

Before commencing assembly, please read these instructions thoroughly.

ALMOST - READY - TO - FLY



Cessna 188



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: 3050mm (120in)
Wing Area: 114.8dm² (1780sq.in)
Total Length: 2100 mm (82.5 in)
Engine : 100cc gas engine
Radio : 5 channels , 8/9 servos

REQUIRED FOR OPERATION (Purchase separately)

- 1 A minimum 5channel radio for airplanes (with 8/9servos). And dry batteries.

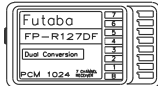


CAUTION: Only use a minimum 5channel radio for airplanes! (No other radio may be used!)

A minimum 5 channel transmitter for airplanes.



12 AA-size Batteries



receiver



remote control

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

- 2 Battery (need 2)



Switch (need 2)



- 3 Servo(need 8/9 servos)



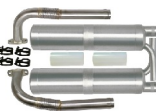
- 4 Engine and Muffler
Model Airplane engine:80-100cc gas engine



Muffler



Muffler



- 5 Glue



Epoxy Glue



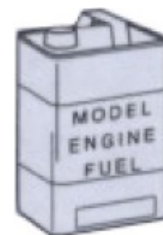
Instant glue

- 6 required for engine starting



WARNING: Normal gasoline cannot be used with glow engines.

Glow engine fuel only.



Fuel Pump



Plug Wrench

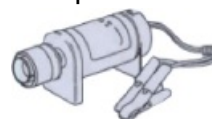
- 7 Silicone Tube



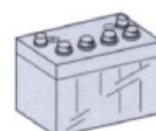
Fuel Filter



- 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



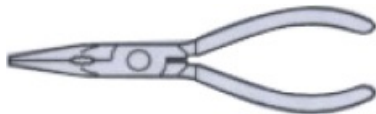
Phillips Screw Driver



Awl



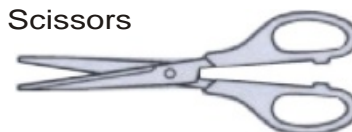
Needle Nose Pliers



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!



Apply instant glue (CA glue, super glue).



Ensure smooth non-binding movement while assembling.



Pay close attention here!



Assemble left and right Sides the same way.



Cut off shaded portion.



Cut off excess.



Warning!

Do not overlook this symbol.



Accessory list for this page.

2.3X10mm Tp screw

----- 16

3X35mm screw

----- 12

2X8mm screw

----- 8

2.5X85mm rod

----- 4

Hinge

----- 10

HORN ----- 4

----- 4

4X40 Screw

----- 4

Rod adjuster

----- 8

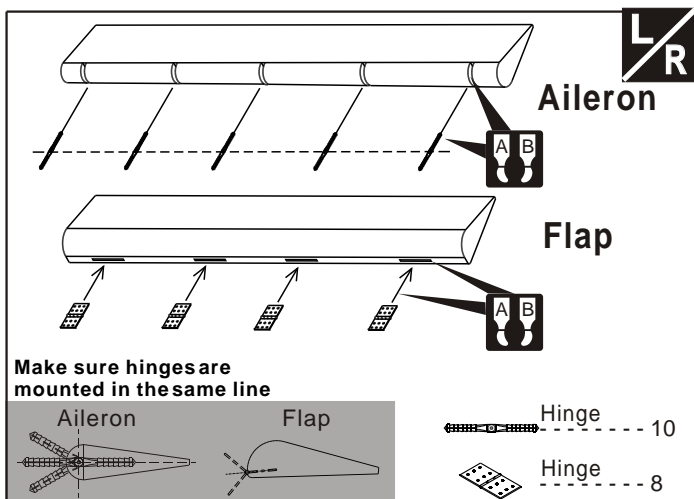
Connecting rod head

----- 4

Hinge

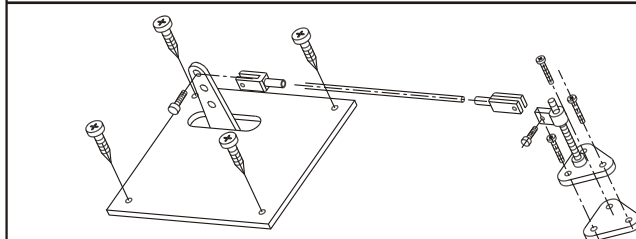
----- 8

1 Install the aileron and flap



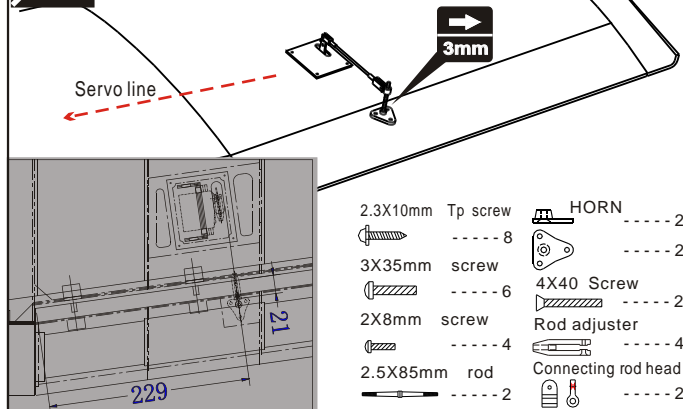
3 Install the servo

L/R

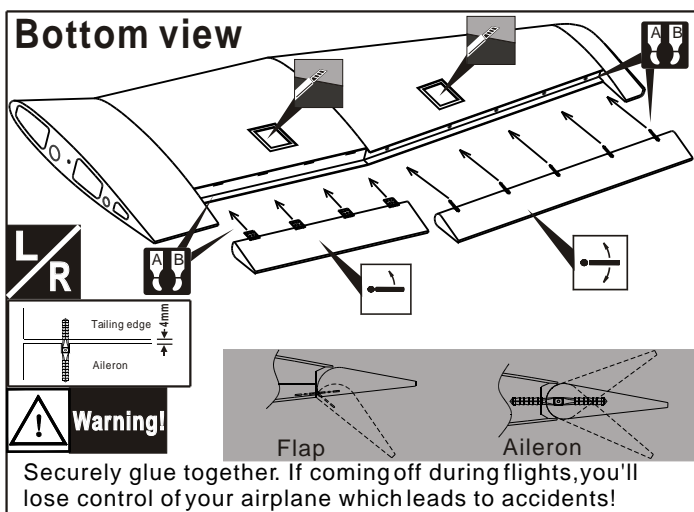


4 Install the servo of aileron

L/R

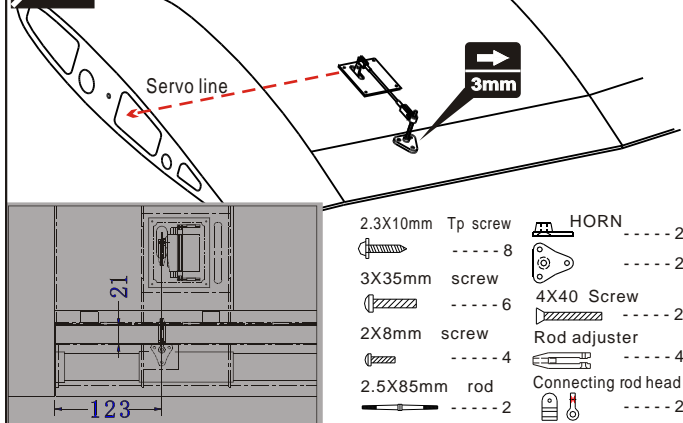


2 Install the aileron and flap



5 Install the servo of flap

L/R





Accessory list for this page.

2.3X10mm Tp screw

----- 8

3X30mm screw

----- 6

2X8mm screw

----- 4

2.5X85mm rod

----- 2

8X60 tube

----- 1

HORN ----- 2

----- 2

4X40 Screw

----- 2

Rod adjuster

----- 4

Connecting rod head

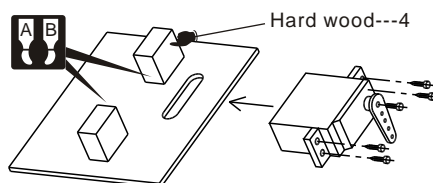
----- 2

Hinge

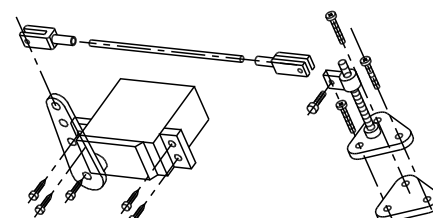
----- 12

8

Install the elevator servos



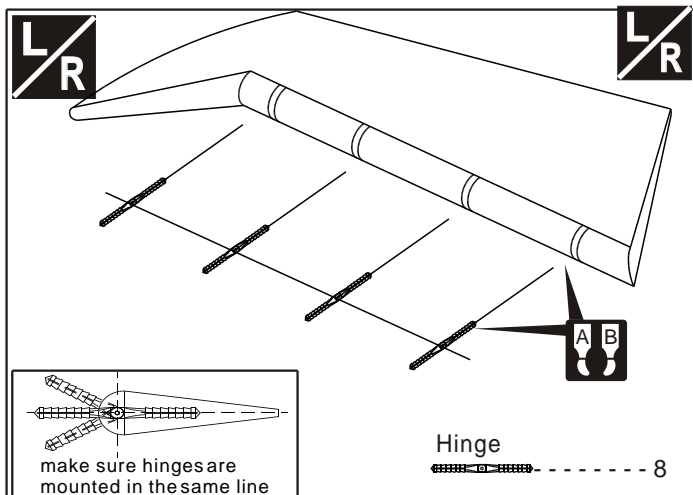
L/R



L/R

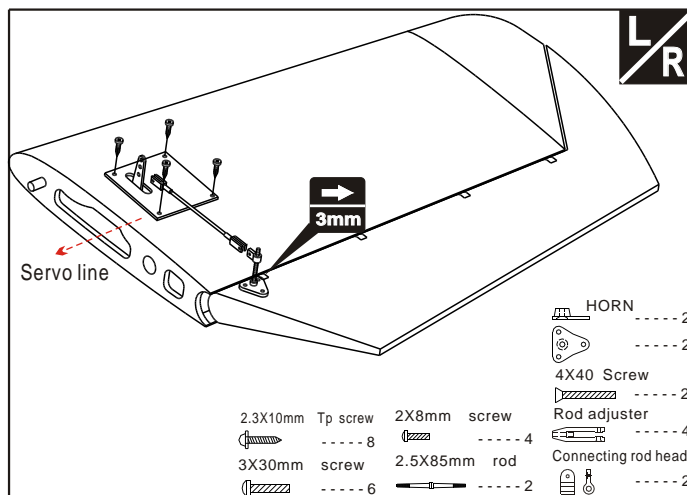
6

Install the elevator



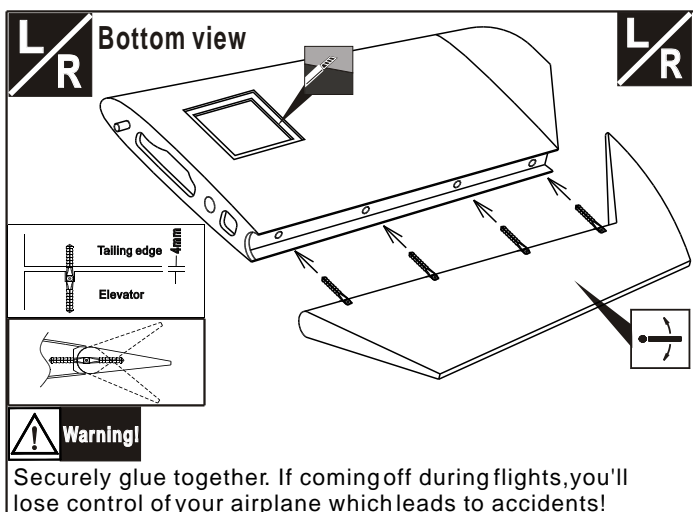
9

Install the elevator servos



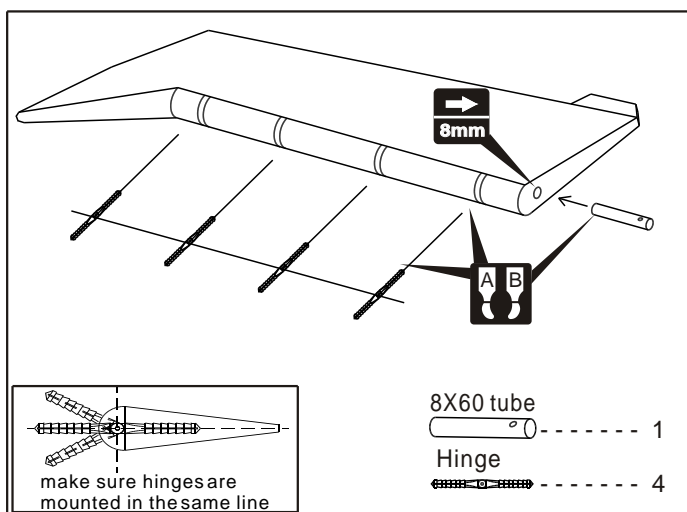
7

Install the elevator



10

Install the rudder

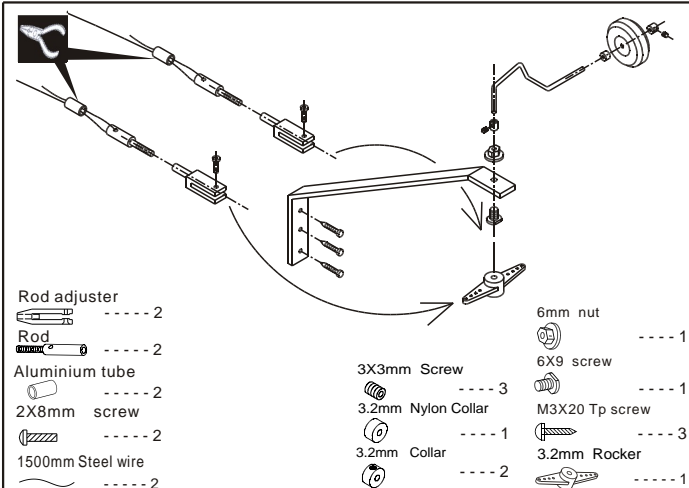




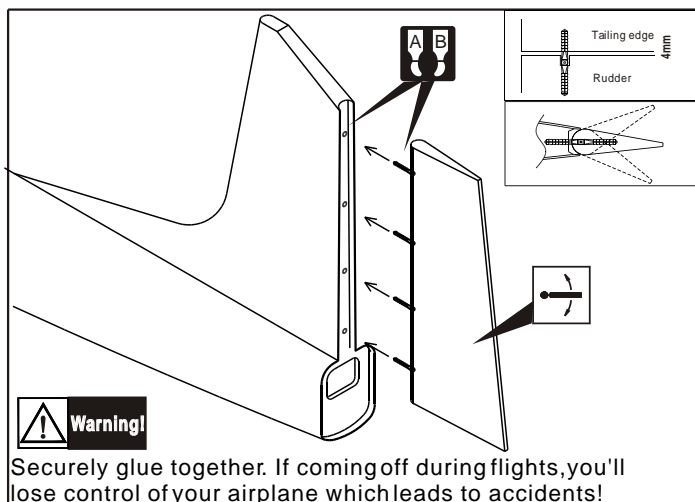
Accessory list for this page.

Rod adjuster	6mm nut
Connecting rod head	6X9 screw
Rod	M3X20 Tp screw
Aluminium tube	3.2mm Rocker
2X8mm screw	3X3mm Screw
4X40mm screw	3.2mm Nylon Collar
4mm nut	3.2mm Collar
1200mm Steel wire	2.3X10Tp screw
1500mm Steel wire	

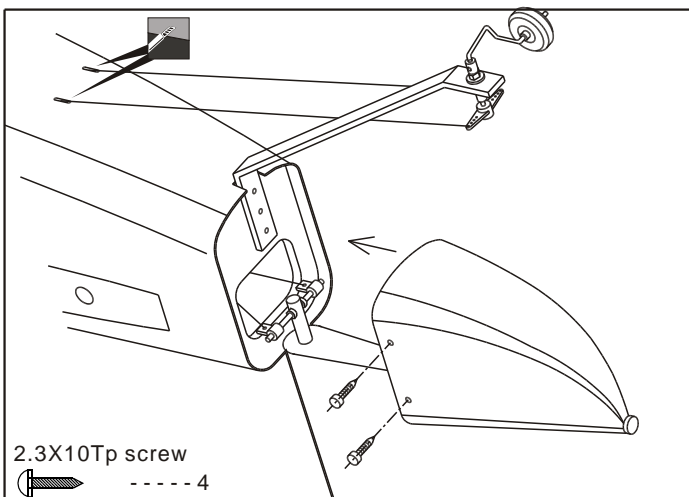
13 Install the tail wheel



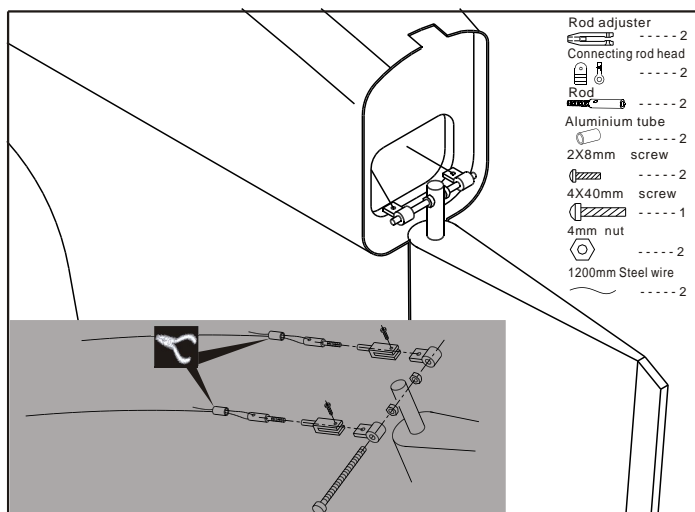
11 Install the rudder



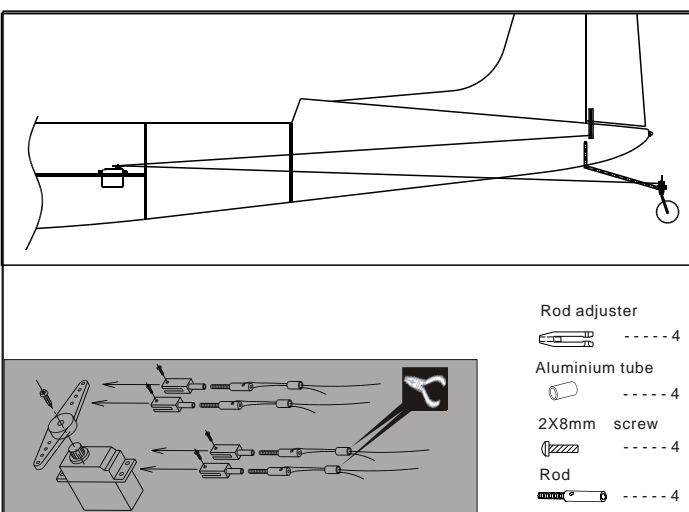
14 Install the tail wheel



12 Install the rudder servos



15 Install the servos of rudder & tail wheel





Accessory list for this page.

5X30mm screw

----- 4

5mm Bind nut

----- 4

5mm Washer

----- 10

5X50mm screw

----- 2

4X20mm screw

----- 2

4mm Washer

----- 2

5mm Lock nut

----- 4

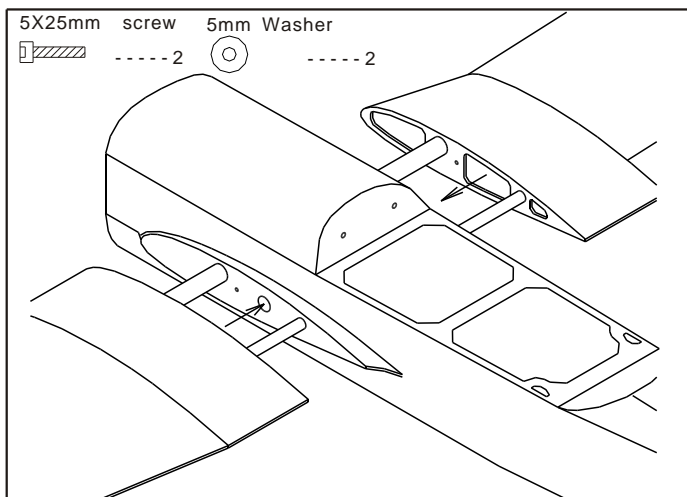
5X25mm screw

----- 2

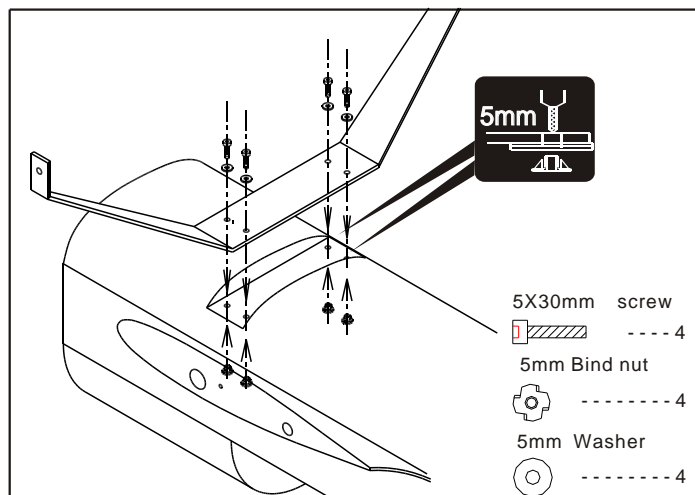
18 Main wing (Put the servo into the fuselage)

5X25mm screw 5mm Washer

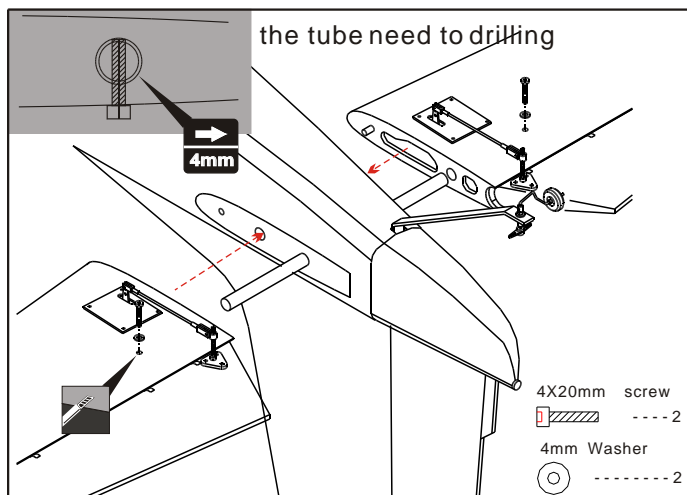
----- 2 ----- 2



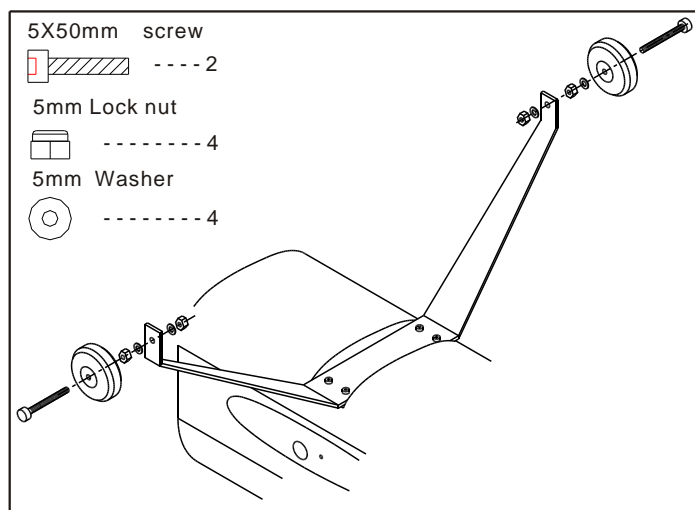
16 Install the main landing gear



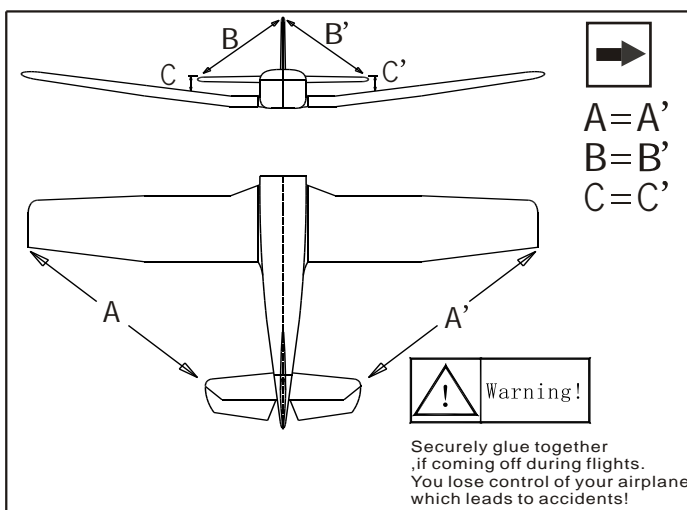
19 Horizontal (Put the servo into the fuselage)



17 Install the main landing gear



20 Main wing&Horizontal/Vertical tail





Accessory list for this page.

Linkage Stopper 1.8X200mm Rod



----- 1



----- 1

2mm Nut



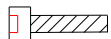
----- 1

3X3mm Screw



----- 1

3X14mm Screw



----- 5

3mm rubber band



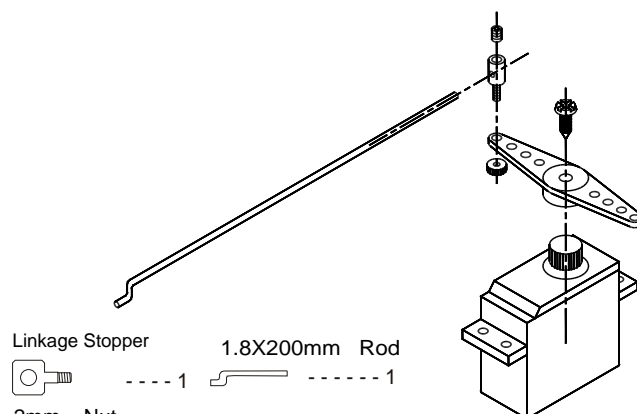
----- 5

3mm washer



----- 5

28 Install the throttle servo



Linkage Stopper



----- 1

1.8X200mm Rod



----- 1

2mm Nut



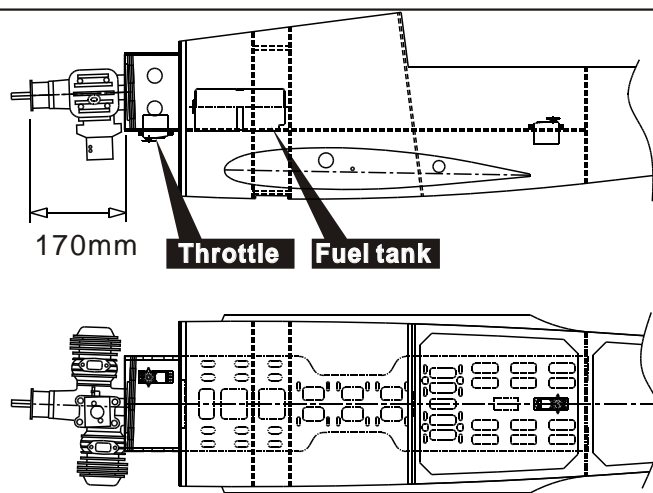
----- 1

3X3mm Screw

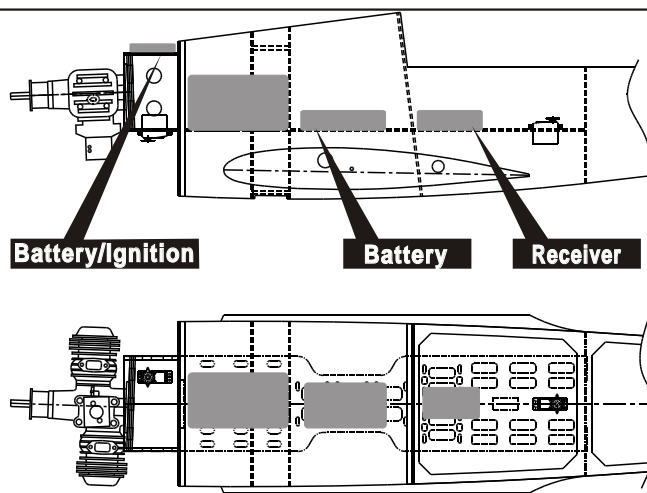


----- 1

26 Install the engine(100CC)

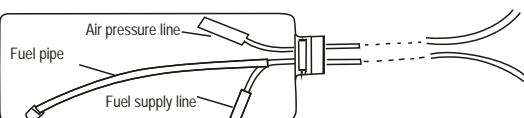
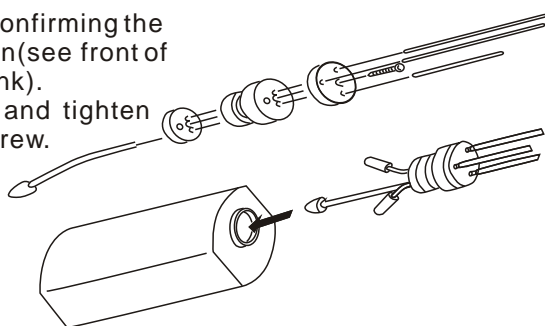


29 Radio Equipment

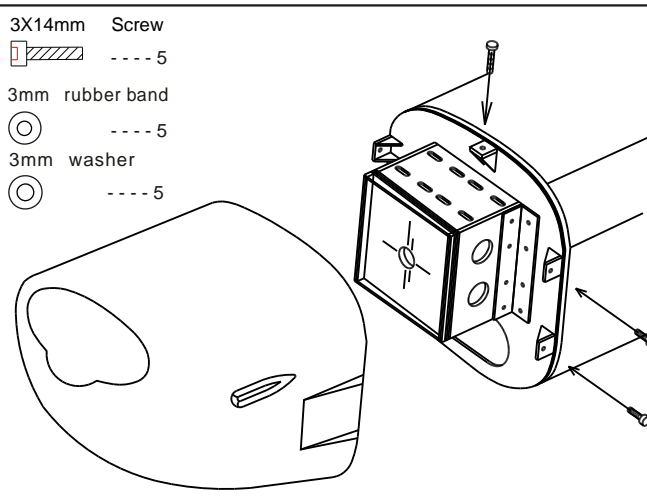


27 Assembly of the full tank

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



30 Install the thr cowl



3X14mm Screw



----- 5

3mm rubber band



----- 5

3mm washer

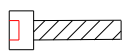


----- 5



Accessory list for this page.

3X25mm Screw 3mm rubber band



---- 2



---- 2

3mm washer



---- 2

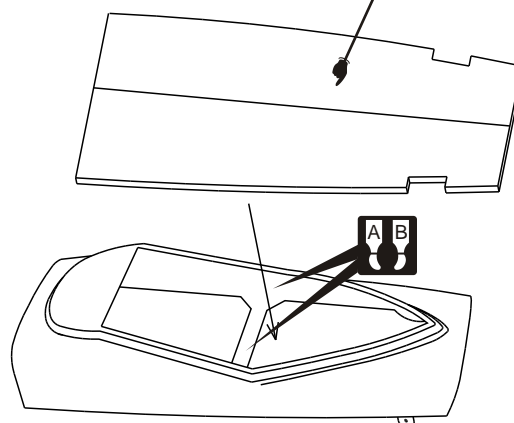
2.3X10Tp screw



----- 6

33 Install the canopy

foam plate installing



31 Install the cowling

☒ Propeller

☒ Spinner



34 Install the canopy



3X25mm Screw 3mm rubber band 3mm washer 2.3X10Tp screw



---- 2



---- 2

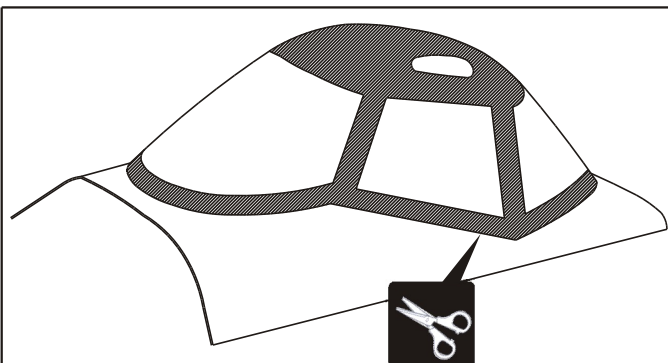


---- 2



----- 6

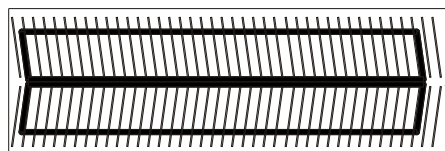
32 Install the canopy



Cut away the surplus parts of canopy, carefully along the shaded line.

35 After cut these plastic, Installing in the plane

Aileron
(Need 2)



Rudder
(Need 1)



Elevator
(Need 2)

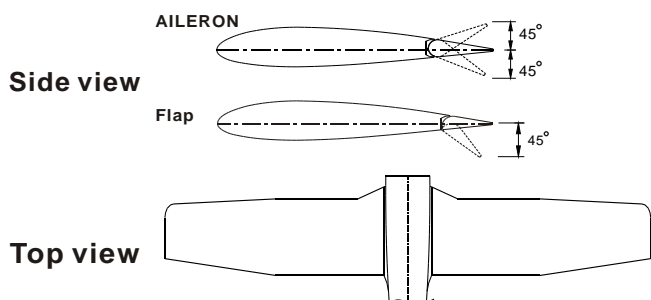


Flap
(Need 2)



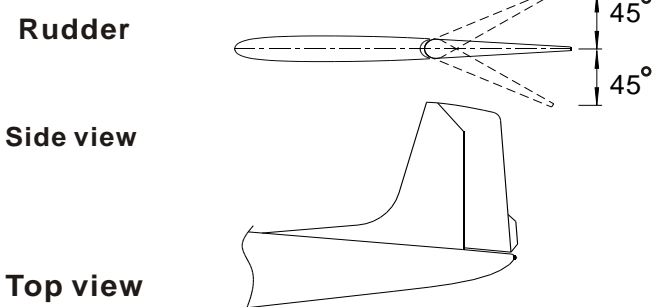
36 Adjustment.

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.



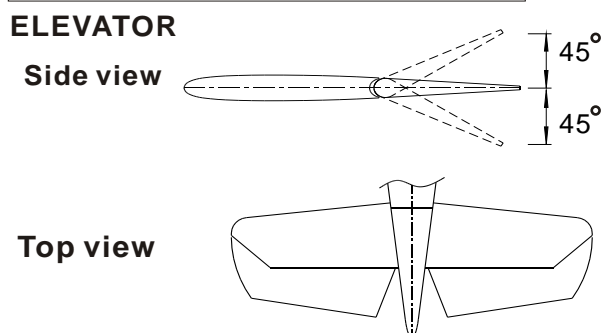
38 Adjustment

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.



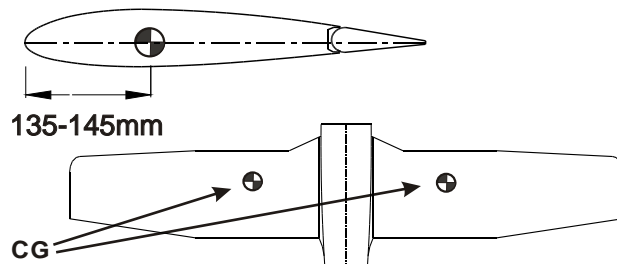
37 Adjustment.

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.



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.**