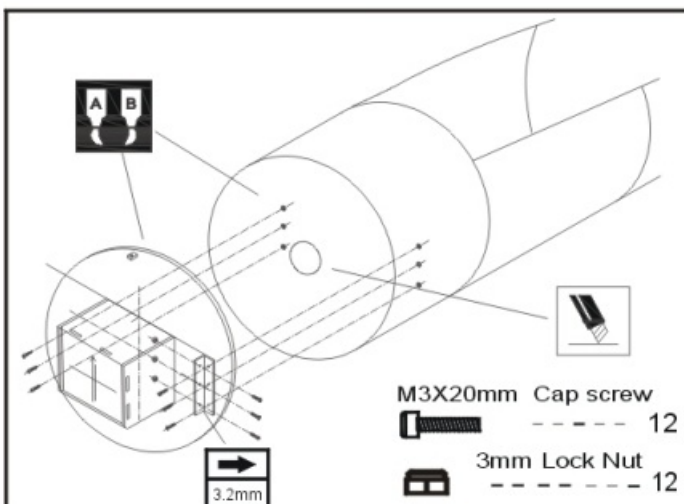
18 Install the landing gear



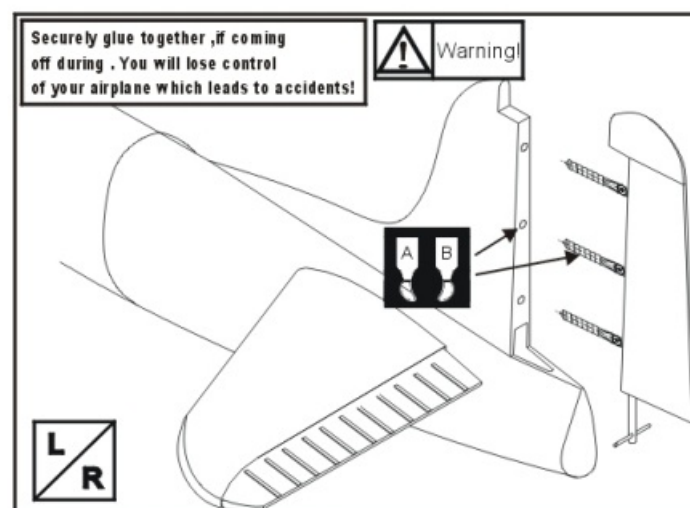
16 Rudder . Connect the linkage rod to the horn



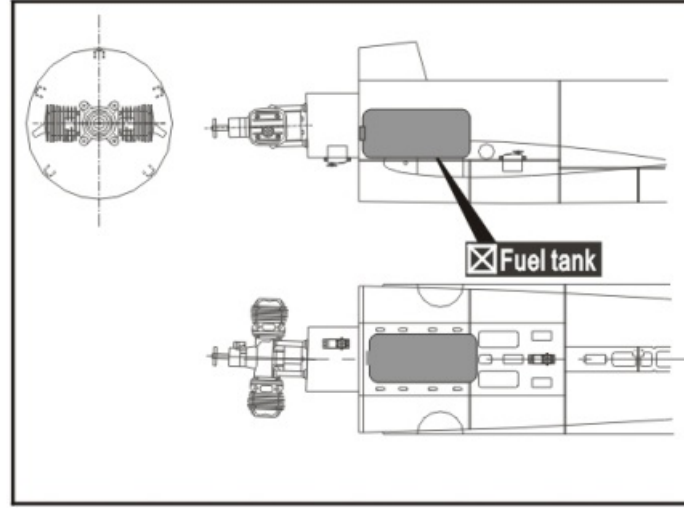
19 Engine Box Preparation



17 Epoxy rudder hinges steadily in position



20 Installation the engine





Accessory list for this page.

M3X15mm screw



----- 5

3mm Washer



----- 9

M3X20mm screw



----- 2

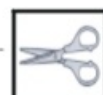
M3X25mm screw



----- 2

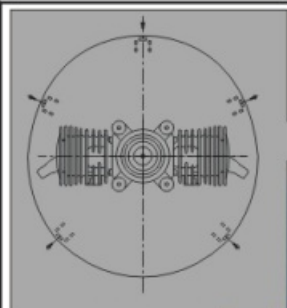
23

Install the adorning



21

Assemble the cowling



M3X15mm screw



----- 5

3mm Washer



----- 5



24

Mount canopy on the fuselage

M3X25mm screw



----- 2

3mm Washer

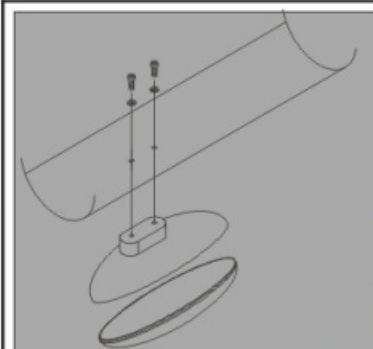


----- 2



22

Install the guided missile



M3X20mm screw

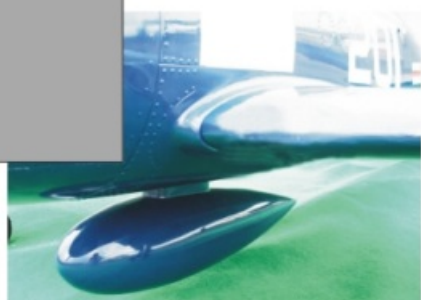


----- 2

3mm Washer



----- 2



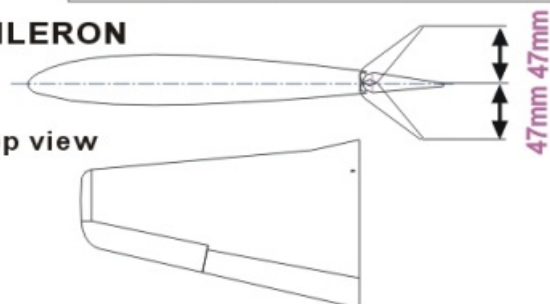
25

26 Adjustment.

Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

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Top view

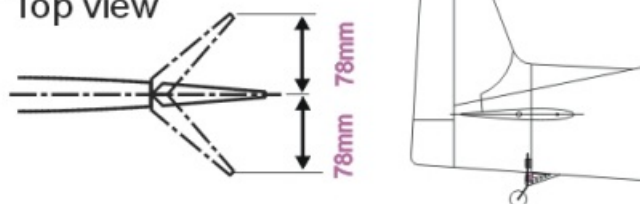


28 Adjustment.

Adjust the travel of each control surface to the values in the diagrams.
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Top view

Side view

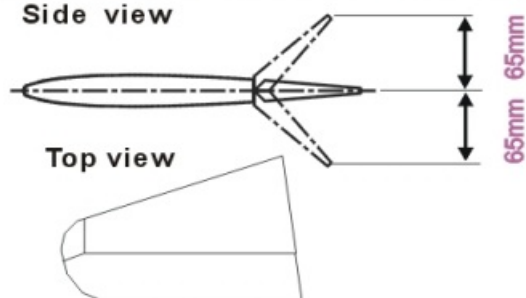


27 Adjustment.

Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

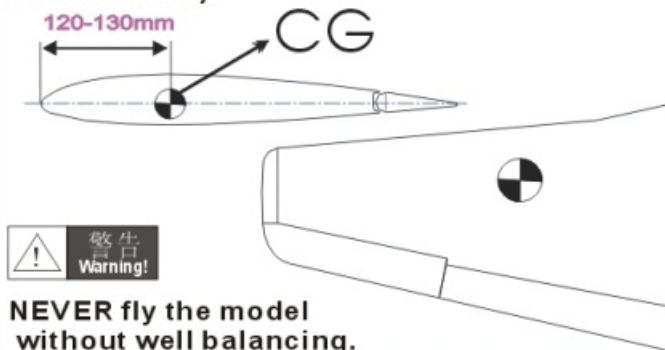
Side view

Top view



29 Centre of Gravity.

Never fly before checking the Cg's required position.
In order to obtain the CG specified, reposition the receiver and battery.



30 Spread a diagram