

Before commencing assembly, please read these instructions thoroughly.



Zero Fighter



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.
- Could cause serious injury or even death

SPECIFICATION

Wing Span: 2320 mm (91.3in)
Wing Area: 93.4 dm² (1448 sq.in)
Total Length: 2100 mm (82.7 in)
Engine :60-100cc gas engine
Radio : 8 channels ,9 servos

REQUIRED FOR OPERATION (Purchase separately)

- 1** A minimum 6channel radio for airplanes (with 8servos). And dry batteries.



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

A minimum 8 channel transmitter for airplanes.



12 AA-size Batteries

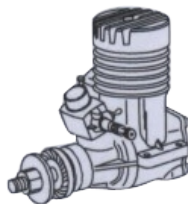


For handing the radio properly, refer to its instruction manual.

- 2** Engine and Muffler
Model Airplane engine
60cc gas engine



Muffler



Glow plug

- 3** Propeller splinner

Purchase a propeller that will match your engine



- 4** Silicone Tube Fuel Filter



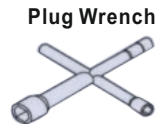
- 5** Required for engine starting Glow engine fuel only.



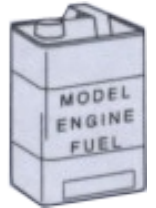
WARNING: Normal gasoline cannot be used with glow engines.



Fuel Pump



Plug Wrench



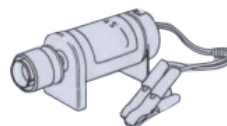
Epoxy Glue

- 6** Glue
Instant glue

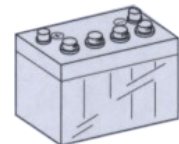


Instant glue

- 7** Other equipment for enhancing airplane operation & performance



Engine Starter



12V Battery (for starter)

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



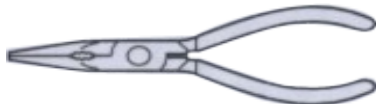
Phillips Screw Driver



Awl



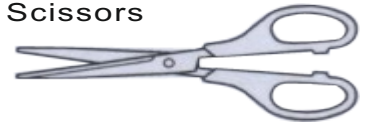
Needle Nose Pliers



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 dealer.
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.















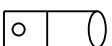
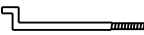





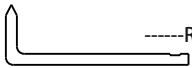




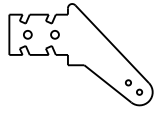















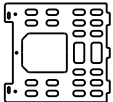
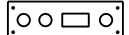
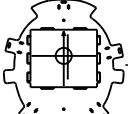
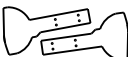



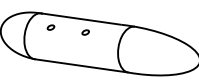
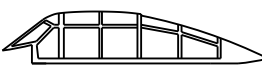

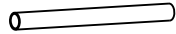
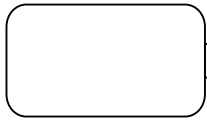


Cut off shaded portion.

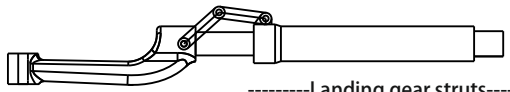

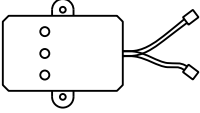
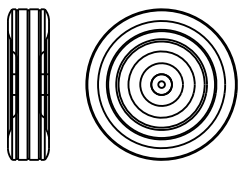
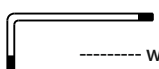





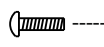
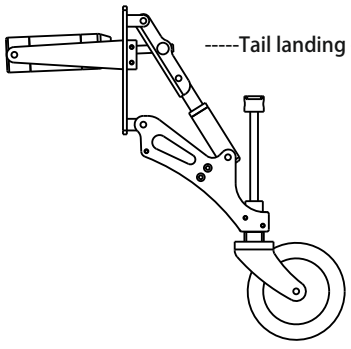
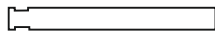





Cut off excess.

Accessories packing list

	-----2.6x12 Tp screw-----	34
	-----2.5x8mm Tp screw-----	10
	-----3x20mm Tp screw-----	2
	-----M3x12mm screw-----	2
	-----M3x12mm screw-----	2
	-----3x20mm screw-----	6
	-----M4x10mm screw-----	2
	-----M2x10mm screw-----	14
	-----M2 Nut-----	8
	-----Washer-----	10
	-----Linkage Stopper-----	1
	-----Angle iron frame-----	4
	-----Angle iron frame-----	8
	-----M4x20mm screw-----	8
	-----Scale exhaust tubes-----	7
	-----push rod 2x50mm-----	2
	-----push rod 2x100mm-----	1
	-----push rod 3x80mm-----	6
	-----steel wire 1800mm-----	2
	-----Aluminium tubes-----	2
	-----Copper joiner-----	4
	-----Rudder steering arm-----	1
	-----Double rocker-----	1
	-----M3x3mm screw-----	1
	-----pin hinges-----	8
	-----pivot & round hinges-----	17
	-----horn-----	12
	-----horn tray-----	6
	-----M3x16mm screw-----	6
	-----Clevis (A)-----	6
	-----Clevis (B)-----	6
	-----Copper ball (A)-----	6
	-----Copper ball (B)-----	6
	-----Locknut-----	12
	-----Locknut-----	6
	-----butterfly nut (M8)-----	4
	-----butterfly nut (M6)-----	2
	-----horn-----	2
	-----horn tray-----	2
	-----Retainer (M2)-----	2
	-----Retainer (M3)-----	4
	-----3mm Ply plate-----	6
	-----Ply plate (3mm)-----	1
	-----Ply plate (6mm)-----	1
	-----engine support-----	1
	-----gear door A-----	2
	-----gear door B-----	2
	-----Antenna-----	1
	-----Drop tank rack-----	1
	-----Drop tank-----	1
	-----Canopy-----	1
	-----Main wing tube (32x1110mm)-----	1
	-----stabilizer tube (12x485mm)-----	1
	-----Fuel tank (1000cc)-----	1

Optional parts (Electric landing gear)

	-----Landing gear struts-----	2
	-----Retracts strut-----	2
	-----circuit board-----	1
	-----Main wheels (4.5inch)-----	2
	-----wrench-----	1
	-----extension cords-----	3
	-----Alu Block (A)-----	2
	-----Alu Block (B)-----	2
	-----4x20 Tp screw-----	2
	-----M3x20 screw-----	4
	-----M3x8 screw-----	8
	-----Tail landing gear-----	1
	-----5mm Axle-----	2
	-----Metal ring-----	2
	-----M4x4mm screw-----	4
	-----M3x3mm screw-----	2



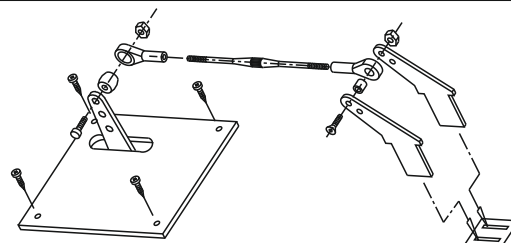
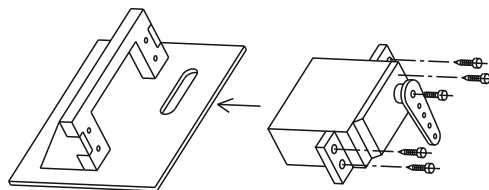
Accessory list for this page.

	3mm Lock nut	8
	3X16 Screw	8
	M3X80mm rod	4
	Rod adjuster	4
	Rod adjuster	4
	HORN	8
	2.6X12mm Tp Screw	16
	Hinge	8
	Hinge	6

3

Install the servo

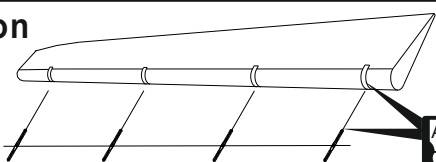
L/R



1

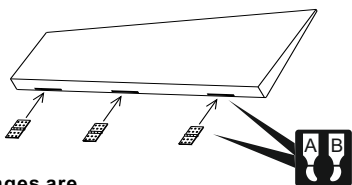
Install the aileron and flap

Aileron



L/R

Flap



Make sure hinges are mounted in the same line



Flap

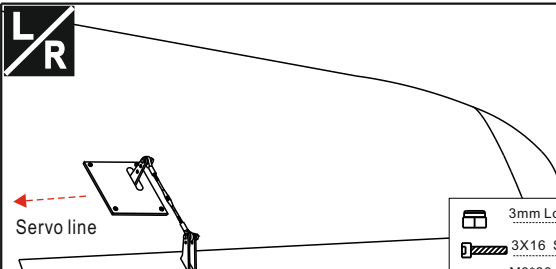
Hinge 8

Hinge 6

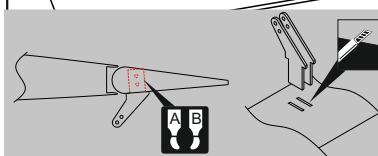
4

Install the servo of aileron

L/R



Servo line

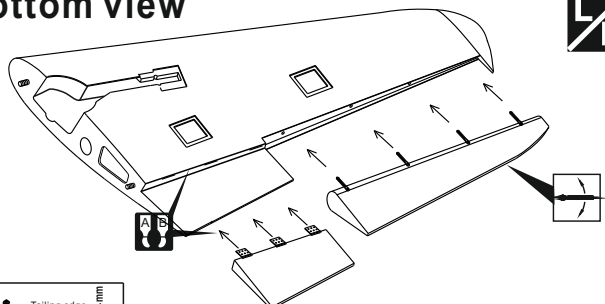


	3mm Lock nut	4
	3X16 Screw	4
	M3X80mm rod	2
	Rod adjuster	2
	Rod adjuster	2
	HORN	4
	2.6X12mm Tp Screw	8

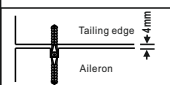
2

Install the aileron and flap

Bottom view



L/R



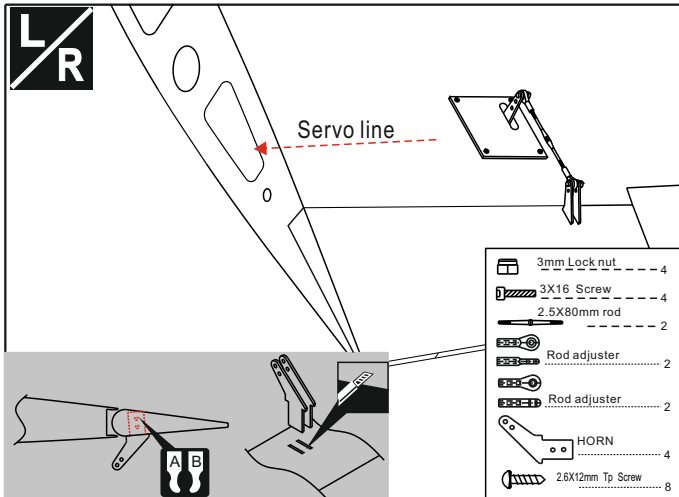
Warning!

Securely glue together. If coming off during flights, you'll lose control of your airplane which leads to accidents!

5

Install the servo of flap

L/R

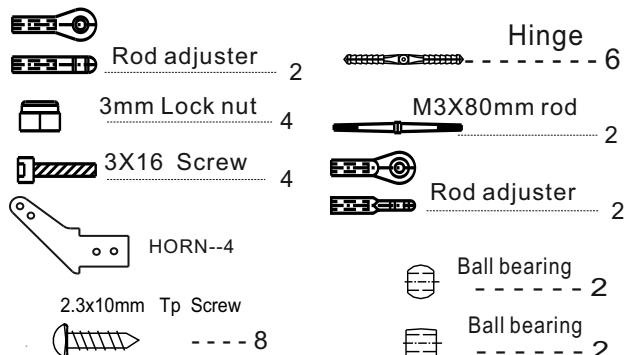


Servo line

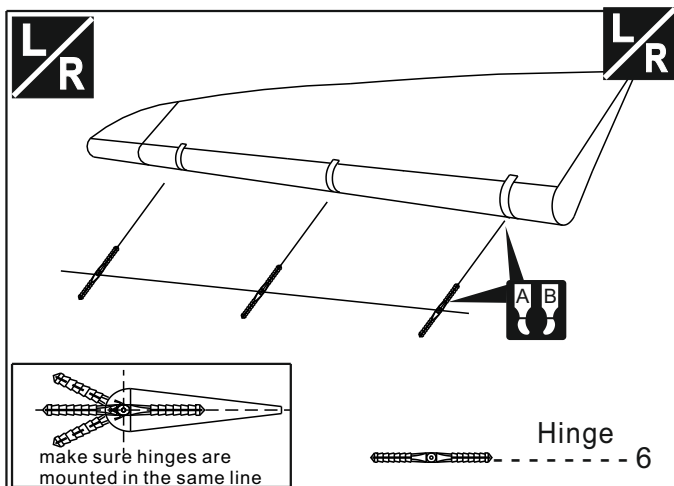
	3mm Lock nut	4
	3X16 Screw	4
	2.5X80mm rod	2
	Rod adjuster	2
	Rod adjuster	2
	HORN	4
	2.6X12mm Tp Screw	8



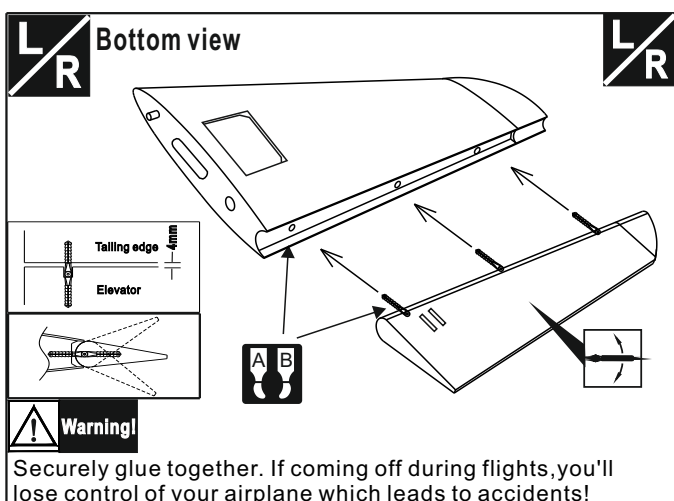
Accessory list for this page.



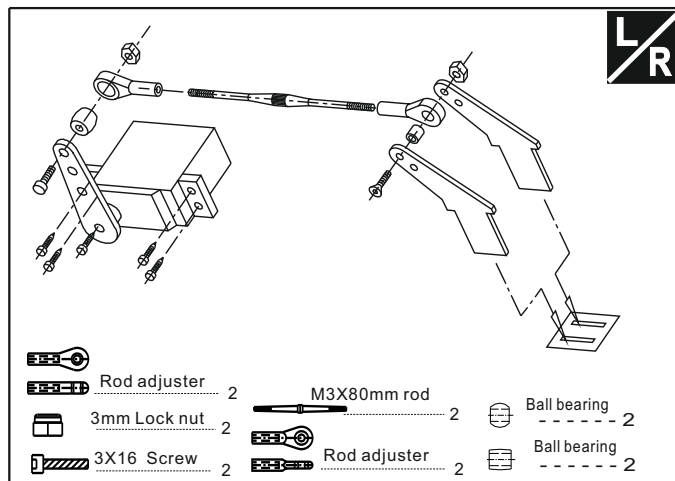
6 Install the elevator



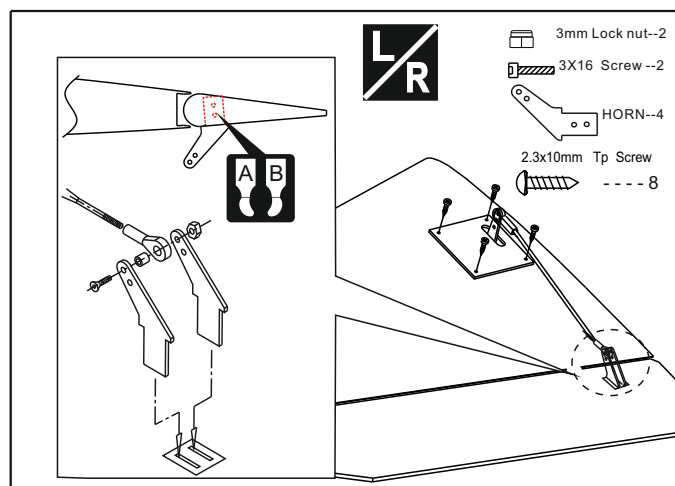
7 Install the elevator



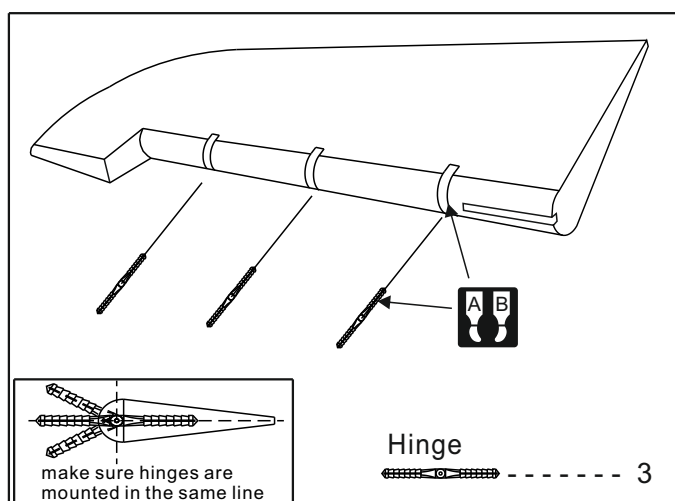
8 Install the elevator servos



9 Install the elevator servos

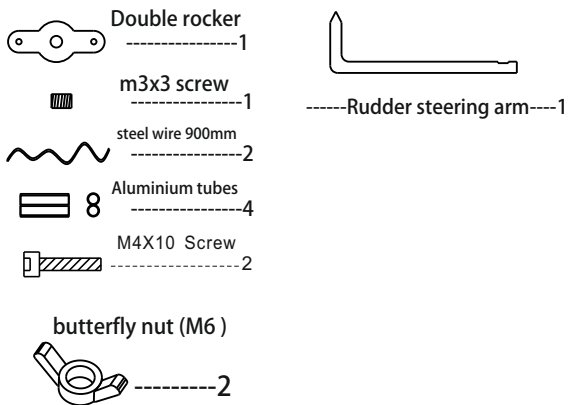


10 Install the rudder

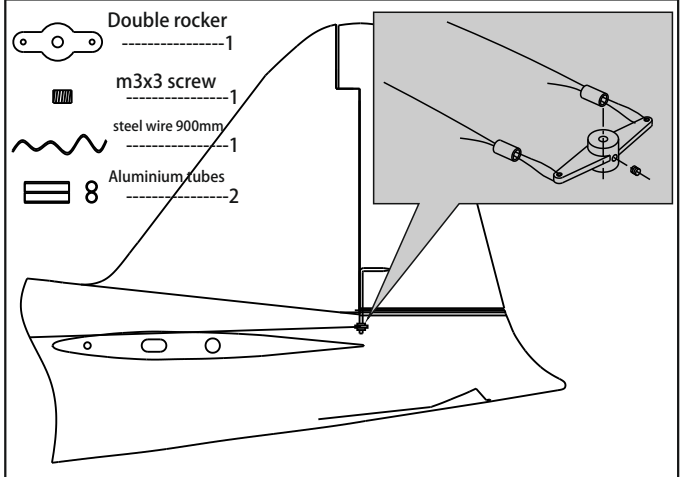




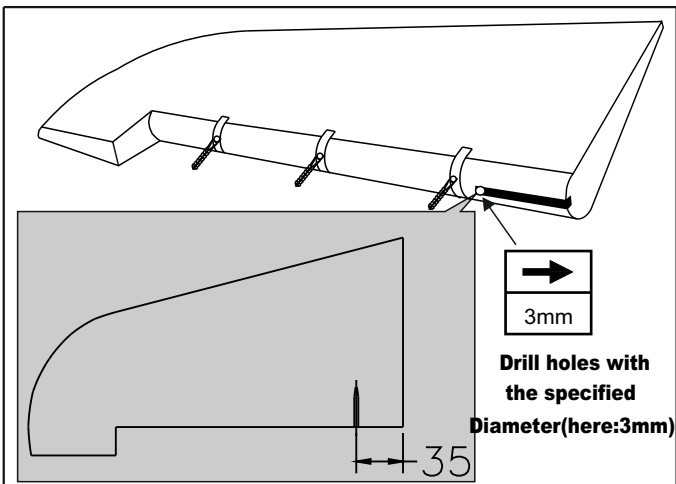
Accessory list for this page.



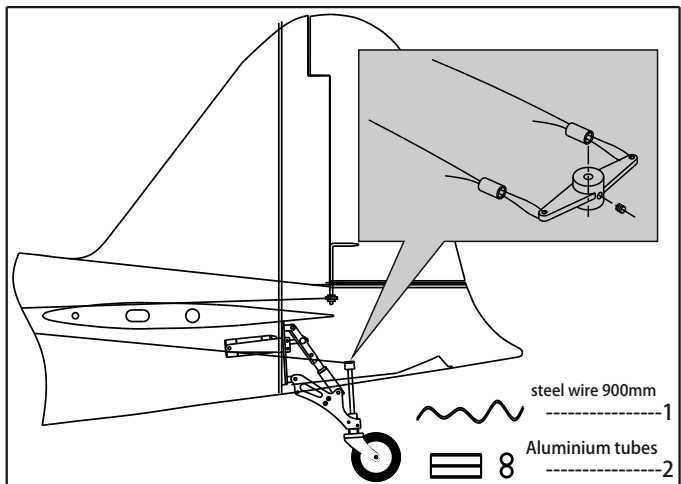
13 Install the rudder



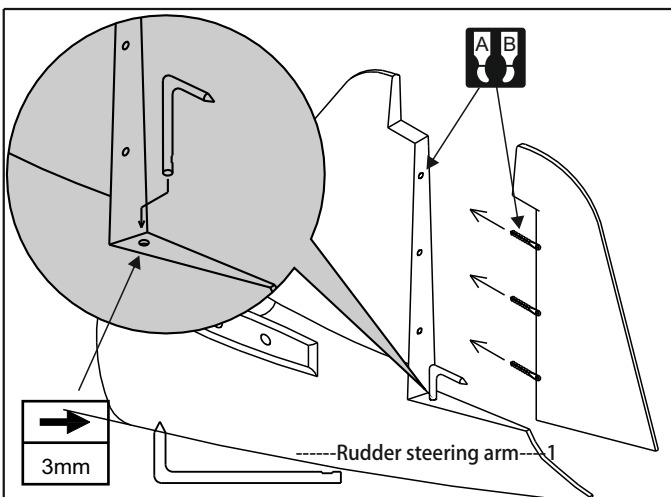
11 Install the rudder



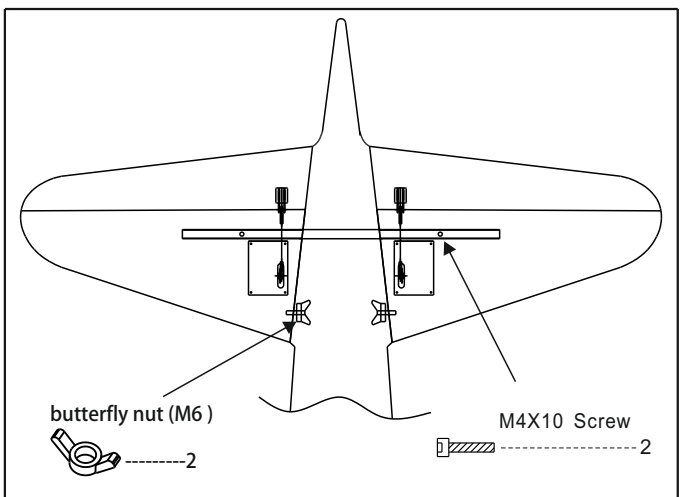
14 Install the tail wheel



12 Install the rudder

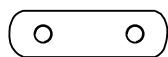


15 Install the stabilizer to the fuselage





Accessory list for this page.



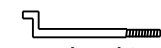
3mm Ply plate---6

3X10mm screw

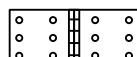
-----8



4x20 Tp screw---8



---push rod 2x50mm---2



pin hinges-----2



M2x10mm screw-----4



M2 nut-----4



horn-----2



horn tray-----2



--Retainer (M2) ---2



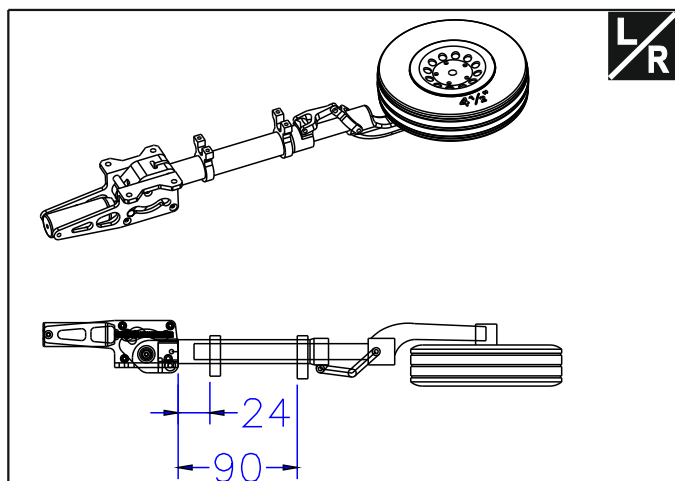
---M2x10mm screw---14

18 Install the main landing gear

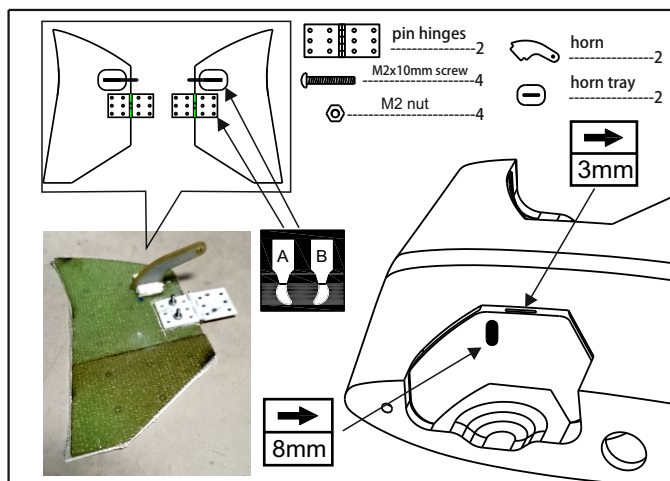


4x20 Tp screw---8

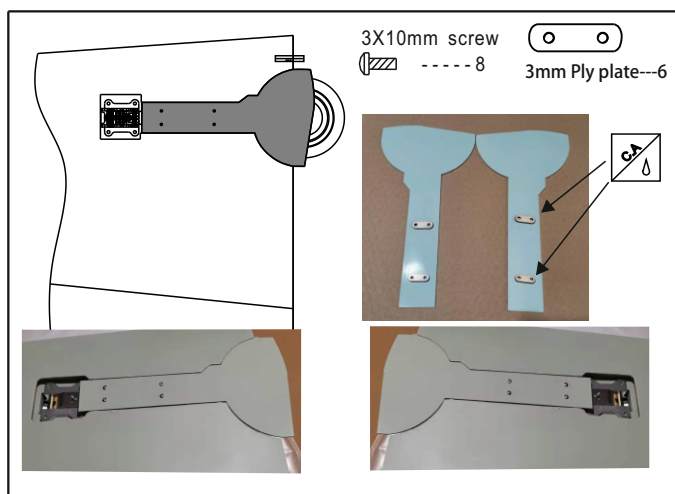
16 Install the main landing gear



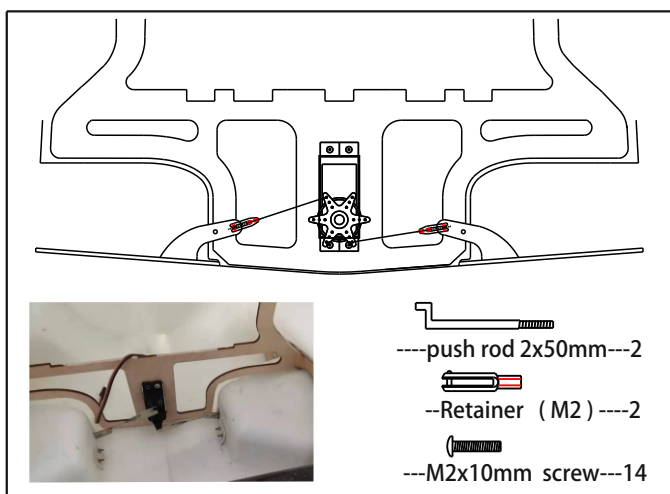
19 Install the main landing gear



17 Install the main landing gear



20 Install the main landing gear door





Accessory list for this page.

butterfly nut (M8) -----4

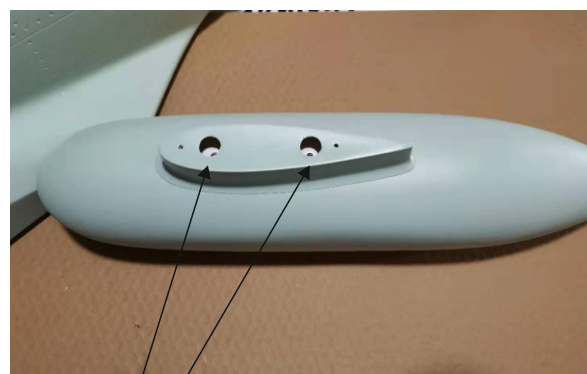
Drop tank -----1

Drop tank rack -----1

M3x12mm screw -----2

3x20mm Tp screw -----2

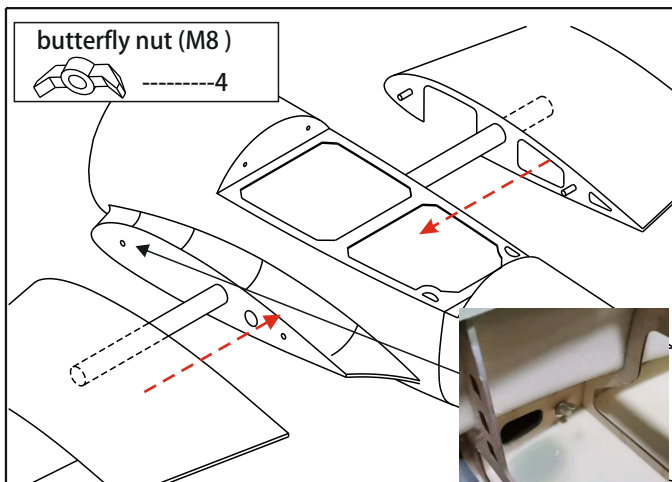
23 Installing the drop tank



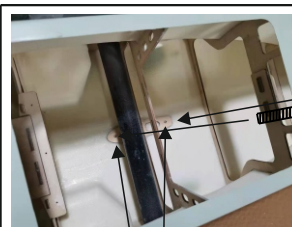
3x20mm Tp screw -----2 Drop tank rack -----1 Drop tank -----1

21 Main wing (Put the servo line into the fuselage)

butterfly nut (M8) -----4



24 Installing the drop tank to the fuselage

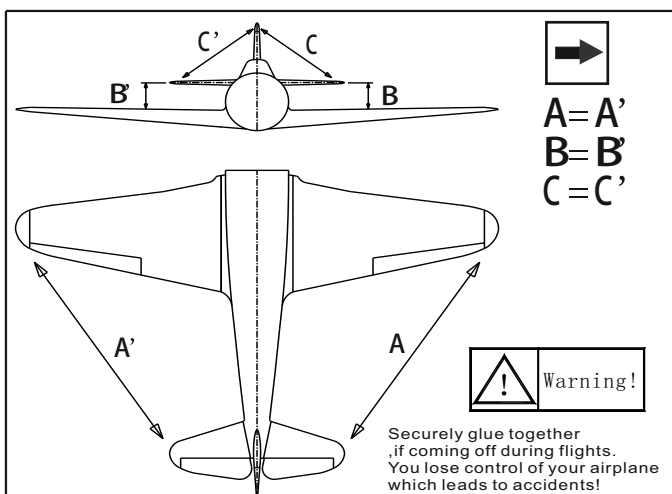


M3x12mm screw -----2

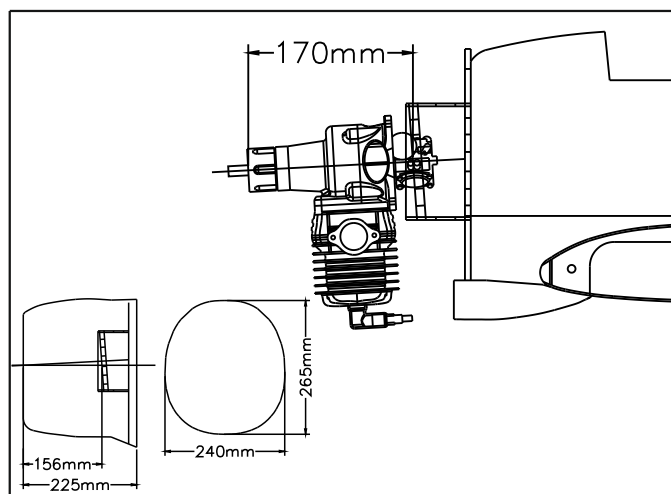
3mm



22 Main wing&Horizontal/Vertical tail



25 Installing the engine





Accessory list for this page.



---Scale exhaust tubes---7



---2.6x12 Tp screw---7



Angle iron frame-----4



Angle iron frame-----8



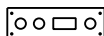
---M4x20mm screw-----8



---Ply plate (3mm)---1



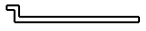
---2.6x12 Tp screw---3



---Ply plate (6mm)---1



---3x20mm screw---4



---push rod 2x100mm---1



Linkage Stopper---1



Aluminium tubes---2



M2x10mm screw---2



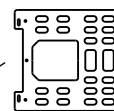
Copper joiner---2



Retainer (M3)-----2

28

Installing the ply plate



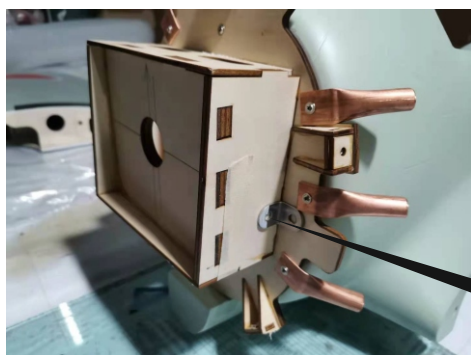
---Ply plate (3mm)---1



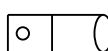
---2.6x12 Tp screw---3

26

Install the scale exhaust tubes



4mm



---Scale exhaust tubes---7



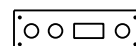
---2.6x12 Tp screw---7



Angle iron frame-----4

29

Installing the ply plate



---Ply plate (6mm)---1



---3x20mm screw---4

27

Install the scale exhaust tubes



4mm



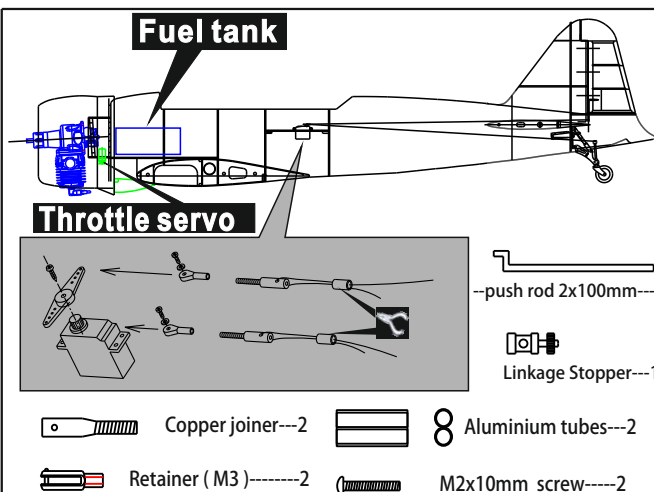
Angle iron frame-----8



---M4x20mm screw-----8

30

Assembly of the rudder servo



Fuel tank

Throttle servo

---push rod 2x100mm---1



Linkage Stopper---1



Copper joiner---2



Aluminium tubes---2



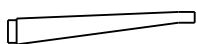
Retainer (M3)-----2



M2x10mm screw---2



Accessory list for this page.



Antenna-----1



3x20mm screw----6

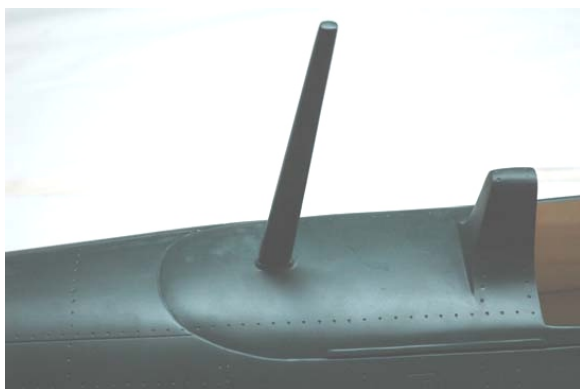


Washer -----6

33 Install the canopy



31 Install the canopy



 -----Antenna-----1

34 Install the canopy



32 Install the canopy



35 Install the cowling



-----3x20mm screw----6



-----Washer -----6



36 Adjustment.

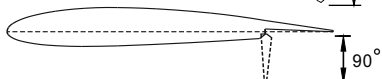
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

AILERON

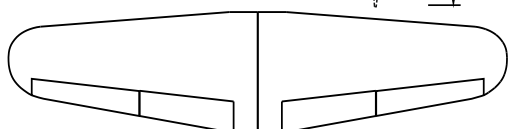
Side view



Flap



Top view

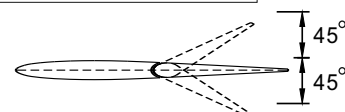


38 Adjustment

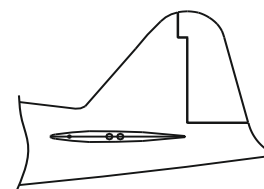
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

Rudder

Side view



Top view

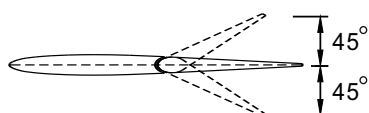


37 Adjustment.

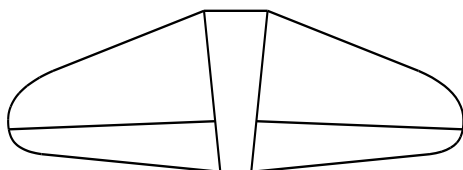
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

ELEVATOR

Side view

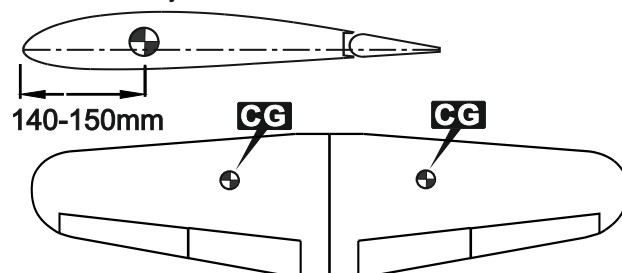


Top view



39 Adjustment.

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



警告
Warning!

NEVER fly the model
without well balancing.