

Before commencing assembly, please read these instructions thoroughly.



# Storch



Warning!

## SAFETY PRECAUTIONS

This radio control model is not a toy!

## SPECIFICATION

- 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

Wing Span: 2440 mm (96.1 in)  
Wing Area: 70 dm<sup>2</sup> (1090 sq.in)  
Fuselage Length: 1615 mm (63.6 in)  
Engine : 26-28cc gas engine  
Radio : 5 channels , 8 servos

# REQUIRED FOR OPERATION (Purchase separately)

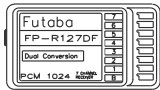
- 1** A minimum 5channel radio for airplanes (with 5servos).  
And dry batteries.

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

A minimum 4 channel transmitter for airplanes.



12 AA-size Batteries




Receiver



remote control

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

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

- 3** Servo(need 5 ser vos ) 

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



SPE 26cc


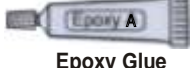

Muffler



Ignition

3W 28cc

Muffler

Ignition

- 5** Glue     
Epoxy Glue Instant glue

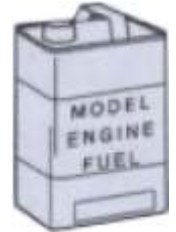
- 6** required for engine starting  **WARNING:** Normal gasoline cannot be used with glow engines.   
Glow engine fuel only.





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   
16X10---18X10

## TOOLS REQUIRED ( Purchase separately)

Sharp Hobby Knife



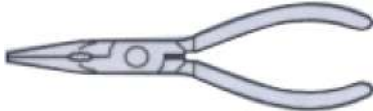
Phillips Screw Driver



Awl



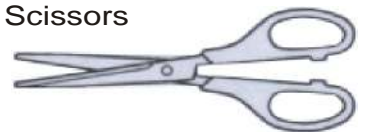
Needle Nose Pliers



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.

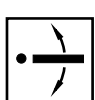
 Apply epoxy glue.

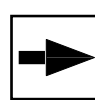
 Drill holes with the specified Diameter(here:2mm)

 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.

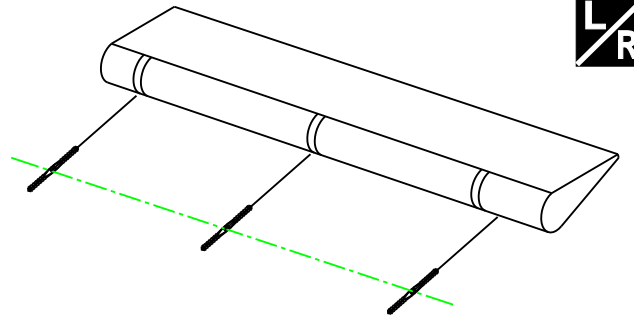
Hinge



----- 12

# 3

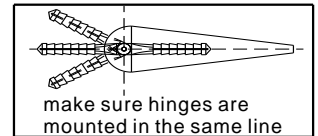
## Install the flap



Hinge

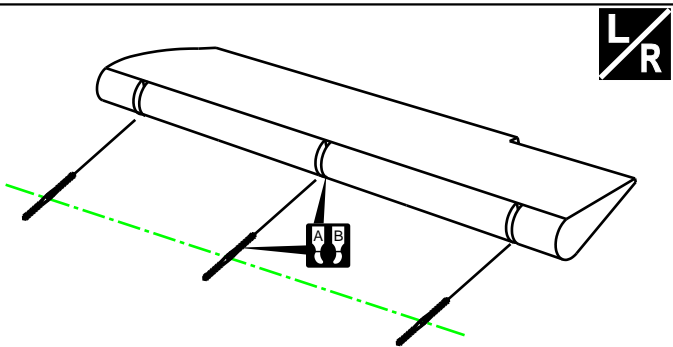


----- 6



# 1

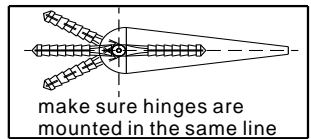
## Install the aileron



Hinge

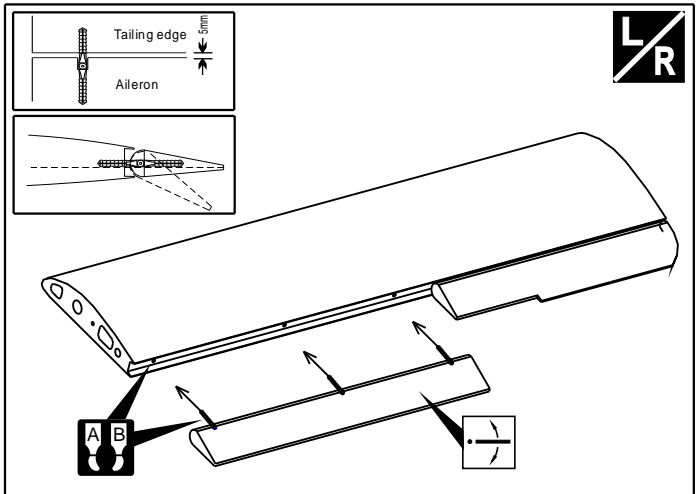


----- 6



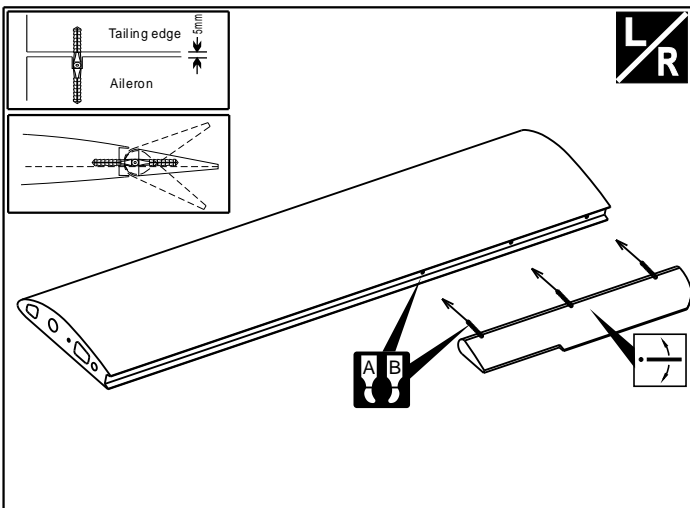
# 4

## Install the flap



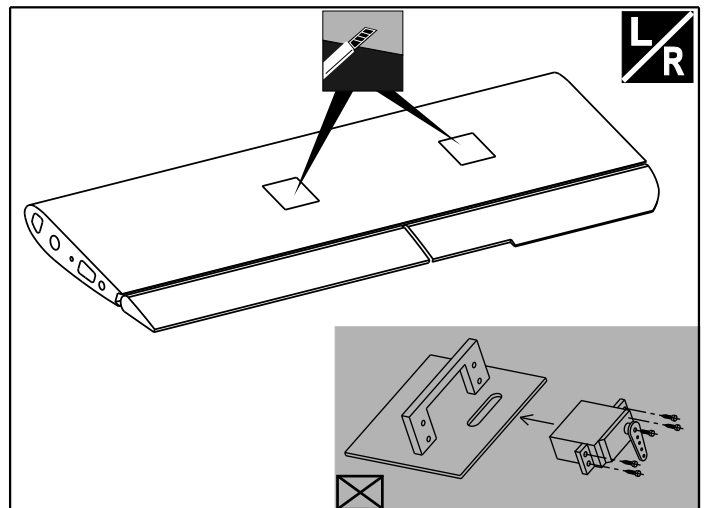
# 2

## Install the aileron



# 5

## Install the servo of aileron&flap





## Accessory list for this page.

Horn



----- 4



----- 4

2x25mm Screw



----- 12

1.8X75mm rod



----- 4

2.3X10mm Tp screw



----- 16

3X14mm screw



----- 4

3mm Washer



----- 4

Connecting rod head



----- 4

Rod adjuster



----- 4

2x8mm Screw



----- 4

4X25mm screw



----- 4

4mm Washer



----- 4

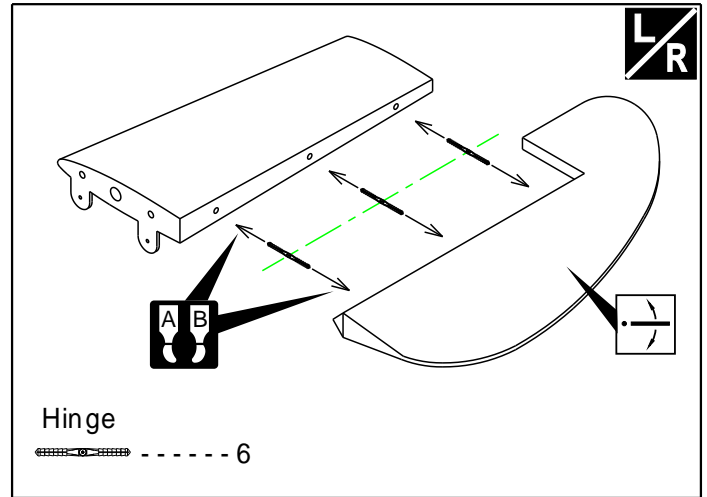
Hinge



----- 6

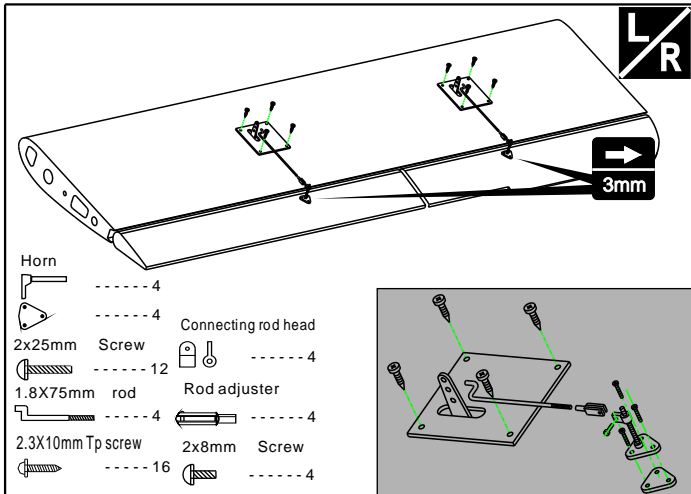
# 8

## Install the elevator



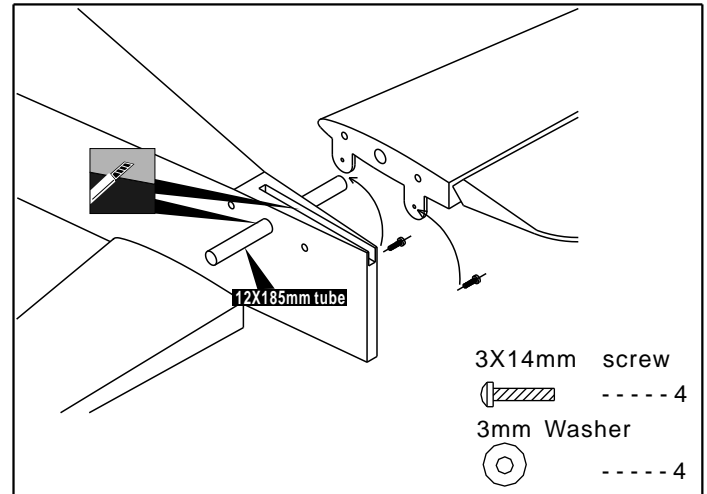
# 6

## Install the servo of aileron&flap



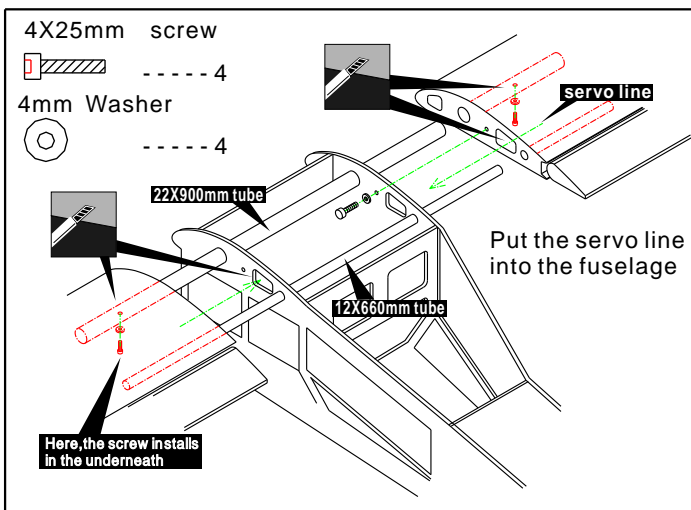
# 9

## Install the elevator



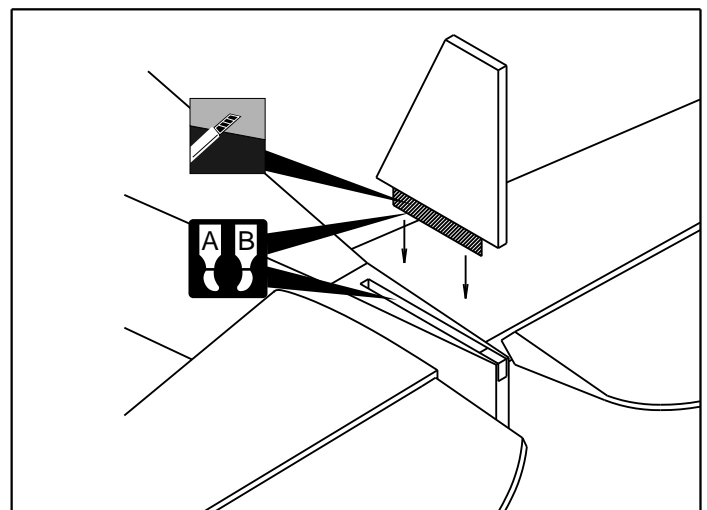
# 7

## main wing



# 10

## Install the rudder

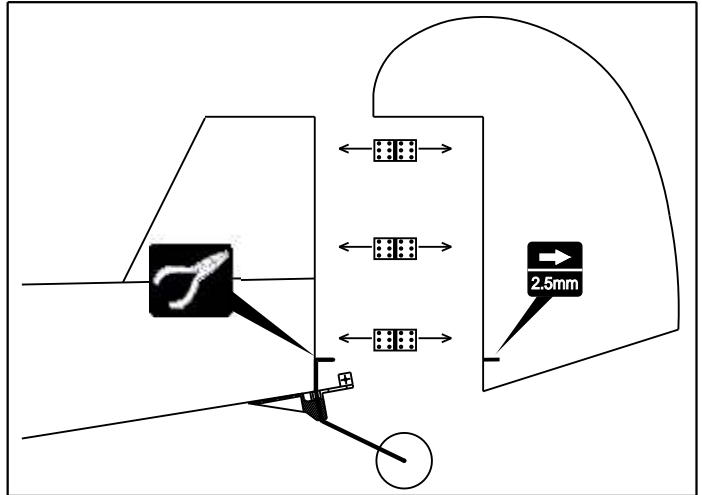




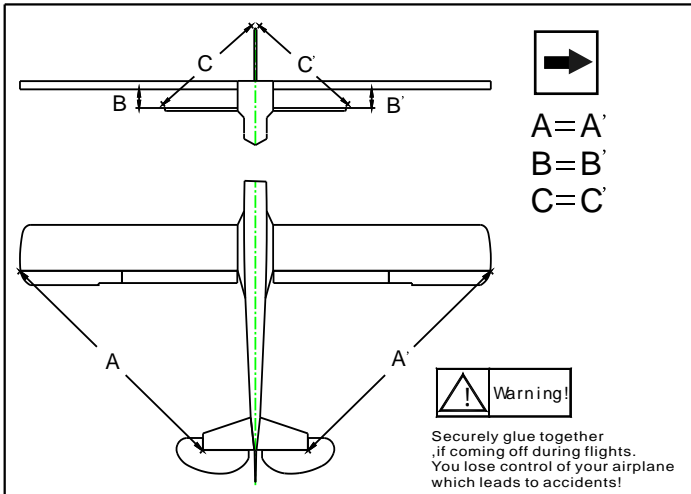
## Accessory list for this page.

2.6mm Collar	Horn	Rod
----- 2	----- 4	----- 2
2.6mm Nylon collar	----- 2	2X16mm screw
----- 1	----- 4	----- 3
3X3mm screw	----- 4	----- 3
----- 2	----- 4	----- 2
3X12 Tp screw	----- 4	----- 2
----- 3	----- 4	----- 3
3X5 Screw	----- 6	
----- 1	----- 2	
----- 1	----- 1	
----- 1	----- 1	
2X20mm screw	----- 1	
----- 1		
----- 1		
----- 1		

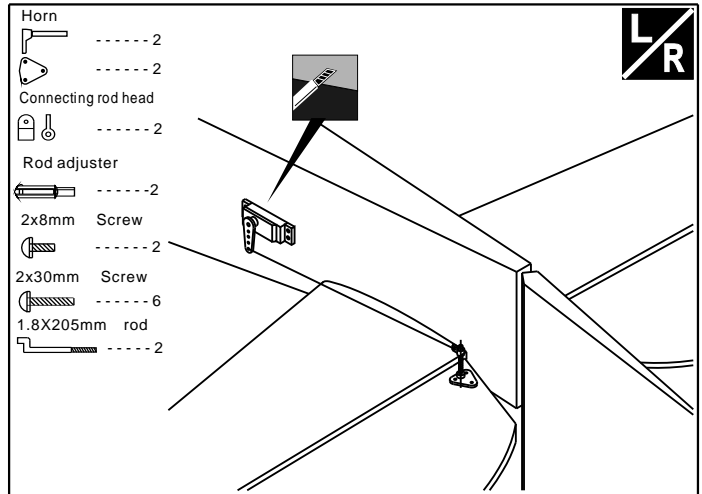
## 13 Install the tail wheel



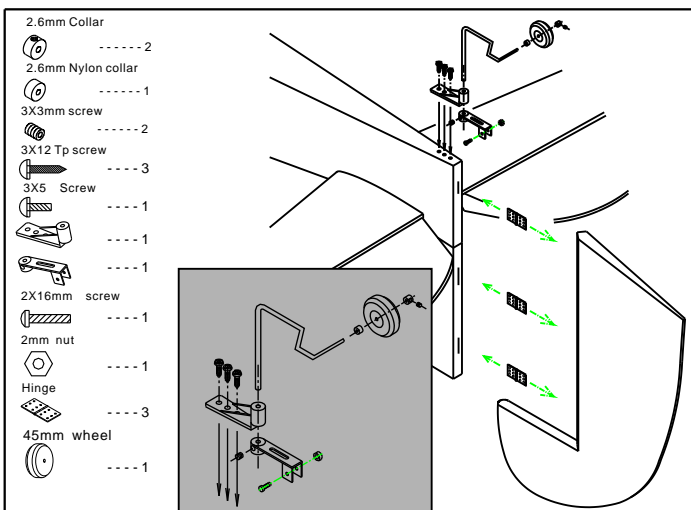
## 11 Horizontal/Vertical tail



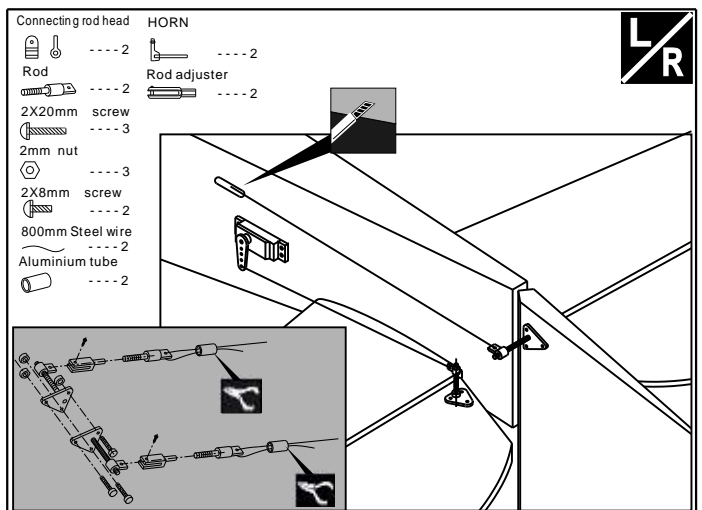
## 14 Install the elevator servo



## 12 Install the tail wheel



## 15 Install the rudder servo



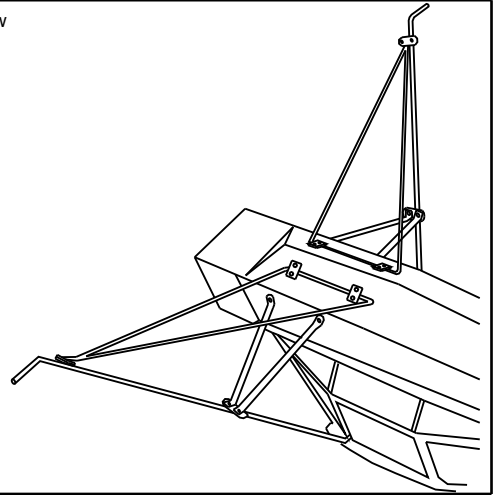


## Accessory list for this page.

3X12mm screw	Rod adjuster
----- 8	----- 2
3x14mm screw	Rod
----- 8	----- 2
3x20mm screw	Aluminium tube
----- 1	----- 2
3X18mm screw	2X8mm screw
----- 4	----- 2
3mm nut	5.2mm Collar
----- 9	----- 2
3mm Washer	5.2mm Nylon collar
----- 18	----- 2
3X12mm Tp screw	3X3mm screw
----- 10	----- 2
Pressure plate	90mm wheel
----- 4	----- 2

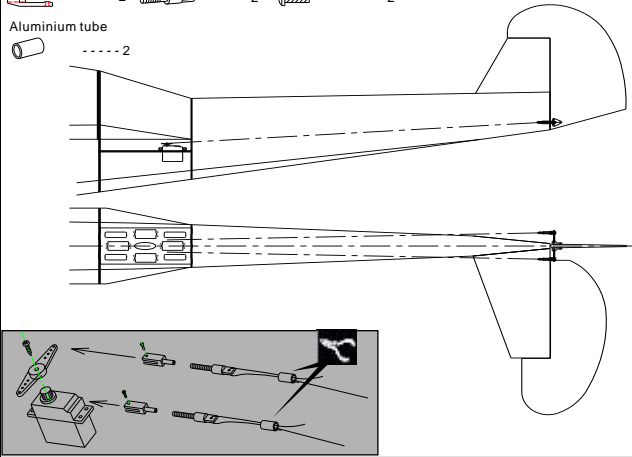
## 18 Install the main landing gear

3X12mm Tp screw
----- 8
Pressure plate
----- 4
3X12mm screw
----- 8
3X18mm screw
----- 4
3mm nut
----- 8
3mm Washer
----- 8



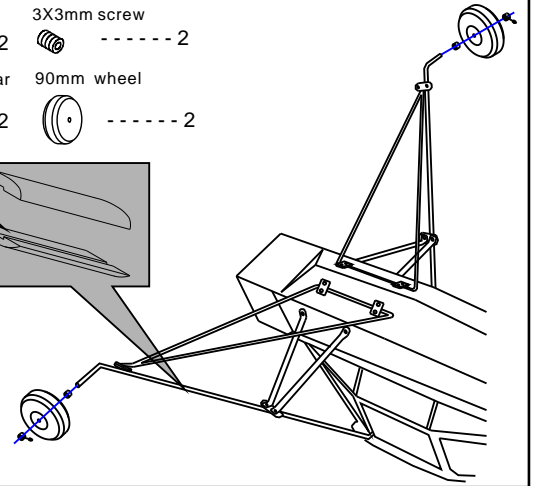
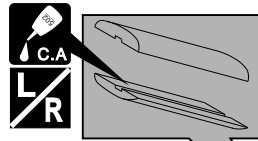
## 16 Install the rudder servo

Rod adjuster	Rod	2X8mm screw
----- 2	----- 2	----- 2
Aluminium tube		
----- 2		

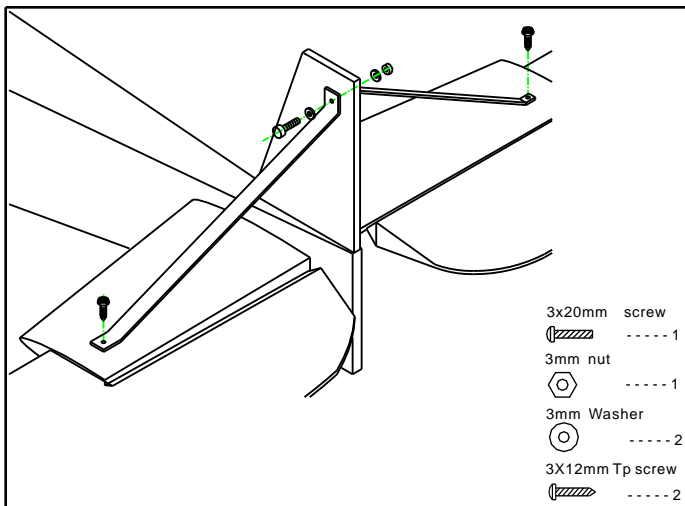


## 19 Install the main landing gear

5.2mm Collar	3X3mm screw
----- 2	----- 2
5.2mm Nylon collar	90mm wheel
----- 2	----- 2



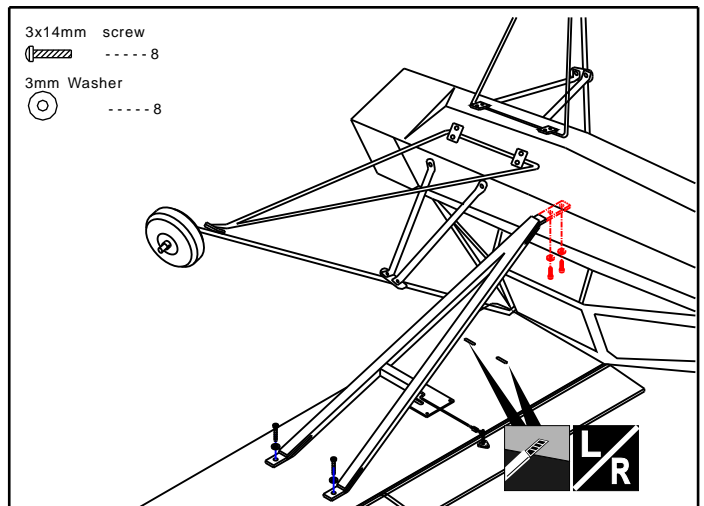
## 17 Install the stabilizer support



3x20mm screw
----- 1
3mm nut
----- 1
3mm Washer
----- 2
3X12mm Tp screw
----- 2

## 20 Install the wing support

3x14mm screw
----- 8
3mm Washer
----- 8



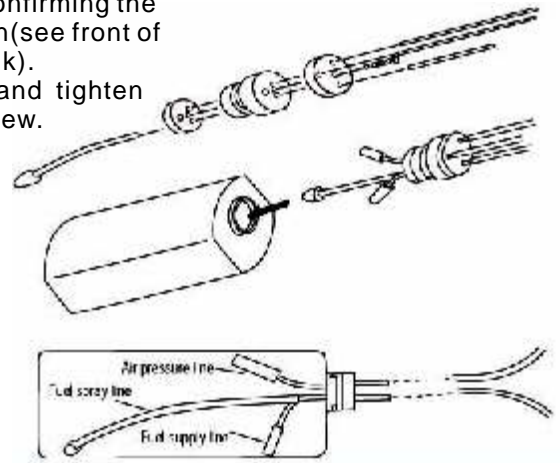


## Accessory list for this page.

3x20mm screw	3X3mm Screw
----- 8	----- 1
3mm nut	1.8X240mm Rod
----- 8	----- 1
3mm Washer	2.3X10mm Tp screw
----- 8	----- 8
Linkage Stopper	2.6X12mm Tp screw
----- 1	----- 4
2mm Nut	
----- 1	

## 23 Assembly of the full tank

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

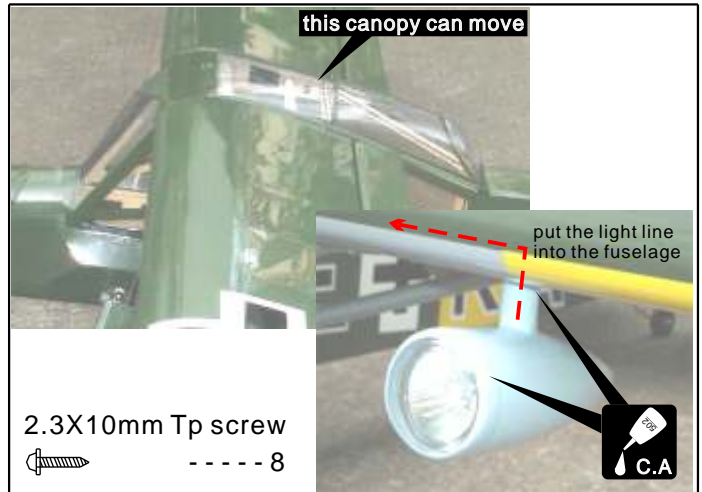


## 21 Install the wing support

3x20mm screw	3mm nut	3mm Washer	
----- 8	----- 8	----- 8	

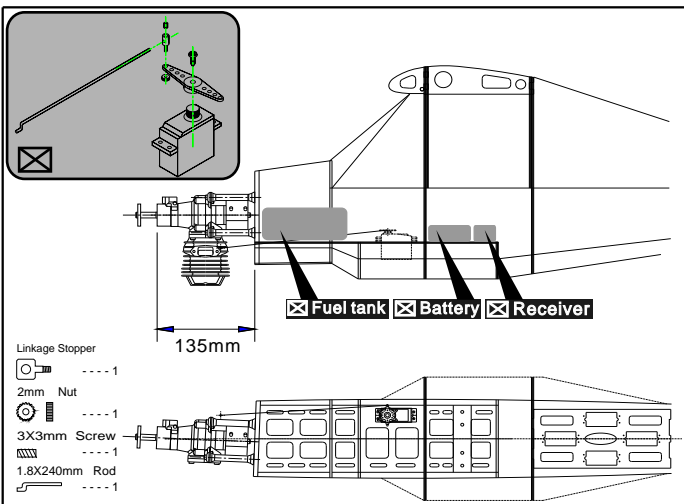


## 21 Install the canopy&light



2.3X10mm Tp screw	
----- 8	

## 22 Install the engine(26cc gas engine) Radio Equipment



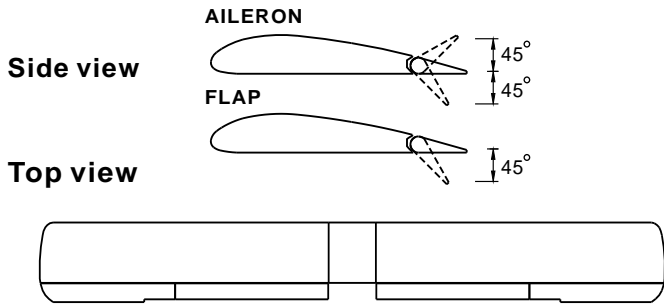
## 25 Install the canopy

2.6X12mm Tp screw	
----- 4	



## 26 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.

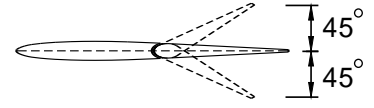


## 28 Adjustment

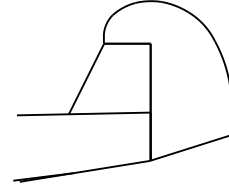
Adjust the travel of each control surface to the values in the diagrams.  
These values fit general flight capabilities.  
Readjust according to your needs and flight level.

### Rudder

**Side view**



**Top view**

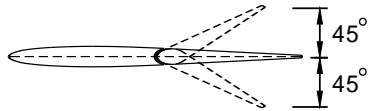


## 27 Adjustment.

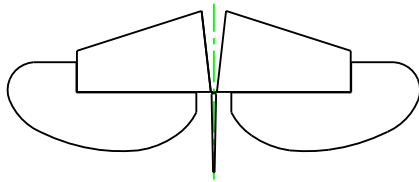
Adjust the travel of each control surface to the values in the diagrams.  
These values fit general flight capabilities.  
Readjust according to your needs and flight level.

### ELEVATOR

**Side view**

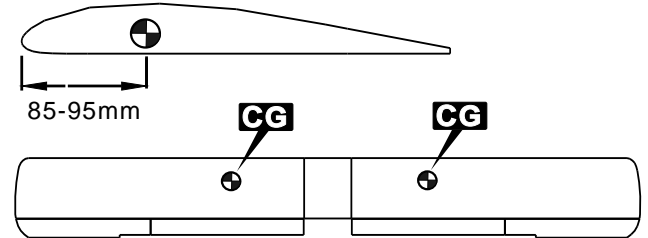


**Top view**



## 29 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.