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# Hawker typhoon

Item Nr: CY8008



## Instruction Manual

Before commencing assembly, please read these instructions thoroughly.

**ALMOST - READY - TO - FLY**



### 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: 2450mm (96.4in)  
Wing Area: 87.3dm<sup>2</sup> (1354sq.in)  
Total Length: 1940 mm (76.4 in)  
Engine :50-80cc gas engine  
Radio : 6 channels ,9 servos

# REQUIRED FOR OPERATION (Purchase separately)

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

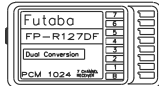


CAUTION: Only use a minimum 6channel radio for airplanes! (No other radio may be used!)

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:50-80cc gas engine



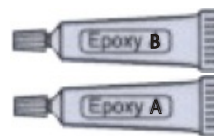
Muffler



Ignition



- 5 Glue



Epoxy Glue



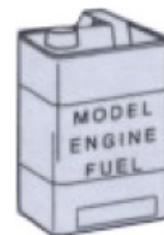
Instant glue

- 6 required for engine starting



WARNING: Normal gasoline cannot be used with glow engines.

Glow engine fuel only.



Fuel Pump



Plug Wrench

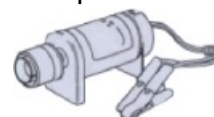
- 7 Silicone Tube



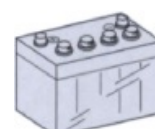
Fuel Filter



- 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



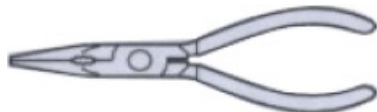
Phillips Screw Driver



Awl



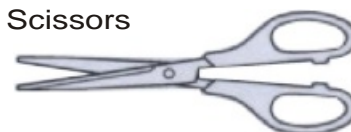
Needle Nose Pliers



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.



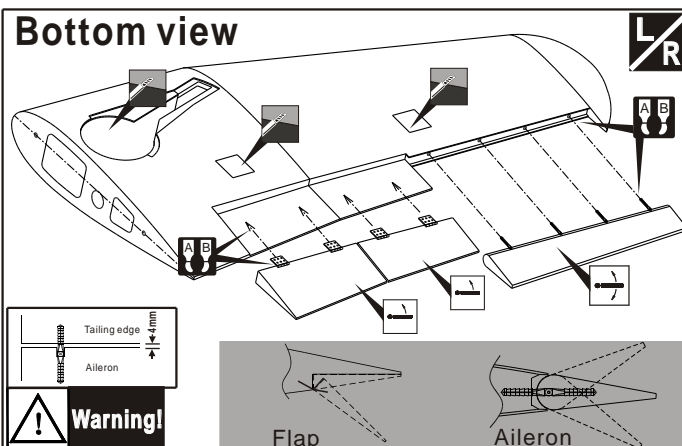
## Accessory list for this page.

	HORN	4
	HORN	2
	4X30 Screw	4
	Rod adjuster	8
	Connecting rod head	4
	2X10mm screw	8
	3X30mm screw	6
	2.5X85mm rod	4
	2.3X10mm Tp screw	16
	3X12mm TP screw	6
	Hinge	8
	Hinge	6
	600mm Steel wire	2

# 3

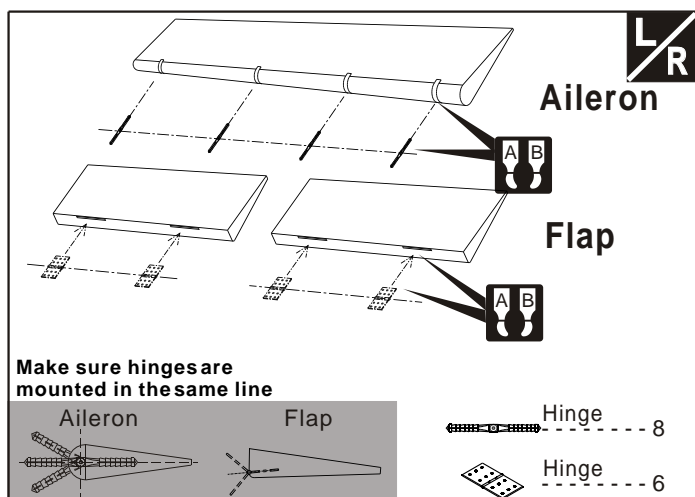
## Install the aileron and flap

### Bottom view



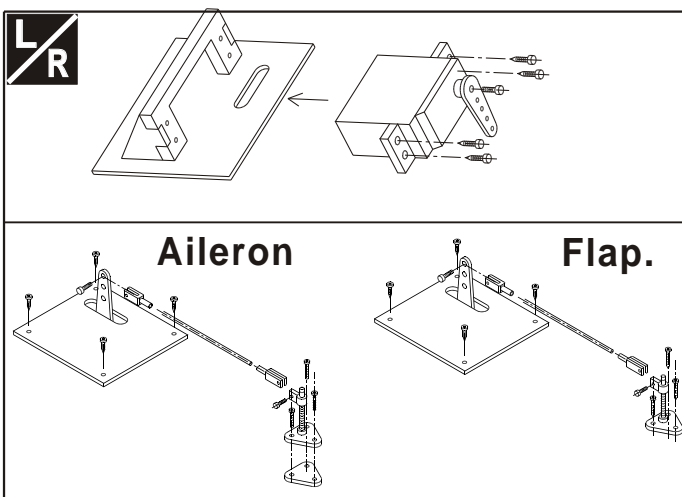
# 1

## Install the aileron and flap



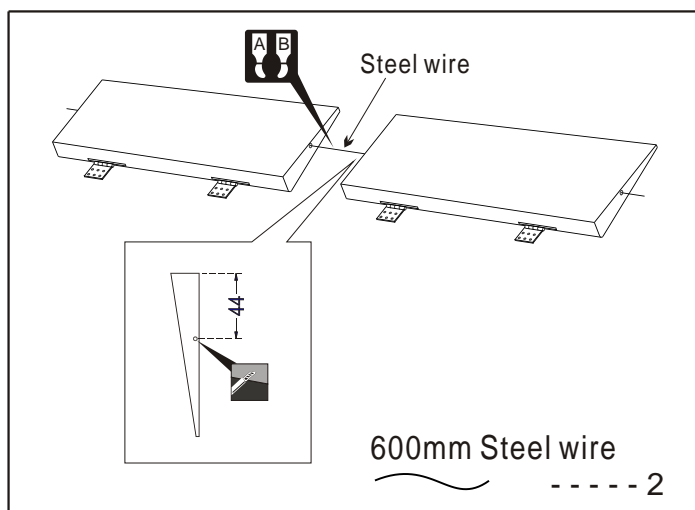
# 4

## Install the servo



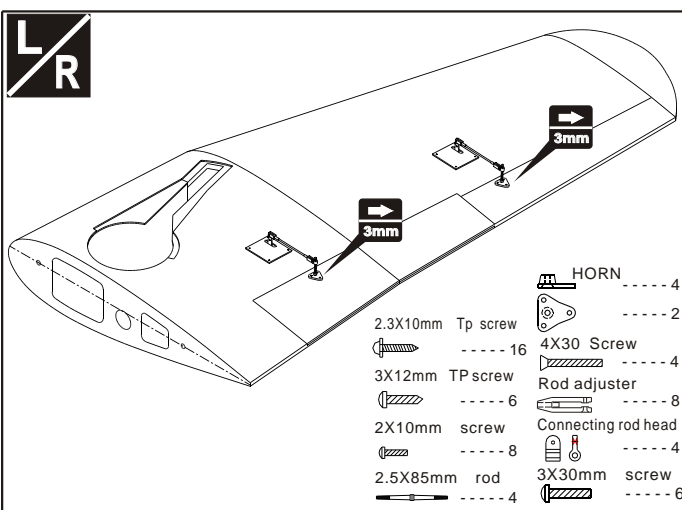
# 2

## Install the flap



# 5

## Install the servo of flap



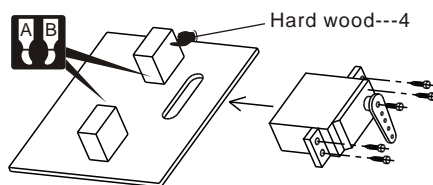


## Accessory list for this page.

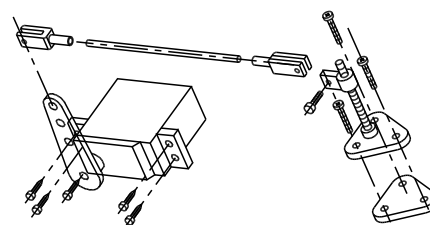
	HORN	2
	HORN	2
	4X30 Screw	2
	Rod adjuster	4
	Connecting rod head	2
	2X10mm screw	4
	3X45mm screw	3
	2.5X85mm rod	2
	2.3X10mm Tp screw	8
	3X25mm screw	6
	Hinge	10

# 8

## Install the elevator servos



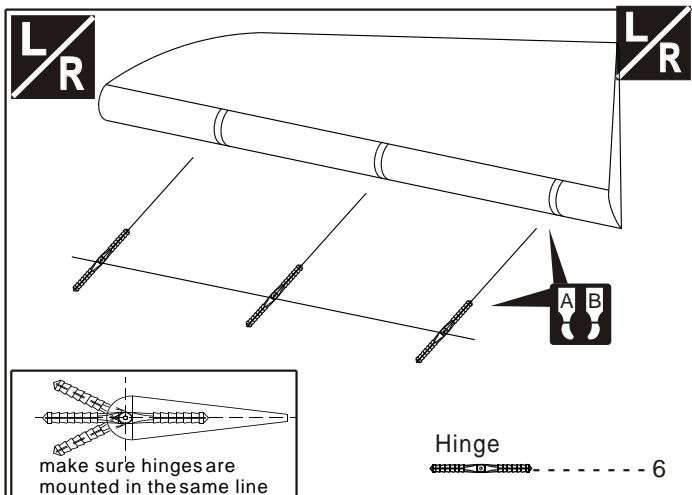
L/R



L/R

# 6

## Install the elevator

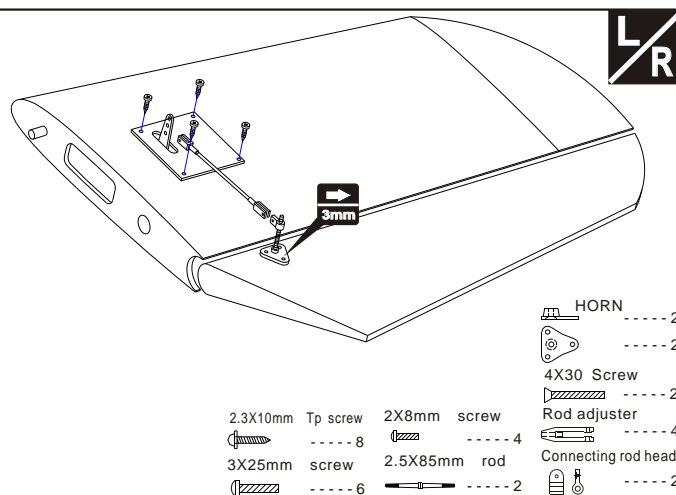


Hinge

----- 6

# 9

## Install the elevator servos

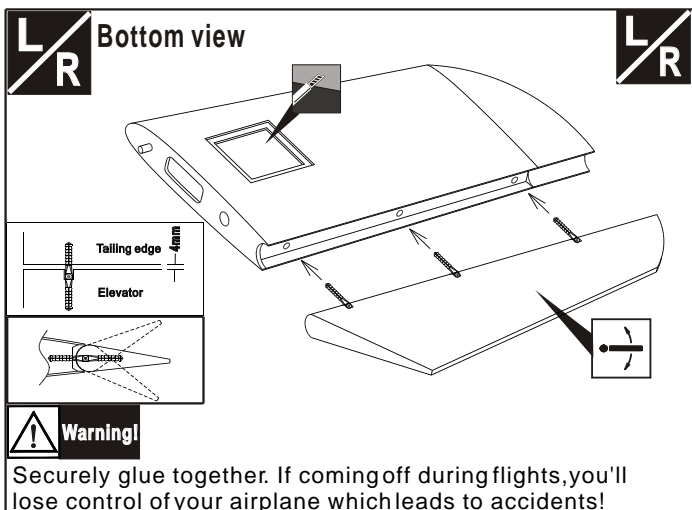


L/R

	HORN	2
	HORN	2
	4X30 Screw	2
	Rod adjuster	4
	Connecting rod head	2
	2.3X10mm Tp screw	8
	3X25mm screw	6
	2X8mm screw	4
	2.5X85mm rod	2

# 7

## Install the elevator

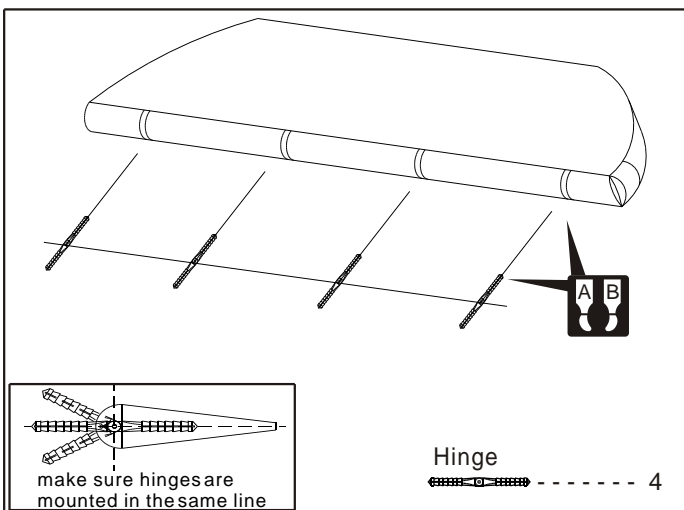


**Warning!**

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

# 10

## Install the rudder



Hinge

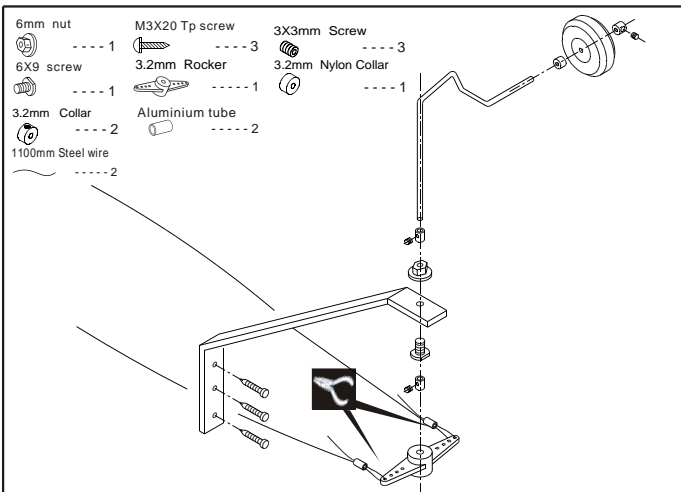
----- 4



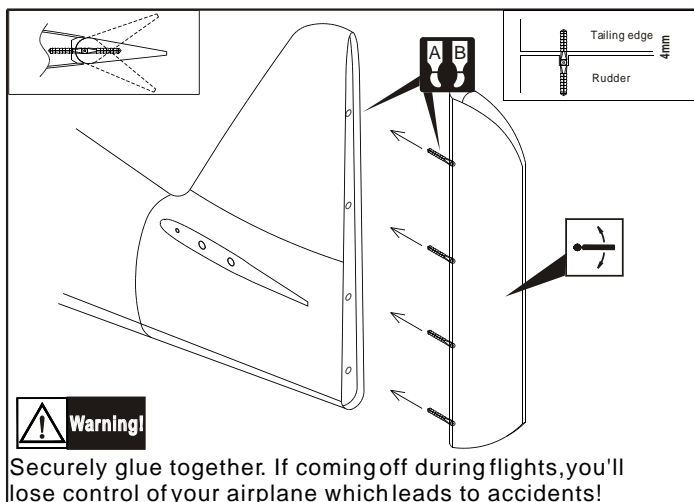
## Accessory list for this page.

	HORN	2		Aluminium tube	8
	4X30 Screw	2		6mm nut	1
	Rod adjuster	2		6X9 screw	1
	Connecting rod head	4		3.2mm Collar	2
	Rod	4		M3X20 Tp screw	3
	2X10mm screw	4		3.2mm Rocker	1
	3mm nut	6		3X3mm Screw	3
	3X45mm screw	3		3.2mm Nylon Collar	1
	1400mm Steel wire	2		1100mm Steel wire	2

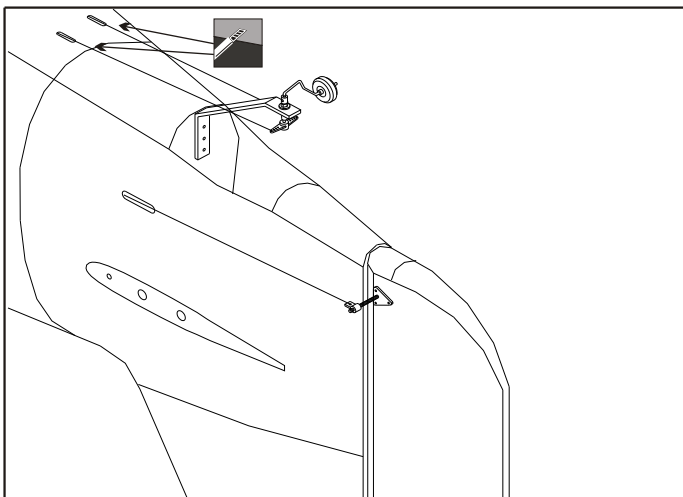
## 13 Install the tail wheel



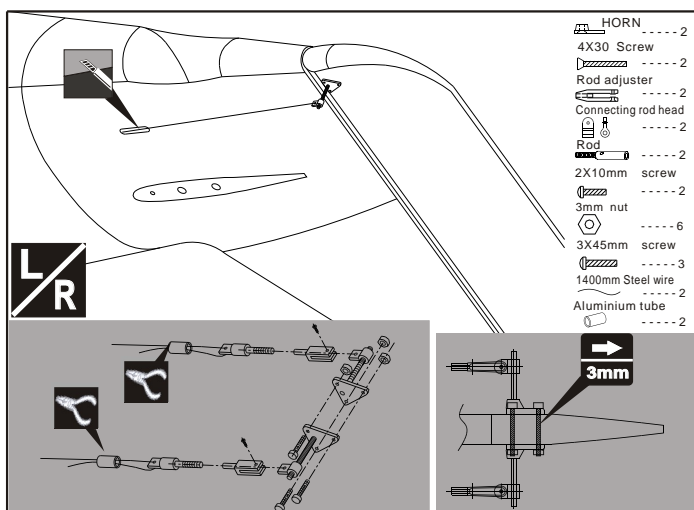
## 11 Install the rudder



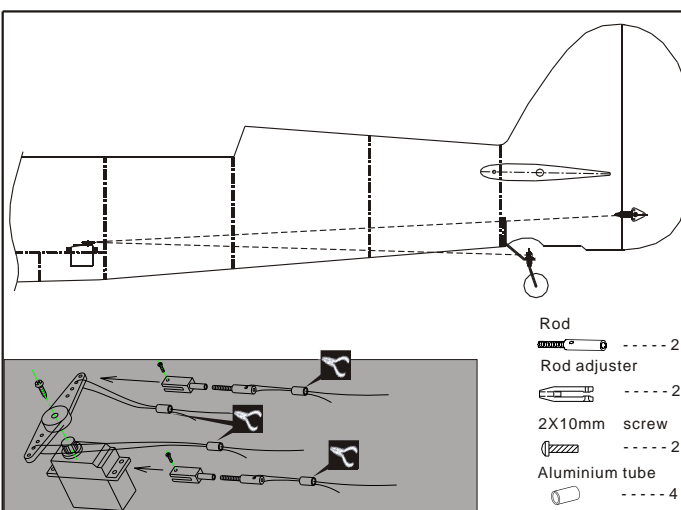
## 14 Install the tail wheel



## 12 Install the rudder servos



## 15 Install the servos of rudder & tail wheel



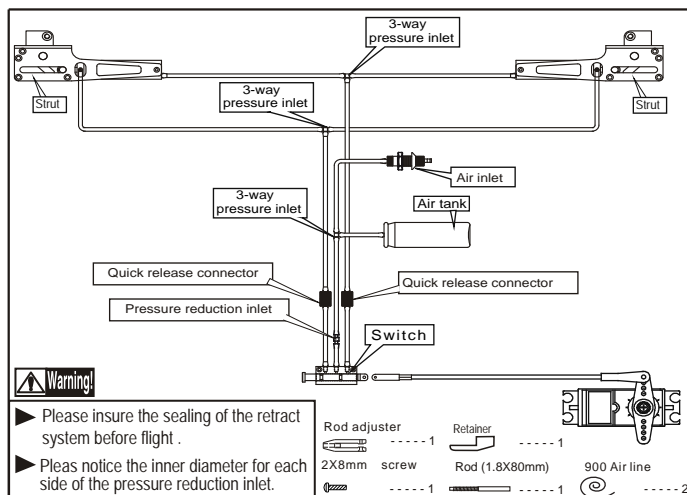




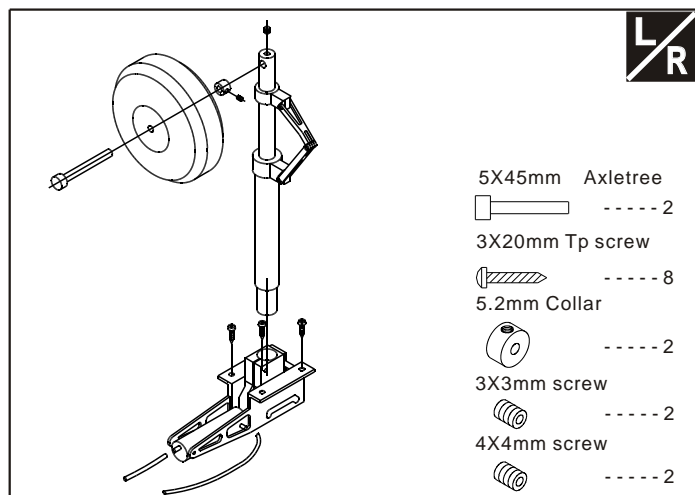
## Accessory list for this page.

	5X45mm Axletree	2		8mm nylon Nut	4
	3X20mm Tp screw	8		Rod adjuster	1
	5.2mm Collar	2		2X10mm screw	1
	3X3mm screw	2		Retainer	1
	4X4mm screw	2		Rod (1.8X80mm)	1
	Plywood	2		900 Air line	2
				Plywood	4

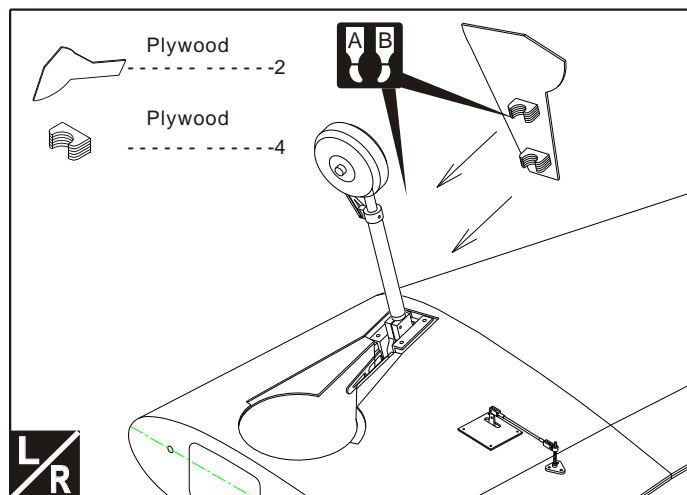
## 18 Install the main landing gear



## 16 Install the main landing gear

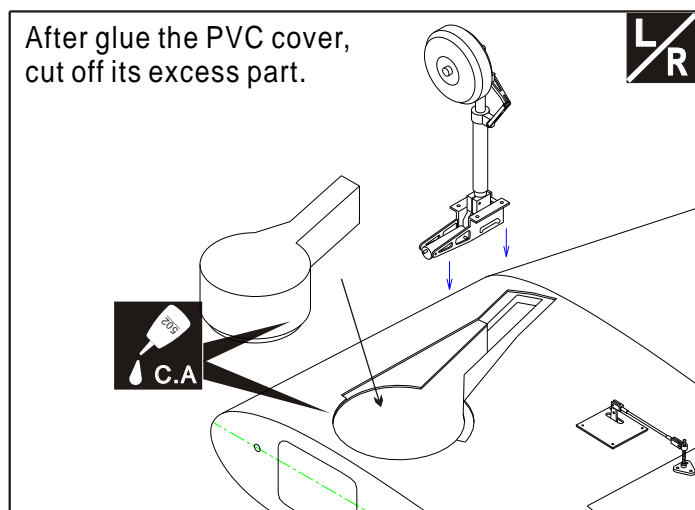


## 19 Install the main landing gear

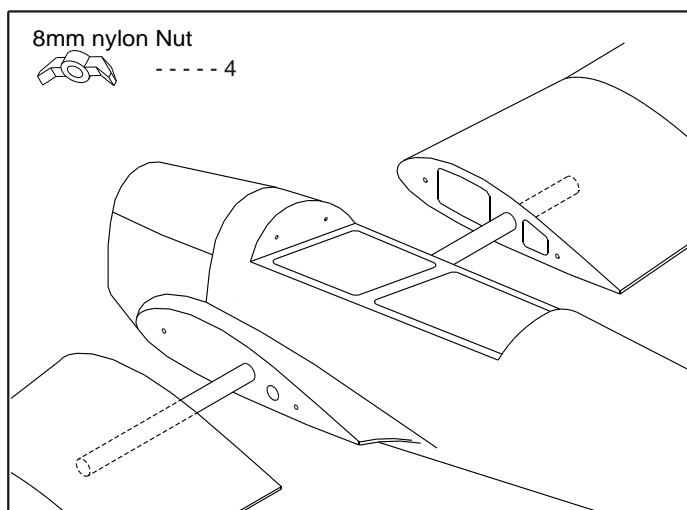


## 17 Install the main landing gear

After glue the PVC cover, cut off its excess part.



## 20 Main wing

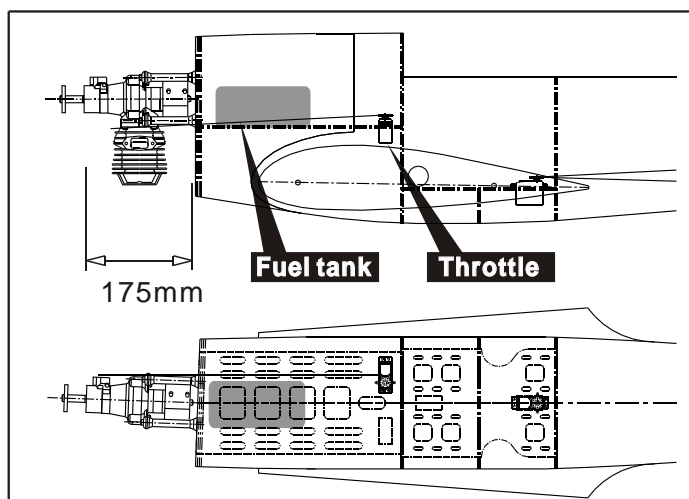




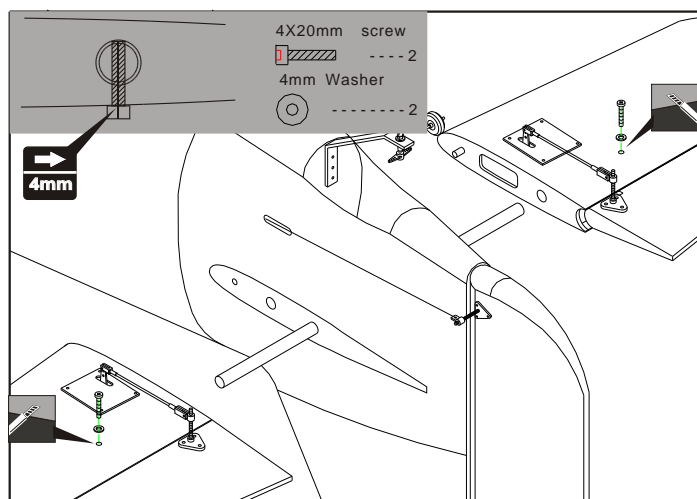
## Accessory list for this page.

	4X20mm screw	2
	Linkage Stopper	1
	2mm Nut	1
	4mm Washer	2
	1.8X400mm Rod	1
	3X3mm Screw	1

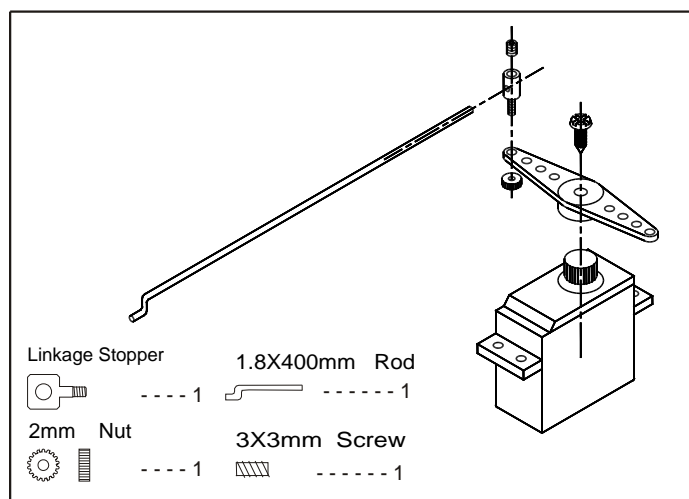
## 23 Installing the engine (50-80cc)



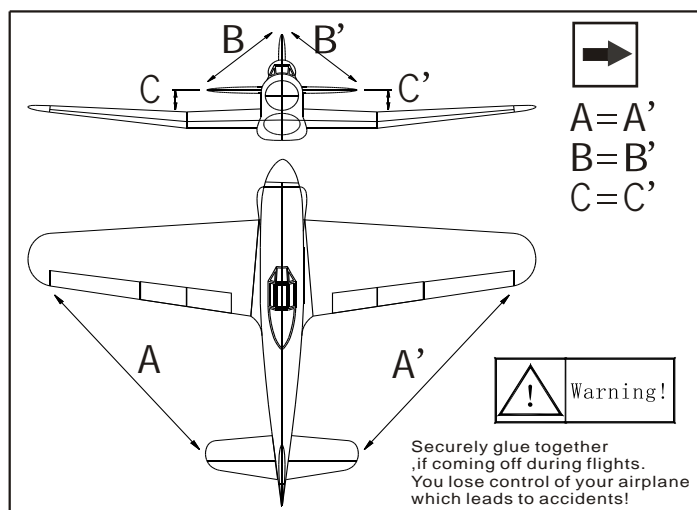
## 21 Horizontal (Put the servo into the fuselage)



## 24 Install the throttle servo

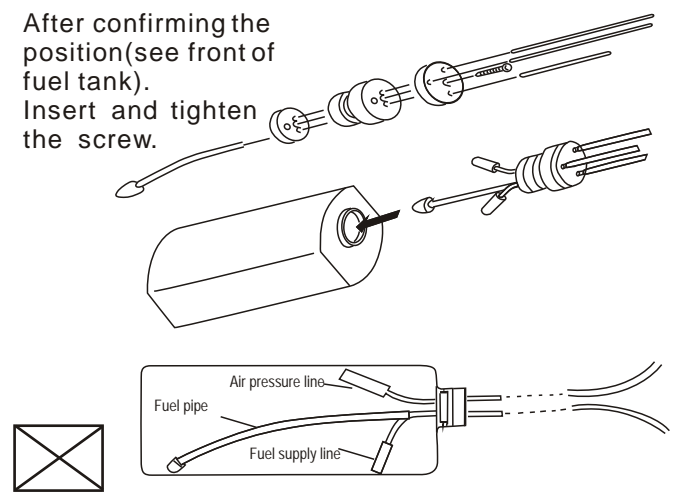


## 22 Main wing&Horizontal/Vertical tail



## 25 Assembly of the full tank

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

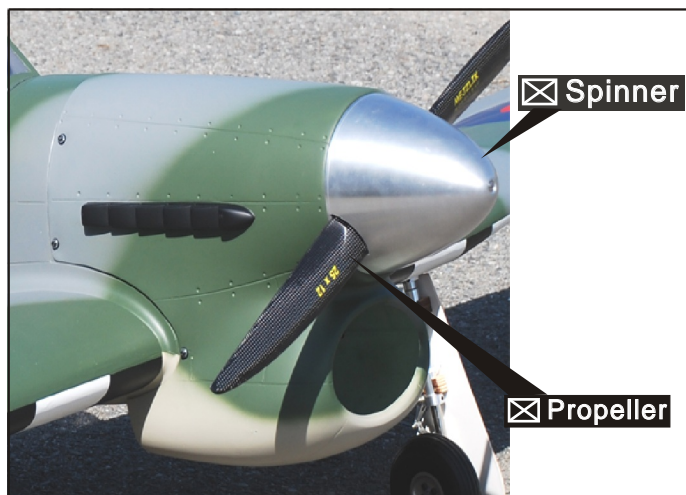




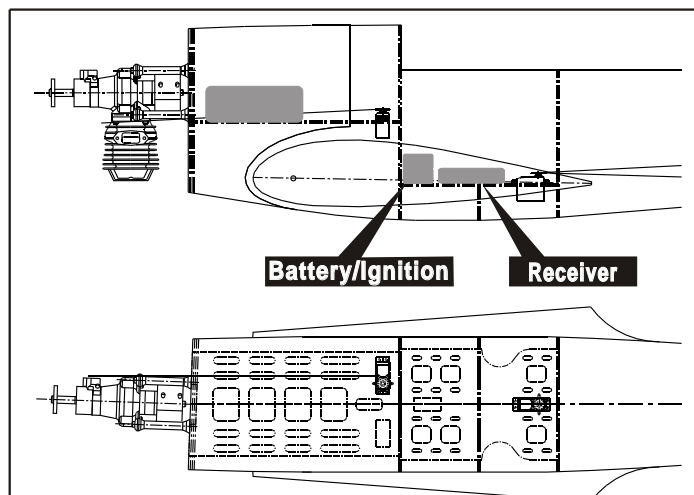
## Accessory list for this page.

	3X30mm screw	2
	3X16mm screw	6
	3mm Bind nut	6
	3mm Washer	8
	3mm rubber band	8
	6mm Playwood	6
	2.3X10Tp screw	6

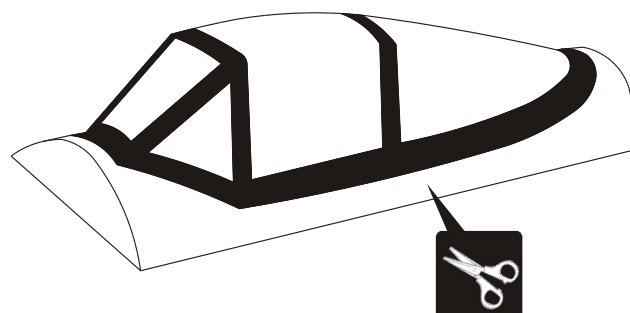
## 28 Install the thr cowling



## 26 Radio Equipment

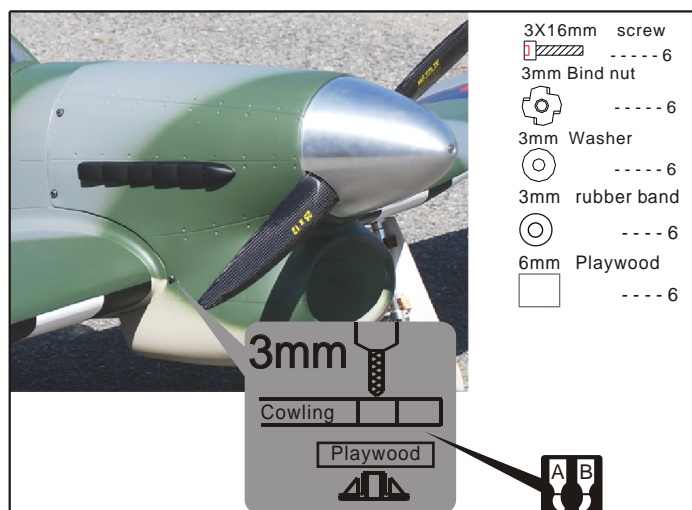


## 29 Install the canopy

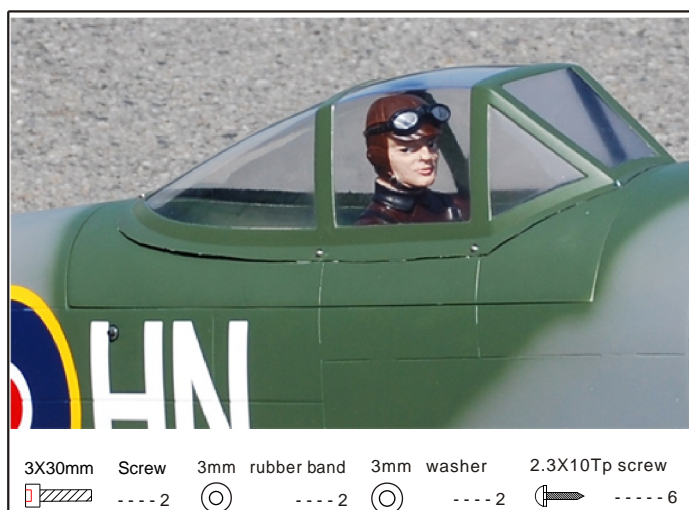


Cut away the surplus parts of canopy, carefully along the shaded line.

## 27 Install the thr cowling



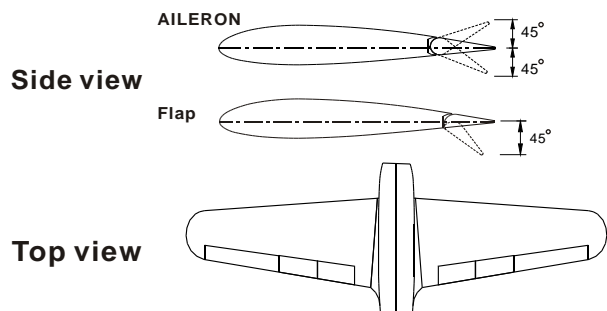
## 30 Install the canopy





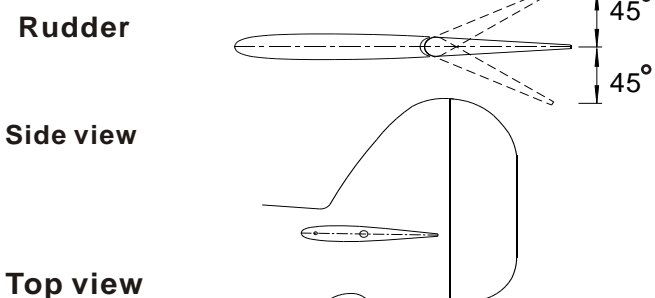
## 31 Adjustment.

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.



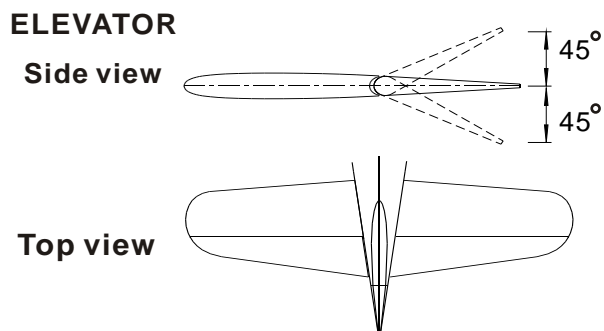
## 33 Adjustment

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.



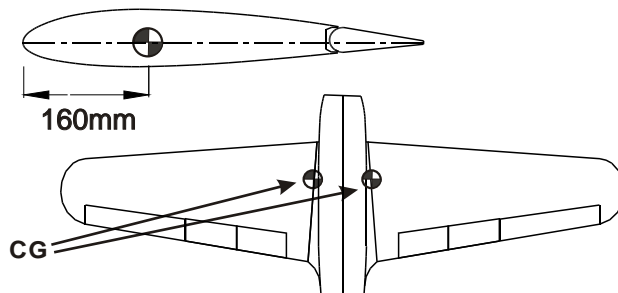
## 32 Adjustment.

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.**