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Siai Marchetti SF-260



Instruction Manual

Before commencing assembly, please read these instructions thoroughly.



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..... 2286 mm (90 in)
Wing area.....62.8 dm² (974 sq.in)
Empty weight.....7.3 kg
Total length.....1890 mm (70.5 in)
Engine.....35-50 cc gas engine
Radio.....6 channels 8 servos

Item Nr: Cy8124B

REQUIRED FOR OPERATION (Purchase separately)

- 1** A minimum 6 channel radio for airplanes (with 8 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

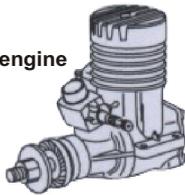


For handing the radio properly, refer to its instruction manual.

- 2** Engine and Muffler
Model Airplane engine
35-50 cc gas engine



Muffler



35-50 cc gas engine



Glow plug

- 3** Propeller splinner

Purchase a propeller that will match your engine



- 4** Silicone Tube  Fuel Filter 

- 5** required for engine starting



WARNING: Normal gasoline cannot be used with glow engines.

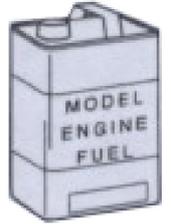


Fuel Pump



Plug Wrench

engine fuel



- 6** Glue

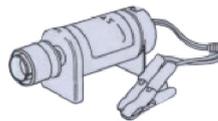


Instant glue

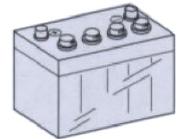


Epoxy Glue

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



Engine Starter



12V Battery (for starter)

TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



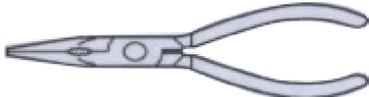
Phillips Screw Driver



Awl



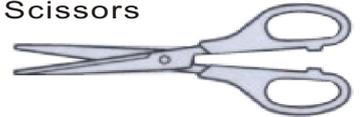
Needle Nose Pliers



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.



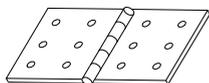
Warning!

Do not overlook this symbol.



Accessory list for this page.

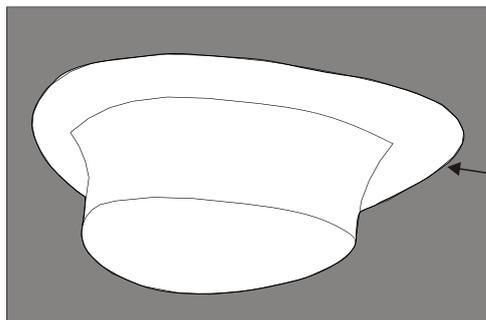
Hinge



---10

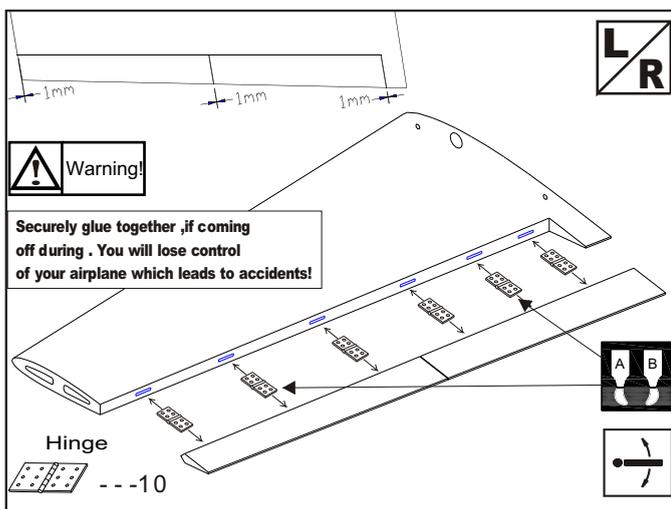
3

Install the lamp-chimney



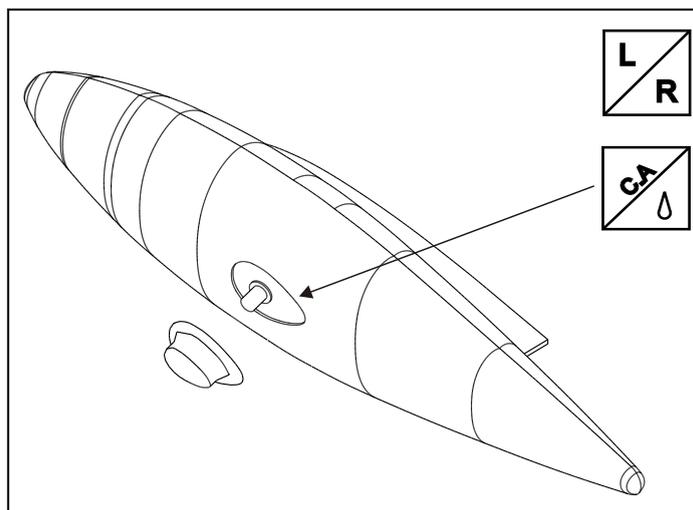
1

Epoxy pin hings to aileron steadily



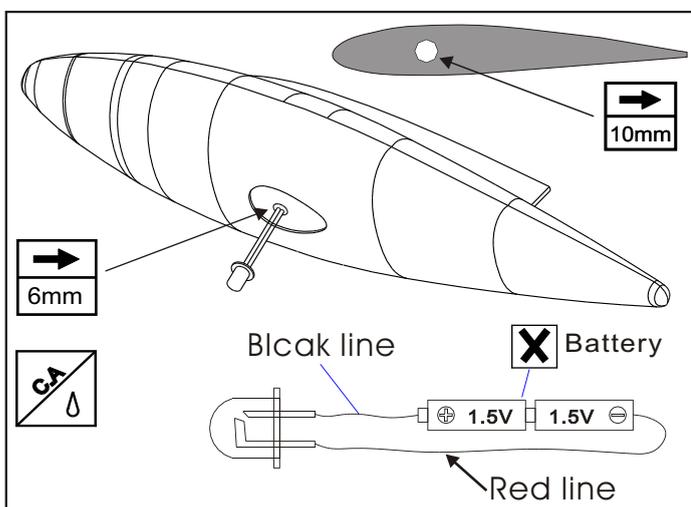
4

Install the lamp-chimney



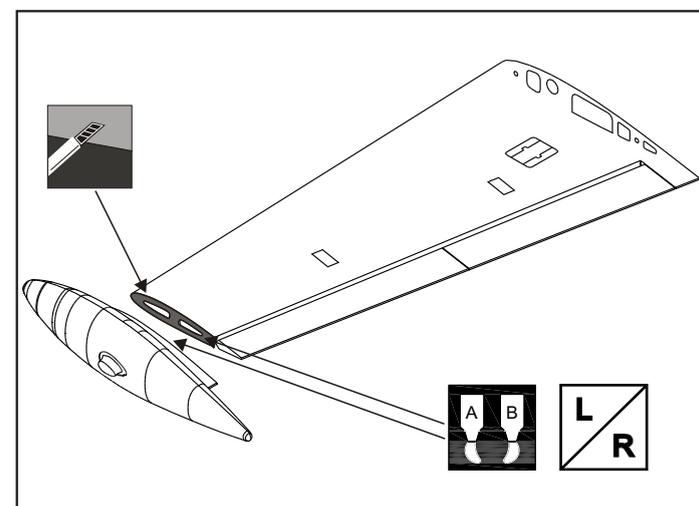
2

Install the lamp-chimney



5

Install the lamp-chimney



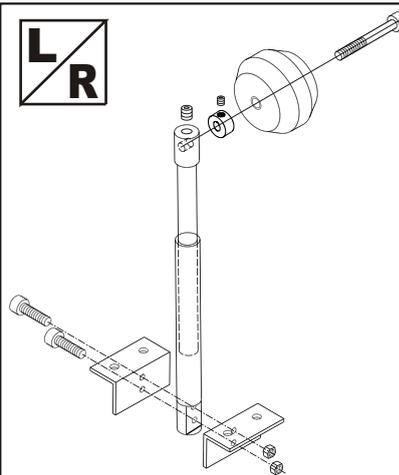


Accessory list for this page.

M4X35mm Screw  ----- 4	M4X20mm screw  -- 2	3X16mm Tp screw  ----- 8
Rod adjuster  ----- 8	M4X20mm screw  ----- 4	M3X10mm Screw  ----- 4
Horn  ----- 4	M4 Lock Nut  ----- 4	700 mm steel wire  ----- 2
2X10mm Screw  ----- 8	5.2mm Collar  ----- 2	Rod  ----- 2
Connecting rod head  ----- 4	3X3mm screw  ----- 2	3mm Nut  ----- 2
2.5X85mm Rod  ----- 4	4X4mm screw  ----- 4	4x4mm Screw  ----- 2
M3X25mm Screw  ----- 8	M3X20mm Screw  ----- 4	

8

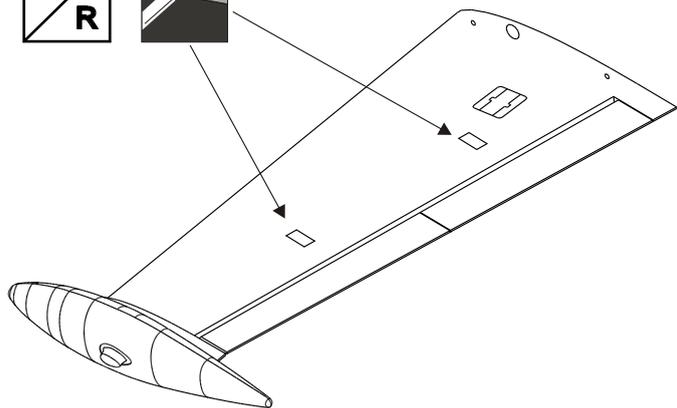
Install the main landing gear



M4X20mm screw  -- 2
M4X20mm screw  ----- 4
M4 Lock Nut  ----- 4
5.2mm Collar  ----- 2
3X3mm screw  ----- 2
4X4mm screw  ----- 2
4X4mm screw  ----- 4

6

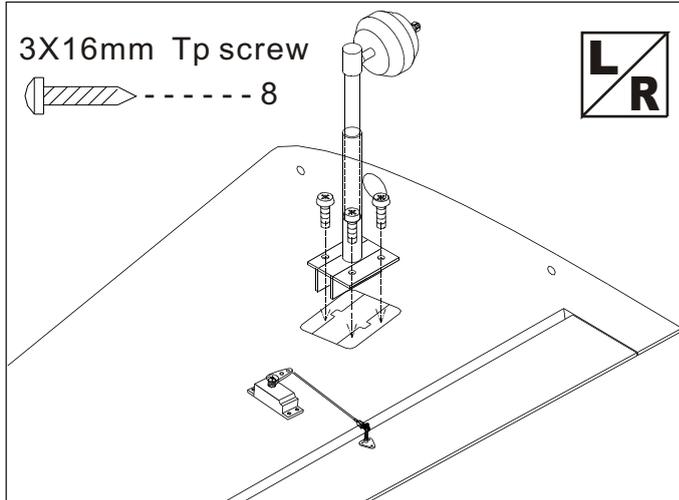
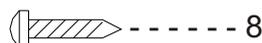
Install the aileron



9

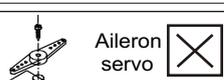
Assemble the landing gear to the wing with screw

3X16mm Tp screw

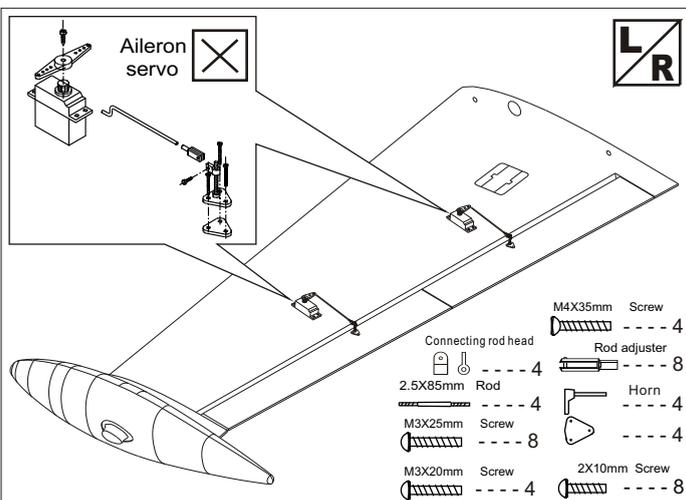


7

Install the aileron servo



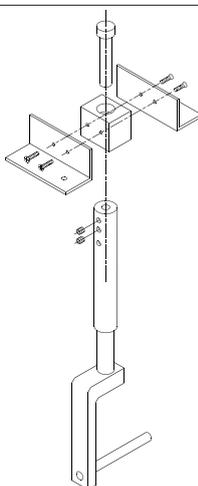
Aileron servo



M4X35mm Screw  ----- 4	Rod adjuster  ----- 8
Connecting rod head  ----- 4	Horn  ----- 4
2.5X85mm Rod  ----- 4	M3X25mm Screw  ----- 8
M3X25mm Screw  ----- 8	2X10mm Screw  ----- 8
M3X20mm Screw  ----- 4	

10

Assemble the front-wheel drive



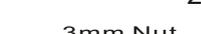
M3X10mm Screw



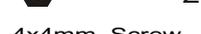
700 mm steel wire



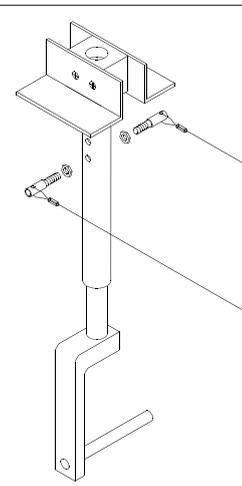
Rod



3mm Nut



4x4mm Screw





Accessory list for this page.

3X20mm Tp screw



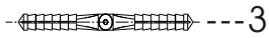
5 mm Washer



M4 Lock Nut



Pin hinges



Nylon nut

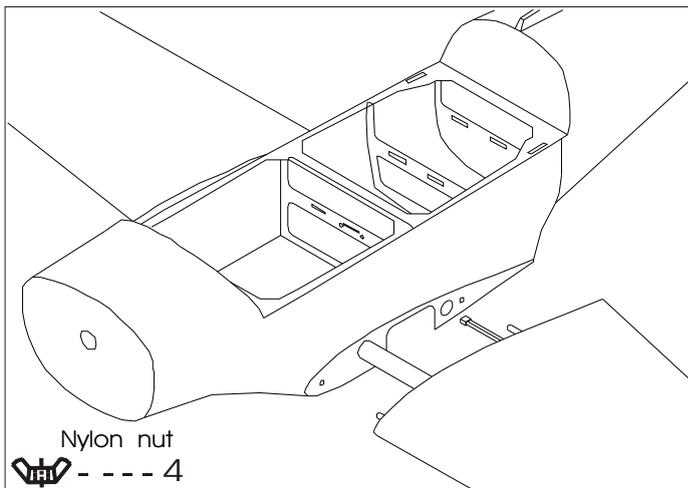


Hinge



13

Assemble the wings to the fuselage

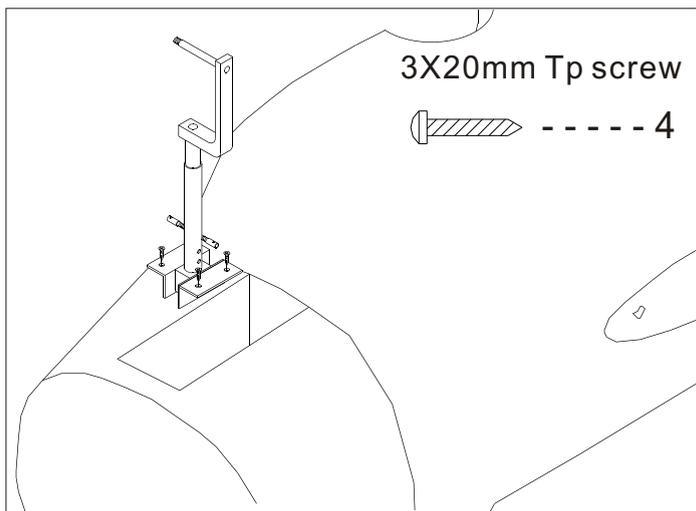


Nylon nut



11

Assemble the front-wheel drive to the fuselage with screw

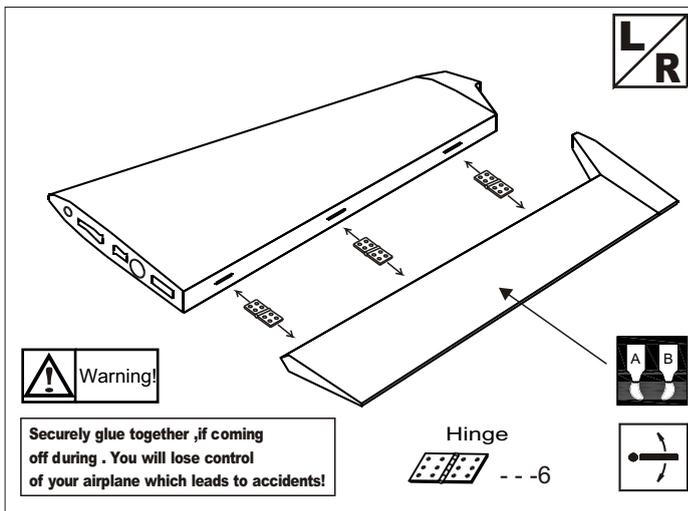


3X20mm Tp screw



14

Epoxy the horizontal tail



Warning!

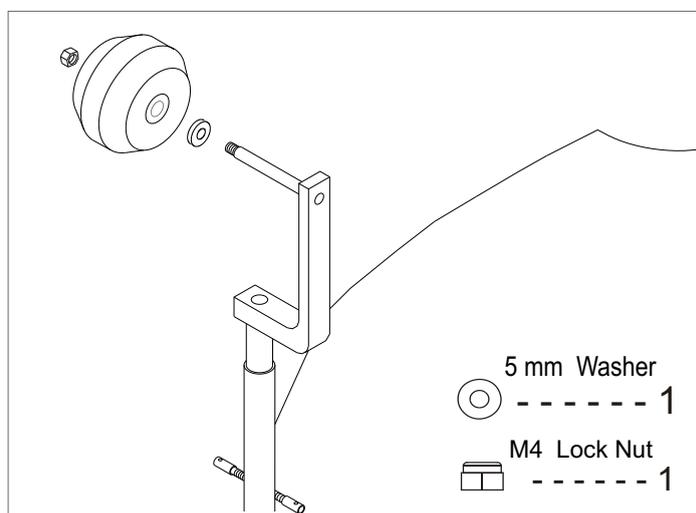
Securely glue together ,if coming off during . You will lose control of your airplane which leads to accidents!

Hinge



12

Assemble the front-wheel drive



5 mm Washer

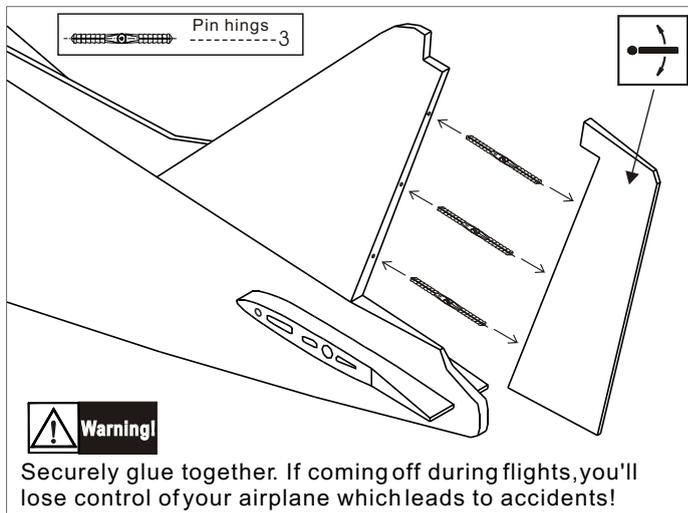


M4 Lock Nut



15

Install the rudder



Pin hinges -3



Warning!

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

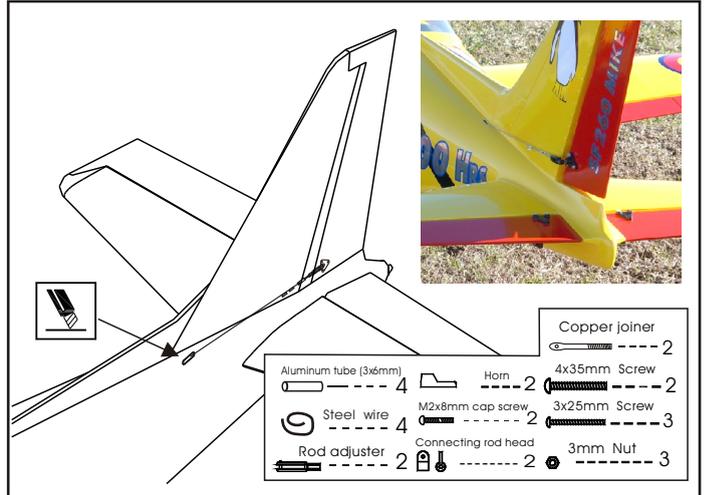


Accessory list for this page.

Horn	4	Rod adjuster	8
Triangle	2	M2X8mm cap screw	6
Aluminum tube (3x6mm)	10	M4X35mm screw	1
Steel wire	4	M2x8mm cap screw	2
M3x20mm Screw	6	Copper joiner	6
Connecting rod head	4	4x35mm Screw	2
Fiberglass tube	2	3x25mm Screw	3
Elevator rod	2	3mm Nut	3

18

Secure the servo. Install the nylon control horn and connect the linkage

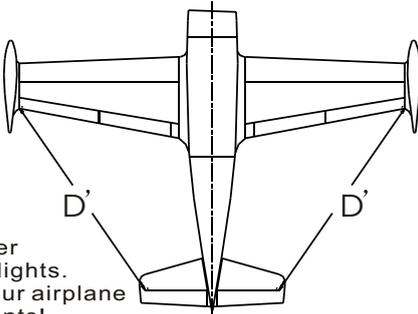
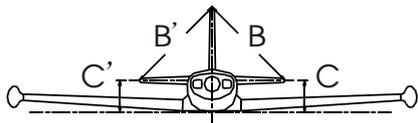


16

Assembly of the stabilizer



$B' = B$
 $C' = C$
 $D' = D$

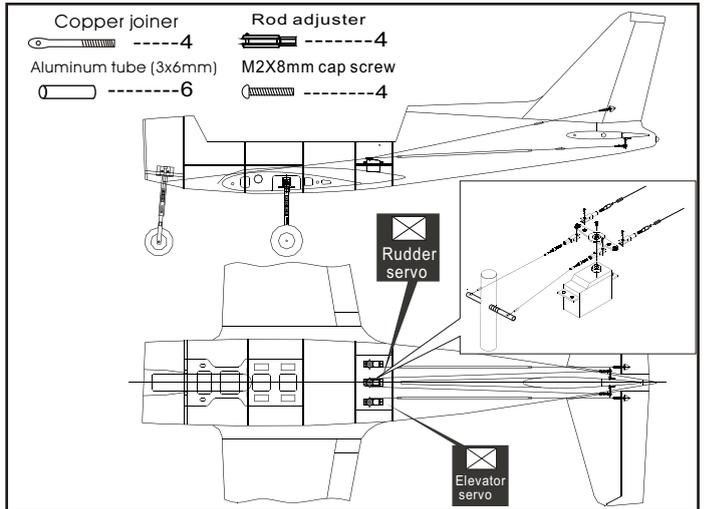


Warning!

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

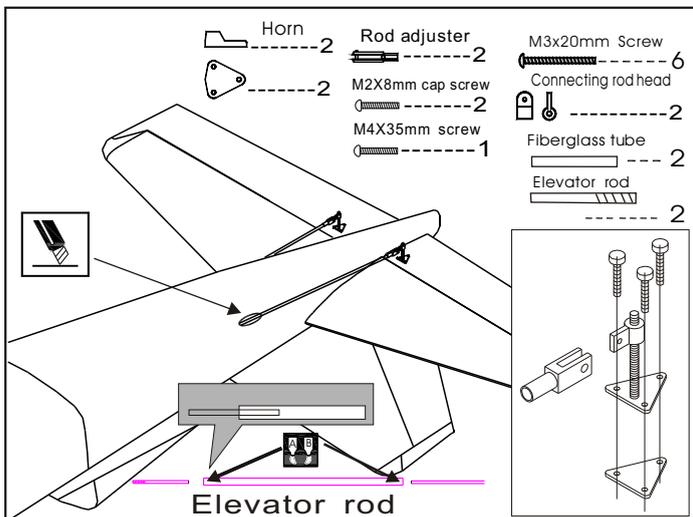
19

Assemble the servo to the fuselage



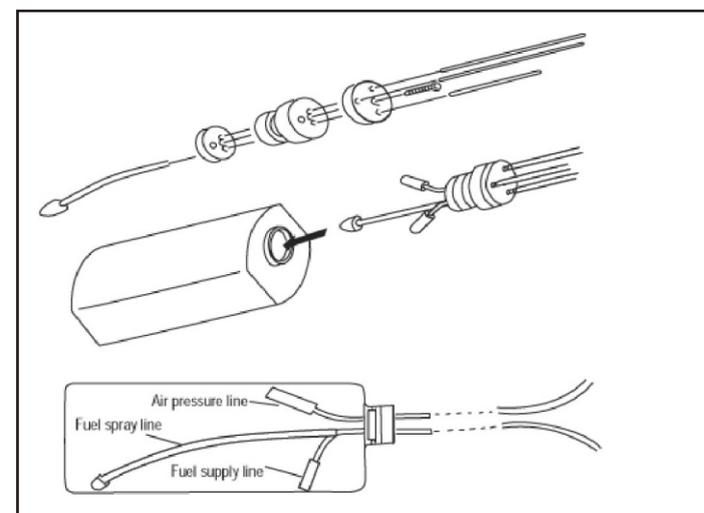
17

Install the nylon control horn and connect the linkage



20

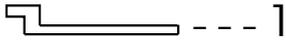
Assembly of the fuel tank





Accessory list for this page.

1.8x450mm Throttle rod



Nut (2mm)



Linkage Stopper



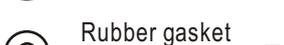
Set screw (3x4mm)



M3X16mm Cap Screw



Washer

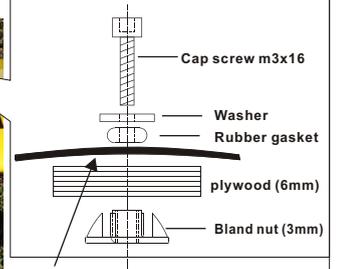


Rubber gasket



23

Assemble the cowling to fuselage with screw



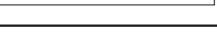
M3X16mm Cap Screw



Washer

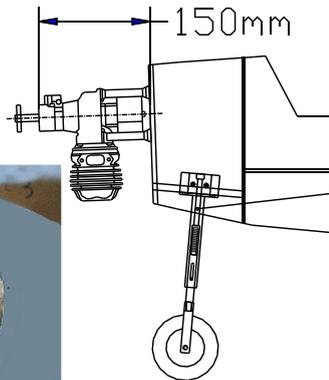


Rubber gasket



21

Assemble the engine



24

Trim the surplus shaded portion away from the canopy



22

Mount the receiver and battery in the fuselage

1.8x450mm Throttle rod



Nut (2mm)



Linkage Stopper



Set screw (3x4mm)



(Battery)
(Receiver)



Throttle servo

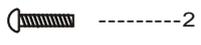


25

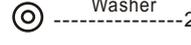
Assemble the canopy to the fuselage with TP screws



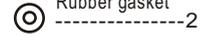
M3X16mm Cap Screw



Washer



Rubber gasket

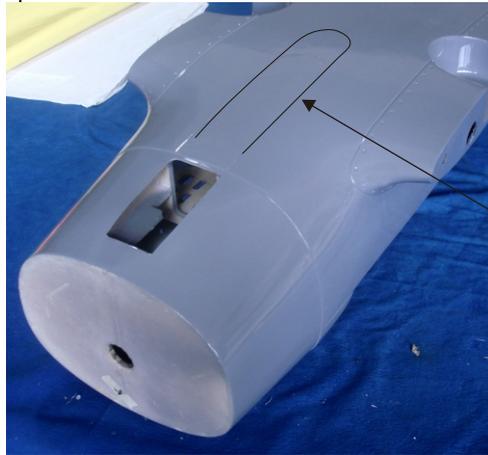




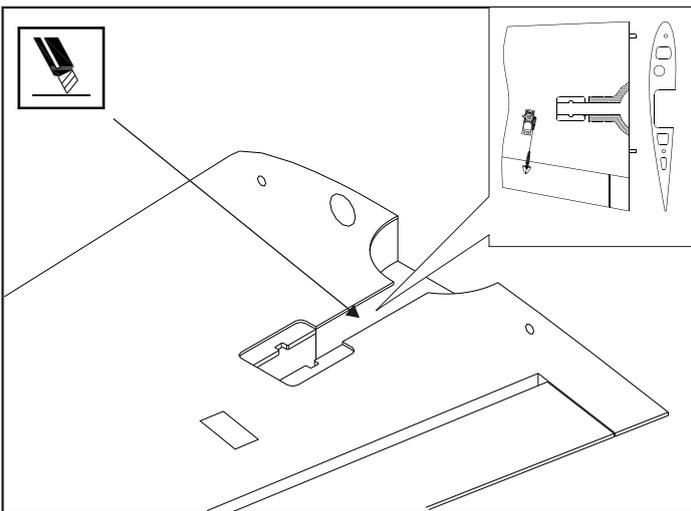
Accessory list for this page.

If you choose an air retractable landing gear, the installing method is as steps 26 to 30.

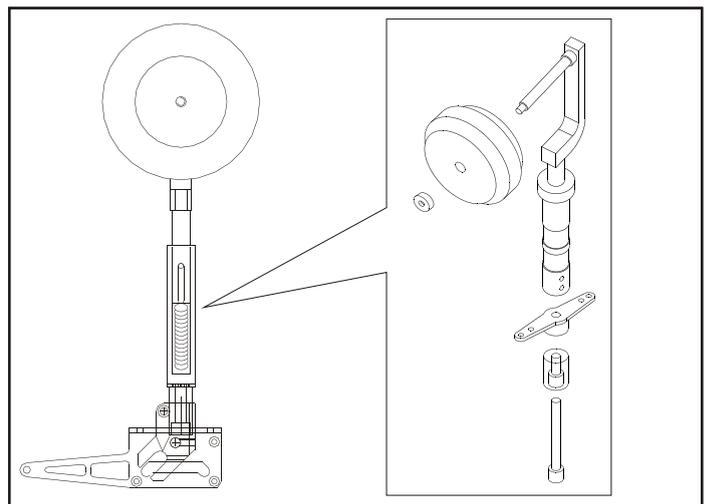
28 Epoxy the wheel wells to the holes



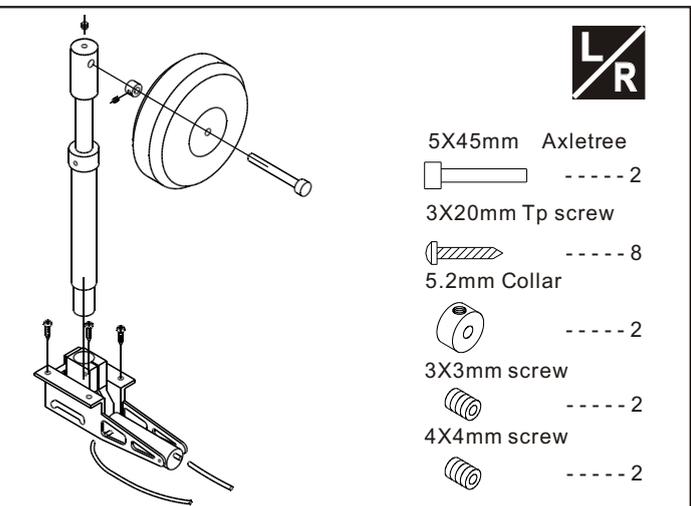
26 Epoxy the wheel wells to the holes



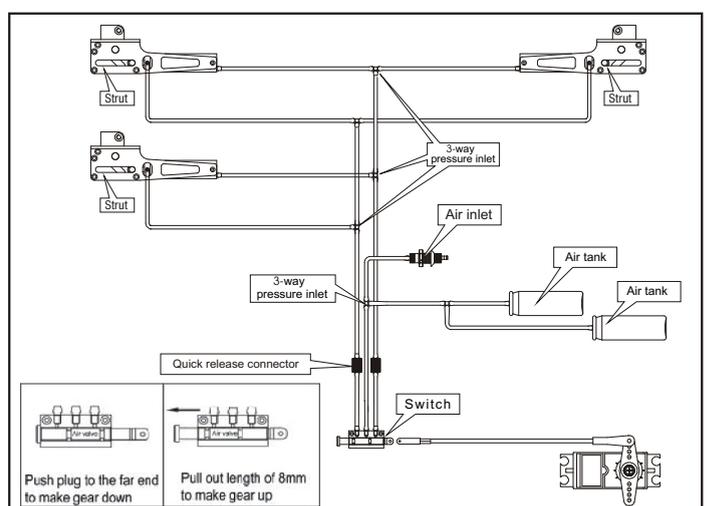
29 Assemble the front-wheel drive



27 Assemble of the landing gear



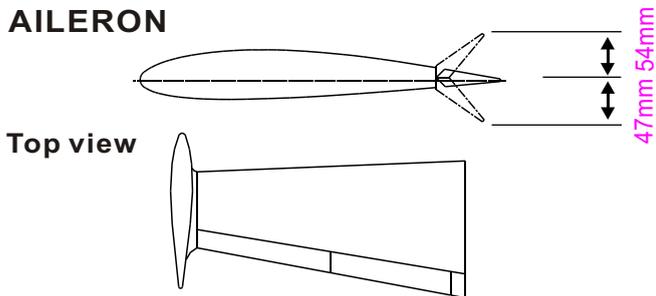
30 Three wheel retract system



31 Adjustment.

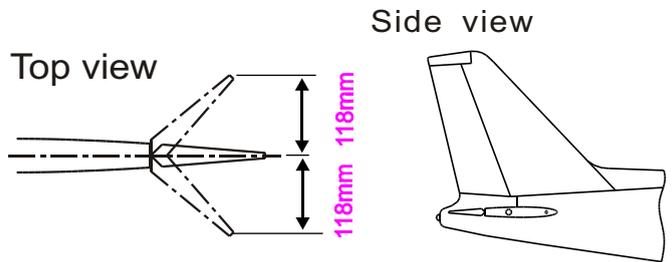
Adjust the travel of each control surface to the values in the diagrams. These values fit general flight capabilities. Readjust according to your needs and flight level.

AILERON



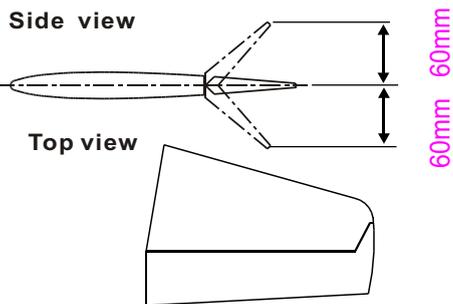
33 Adjustment.

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.



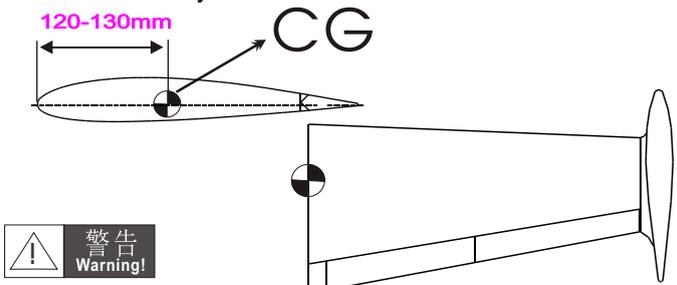
32 Adjustment.

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.



34 Centre of Gravity.

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



NEVER fly the model without well balancing.

35 Spread a diagram