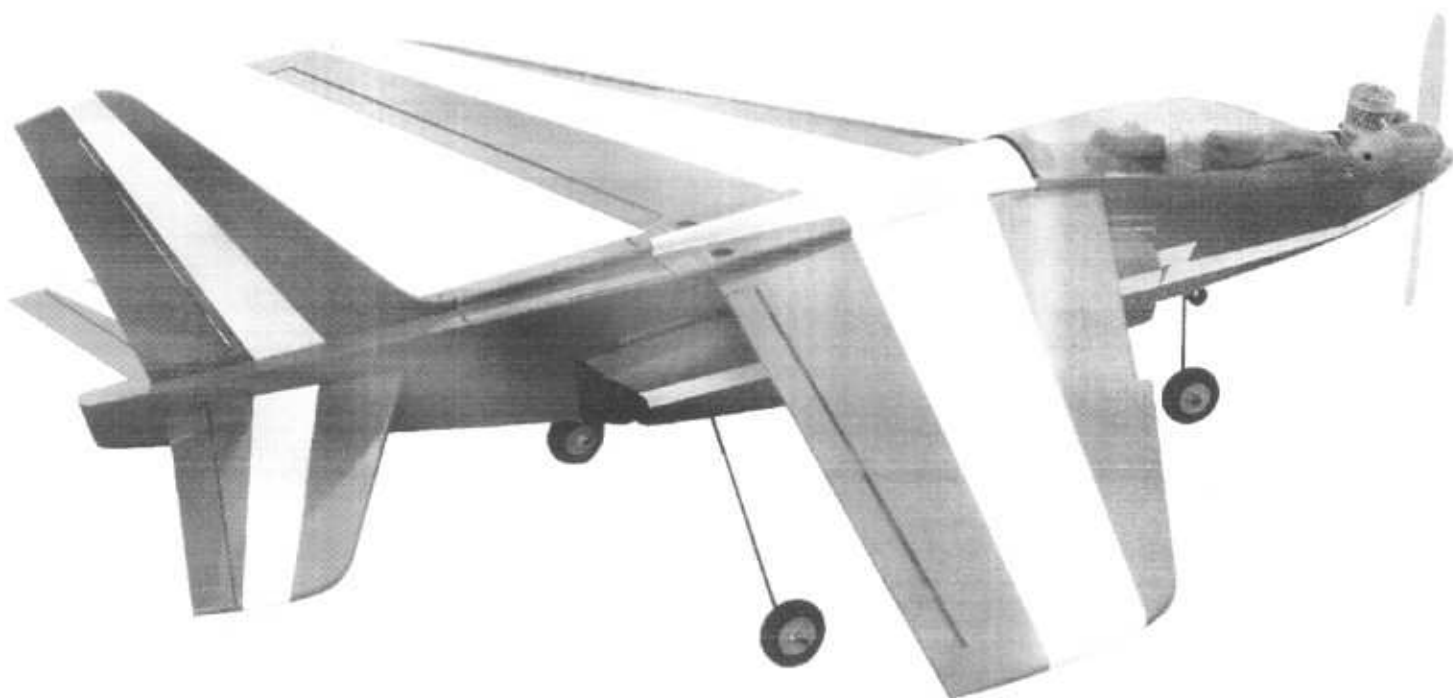


Before commencing assembly, please read these instructions thoroughly.



# Alpha Jet



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.

## SPECIFICATION

TOTAL LENGTH-----1058mm (41.6in)  
WING SPAN-----1040mm (41in)  
WING AREA-----22dm<sup>2</sup> (342sq.in)  
ENGINE-----2C 0.25 cu.in  
Weight -----1750 g

# REQUIRED FOR OPERATION (Purchase separately)

- 1** A minimum 3 channel radio for airplanes (with 3servos).  
And dry batteries.



CAUTION: Only use a minimum 3 channel radio for airplanes! (No other radio may be used!)

A minimum 3 channel transmitter for airplanes.



8 AA-size Batteries



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

- 2** Engine and Muffler  
Model Airplane Engine 2c 0.25 cu.in

Muffler



Glow plug



- 3** Propeller  
Purchase a propeller that will match your engine



9 X5-10 X5

- 4** Silicone Tube  Fuel Filter 

- 5** required for engine starting Glow engine fuel only.



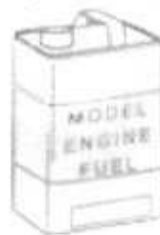
WARNING: Normal gasoline cannot be used with glow engines



Fuel Pump



Plug Wrench

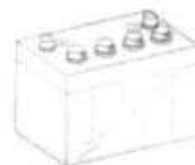


- 6** Glue  Instant glue  Epoxy Glue

- 7** Other equipment for enhancing airplane operation & performance

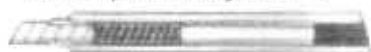


12V Battery (for starter)



# TOOLS REQUIRED (Purchase separately)

Sharp Hobby Knife



Phillips Screw Driver



Awl



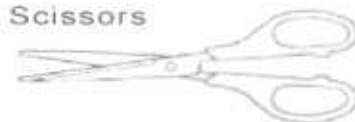
Needle Nose Pliers



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.

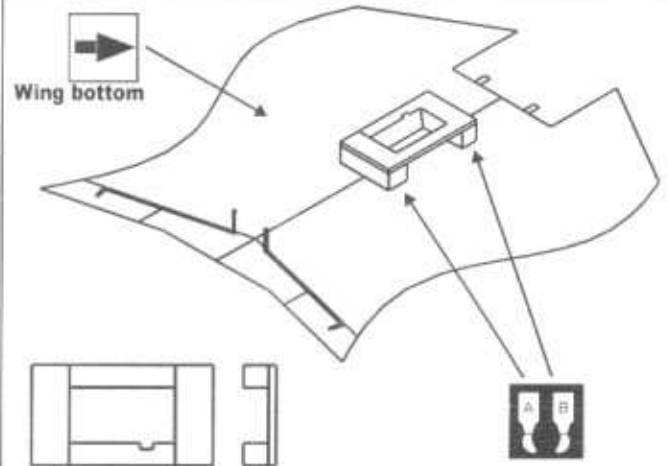


### Accessory list for this page.

-  Rod adjuster ----- 2
-  Rod (1.8X80mm) ----- 2
-  Connecting rod head ----- 2
-  Servo cover ----- 1

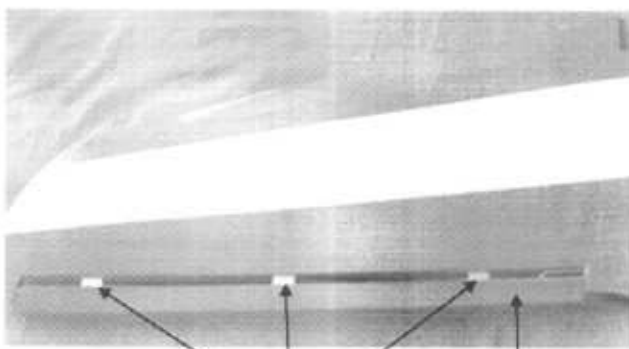
### 3

### Main wing



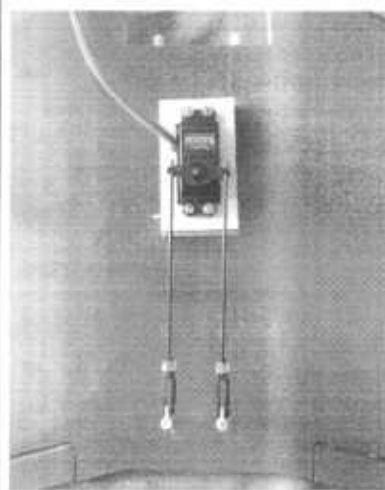
### 1

### Main wing



### 4

### Main wing



### Rod adjuster



### Rod (1.8X80mm)

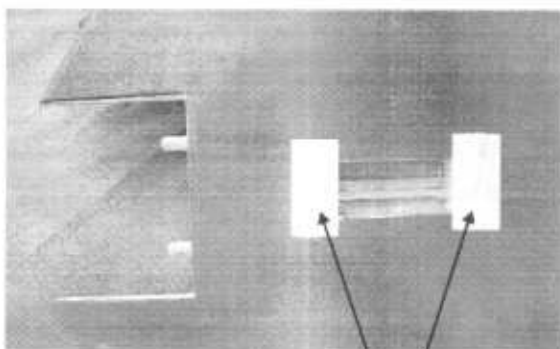


### Connecting rod head



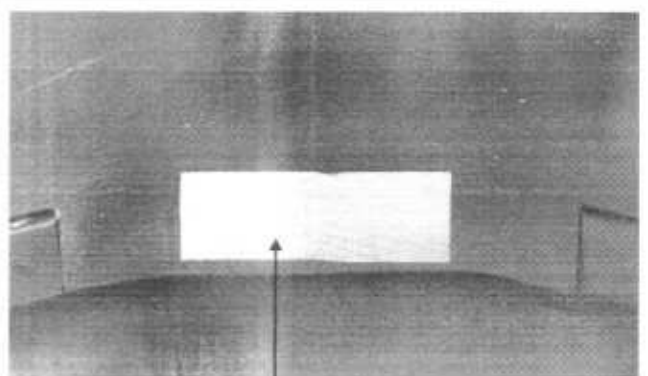
### 2

### Main wing



### 5

### Main wing





### Accessory list for this page.

- Rocker arm ----- 1
- 3X3mm Screw ----- 3
- 4mm Nylon Collar ----- 1
- 4mm Collar ----- 1
- 3.5X250mm PVC Rod ----- 2
- 1.4X505mm Front-wheel Rod ----- 1
- Reinforcement Plate ----- 1
- Tp Screw 2.3X10mm ----- 2
- 3mm Washer ----- 2
- 3X25mm Screw ----- 2

# 8

### Front - wheel drive

- Rocker arm ----- 1
- 3X3mm Screw ----- 3
- 4mm Nylon Collar ----- 1
- 4mm Collar ----- 2
- 3.5X250mm PVC Rod ----- 1
- 1.4X505mm Front-wheel Rod ----- 1

# 6

### Main wing

Center line

25mm

14mm

Drill holes with the specified Diameter (here:3.2mm)

3.2mm

Wing Top

A B

# 9

### Front - wheel drive

.....2 Tp Screw 2.3X10mm

# 7

### Main wing

- 3mm Washer ----- 2
- 3X25mm Screw ----- 2

A = A'

A A'

# 10

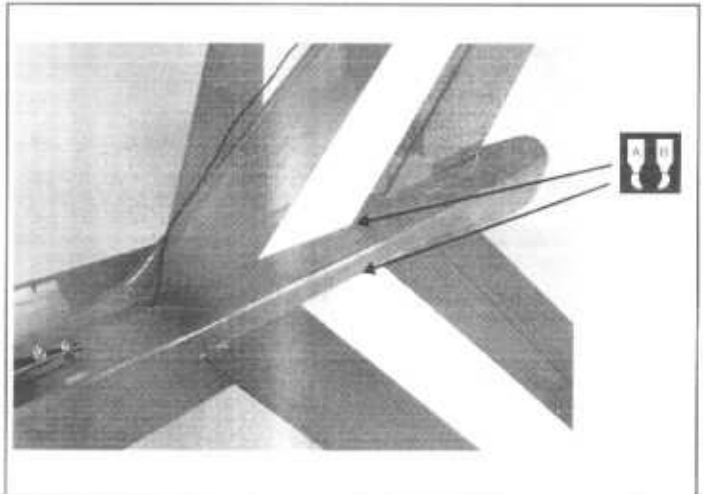
### Undercarriage



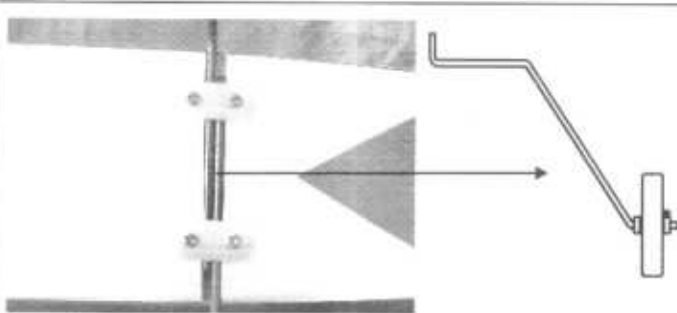
## Accessory list for this page.

	3.2mm Nylon Collar	2
	3.2mm Collar	2
	Pressure Plate	2
	12mm Tp Screw	4
	3x3mm Screw	2
	3x5mm Screw	2
	4mm Collar	1
	1.8X270mm Elevator Rod	1
	Elevator Rod	1
	1.8X230 mm Rudder Rod	1

## 13 Horizontal / Vertical Tail

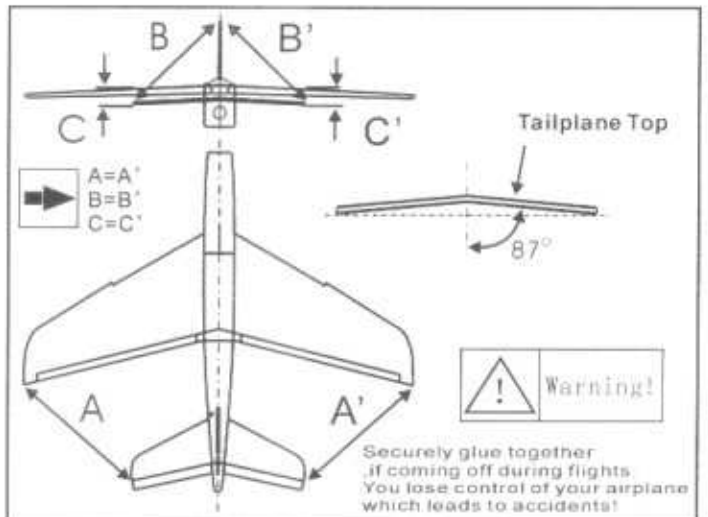


## 11 Undercarriage

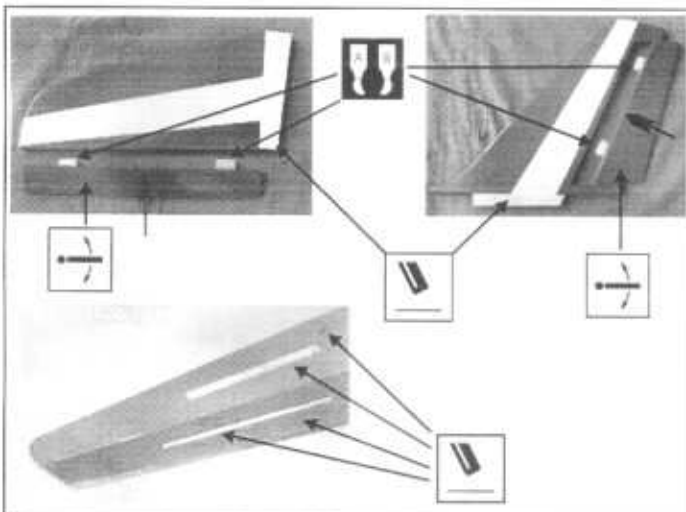


	Pressure Plate	2
	3.2mm Nylon Collar	2
	3x3mm Screw	2
	3x12mm Tp Screw	4
	3.2mm Collar	2

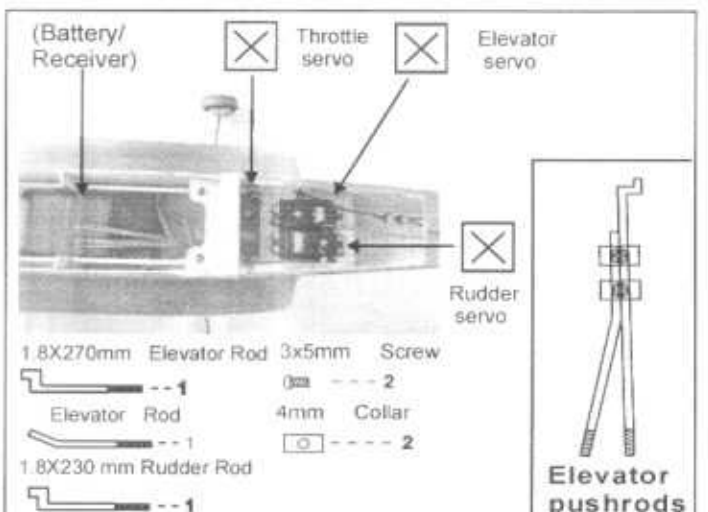
## 14 Horizontal / Vertical Tail



## 12 Horizontal / Vertical Tail



## 15 Radio Equipment

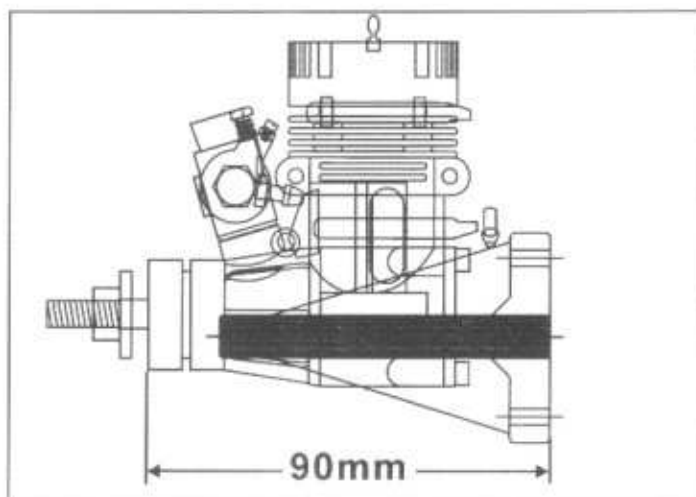




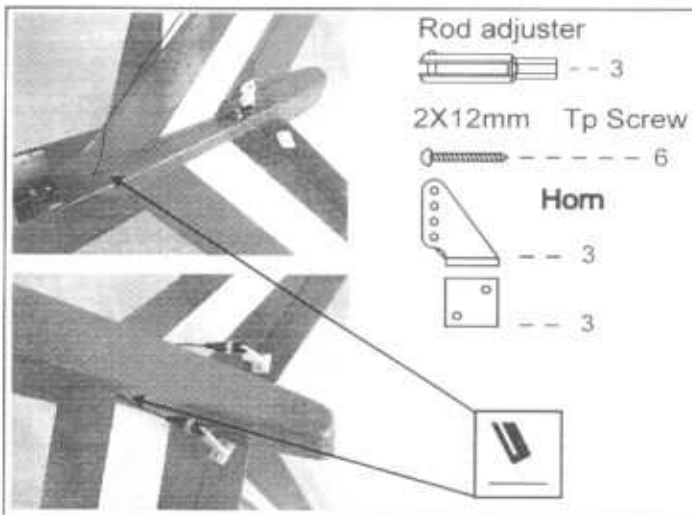
## Accessory list for this page.

	Rod adjuster	3
	2X12mm Tp Screw	6
	Horn	3
	3.5X540mm PVC rod	1
	1.4X610mm Throttle rod	1
	3mm Blind Nut	4
	3mm Lock Nut	4
	3x25mm screw	4
	3x18mm screw	4
	3mm washer	12

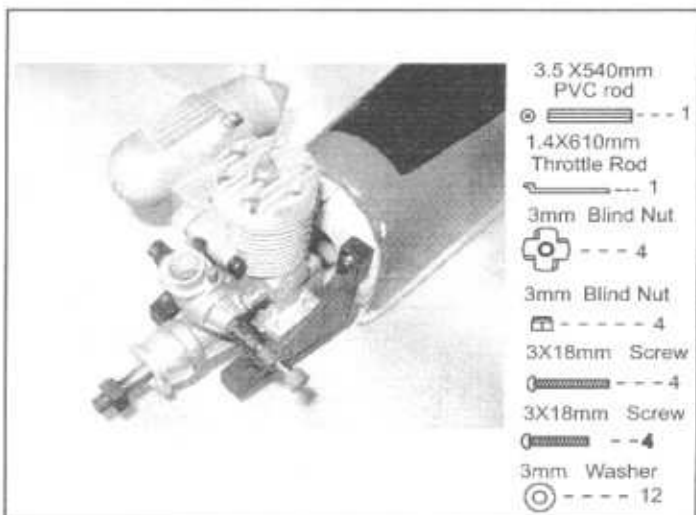
## 18 Engine Mount



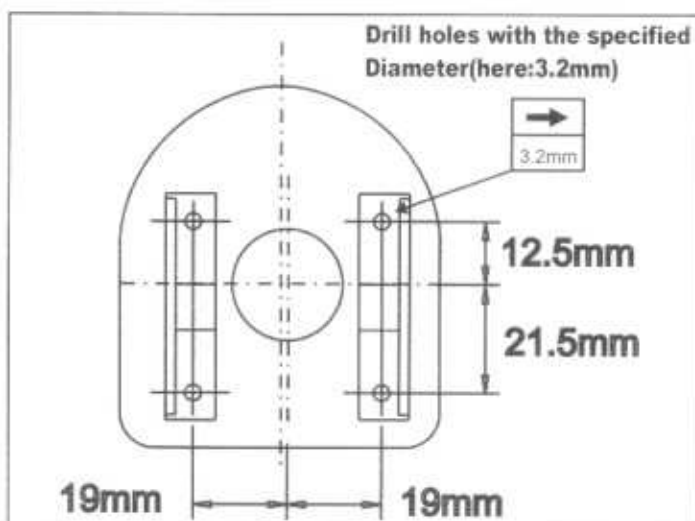
## 16 Horizontal / Vertical Tail



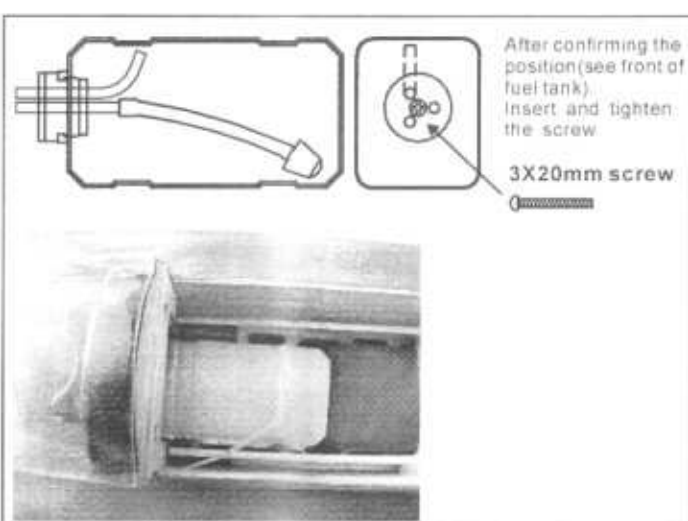
## 19 Engine Mount



## 17 Engine Mount



## 20 Fuel tank



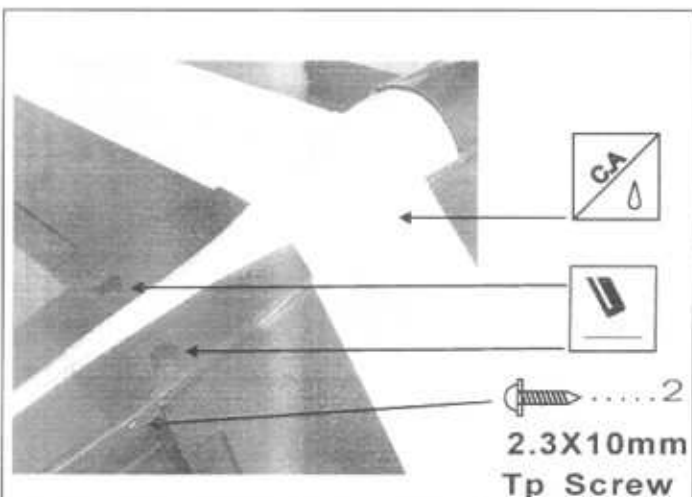




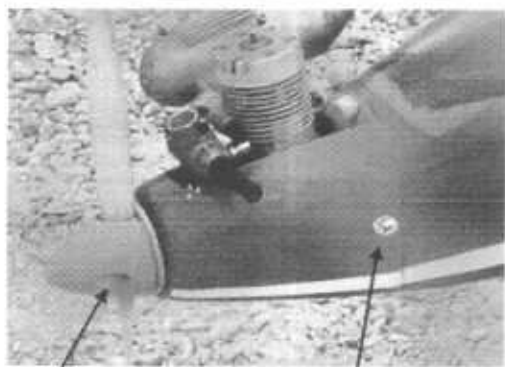
### Accessory list for this page.

-  .....1
-  .....10

## 23 Canopy

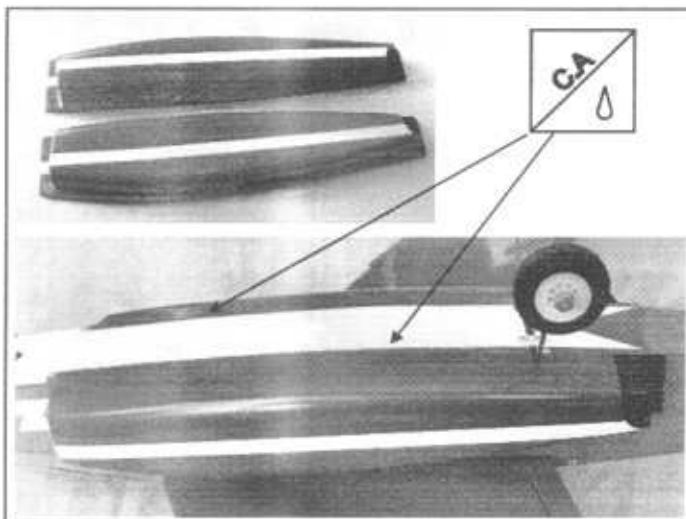


## 21 Cowling and Spinner

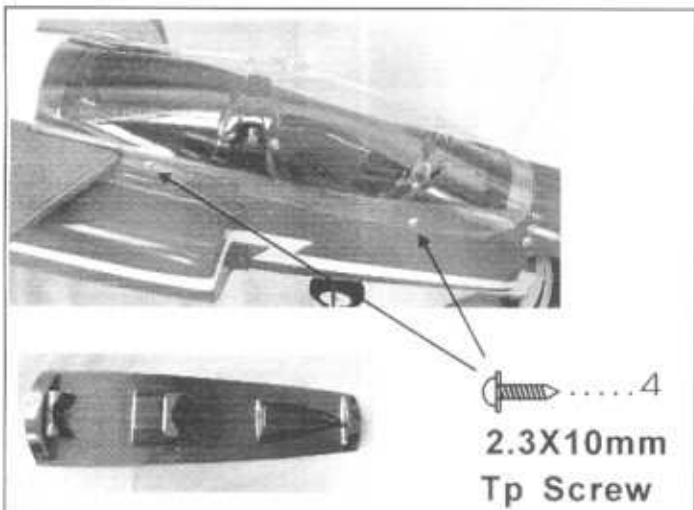


-  .....2
  -  .....4
- 2.6X8mm Tp Screw    2.3X10mm Tp Screw

## 24 Canopy



## 22 Canopy

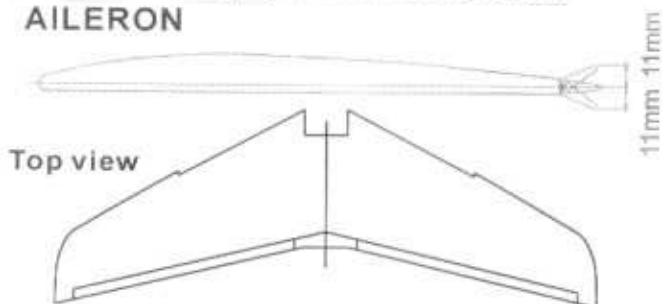


## 25

## 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.

### AILERON



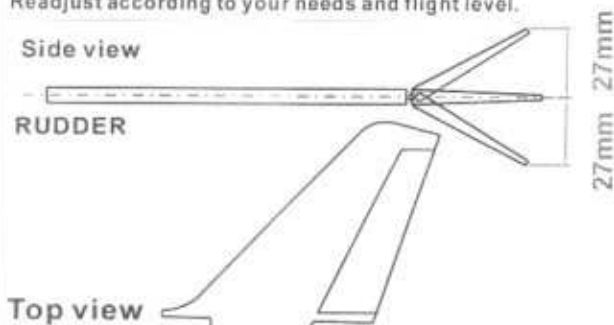
## 29 Adjustment.

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.

Side view

RUDDER

Top view



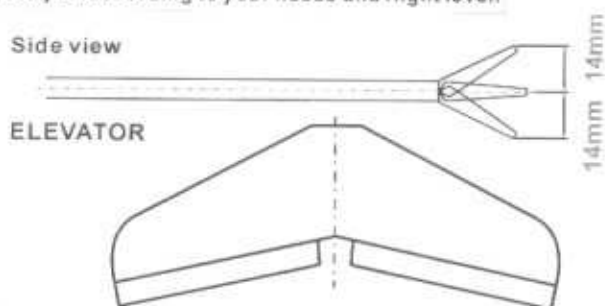
## 27 Adjustment.

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.

Side view

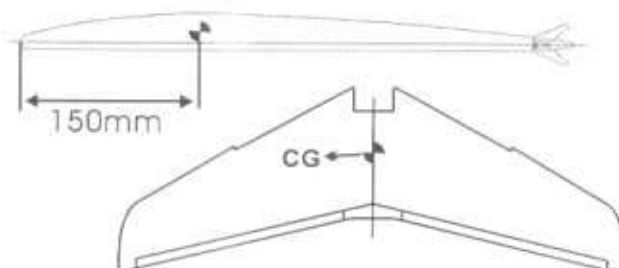
ELEVATOR

Top view



## 30 Centre of Gravity.

Never fly before checking the Cg's required position.  
In order to obtain the CG specified, reposition the receiver and battery.



NEVER fly the model without well balancing.



## 31 Spread a diagram

