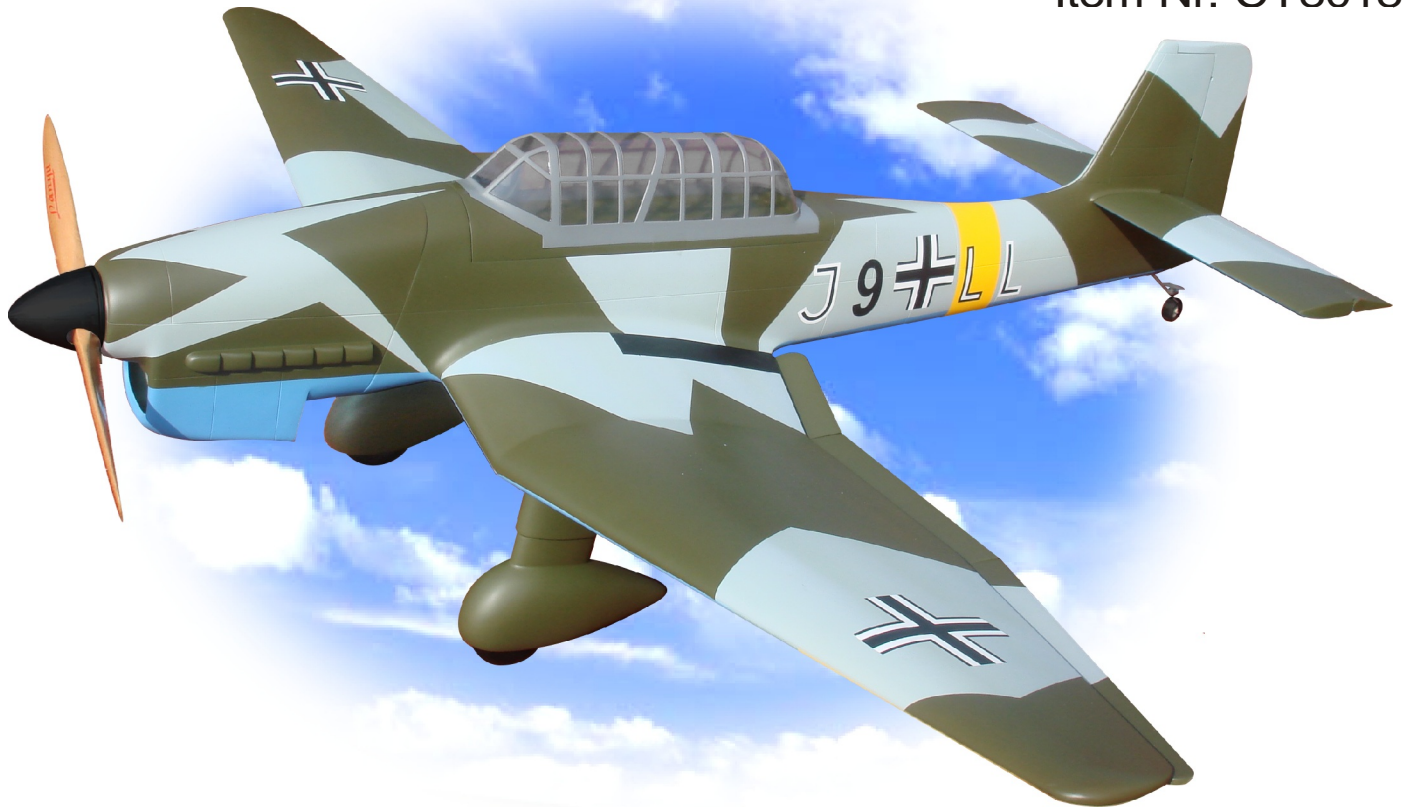


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# Ju87 stuka

Item Nr: CY8018



## 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: 2540mm (100in)  
Wing Area: 94.5dm<sup>2</sup> (1463.5sq.in)  
Total Length: 2000 mm (78.7 in)  
Engine :80cc gas engine  
Radio : 5-6 channels ,10 servos

# REQUIRED FOR OPERATION (Purchase separately)

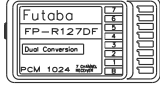
- 1** A minimum 5-6channel radio for airplanes (with 10 servos). And dry batteries.

**CAUTION:** Only use a minimum 5-6channel 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 10 servos) 

- 4** Engine and Muffler  
Model Airplane engine: 80cc gas engine

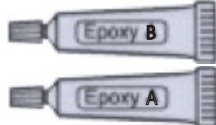
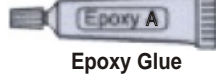




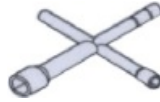
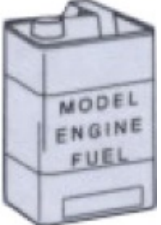
Muffler





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.

- 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



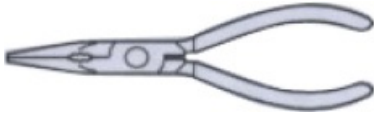
Phillips Screw Driver



Awl



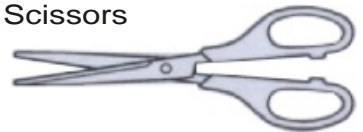
Needle Nose Pliers



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!


 **Warning!**


 Apply instant glue (CA glue, super glue).


 Ensure smooth non-binding movement while assembling.

 Pay close attention here!

Do not overlook this symbol.

 Assemble left and right Sides the same way.

 Cut off shaded portion.

 Cut off excess.



## Accessory list for this page.

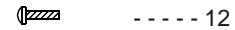
2.5X100mm rod



Rod adjuster



2X8mm screw



5X45mm Axletree



5.2mm Collar



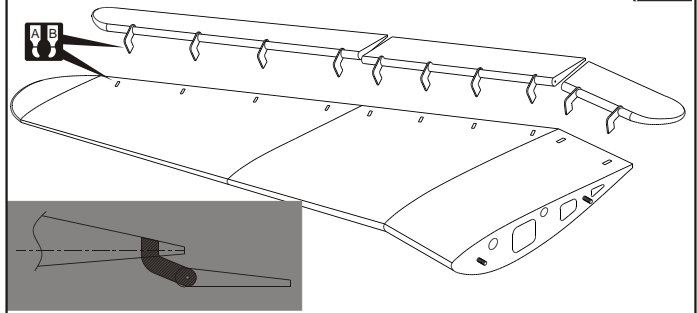
3X3mm screw



# 3

## Install the aileron and flap

### Bottom view

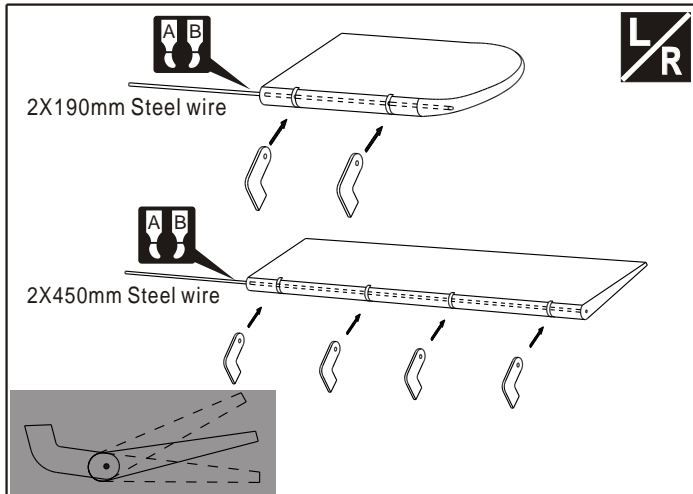


**Warning!**

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

# 1

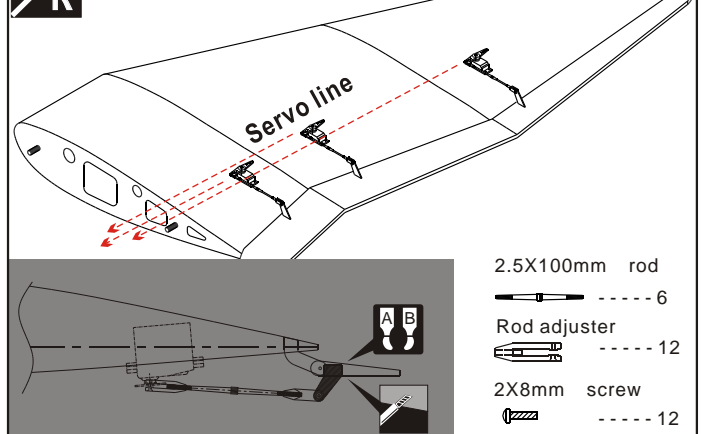
## Install the flap



# 4

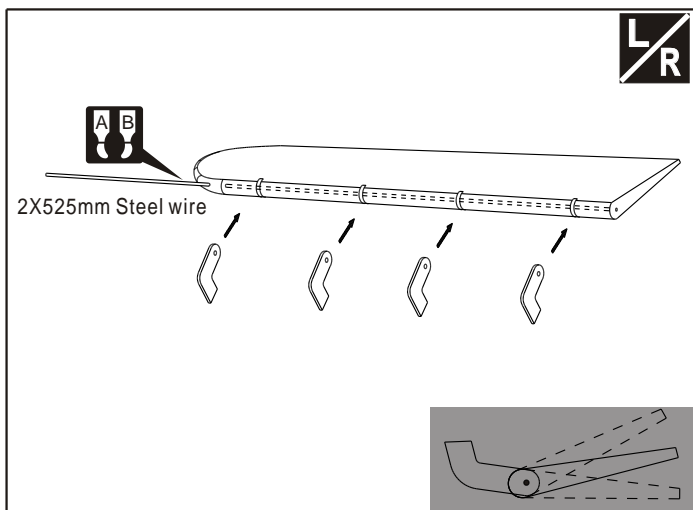
## Install the servo

### Bottom view



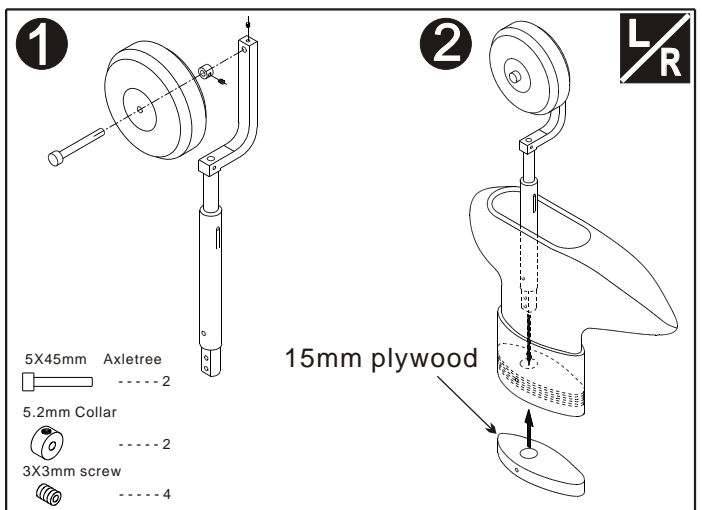
# 2

## Install the aileron



# 5

## Install the main landing gear





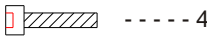
## Accessory list for this page.

4X50mm screw



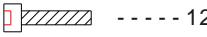
----- 2

4X25mm screw



----- 4

4X20mm screw



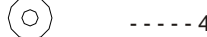
----- 12

4mm Lock nut



----- 6

4mm Washer



----- 4

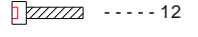
8mm Nut



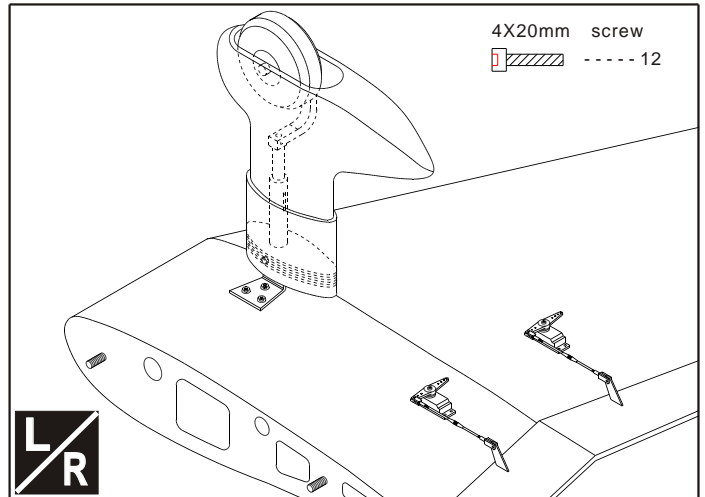
----- 4

# 8

4X20mm screw

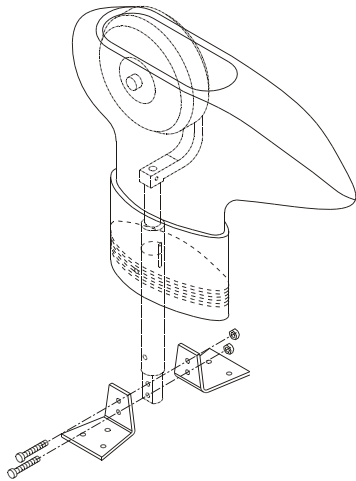


----- 12



## 6 Install the main landing gear

### 3



4X25mm screw



----- 4

4mm Lock nut



----- 4

## 9 Main wing

8mm Nut

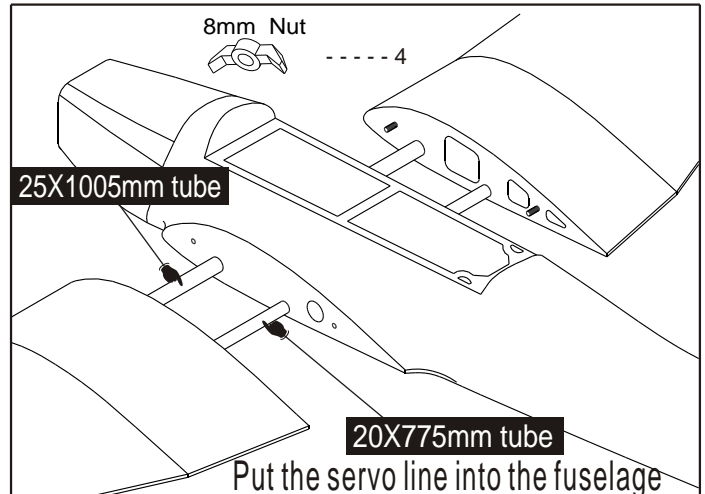


----- 4

25X1005mm tube

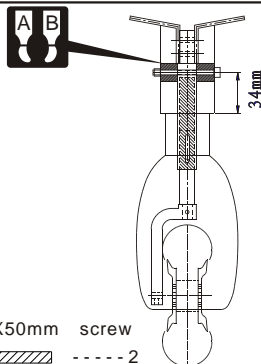
20X775mm tube

Put the servo line into the fuselage



## 7 Install the main landing gear

### 4



4X50mm screw



----- 2

4mm Lock nut



----- 2

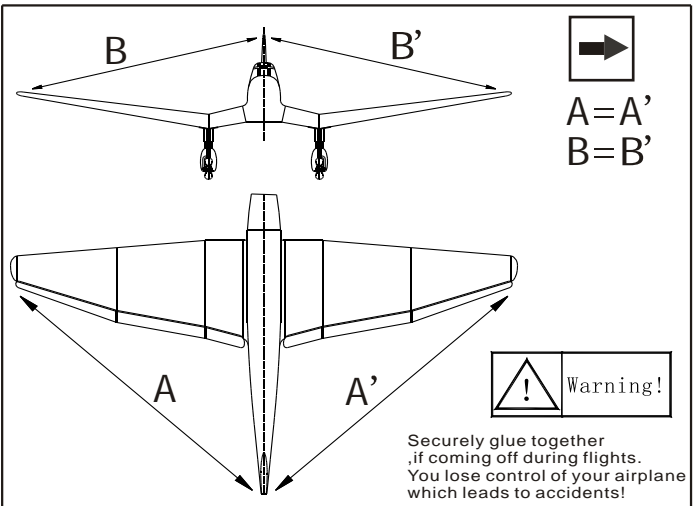
4mm Washer



----- 4



## 10 Main wing



A=A'  
B=B'



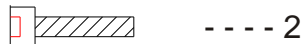
Warning!

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

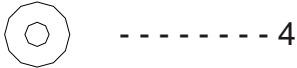


## Accessory list for this page.

4X30mm screw



4mm Washer



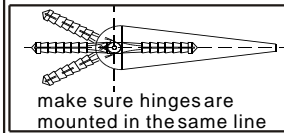
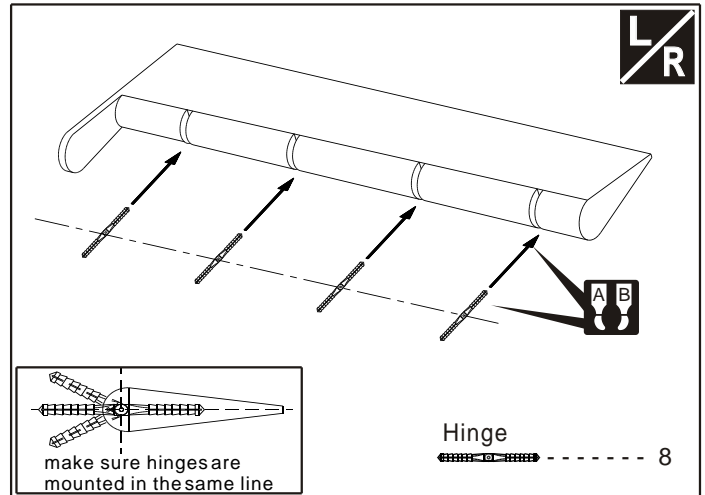
4mm Lock nut



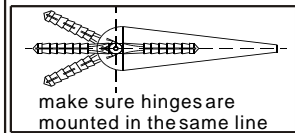
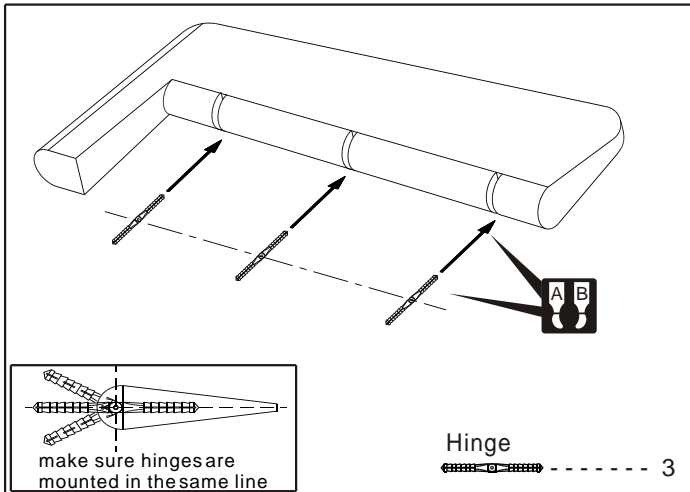
Hinge



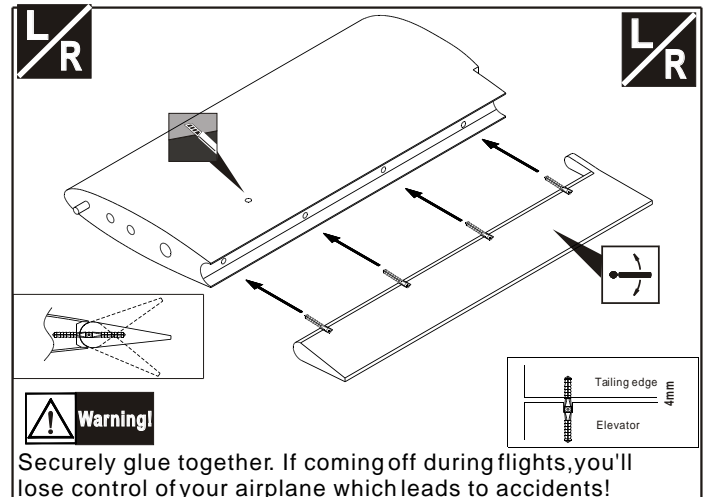
## 13 Install the elevator



## 11 Install the rudder

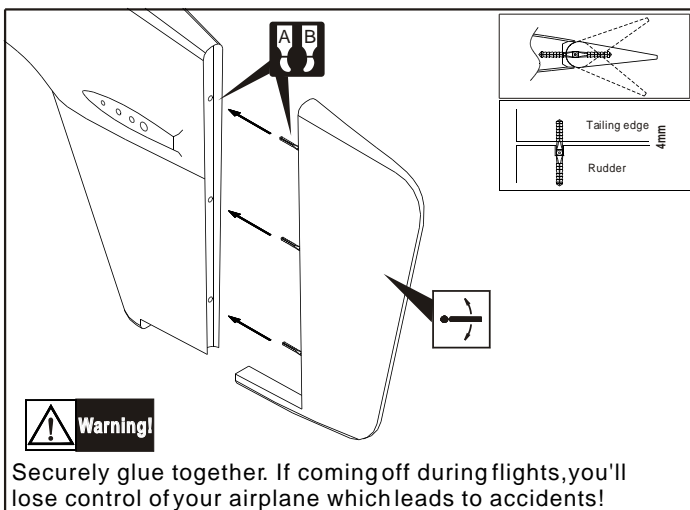


## 14 Install the elevator



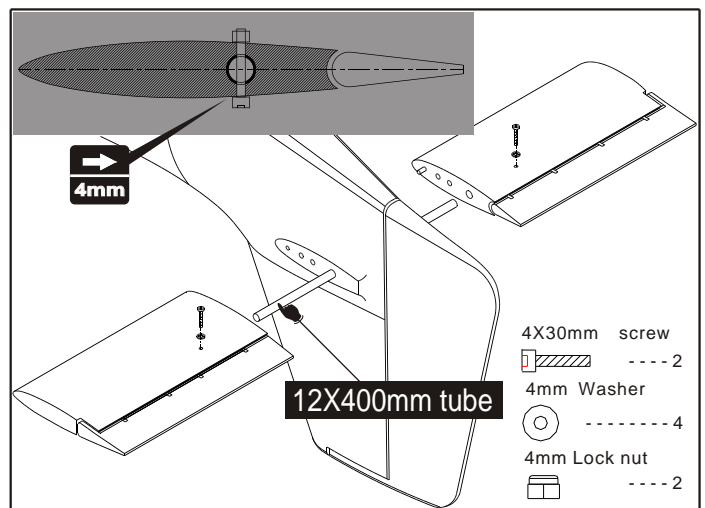
Securely glue together. If coming off during flights, you'll lose control of your airplane which leads to accidents!

## 12 Install the rudder



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

## 15



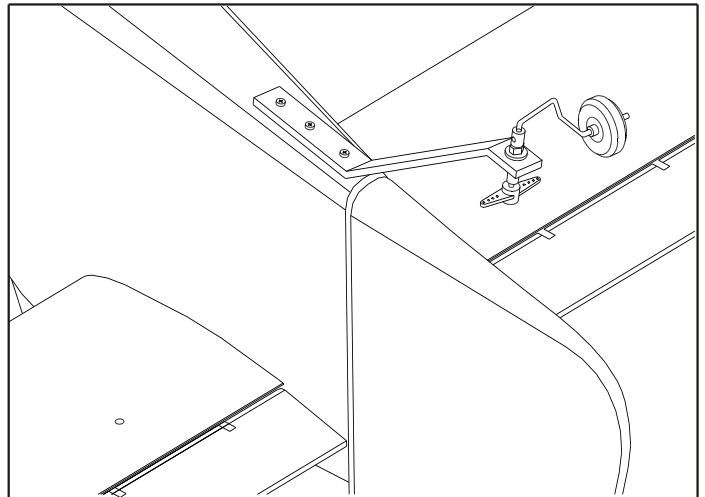




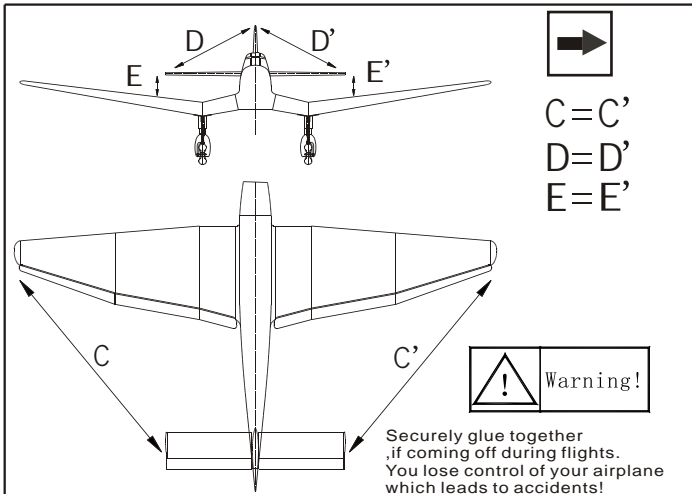
## Accessory list for this page.

6mm nut		----- 1		HORN	----- 2
6X9 screw		----- 1		4X30 Screw	----- 2
3X3mm Screw		----- 3		Rod adjuster	----- 4
3.2mm Nylon Collar		----- 1		Connecting rod head	----- 2
M3X20 Tp screw		----- 3		Rod	----- 4
3.2mm Rocker		----- 1		2X10mm screw	----- 4
3.2mm Collar		----- 2		3mm nut	----- 6
Aluminium tube		----- 4		3X40mm screw	----- 3
				1000mm Steel wire	----- 2

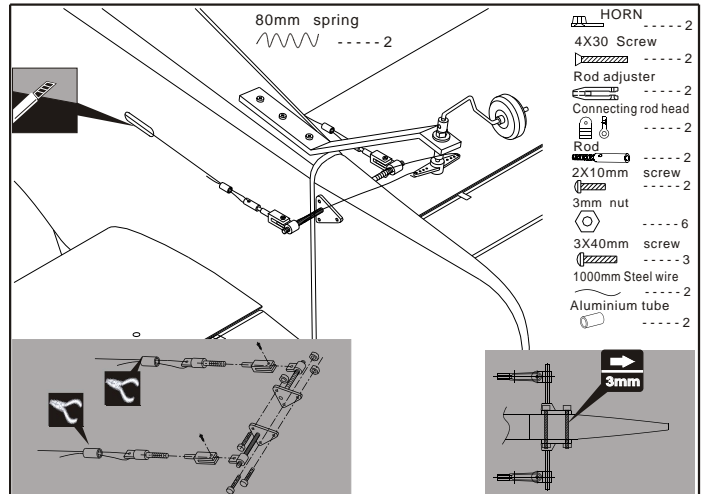
## 18 Install the tail wheel



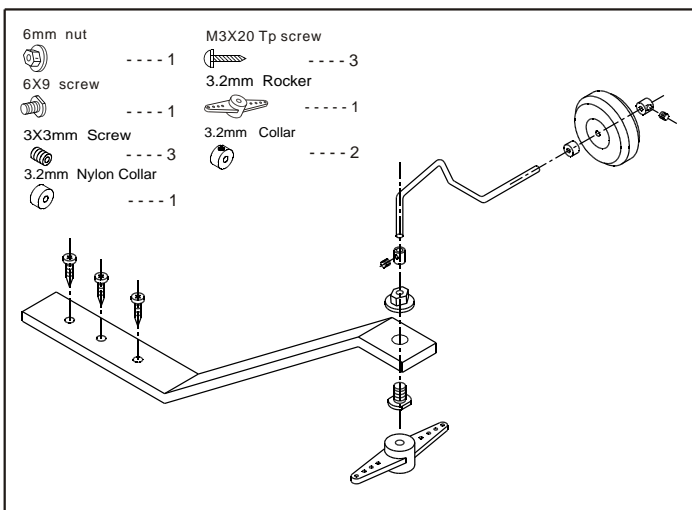
## 16 Main wing&Horizontal/Vertical tail



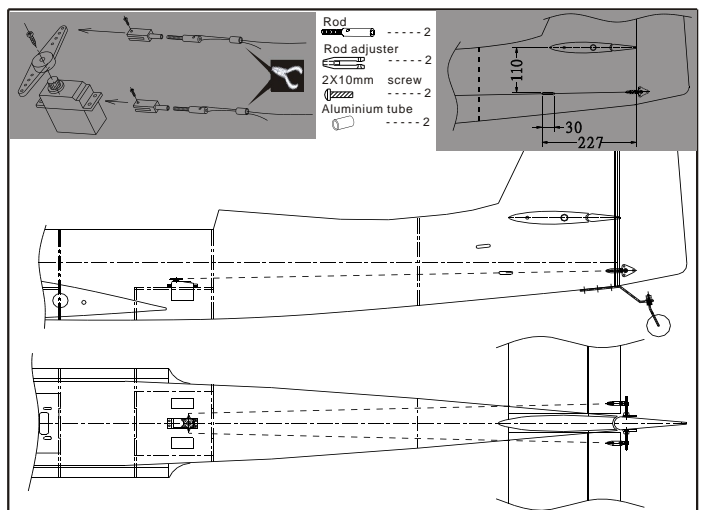
## 19 Install the rudder servo



## 17 Install the tail wheel



## 20 Install the rudder servo

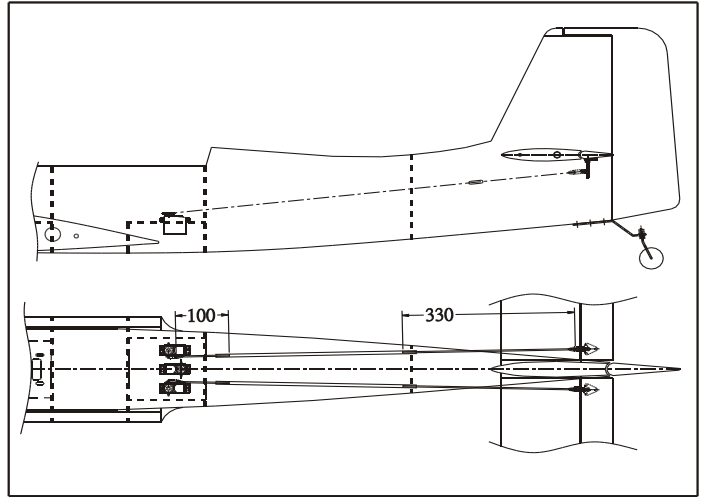




## Accessory list for this page.

HORN ----- 2	Linkage Stopper
4X30 Screw ----- 2	----- 1
----- 2	2mm Nut
Rod adjuster ----- 4	----- 1
Connecting rod head ----- 4	1.8X400mm Rod
----- 4	----- 1
2X10mm screw ----- 4	3X3mm Screw
----- 4	----- 1
3X25mm screw ----- 6	
----- 6	

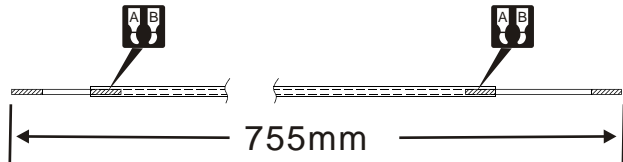
## 23 Install the elevator servo



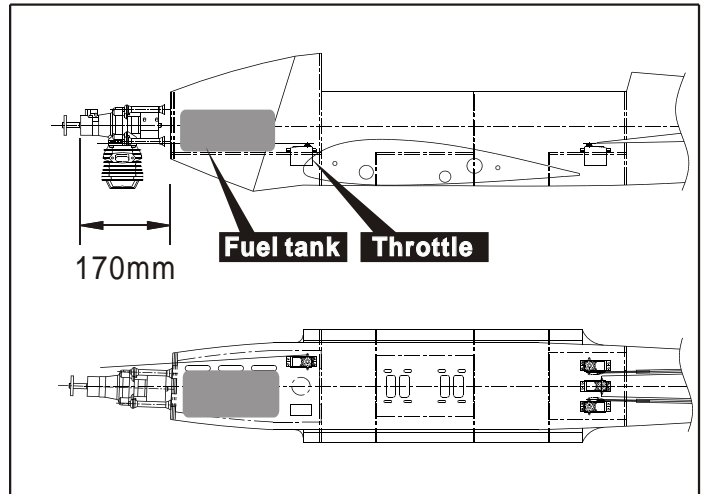
## 21 Install the rod for elevator

2.5X100mm rod ----- 2      2.5X330mm rod ----- 2

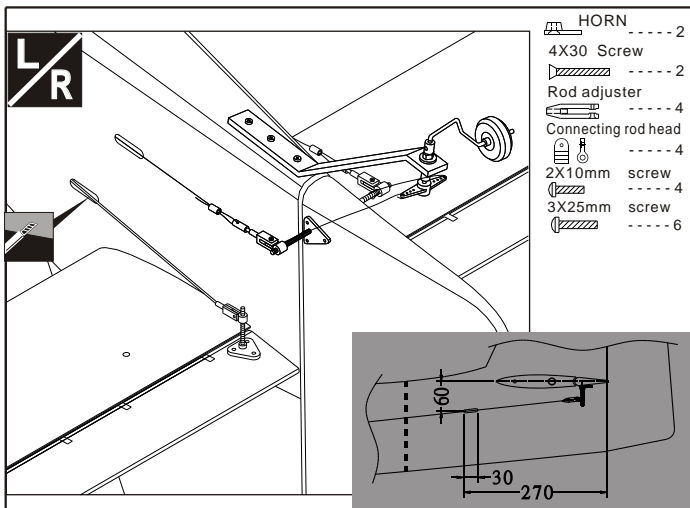
5X3X380mm carbon rod ----- 2



## 24 Installing the engine (80cc)

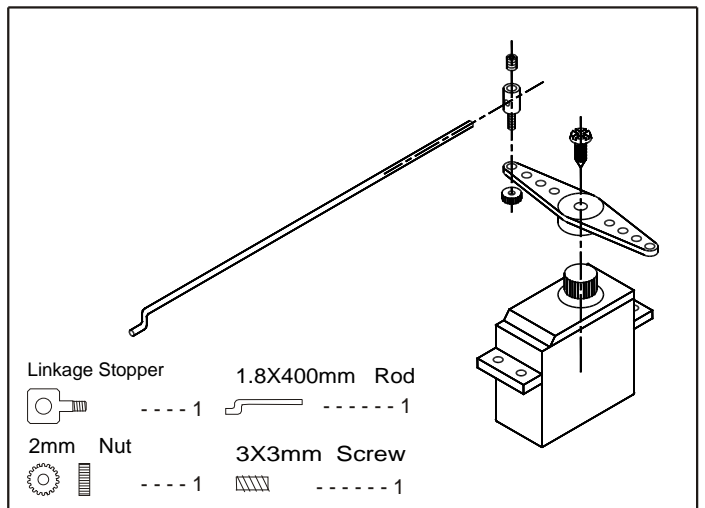


## 22 Install the elevator servo



HORN ----- 2
4X30 Screw ----- 2
----- 2
Rod adjuster ----- 4
Connecting rod head ----- 4
----- 4
2X10mm screw ----- 4
----- 4
3X25mm screw ----- 6
----- 6

## 25 Install the throttle servo



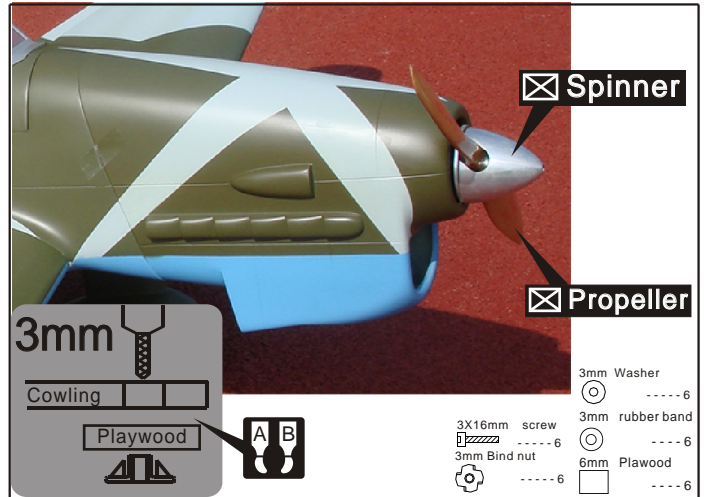
Linkage Stopper	1.8X400mm Rod
----- 1	----- 1
2mm Nut	3X3mm Screw
----- 1	----- 1



## Accessory list for this page.

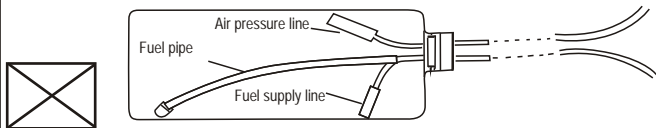
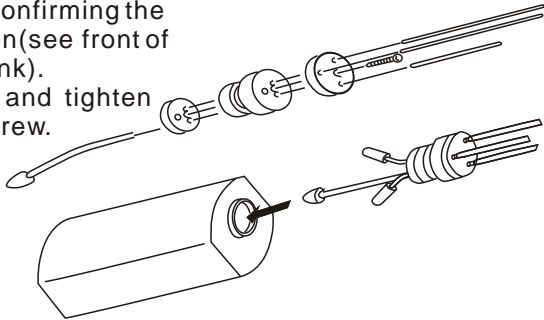
-  3X30mm screw 2
-  3X16mm screw 6
-  3mm Bind nut 6
-  3mm Washer 8
-  3mm rubber band 8
-  6mm Plywood 6
-  2.3X10Tp screw 10

## 28 Install the thr cowling

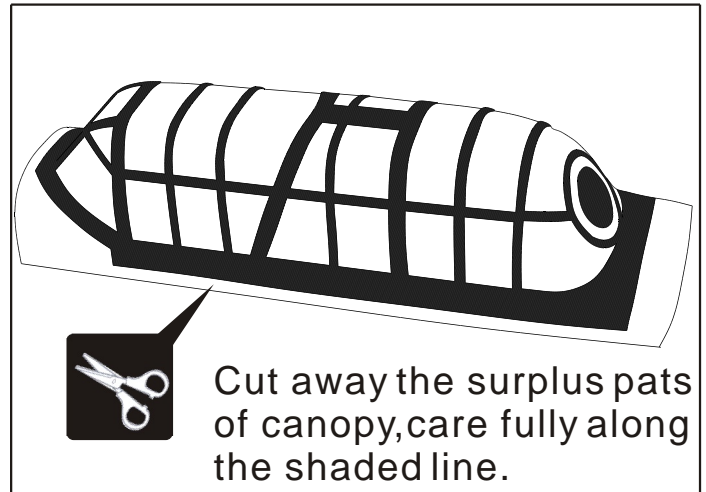


## 26 Assembly of the full tank

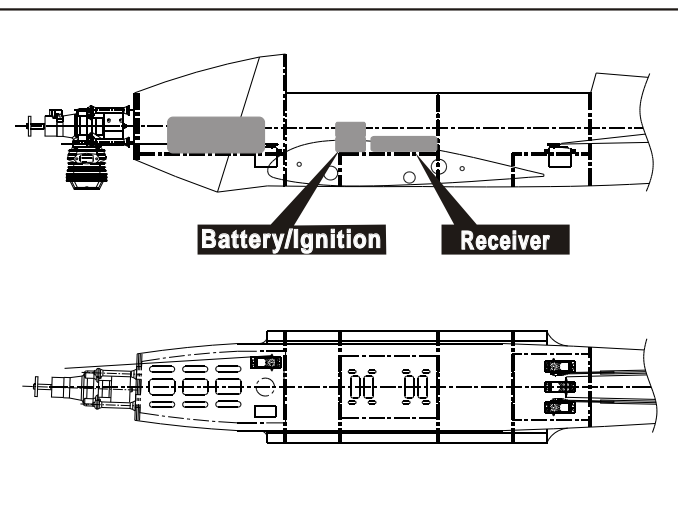
After confirming the position (see front of fuel tank). Insert and tighten the screw.



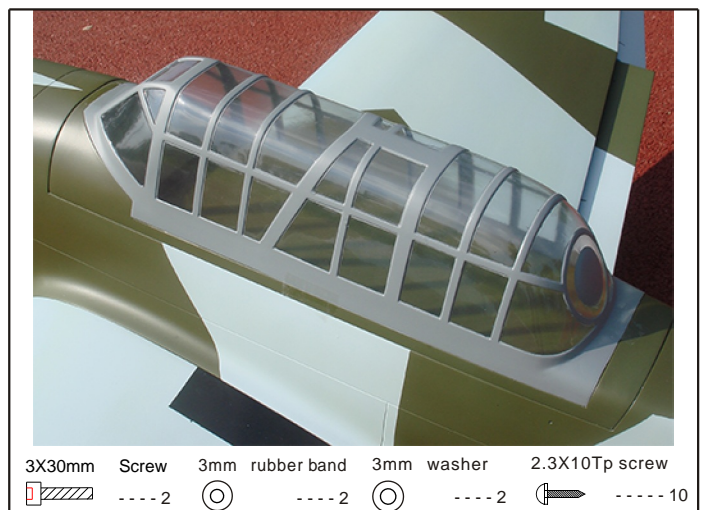
## 29 Install the canopy



## 27 Radio Equipment



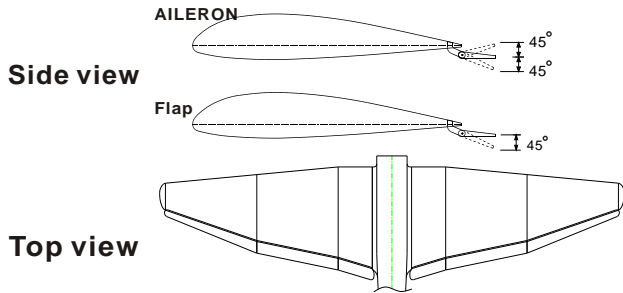
## 30 Install the canopy





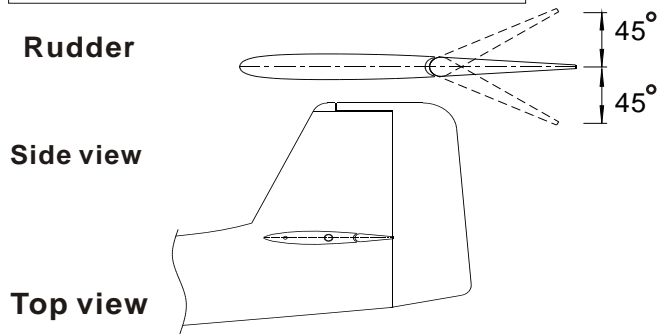
### 31 Adjustment.

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.



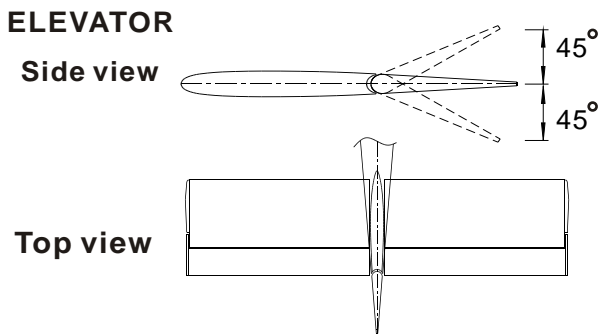
### 33 Adjustment

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.



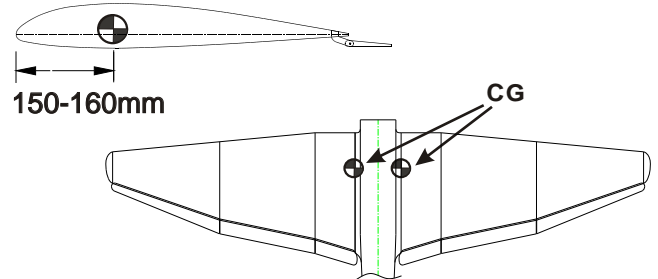
### 32 Adjustment.

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.