

Before commencing assembly, please read these instructions thoroughly.

ALMOST - READY - TO - FLY



Super decathlon



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 childrens reach!

Take enough safety precautions prior to operating this model.

You are responsible for this models 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 : 2450 mm (96.5 in)

Wing Area : 92 dm² (1426sq.in)

Empty weight : 5.2 kg

Total Length : 1750 mm (68.8 in)

Engine : 35-80 cc gas engine

Radio : 5 channels ,6 servos

REQUIRED FOR OPERATION (Purchase separately)

- 1 A minimum 5 channel radio for airplanes (with 6 servos).
And dry batteries.

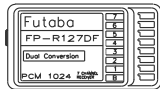


CAUTION: Only use a minimum 5 channel radio for airplanes! (No other radio may be used!)

A minimum 6 channel transmitter for airplanes.



12 AA-size Batteries



Receiver



remote control

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

- 2 Battery (need 2)
- Switch (need 2)



- 3 Servo(need 8 servos)



- 4 Engine and Muffler
Model Airplane engine: 35-80 cc gas engine



- 5 Glue



Epoxy Glue



Instant glue

- 6 required for engine starting



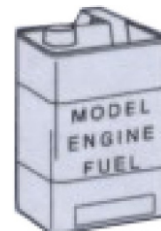
WARNING: Normal gasoline cannot be used with glow engines.



Fuel Pump



Plug Wrench



Glow engine fuel only.

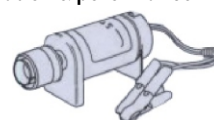
- 7 Silicone Tube
- Fuel Filter



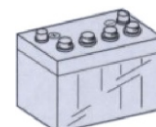
Fuel Filter



- 8 Other equipment for enhancing airplane operation & performance



Engine Starter



12V Battery (for starter)

- 9 Purchase a propeller that will match your engine



TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



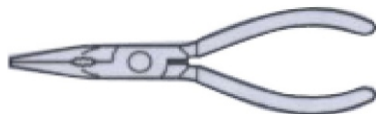
Phillips Screw Driver



Awl



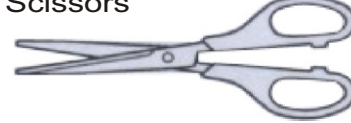
Needle Nose Pliers



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.






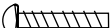




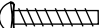

Cut off shaded portion.



Cut off excess.

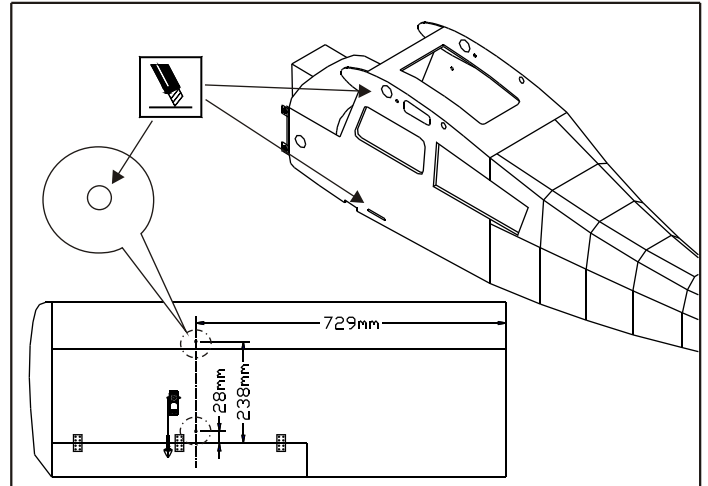


Accessory list for this page.

	Hinge	1.8X105mm Rod	
-----	6	 -----	2
	Horn	2X30mm Screw	
-----	2	 -----	6
	Connecting rod head	Rod adjuster	
-----	2	 -----	2
	3X16mm Screw	2X8mm Screw	
-----	2	 -----	2
3X16mm Screw		M4X20mm Screw	
 -----	8	 -----	2

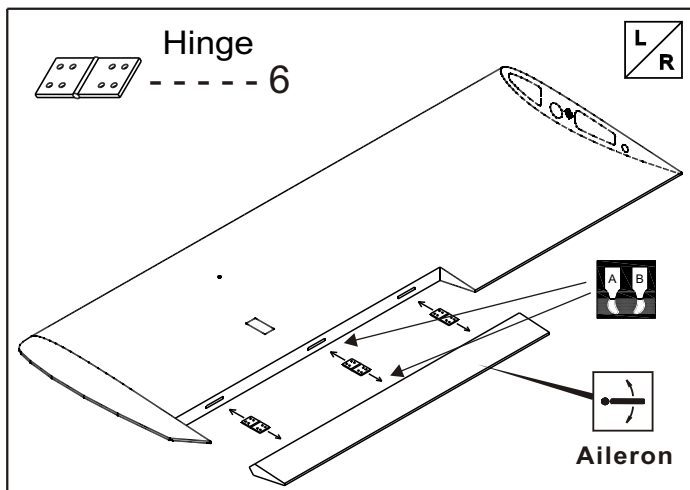
3

Install the wing



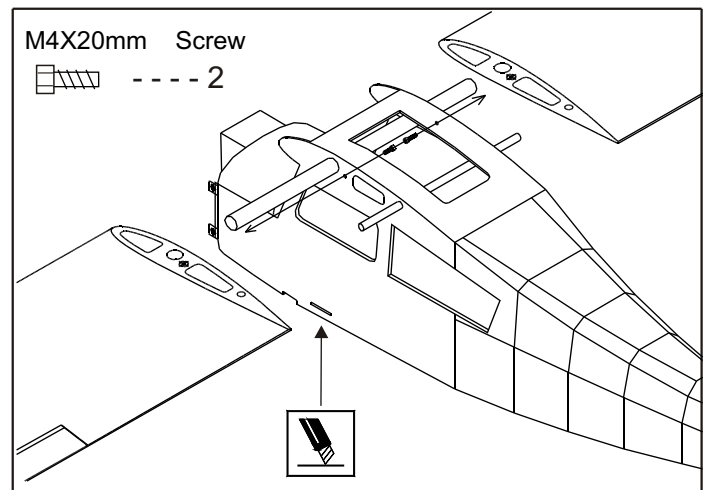
1

Install the aileron



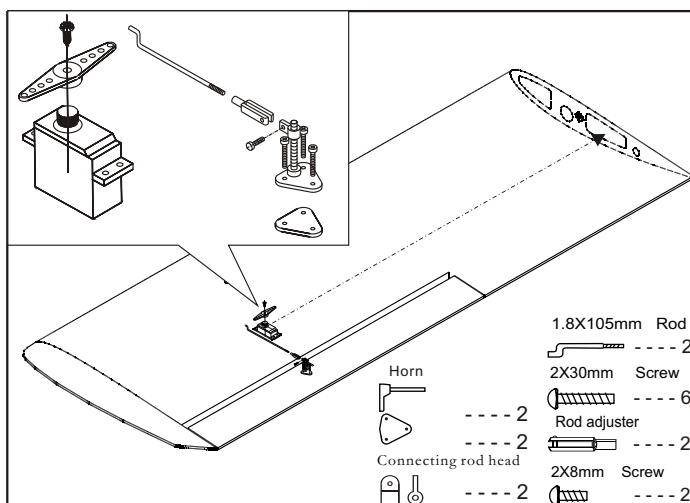
4

Assemble the wings to the fuselage with screw



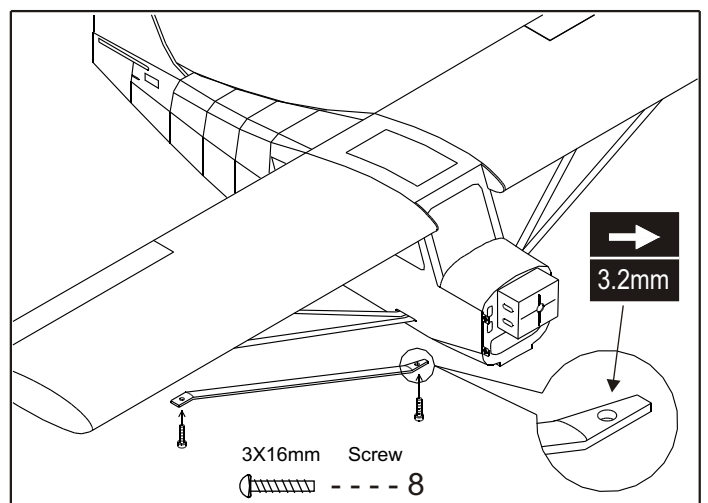
2

Install the aileron servo



5

Install the support





Accessory list for this page.

3X3mm Screw



---- 2

2.6mm Nylon Collar



---- 1

2.6mm Collar



---- 2

3X12 Tp screw

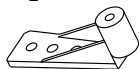


---- 3

2.6X12 Tp screw



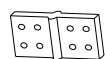
---- 1



---- 1



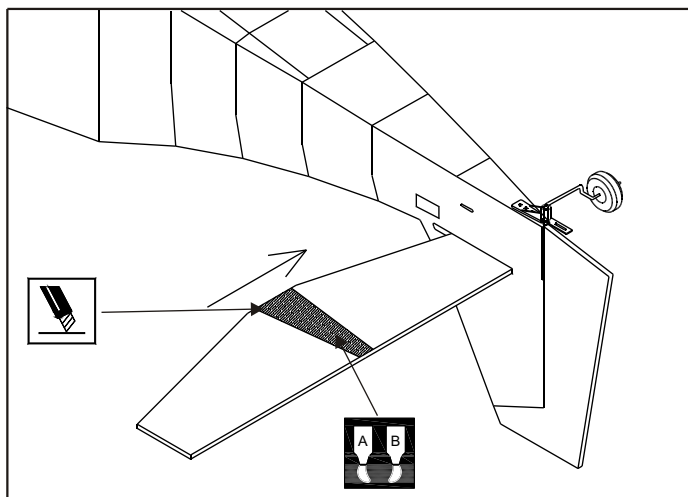
---- 1



Hinge
---- 3

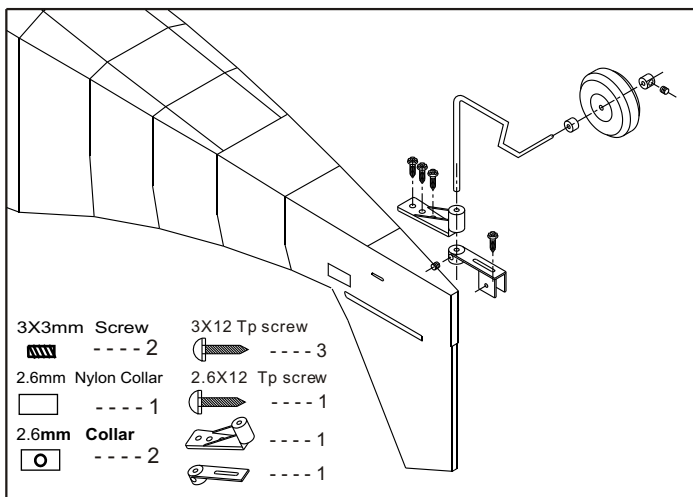
8

Horizontal tail



6

Install tail wheel

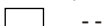


3X3mm Screw



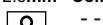
---- 2

2.6mm Nylon Collar



---- 1

2.6mm Collar



---- 2



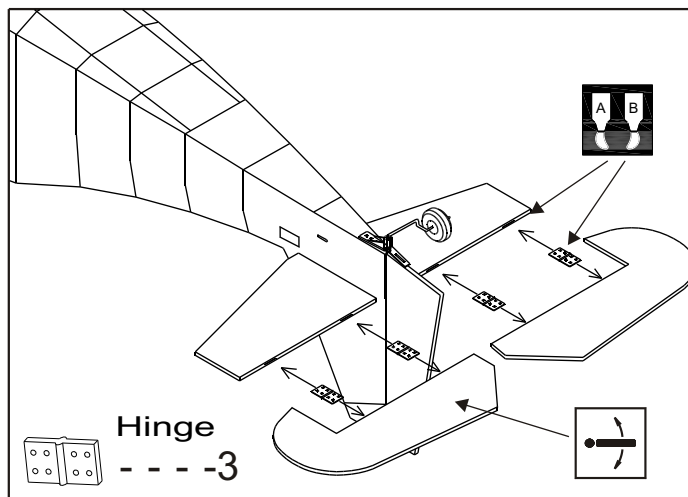
---- 1



---- 1

9

Install the elevator

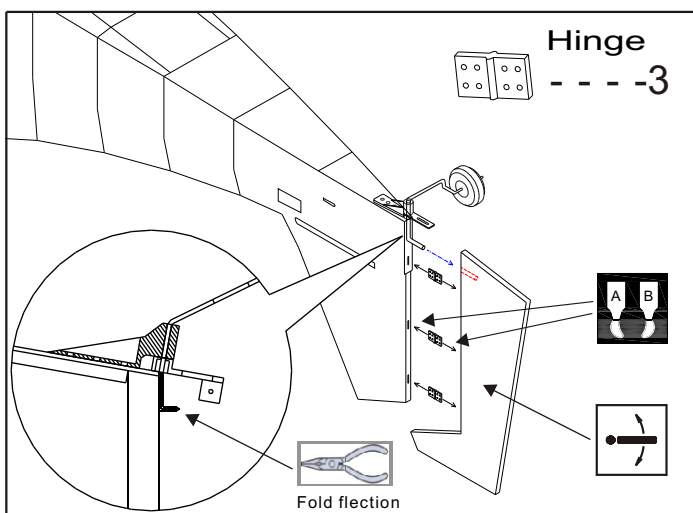


Hinge

---- 3

7

Install the rudder



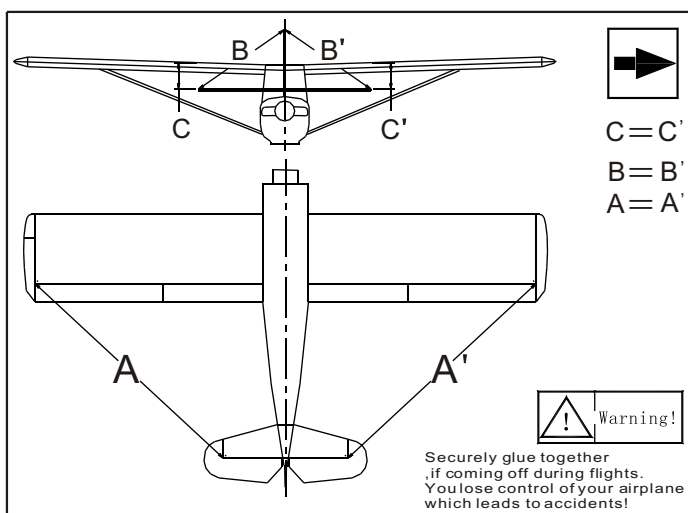
Hinge

---- 3

Fold flection

10

Horizontal /Vertical tail



C = C'

B = B'

A = A'



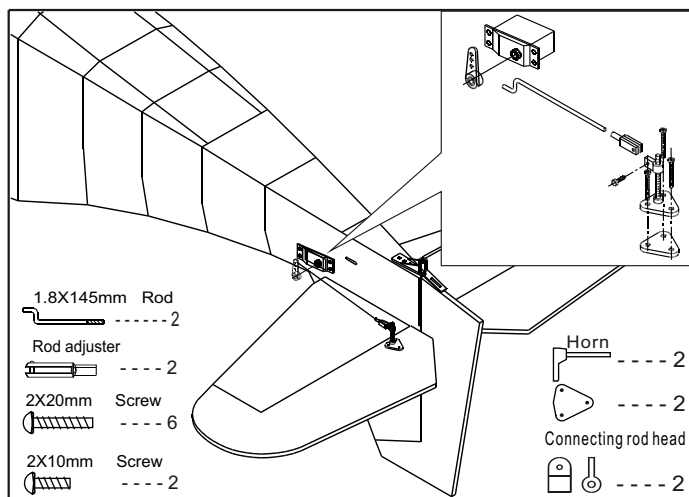
Warning!
Securely glue together
if coming off during flights.
You lose control of your airplane
which leads to accidents!



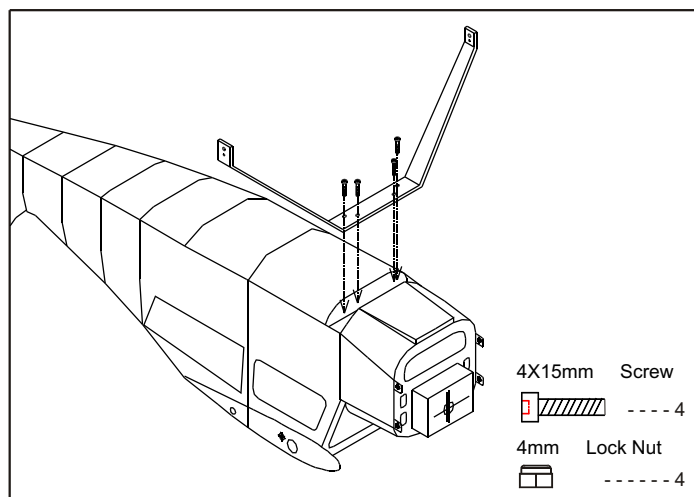
Accessory list for this page.

1.8X145mm Rod -----2	-----2	5X40mm Screw -----2
2mm Nut -----3	2X10mm Screw -----8	M5 Lock Nut -----2
2X20mm Screw -----9	1050mm steel wire -----2	M3X16mm Screw -----2
-----4	-----4	5mm Nut -----3
Connecting rod head -----4	4X15mm Screw -----4	5.2mm Nylon Collar -----2
Rod adjuster -----6	4mm Lock Nut -----4	

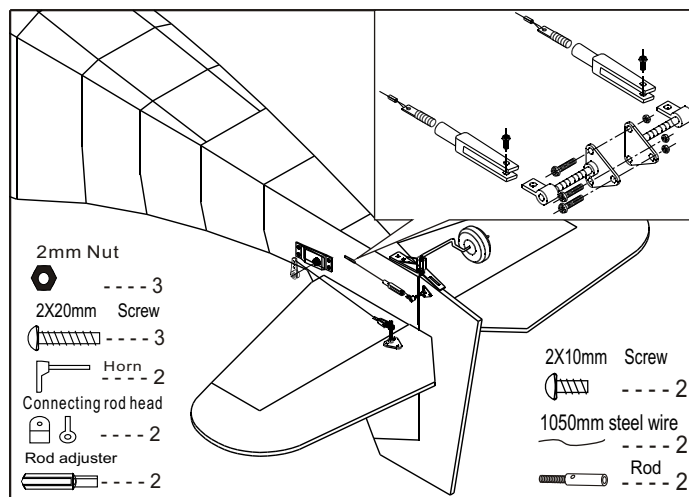
13 Install the elevator servo



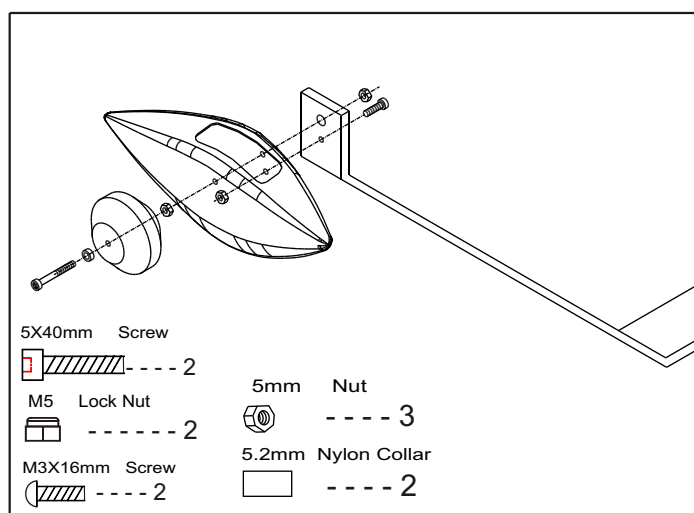
11 Instal the main landing gear



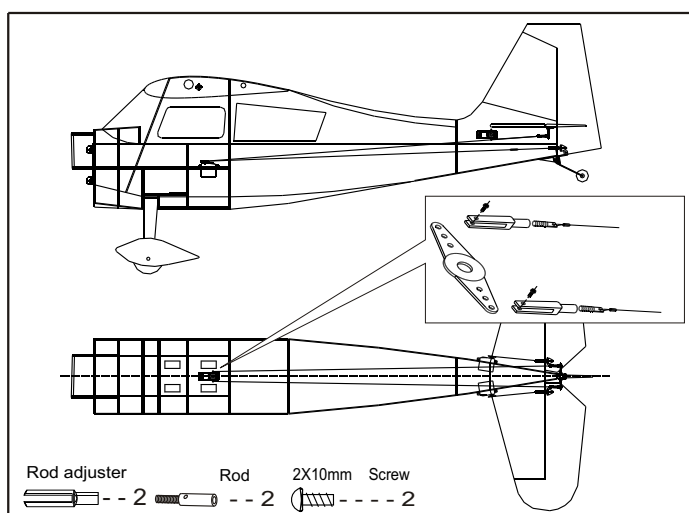
14 Install the rudder servo



12 Instal the main landing gear



15 Install the rudder servo





Accessory list for this page.

Linkage Stopper



----- 1

2mm Nut



----- 1

1.8X400mm Rod



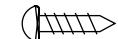
----- 1

M3X10mm Tp Screw



----- 4

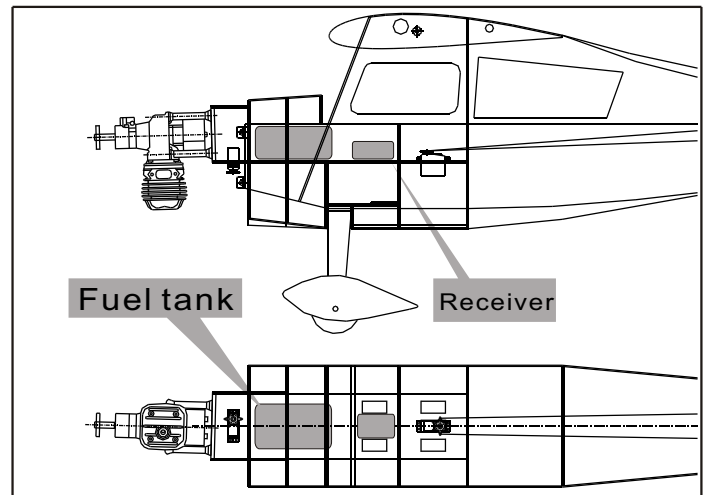
2.3X8mm Tp Screw



----- 4

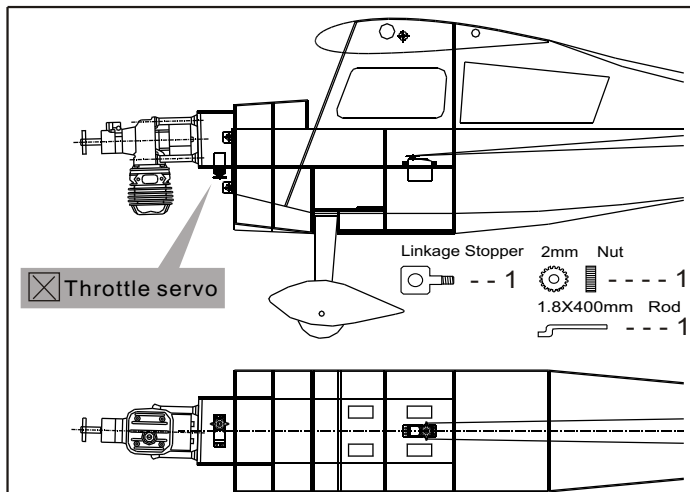
18

Epoxy the fuel tank in the fuselage



16

Install the engine



19

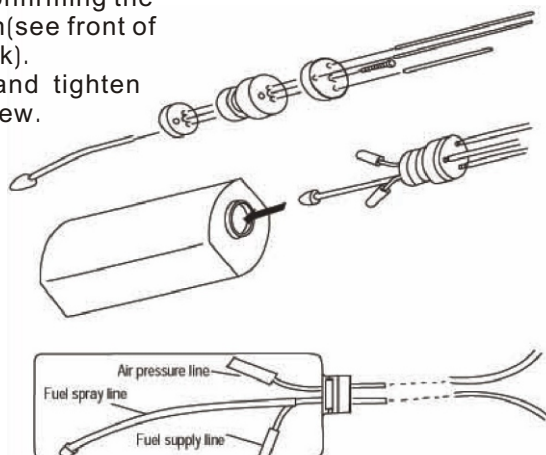
Install the cowling



17

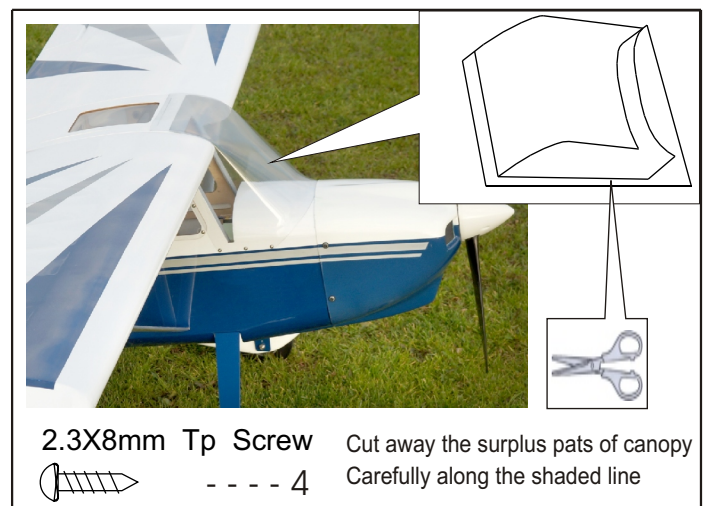
Assembly of the full tank

After confirming the position(see front of fuel tank). Insert and tighten the screw.



20

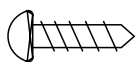
Install the front canopy





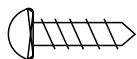
Accessory list for this page.

2.3X8mm Tp Screw



----- 36

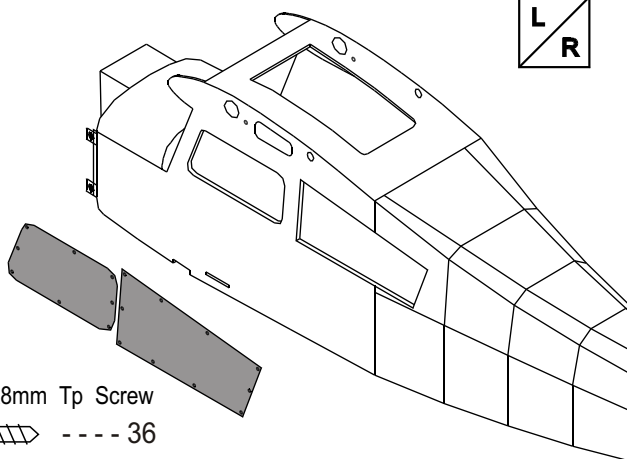
2.6X10mm Tp Screw



----- 2

21

Install the window



2.3X8mm Tp Screw



----- 36

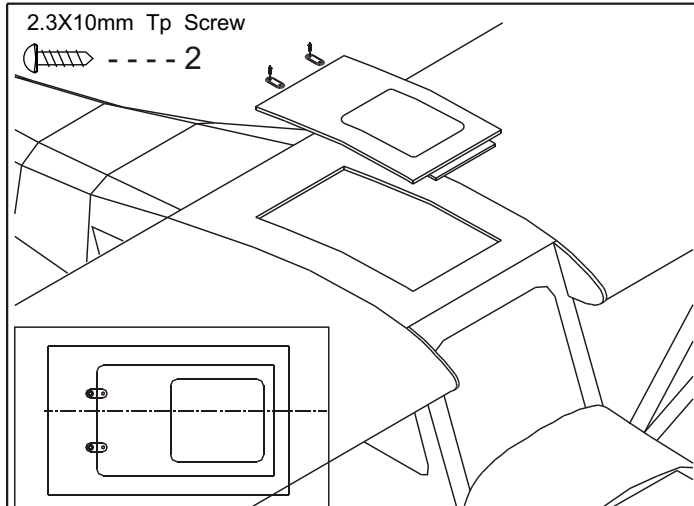
22

Install the cover

2.3X10mm Tp Screw



----- 2

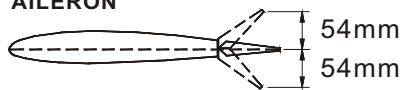


23 Adjustment.

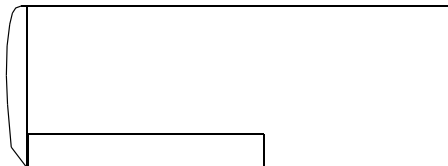
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

Side view

AILERON



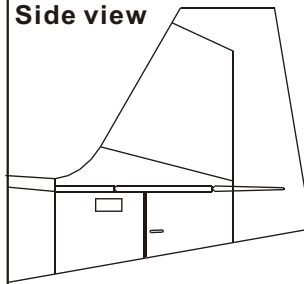
Top view



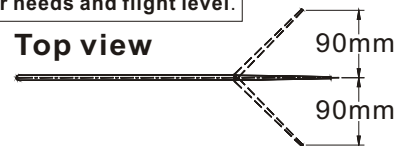
25 Adjustment

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



24 Adjustment.

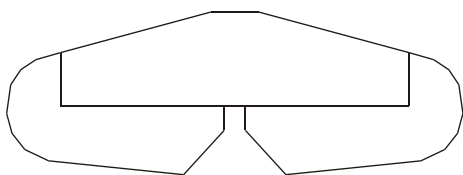
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

ELEVATOR

Side view

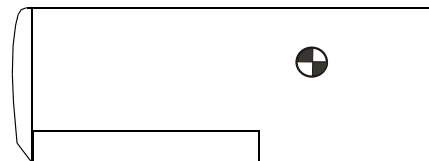
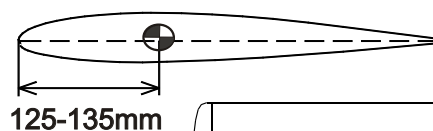


Top view



26 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.

