

Before commencing assembly, please read these instructions thoroughly.



Fairchild



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 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: 2200 mm (86.6 in)
Wing Area: 62.9 dm² (975 sq.in)
Total Length: 1480 mm (58.2 in)
Engine : 2c 1.20 cu.in
26-35cc gas engine
Radio : 5 channels , 6 servos

REQUIRED FOR OPERATION (Purchase separately)

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



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

A minimum 5 channel transmitter for airplanes.



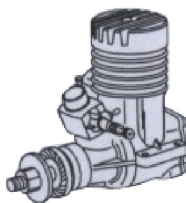
12 AA-size Batteries



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

- 2 Engine and Muffler
Model Airplane engine
2c 1.20 cu.in
26-35cc gas engine

Muffler



Glow plug

Purchase a propeller that will match your engine



- 3 Propeller spinner

- 4 Silicone Tube Fuel Filter

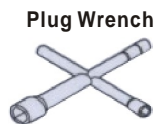
- 5 required for engine starting Glow engine fuel only.



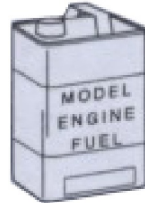
WARNING: Normal gasoline cannot be used with glow engines.



Fuel Pump



Plug Wrench



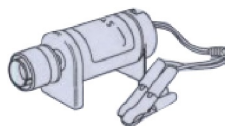
Epoxy Glue

- 6 Glue

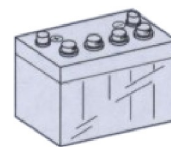


Instant glue

- 7 Other equipment for enhancing airplane operation & performance



Engine Starter



12V Battery (for starter)

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



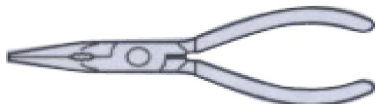
Phillips Screw Driver



Awl



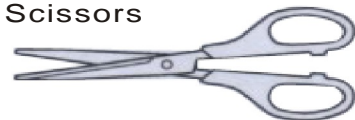
Needle Nose Pliers



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!



Apply instant glue (CA glue,super glue).



Ensure smooth non-binding movement while assembling.



Pay close attention here!



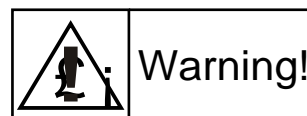
Assemble left and right Sides the same way.



Cut off shaded portion.



Cut off excess.









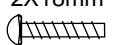

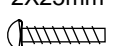


Warning!

Do not overlook this symbol.

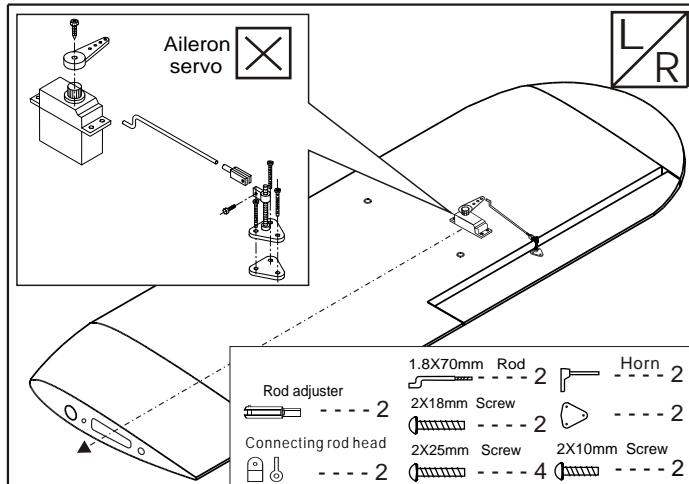


Accessory list for this page.

Hinge 	----- 6	Horn 	----- 2
Rod adjuster 	----- 2		----- 2
Connecting rod head 	----- 2	2X10mm Screw 	----- 2
1.8X70mm Rod 	----- 2	4X25mm Cap screw 	----- 2
2X18mm Screw 	----- 2	4mm Washer 	----- 2
2X25mm Screw 	----- 4		

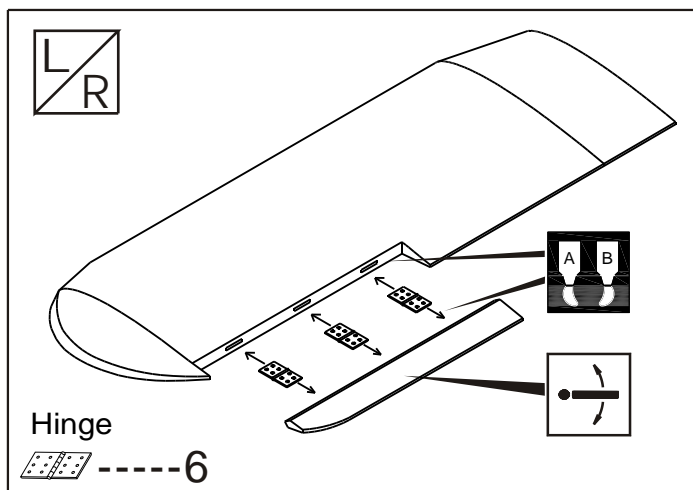
3

Install the aileron servo



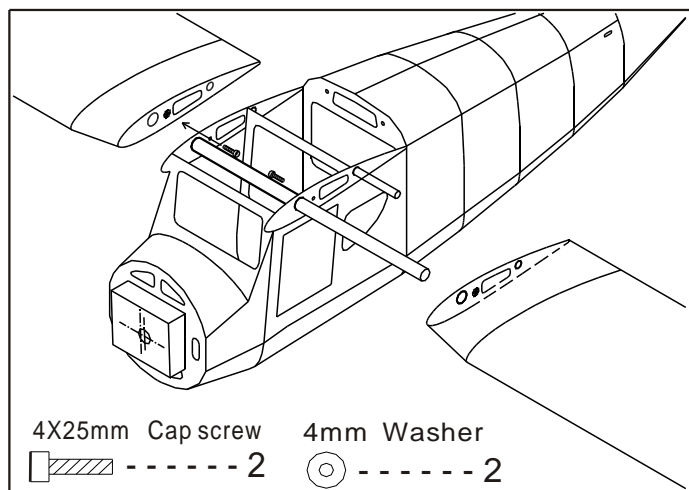
1

Install the aileron



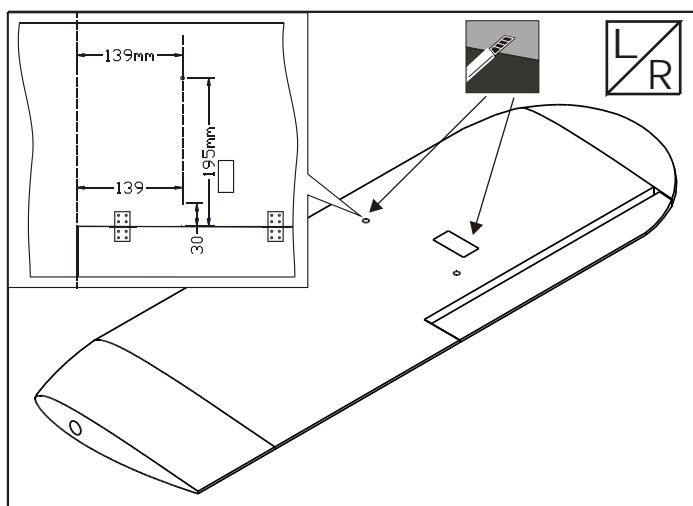
4

Mount the main wing on the fuselage



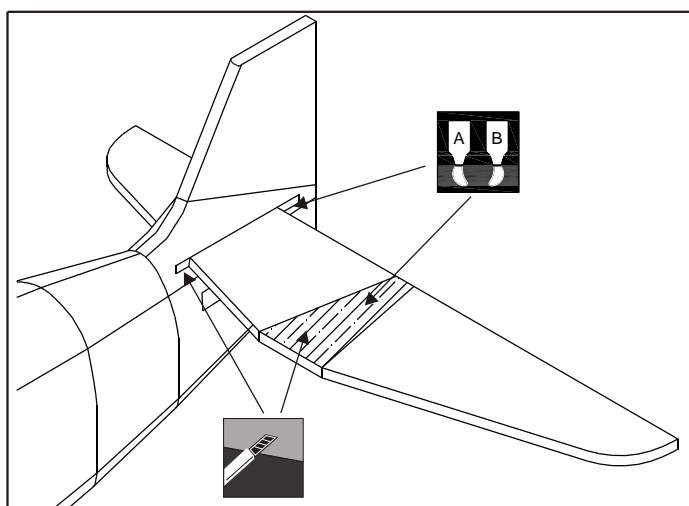
2

Install the aileron servo



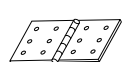
5

Instal the horizontal tail and Vertical tail





Accessory list for this page.



Hinge ----- 9

2.1mm metal collar



----- 2

3X12 Tp screw



----- 5

Rocker arm



----- 1

3X3mm Screw

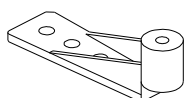


----- 2

2.1mm Nylon Collar



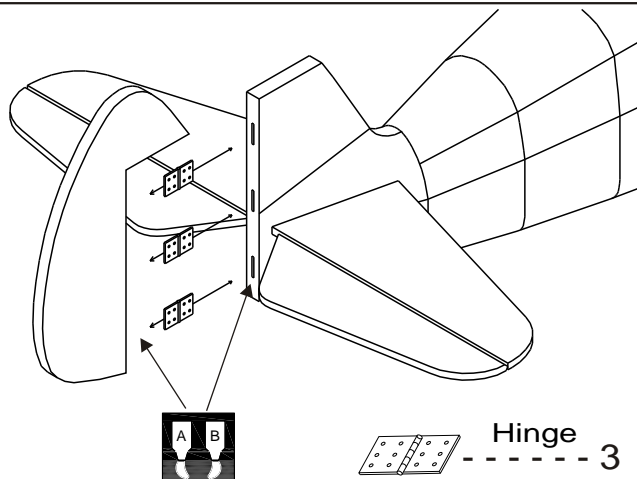
----- 1



----- 1

8

Epoxy rudder hinges to vertical tail



6

Assemble horizontal tail, vertical tail, tail gear separately

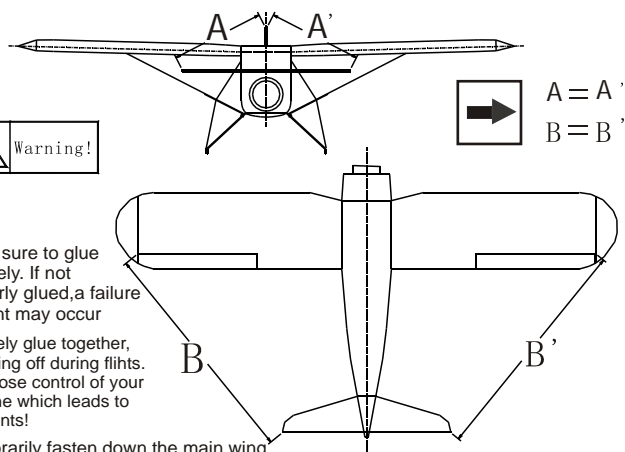


Warning!

Make sure to glue securely. If not properly glued, a failure in flight may occur

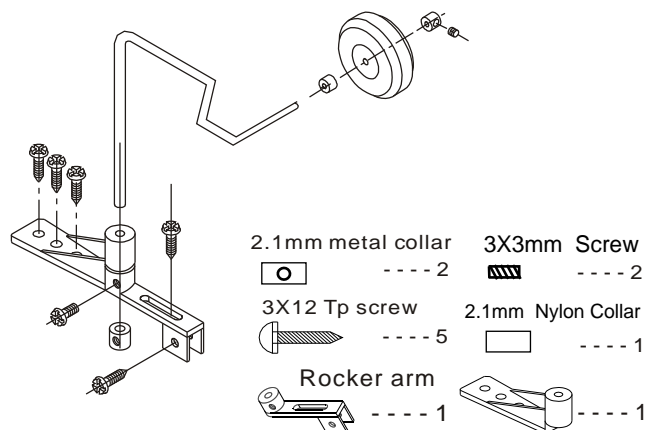
Securely glue together, If coming off during flights, you'll lose control of your airplane which leads to accidents!

Temporarily fasten down the main wing and check its correct position.



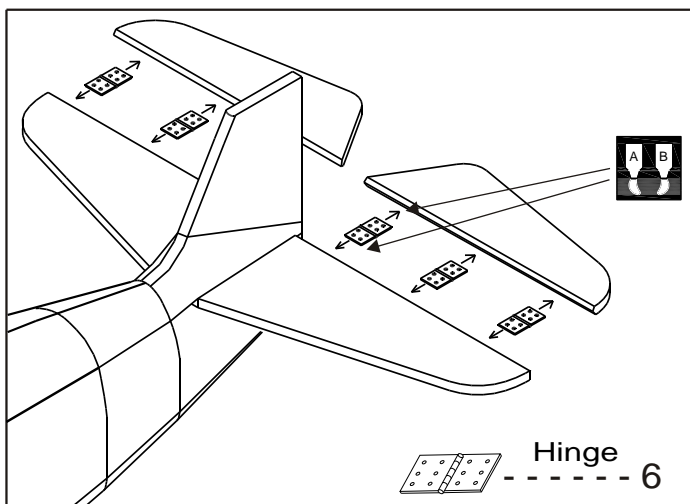
9

Install the tail wheel gear



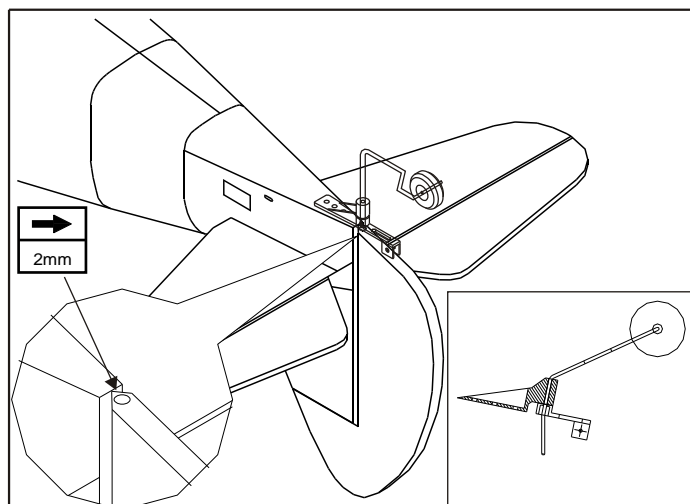
7

Epoxy elevator hinges to horizontal tail





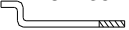












10

Install the tail wheel gear

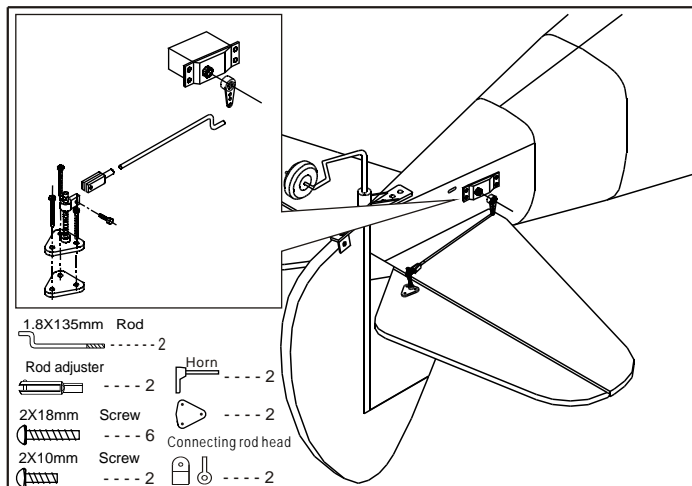




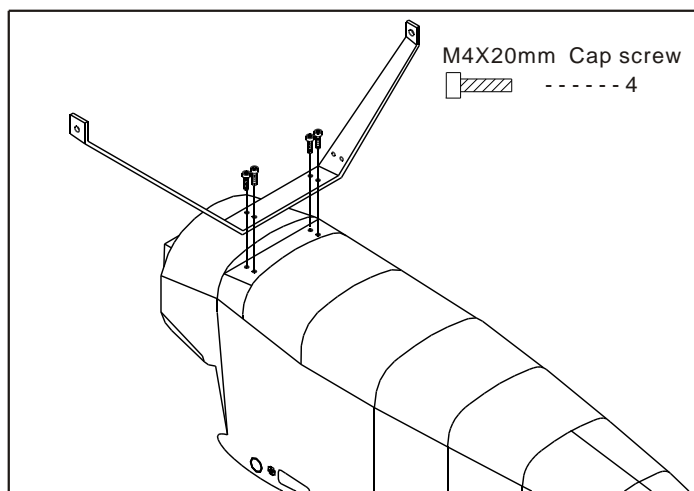
Accessory list for this page.

M4X20mm Cap screw  ----- 4	2X18mm Screw  ----- 9	1.8X135mm Rod  ----- 2
5X50mm screw  ----- 2	2X10mm Screw  ----- 4	Rod adjuster  ----- 4
M5 Lock Nut  ----- 4	Horn  ----- 4	850mm steel wire  ----- 2
3X12mm screw  ----- 6	Connecting rod head  ----- 2	Rod  ----- 2
M3 Lock Nut  ----- 4	 ----- 4	2mm Nut  ----- 3

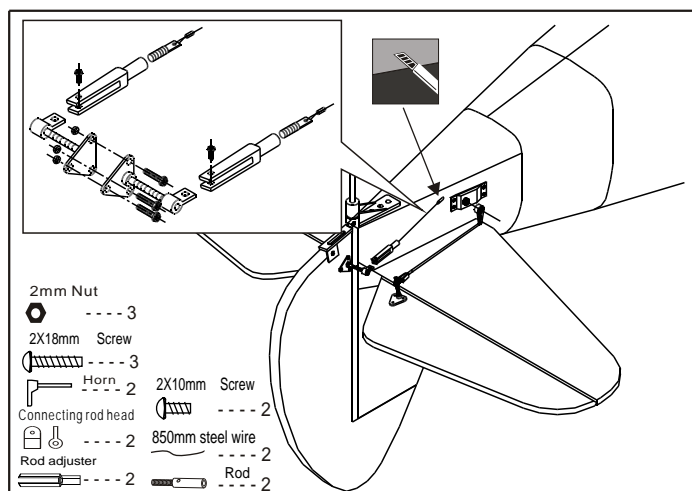
13 Elevator. Connect the linkage rod to the horn



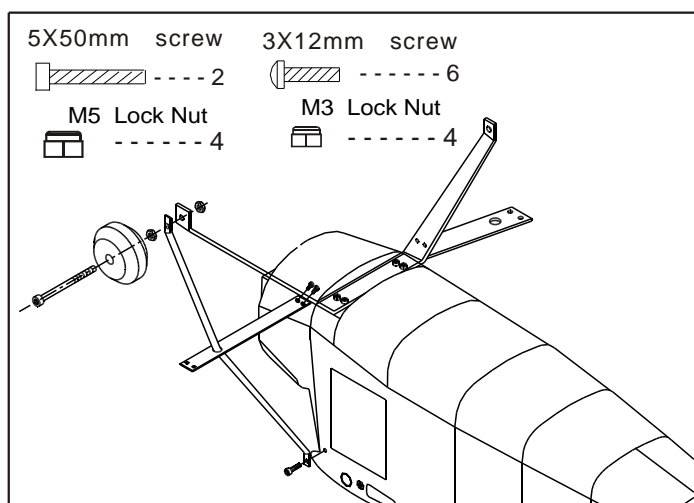
11 Install the main landing gear



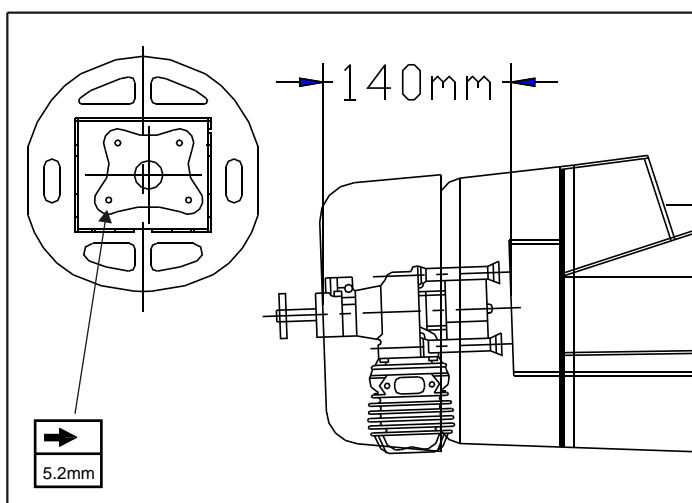
14 Rudder. Connect the linkage rod to the horn



12 Install the main landing gear



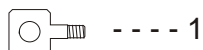
15 Assemble the engine





Accessory list for this page.

Linkage Stopper



3X3mm Screw



2mm Nut



Rod adjuster



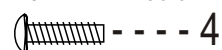
Rod



2X10mm Screw



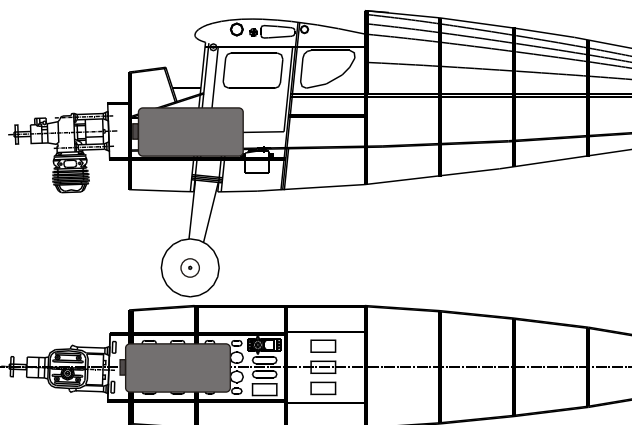
M3X12mm Screw



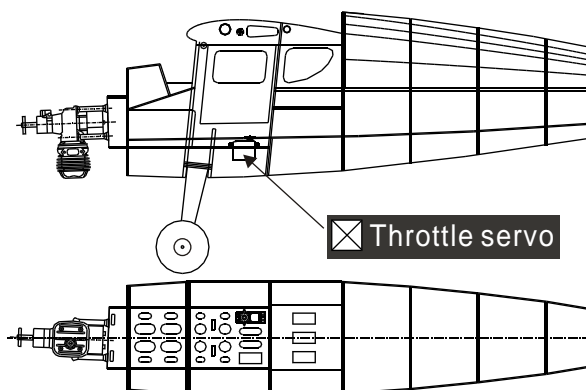
3mm Washer



18 Mount the fuel tank into the fuselage



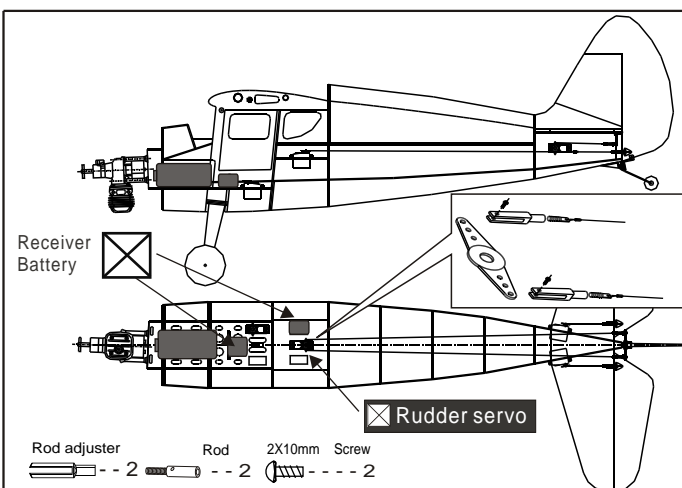
16 Mount the throttle servo into the fuselage



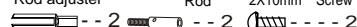
2mm Nut 3X3mm Screw Linkage Stopper 1.8X400mm Rod



19 Assemble the servos and switch in the fuselage

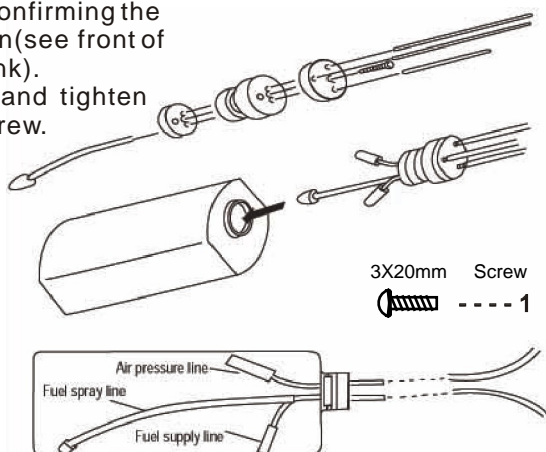


Rod adjuster Rod 2X10mm Screw



17 Assembly of the full tank

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



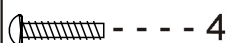
3X20mm Screw



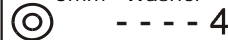
20 Assemble the cowling



M3X12mm Screw

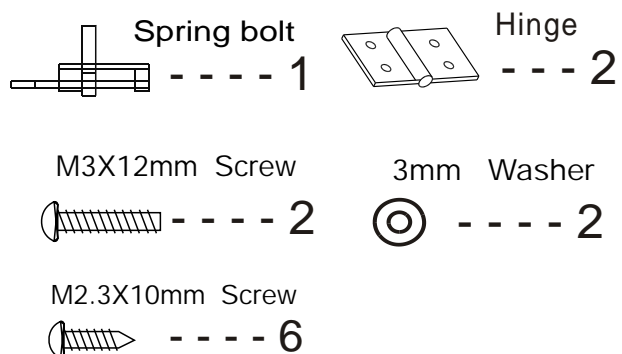


3mm Washer

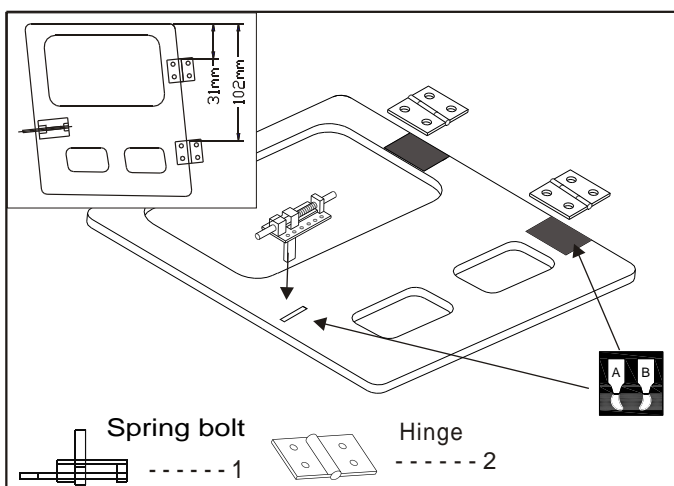




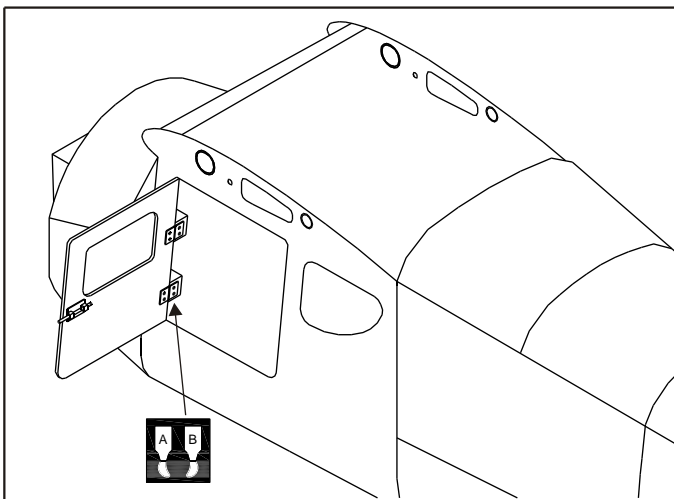
Accessory list for this page.



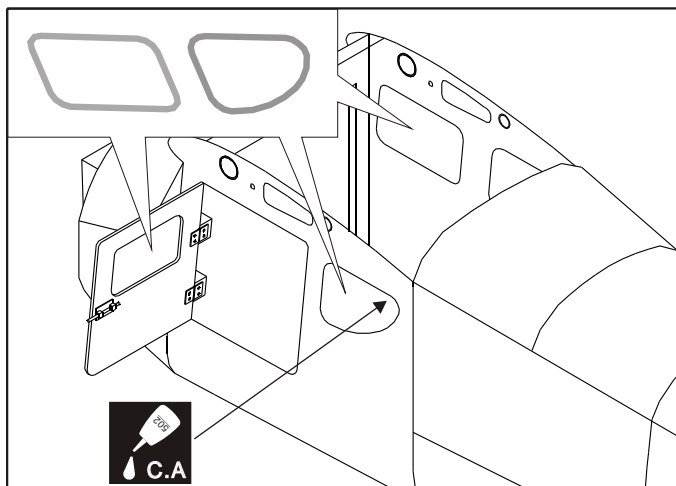
21 Glue the hinges to the door



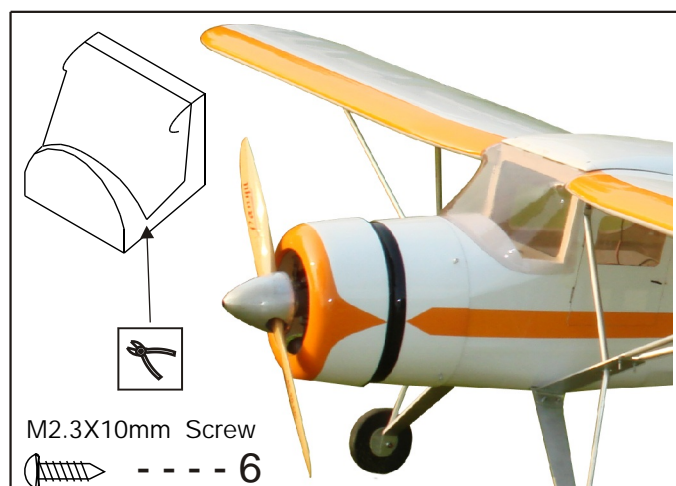
22 Glue the door to the fuselage with AB glue



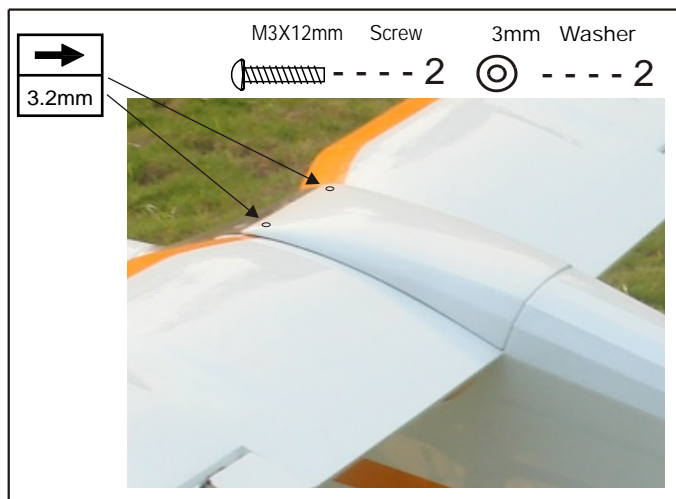
23 Install the window



24 Cut away the surplus parts of canopy carefully along the shaded line



25 Cut away the surplus parts of canopy carefully along the shaded line





Accessory list for this page.

M3X12mm Screw



----- 8

3mm nuts



----- 4

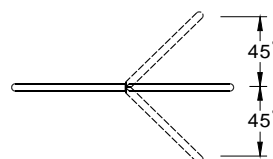
28

Adjustment.

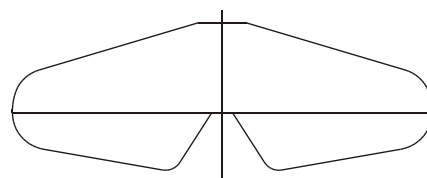
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

ELEVATOR

Side view



Top view



26

Install the wing support



M3X12mm Screw



----- 8

3mm nuts



----- 4

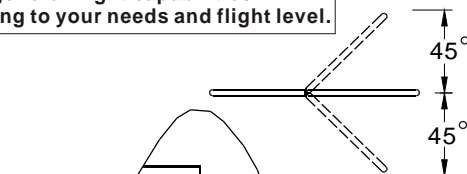
29

Adjustment.

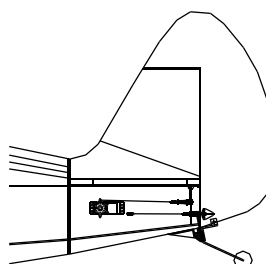
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

Rudder

Top view



Side view



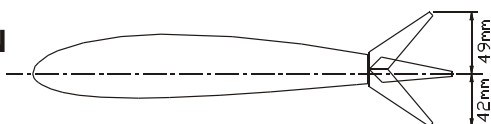
27

Adjustment.

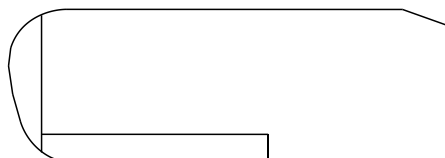
Adjust the travel of each control surface to the values in the diagrams.
These values fit general flight capabilities.
Readjust according to your needs and flight level.

AILERON

Side view



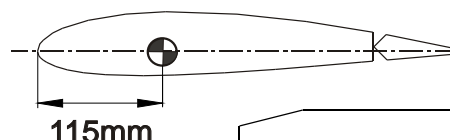
Top view



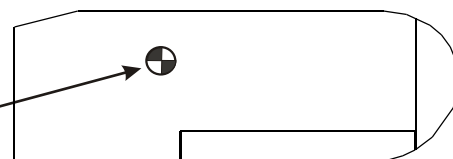
30

Centre of gravity

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



CG



警告
Warning!

NEVER fly the model
without well balancing.