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P-47

Item Nr: CY8009



Instruction Manual

Before commencing assembly, please read these instructions thoroughly.

ALMOST - READY - TO - FLY



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: 2400mm (96in)
Wing Area: 92.3dm² (1431sq.in)
Total Length: 2120 mm (83.5 in)
Engine : 100-150cc gas engine
Radio : 6 channels , 9 servos

REQUIRED FOR OPERATION (Purchase separately)

- 1** A minimum 6channel radio for airplanes (with 9servos).
And dry batteries.

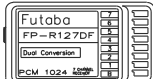


CAUTION: Only use a minimum 6channel radio for airplanes! (No other radio may be used!)

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 9 servos) 

- 4** Engine and Muffler
Model Airplane engine: 100-150cc gas engine






Muffler



Muffler



- 5** Glue   
Epoxy Glue Instant glue

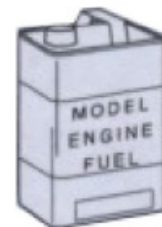
- 6** required for engine starting  **WARNING:** Normal gasoline cannot be used with glow engines.



Fuel Pump



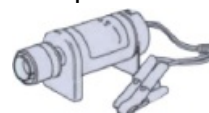
Plug Wrench



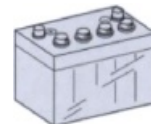
Glow engine fuel only.

- 7** Silicone Tube  Fuel Filter 

- 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



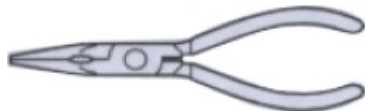
Phillips Screw Driver



Awl



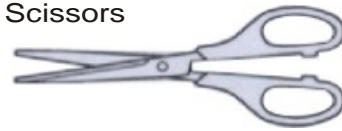
Needle Nose Pliers



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.



Do not overlook this symbol.



Accessory list for this page.

2.3X10mm Tp screw



----- 16

3X30mm screw



----- 6

2X8mm screw



----- 8

2.5X85mm rod



----- 4

Hinge



----- 8

3X12mm TP screw



----- 6

HORN



----- 4



----- 2

4X30 Screw



----- 4

Rod adjuster



----- 8

Connecting rod head



----- 4

Hinge

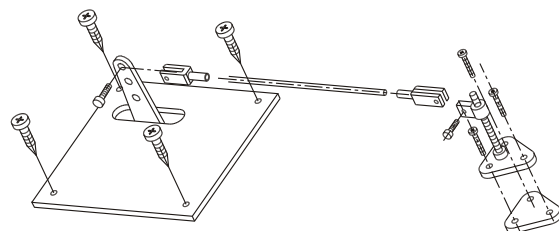
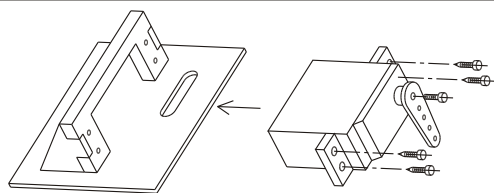


----- 8

3

Install the servo

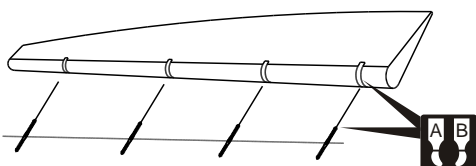
L/R



1

Install the aileron and flap

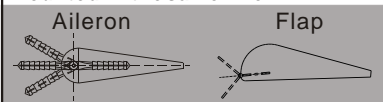
L/R



Aileron

Flap

Make sure hinges are mounted in the same line



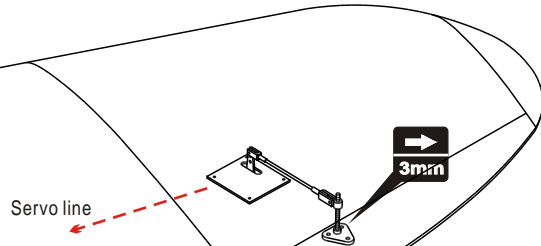
Hinge ----- 8

Hinge ----- 8

4

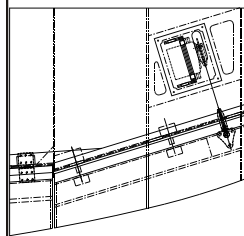
Install the servo of aileron

L/R



Servo line

3mm

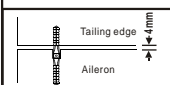
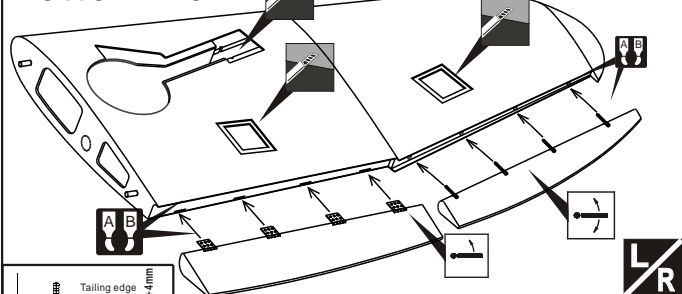


2.3X10mm Tp screw ----- 8
3X30mm screw ----- 6
2X8mm screw ----- 4
2.5X85mm rod ----- 2
HORN ----- 2
4X30 Screw ----- 2
Rod adjuster ----- 4
Connecting rod head ----- 2

2

Install the aileron and flap

Bottom view



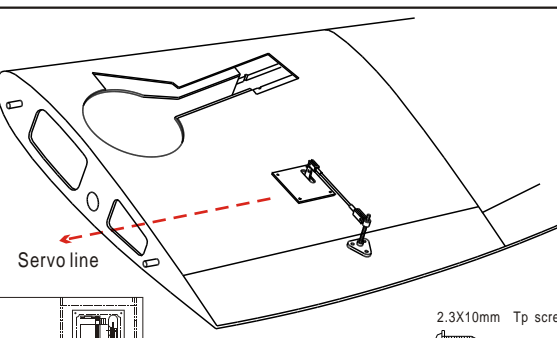
Warning!

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

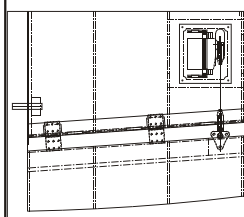
5

Install the servo of flap

L/R



Servo line



2.3X10mm Tp screw ----- 8
3X12mm TP screw ----- 6
2X8mm screw ----- 4
2.5X85mm rod ----- 2
HORN ----- 2
4X30 Screw ----- 2
Rod adjuster ----- 4
Connecting rod head ----- 2

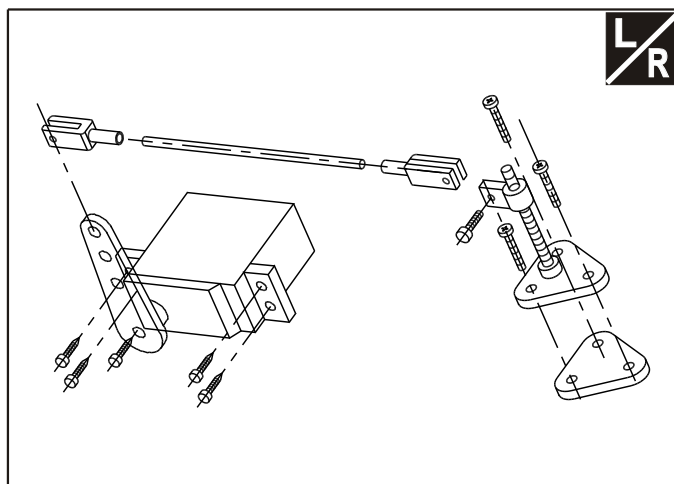


Accessory list for this page.

3X30mm screw		HORN		-----2
	-----6			-----2
2X8mm screw		4X30 Screw		-----2
	-----4	Rod adjuster		-----4
2.5X85mm rod		Connecting rod head		-----2
Hinge				
	-----12			

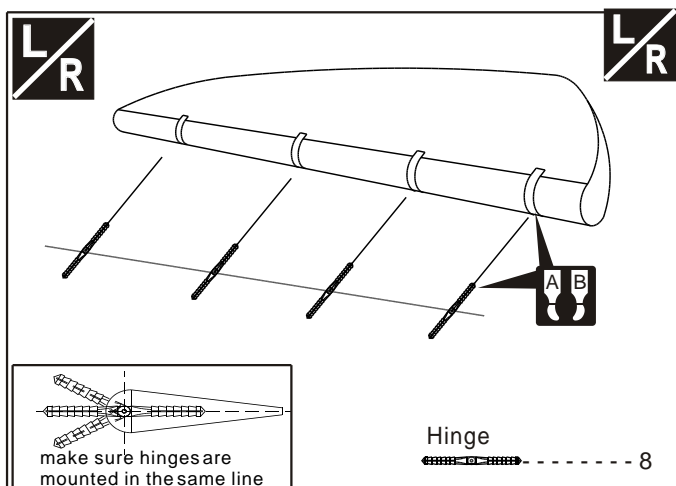
8

Install the elevator servos



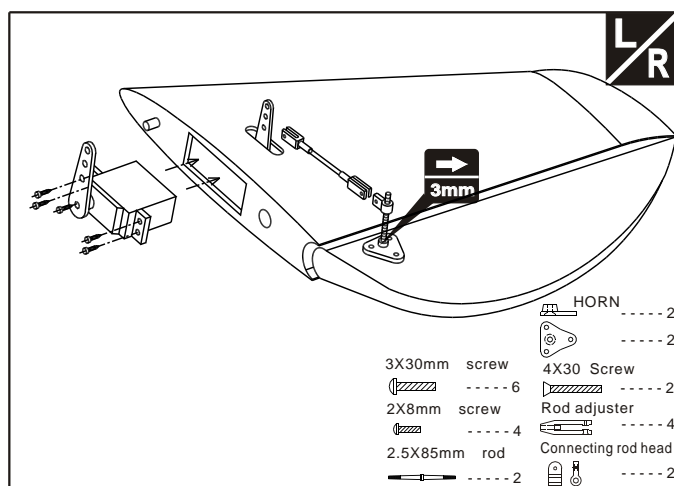
6

Install the elevator



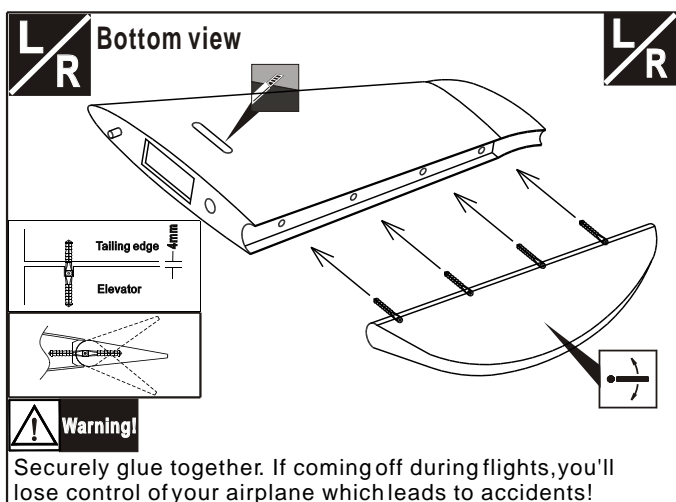
9

Install the elevator servos



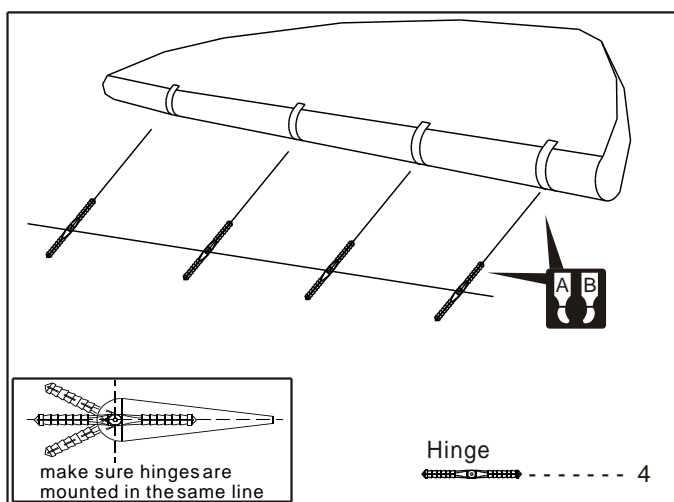
7

Install the elevator



10

Install the rudder

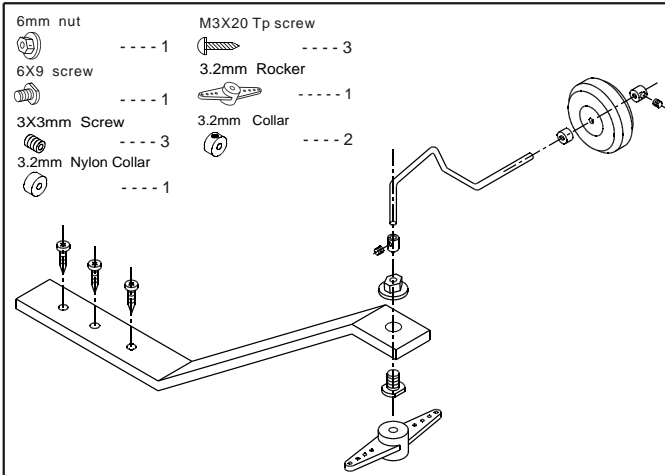




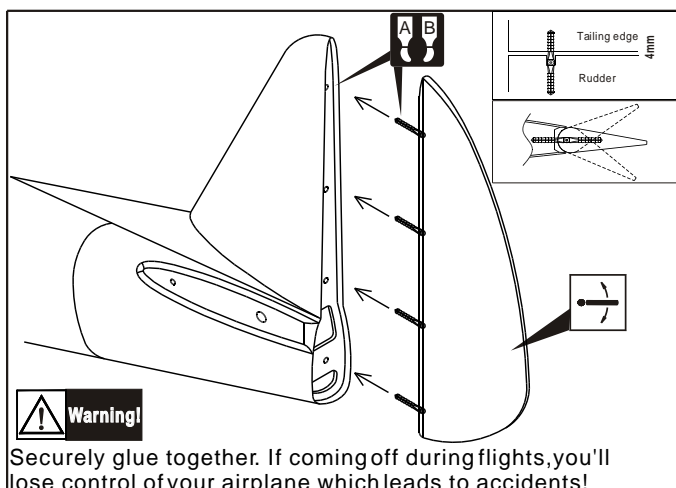
Accessory list for this page.

Rod adjuster	6mm nut
Connecting rod head	6X9 screw
Rod	3X3mm Screw
Aluminium tube	3.2mm Nylon Collar
2X8mm screw	3.2mm Collar
5X100mm screw	80mm spring
5mm nut	M3X20 Tp screw
1400mm Steel wire	3.2mm Rocker

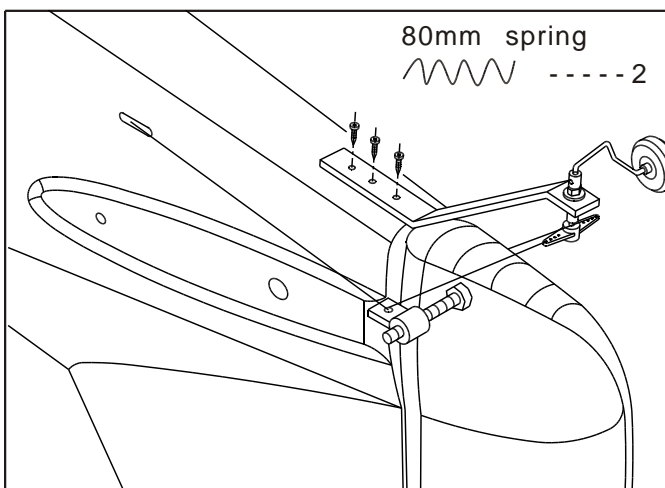
13 Install the tail wheel



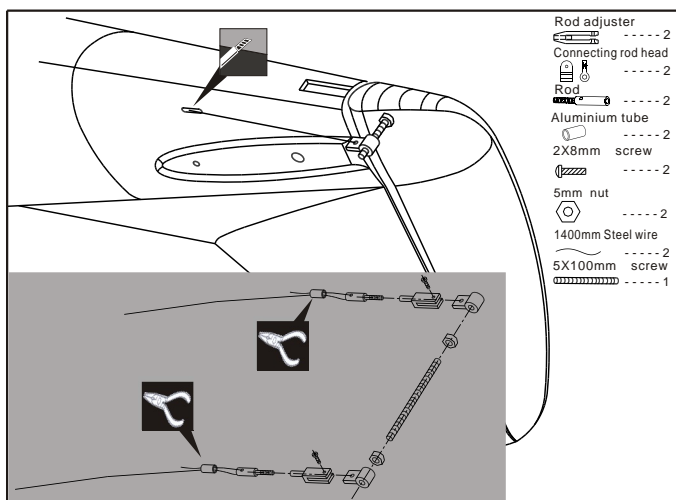
11 Install the rudder



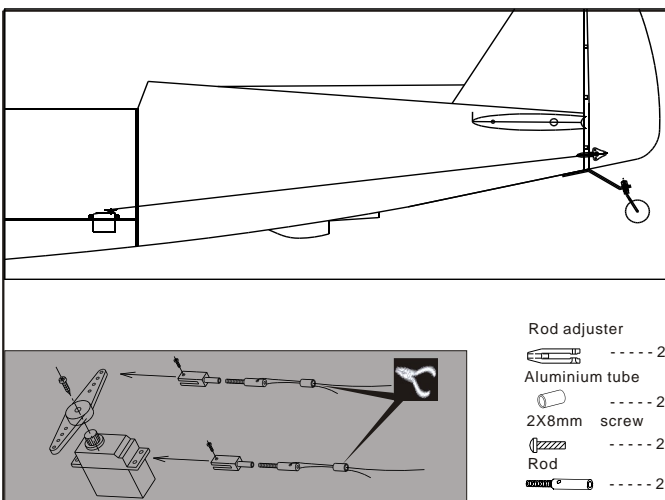
14 Install the tail wheel



12 Install the rudder servos



15 Install the servos of rudder&tail wheel

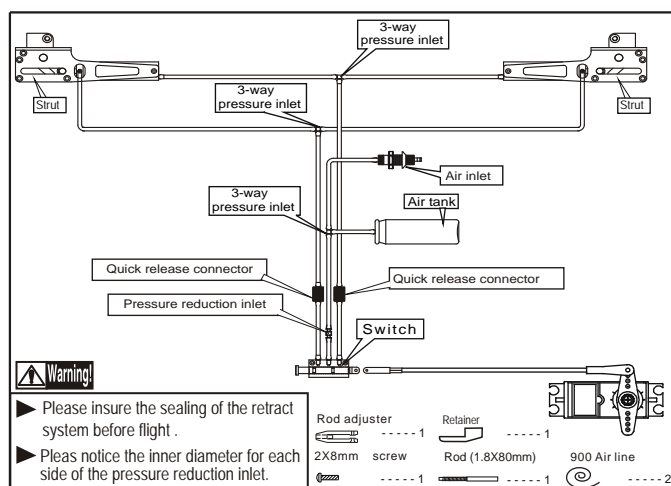




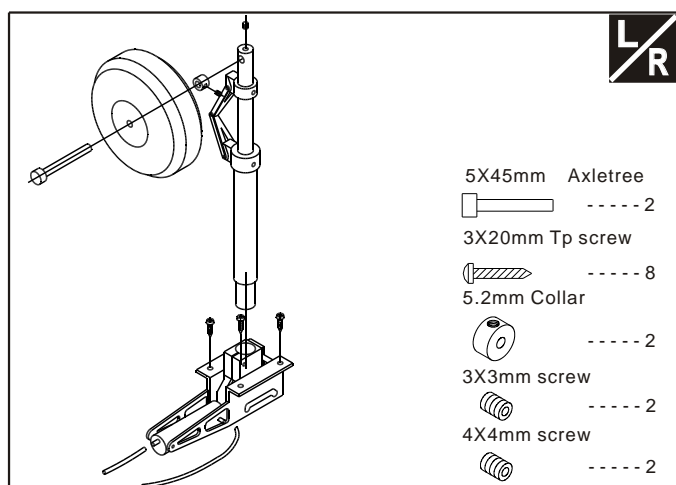
Accessory list for this page.

5X45mm Axletree	8mm nylon Nut
----- 2	----- 4
3X20mm Tp screw	Rod adjuster
----- 8	----- 1
5.2mm Collar	2X8mm screw
----- 2	----- 1
3X3mm screw	Retainer
----- 2	----- 1
4X4mm screw	Rod (1.8X80mm)
----- 2	----- 1
Play wood	900 Air line
----- 2	----- 2
Play wood	
----- 4	

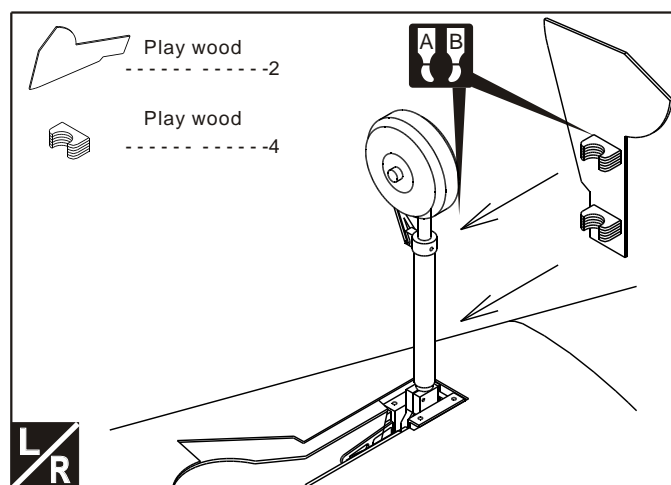
18 Install the main landing gear



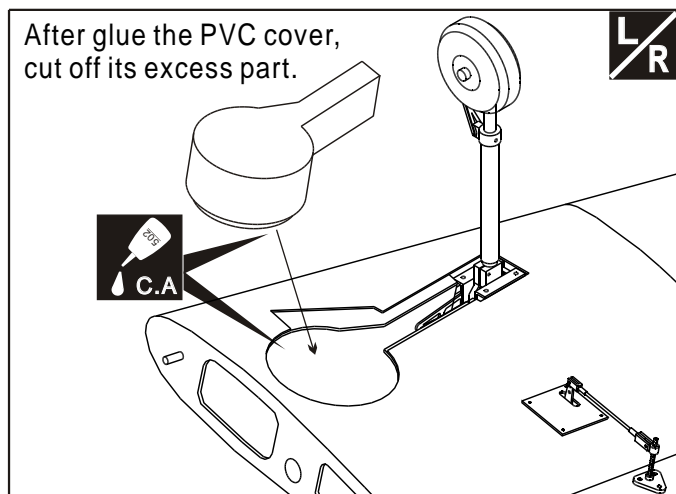
16 Install the main landing gear



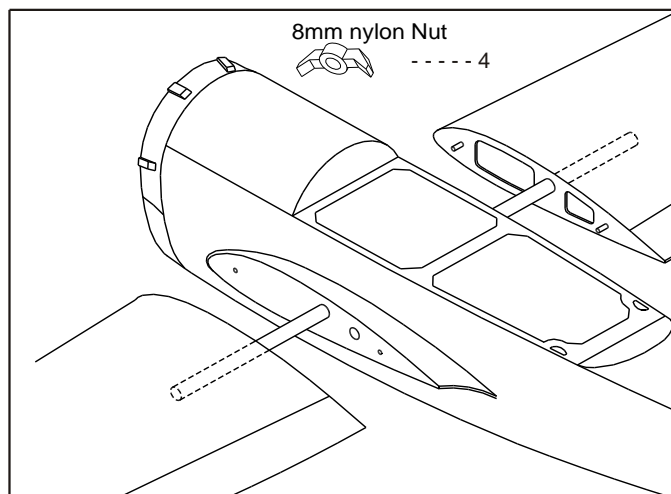
19 Install the main landing gear



17 Install the main landing gear



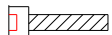
20 Main wing (Put the servo into the fuselage)





Accessory list for this page.

4X25mm screw



--- 2

4mm Washer



----- 2

Linkage Stopper



--- 1

1.8X200mm Rod



----- 1

2mm Nut



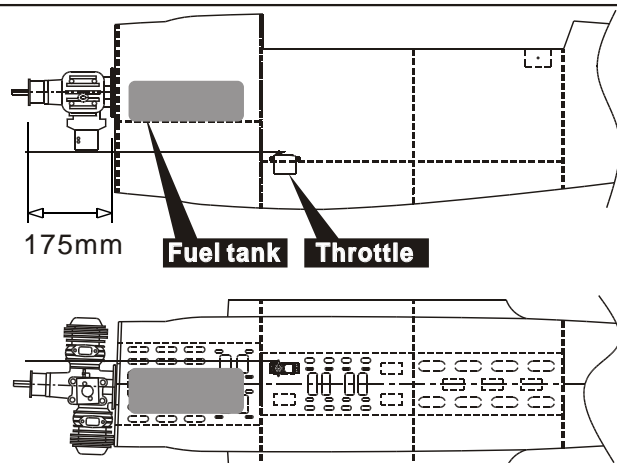
--- 1

3X3mm Screw

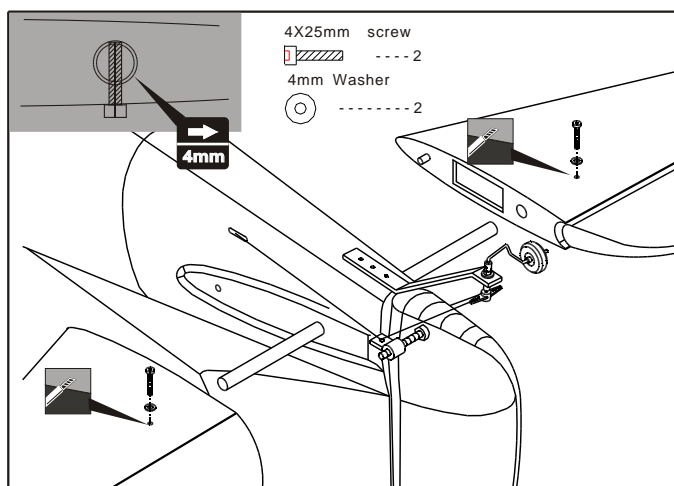


----- 1

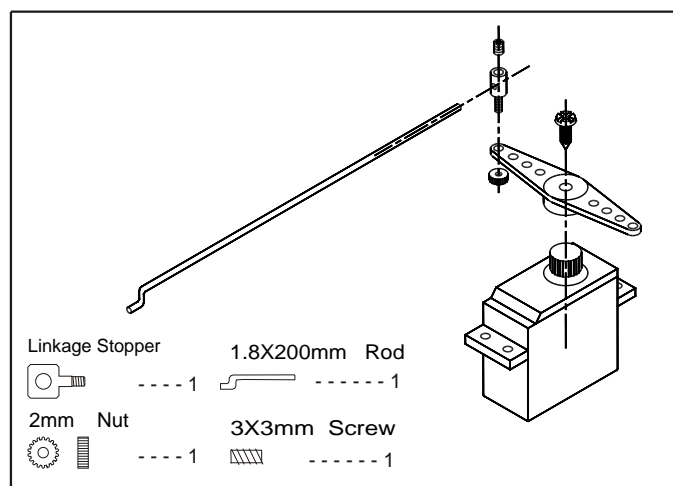
23 Installing the engine (100-150cc)



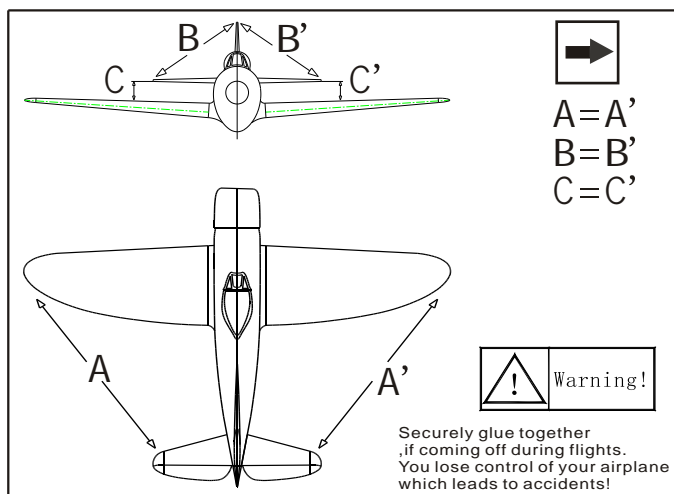
21 Horizontal (Put the servo into the fuselage)



24 Install the throttle servo

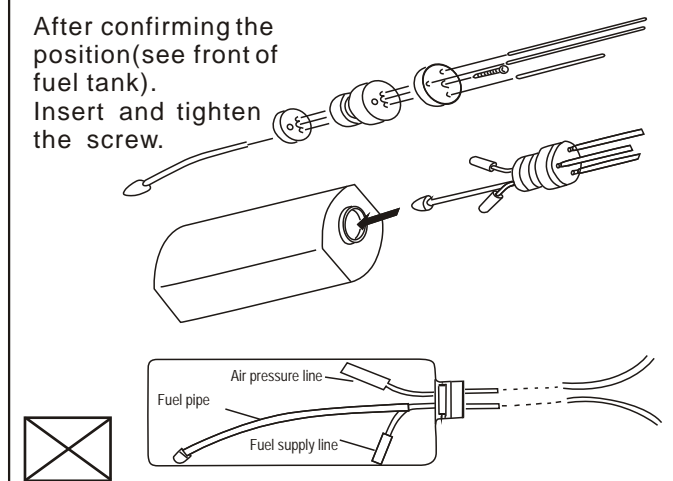


22 Main wing&Horizontal/Vertical tail



25 Assembly of the full tank

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

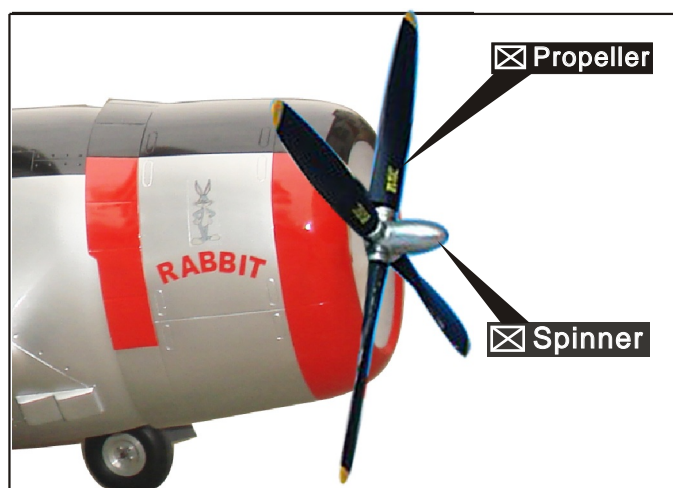




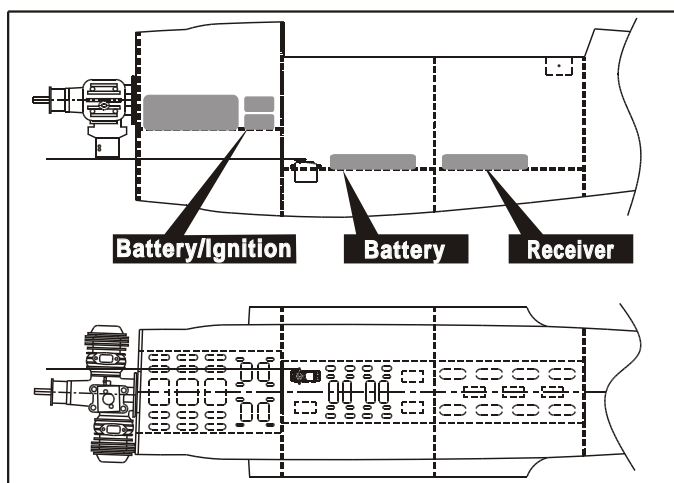
Accessory list for this page.

	3X30mm screw	2
	3X16mm screw	6
	3mm Bind nut	6
	3mm Washer	8
	3mm rubber band	8
	6mm Playwood	6
	2.3X10mm Tp screw	6

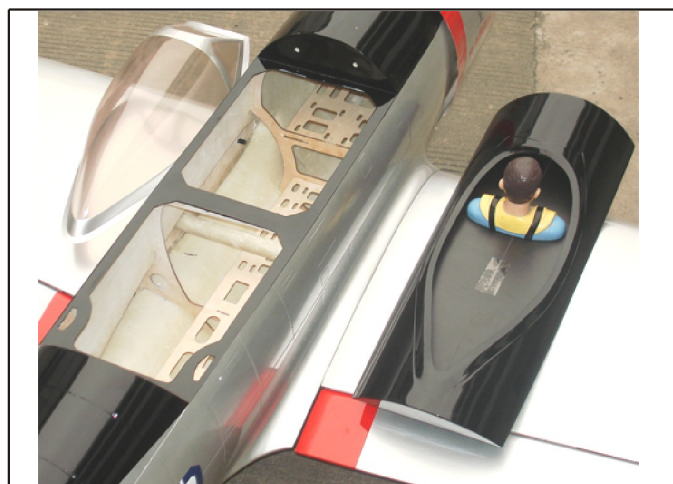
28 Install the thr cowling



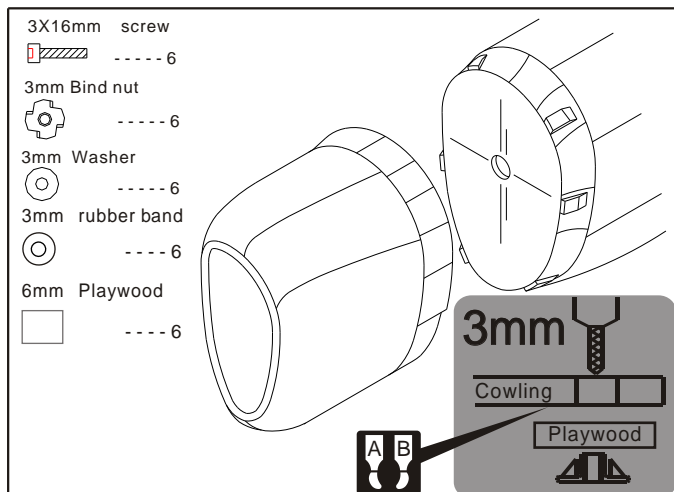
26 Radio Equipment



29 Install the canopy



27 Install the thr cowling

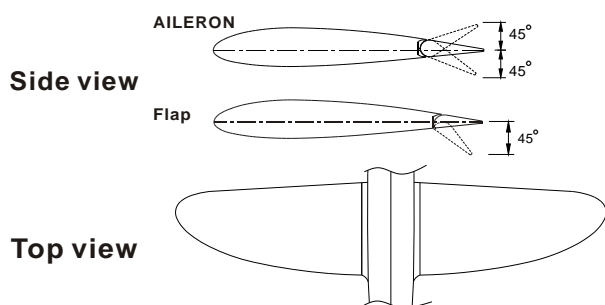


30 Install the canopy



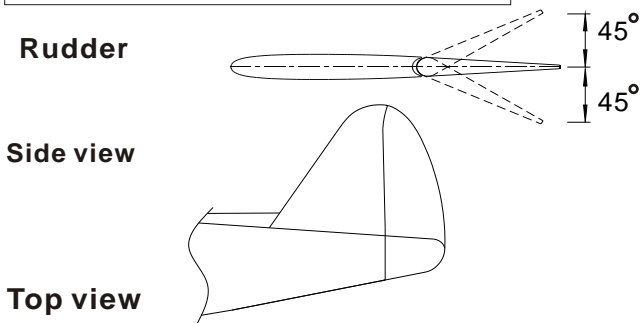
31 Adjustment.

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.



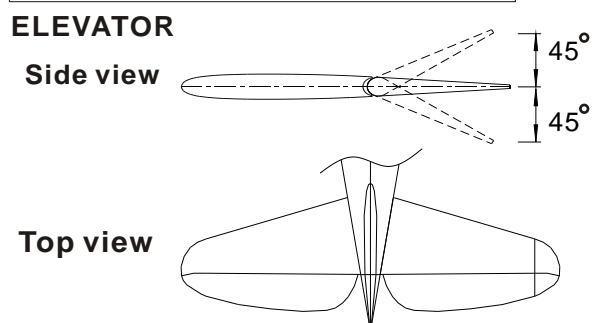
33 Adjustment

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.



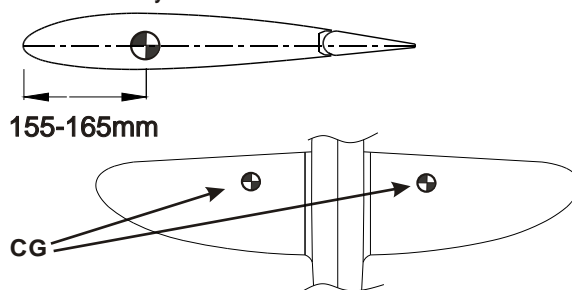
32 Adjustment.

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 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.