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# Gee Bee V2

Item Nr: CY8006B



## 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 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: 77.3 dm<sup>2</sup> (1198.5 sq.in)  
Total Length: 2150 mm (184.5 in)  
Radio : 5 channels , 8-11 servos  
Engine : 50-100cc gas engine

# REQUIRED FOR OPERATION (Purchase separately)

- 1** A minimum 5-8channel radio for airplanes (with 8-11servos). And dry batteries.

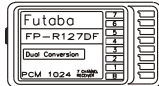


**CAUTION:** Only use a minimum 5-8channel radio for airplanes! (No other radio may be used!)

A minimum 5 channel transmitter for airplanes.



12 AA-size Batteries




5 Channel receiver



remote control

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

- 2** Battery (need 2)  Switch (need 2) 

- 3** Servo(need 8-11) 

- 4** Engine and Muffler  
Model Airplane engine:50-100cc gas engine






Muffler



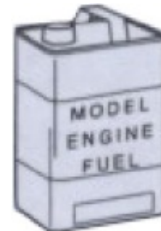
Muffler



- 5** Glue    
Epoxy Glue Instant glue

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

Glow engine fuel only.



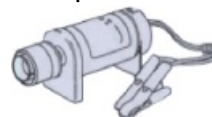
Fuel Pump



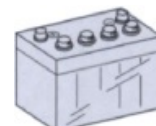
Plug Wrench

- 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   
26X10----28X10  
26X12----28X12

## TOOLS REQUIRED ( Purchase separately)

Sharp Hobby Knife



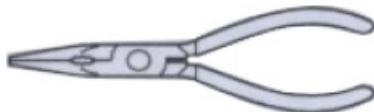
Phillips Screw Driver



Awl



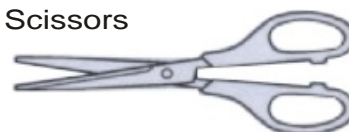
Needle Nose Pliers



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.

3X12mm Tp screw



----- 6

3X30mm screw



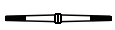
----- 12

2X10mm screw



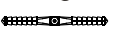
----- 12

2.5X85mm rod



----- 6

Hinge



----- 18

Hinge



----- 6

HORN



----- 6



----- 4

4X30 Screw



----- 6

Rod adjuster



----- 12

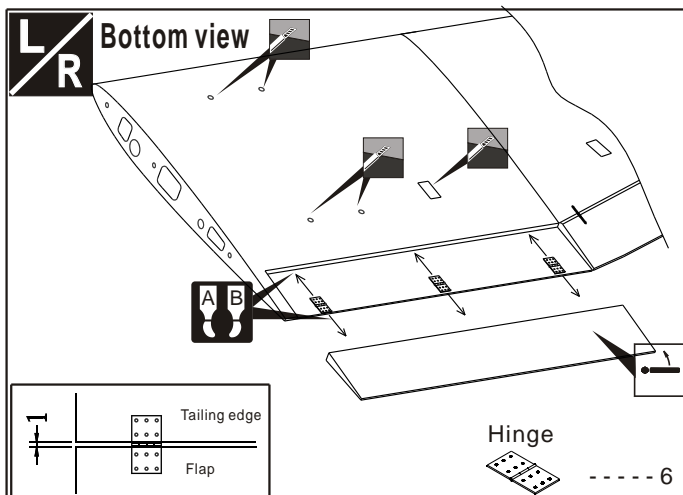
Connecting rod head



----- 6

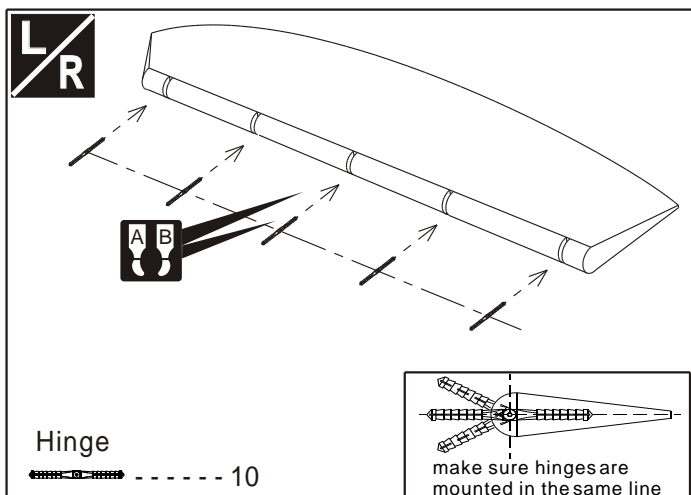
# 3

## Install the flap



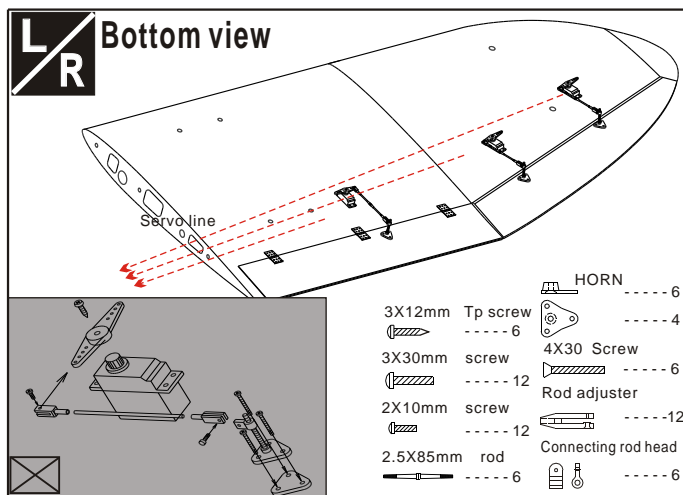
# 1

## Install the aileron



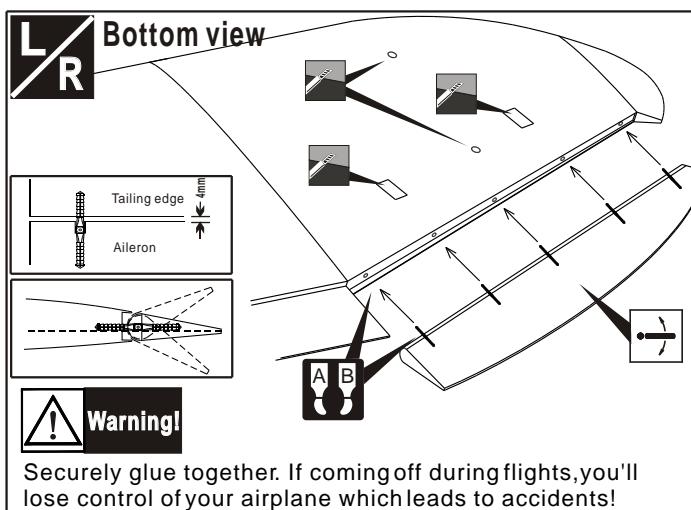
# 4

## Install the servos of aileron and flap



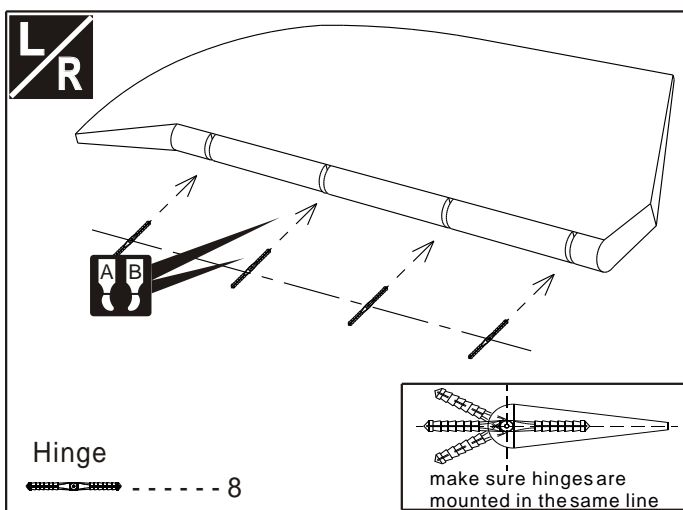
# 2

## Install the aileron



# 5

## Install the elevator

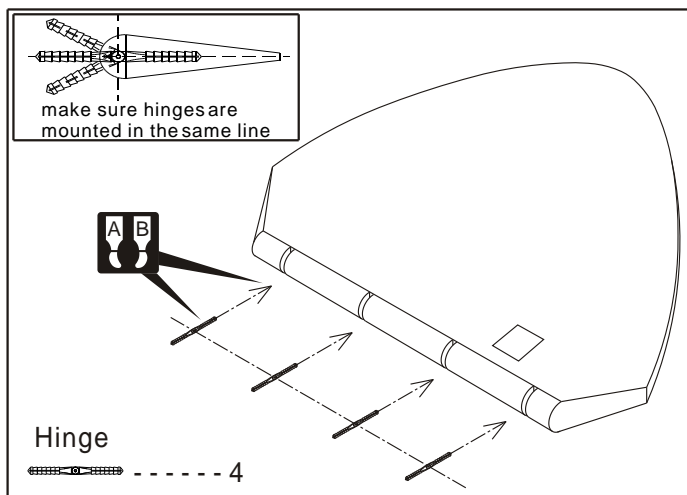




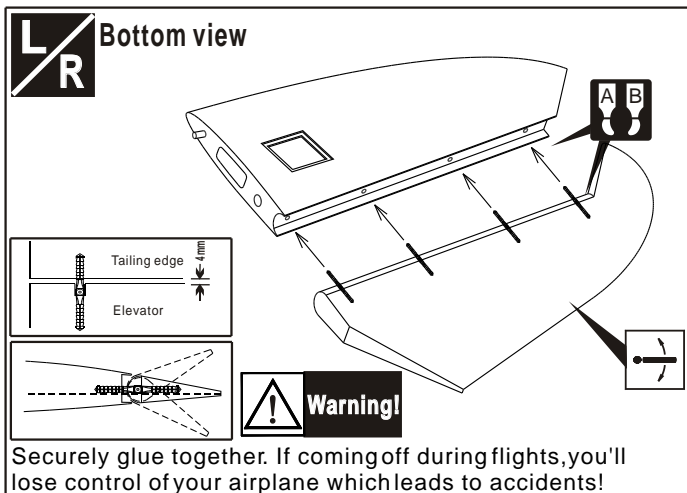
## Accessory list for this page.

	2	5X30mm screw	
	2		4
	2		4
	4		4
	2		6
	2		4
	2		2

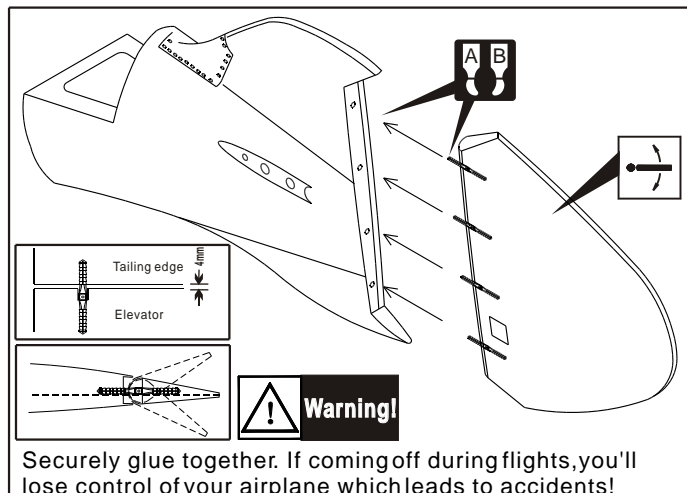
## 8 Install the rudder



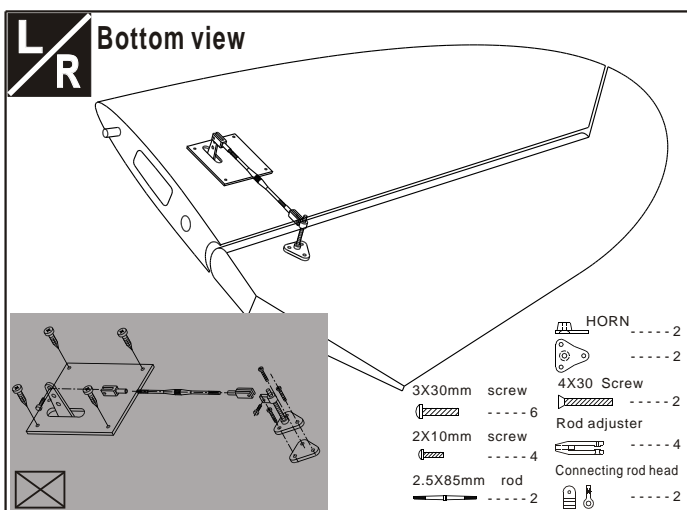
## 6 Install the elevator



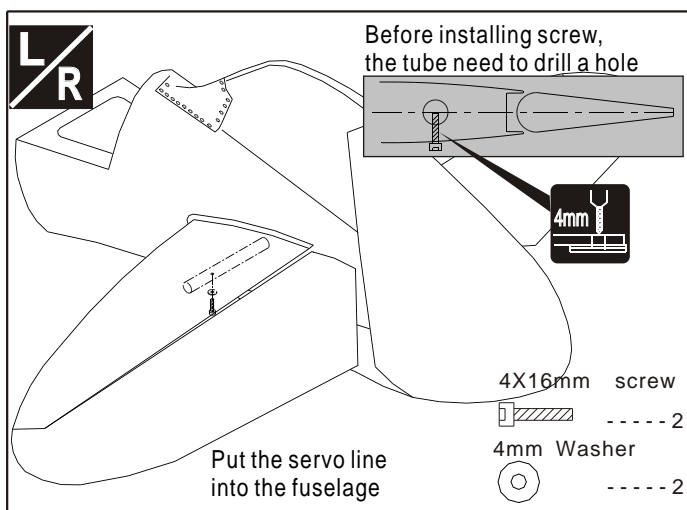
## 9 Install the rudder



## 7 Install the elevator servos



## 10 Install the elevator







## Accessory list for this page.

### HORN

4X30 Screw ----- 2

Rod adjuster ----- 2

Connecting rod head ----- 4

2X8mm screw ----- 4

Rod ----- 4

M6 Nut ----- 1

1100mm Steel wire ----- 2

Aluminium tube ----- 4

3X45mm screw ----- 3

3mm nut ----- 3

3.2mm Nylon Collar ----- 2

3.2mm Collar ----- 3

M6X9 screw ----- 1

3.2mm Rocker ----- 1

3X3mm Screw ----- 3

150mm spring ----- 2

3X20Tp screw ----- 3

4mm Washer ----- 4

4X16mm screw ----- 4

# 13

## Install the tail wheel



# 11

## Install the rudder servos

2X8mm screw ----- 2

Rod ----- 2

1100mm Steel wire ----- 2

Aluminium tube ----- 2

HORN ----- 2

4X30 Screw ----- 2

Rod adjuster ----- 2

Connecting rod head ----- 2

3X45mm screw ----- 3

3mm nut ----- 3

3.2mm Nylon Collar ----- 2

3.2mm Collar ----- 3

3.2mm Rocker ----- 1

3X3mm Screw ----- 3

150mm spring ----- 2

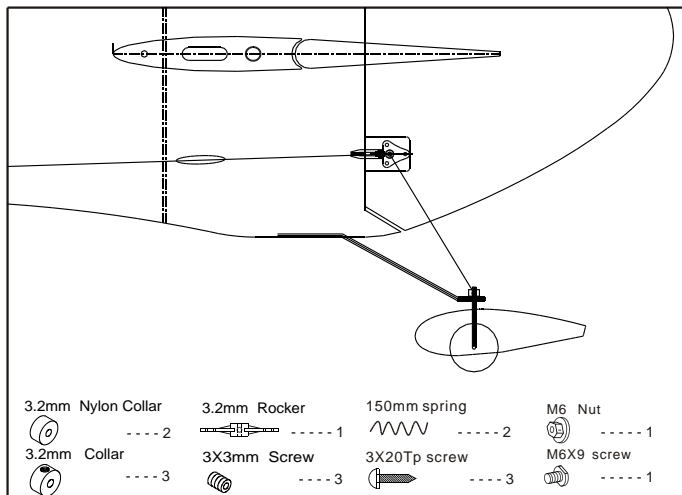
3X20Tp screw ----- 3

M6 Nut ----- 1

M6X9 screw ----- 1

# 14

## Install the tail wheel



# 12

## Install the rudder servos

Rod adjuster ----- 2

Connecting rod head ----- 2

2X8mm screw ----- 2

Rod ----- 2

Aluminium tube ----- 2

3.2mm Rocker ----- 1

3X3mm Screw ----- 3

150mm spring ----- 2

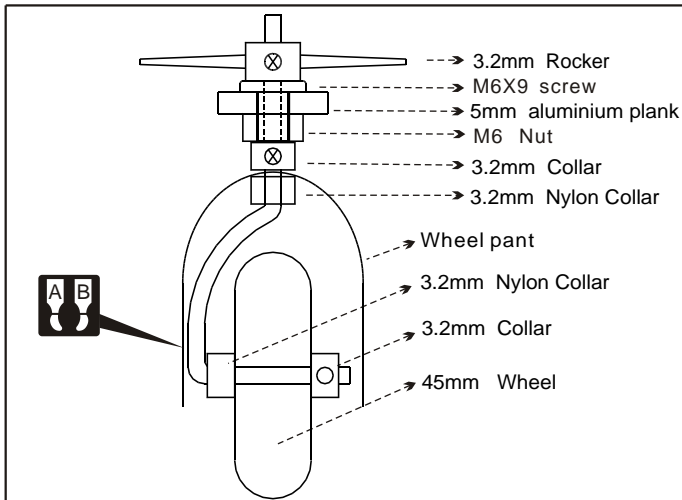
3X20Tp screw ----- 3

M6 Nut ----- 1

M6X9 screw ----- 1

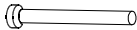










# 15

## Install the tail wheel

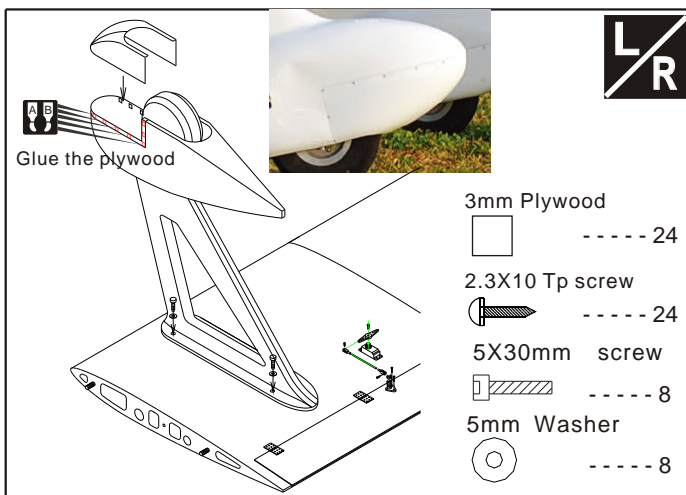




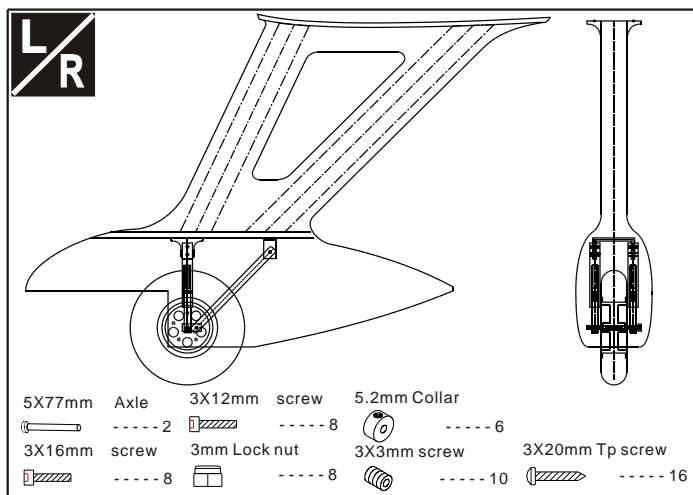
## Accessory list for this page.

5X77mm Axle	4X12mm screw
 ----- 2	 ----- 8
4X16mm screw	4mm Lock nut
 ----- 8	 ----- 8
5.2mm Collar	5X30mm screw
 ----- 6	 ----- 14
3X3mm screw	5mm Washer
 ----- 10	 ----- 14
3X20mm Tp screw	2.3X10 Tp screw
 ----- 18	 ----- 24
3mm Plywood	
 ----- 24	

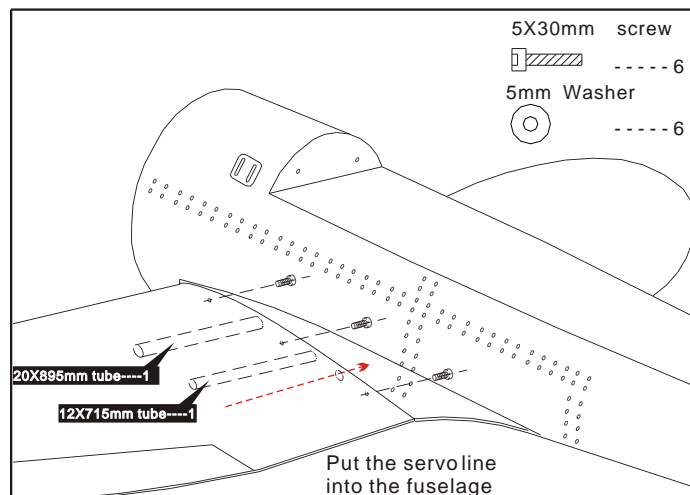
## 18 Install the main landing gear



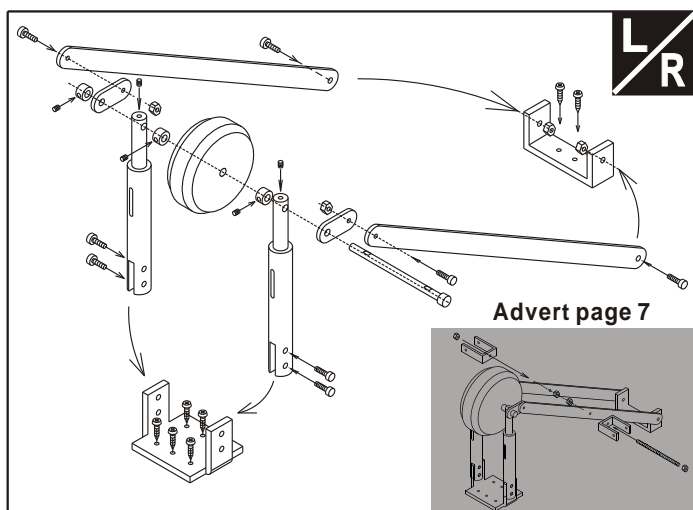
## 16 Install the main landing gear



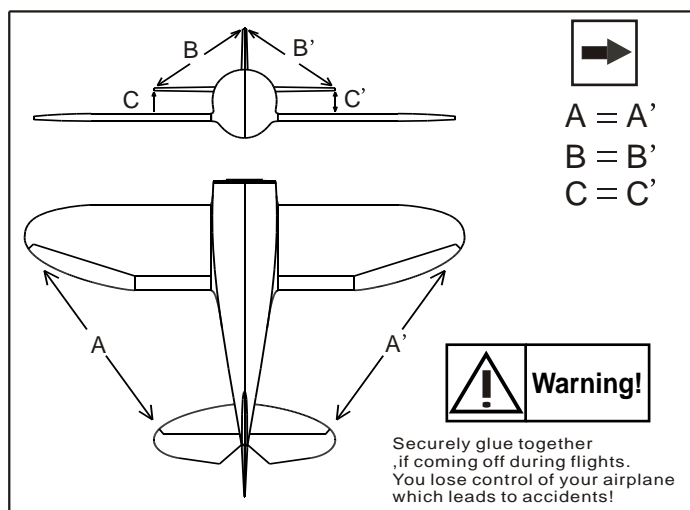
## 19 Main wing



## 17 Install the main landing gear



## 20 Horizontal/Vertical tail





## Accessory list for this page.

### Rod adjuster

2X8mm screw ----- 16

2X8mm screw ----- 16

Rod ----- 16

900mm Steel wire ----- 4

750mm Steel wire ----- 4

600mm Steel wire ----- 4

3X12mm Tp screw ----- 2

### Aluminium tube

Aluminium tube ----- 24

Linkage stopper ----- 8

3X40mm screw ----- 2

4X85mm screw ----- 2

4mm Lock nut ----- 8

3mm Lock nut ----- 2

# 23

## Strengthen the main wing and landing gear

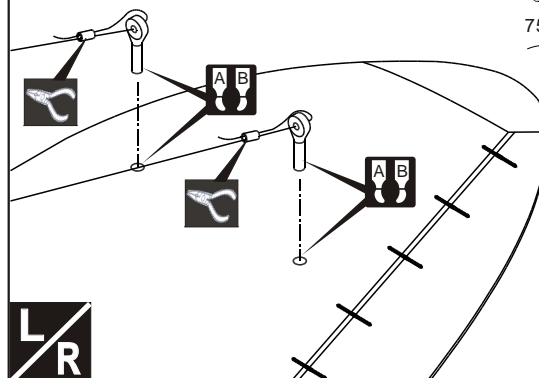
### Top and bottom

#### Linkage stopper

Linkage stopper ----- 8

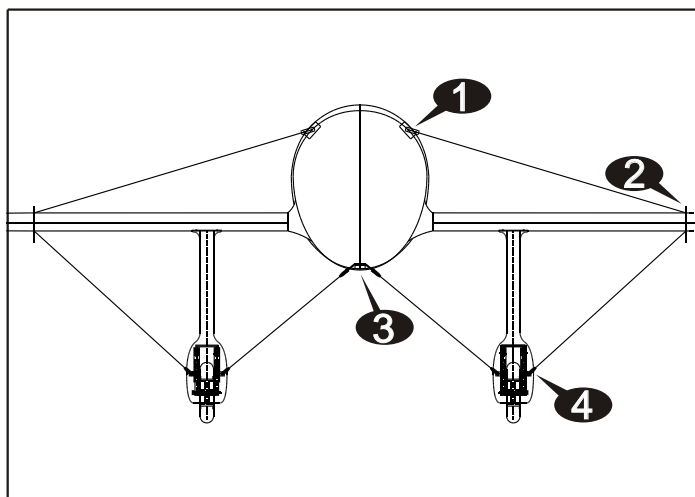
Aluminium tube ----- 8

750mm Steel wire ----- 4



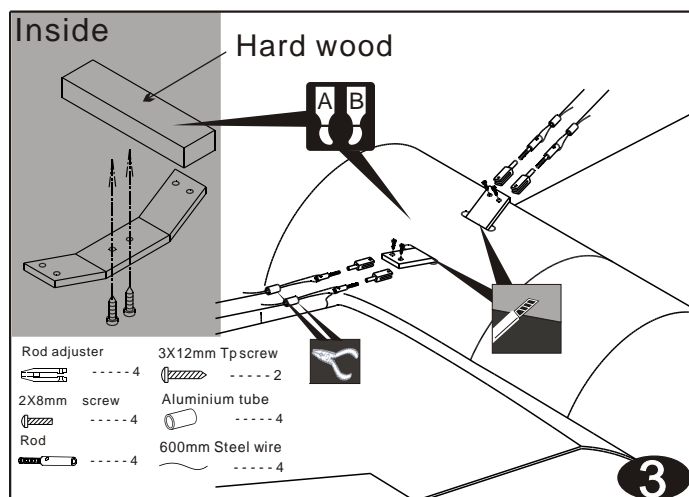
# 21

## Strengthen the main wing and landing gear



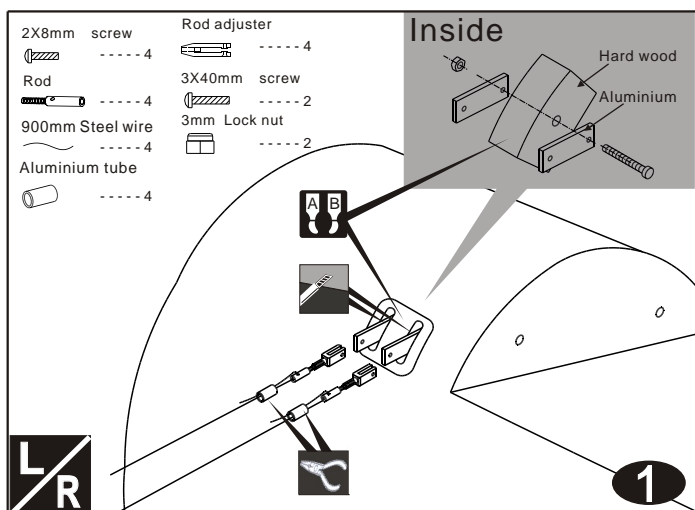
# 24

## Strengthen the main wing and landing gear



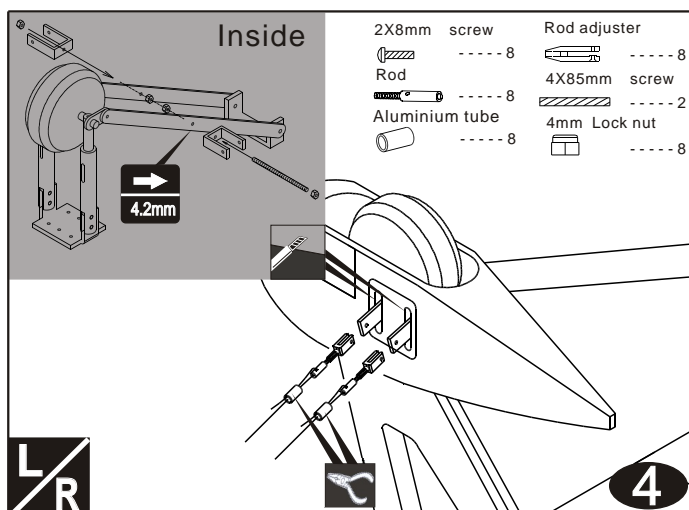
# 22

## Strengthen the main wing and landing gear



# 25

## Strengthen the main wing and landing gear





## Accessory list for this page.

3X20mm screw



-----14

3mm Lock nut



-----14

3mm Washer



-----28

Aluminium plank



-----2

Linkage Stopper



-----1

2mm Nut



-----1

1.8X250mm Rod



-----1

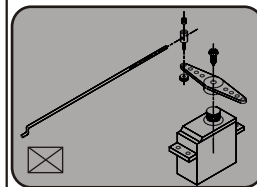
3X3mm Screw



-----1

## 28

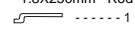
## Install the engine(150-250CC)



Linkage Stopper



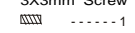
1.8X250mm Rod



2mm Nut



3X3mm Screw



## 26

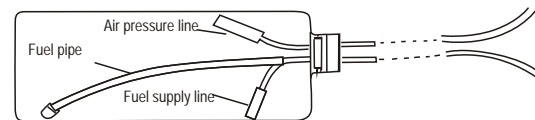
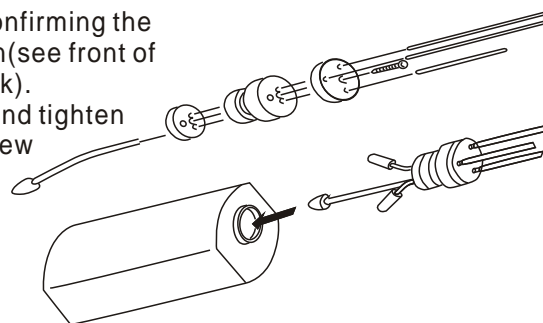
## Strengthen the main wing and landing gear



## 29

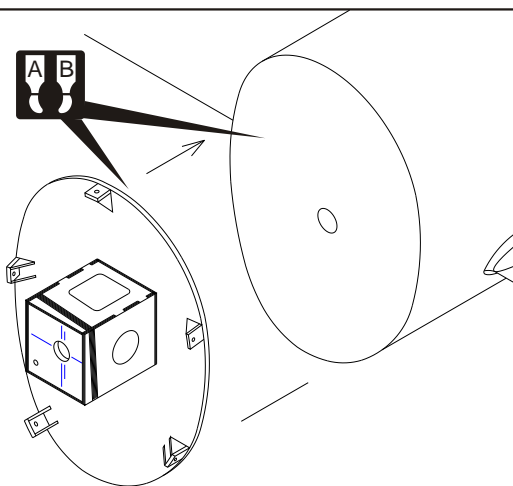
## Assembly of the fuel tank

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



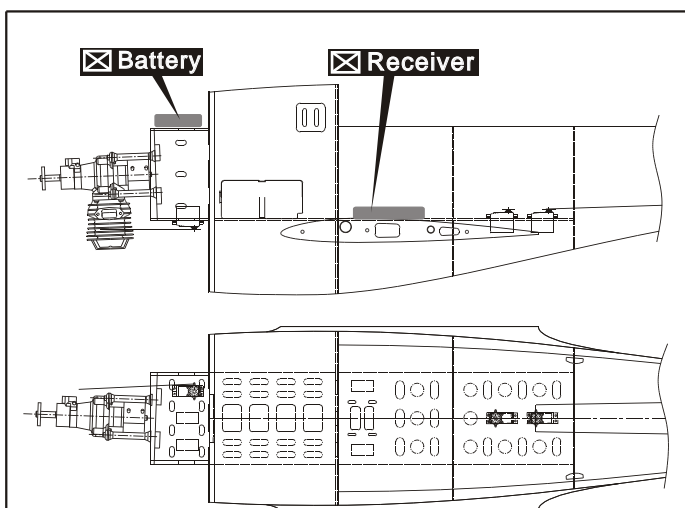
## 27

## Install the engine mount



## 30

## Radio Equipment

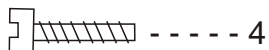




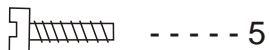


## Accessory list for this page.

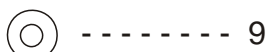
3X30mm Screw



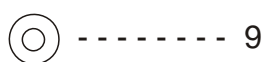
3X12mm Screw



3mm rubber band

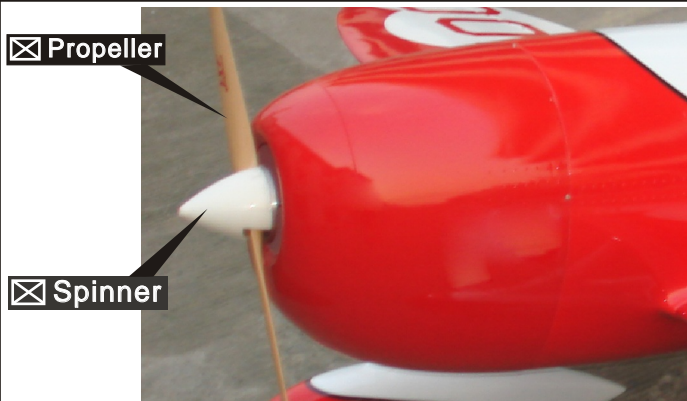


3mm washer

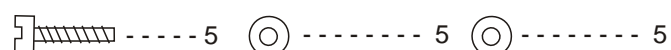


# 33

## 31 Install the cowling



3X12mm Screw 3mm rubber band 3mm washer



# 34

## 32 Install the canopy

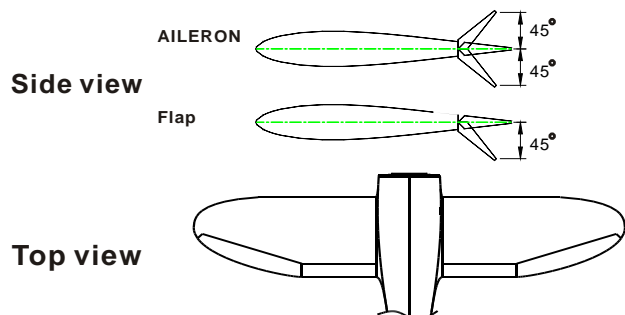
3X30mm Screw 3mm rubberband 3mm washer



# 35

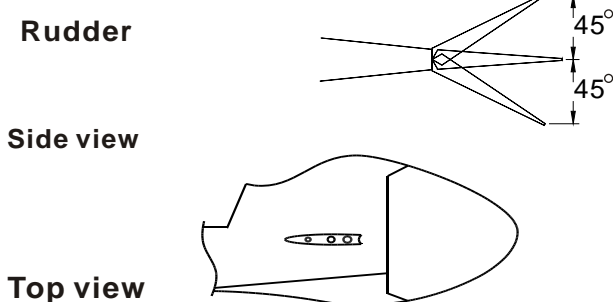
## 36 Adjustment.

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.



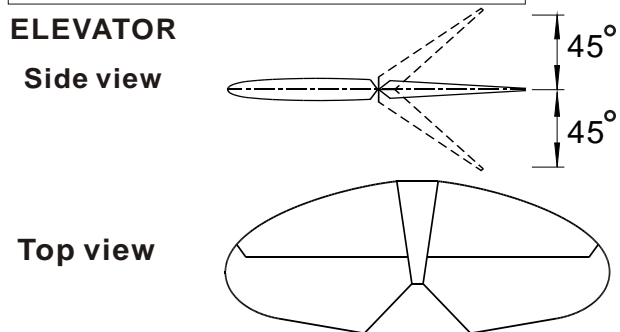
## 38 Adjustment

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.

