

Before Commencing Assembling, please Read These Instructions Thoroughly.

# FIREDRAGON-380



## SPECIFICATIONS

Wing Span: 900mm (35.4")  
Length: 835mm (32.9")  
Weight: 500g (17.6oz)  
Wing Area: 21.2dm<sup>2</sup> (328.6sq in)  
Wing Loading: 23.6g/dm<sup>2</sup> (8.3oz/sq in)  
Engine: Brushless Motor (200-250w)

## INSTRUCTION MANUAL

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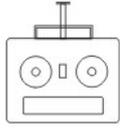


### SAFETY PRECAUTIONS

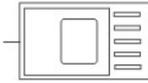
- First-time builders should seek the advice of experienced modelers before commencing assembling and if they do not fully understand any part of the construction.
- You are responsible for this model's assembly and safe operation!
- Always keep this instruction manual ready at hand for quick reference, even after completing the assembly.

## REQUIRED OPERATION (Purchase separately!)

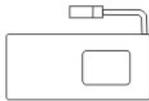
1 4 Channel R/C Transmitter



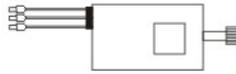
2 4 Channel Mini R/C receiver



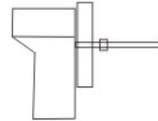
7 Power Battery



3 Brushless Motor



4 Reduction Gear Case



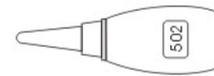
8 Speed Controller



5 Propeller

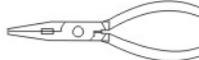


6 Instant Glue



## TOOLS REQUIRED (Purchase separately!)

Sharp Hobby Knife 

Needle Nose Pliers 

Screw Driver 

Scissors 

Wire Cutters 

Awl 

## 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 C.A Glue

 Apply A.B Glue

 Assemble left and right sides in the same way

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

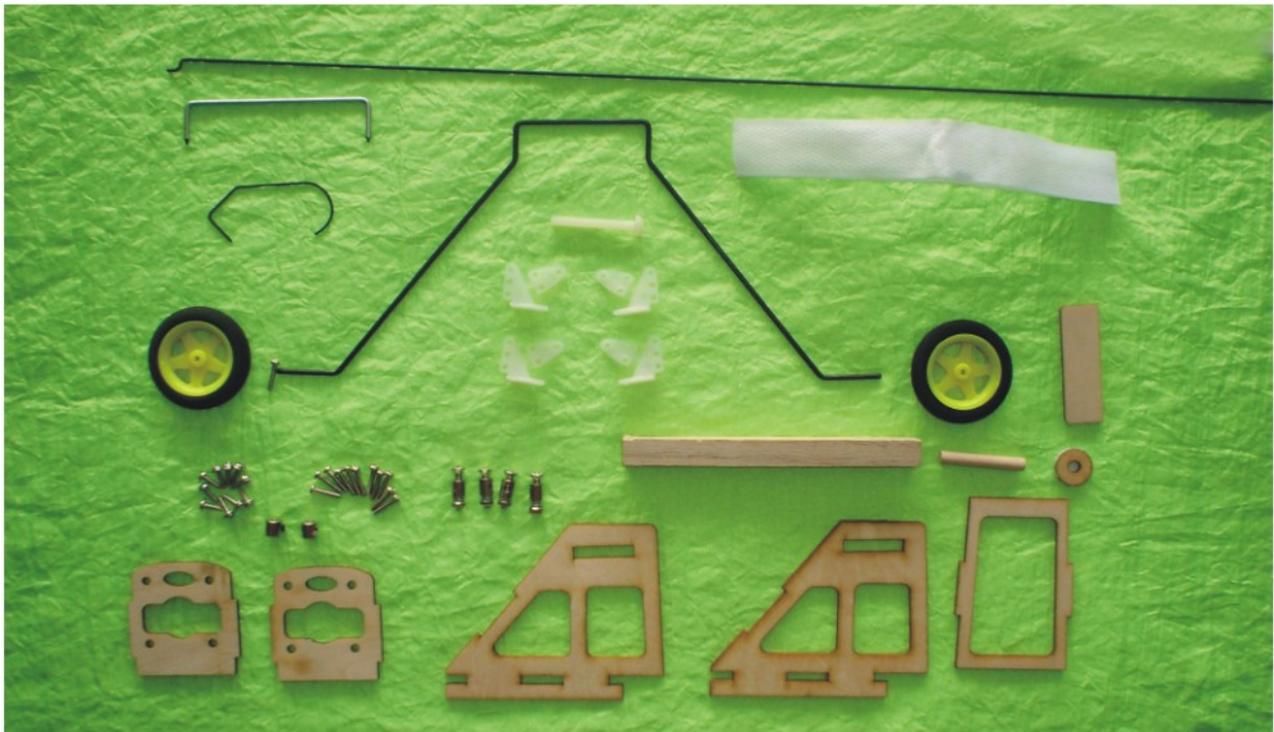
 Purchase separately

 Pay close attention here

 Ensure smooth non-binding movement while assembling

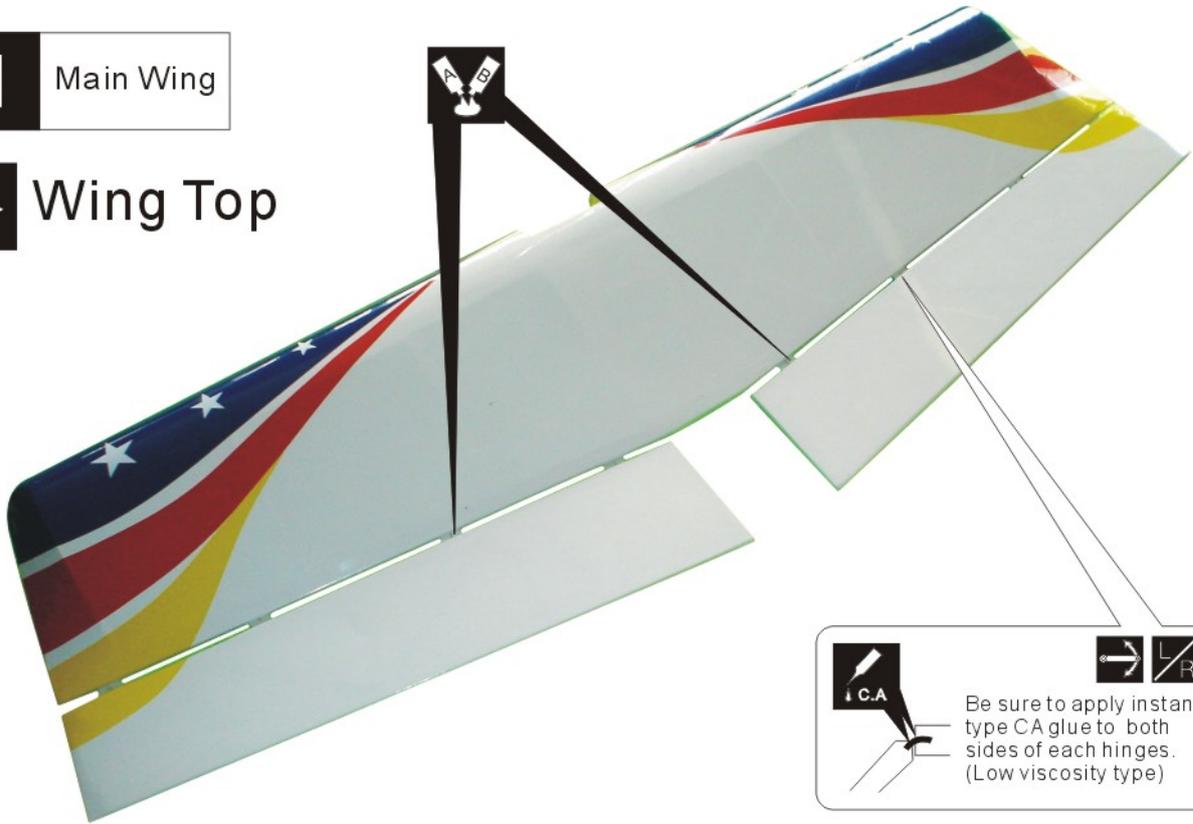
 Cut off shaded portion

# Parts Layout



**1** Main Wing

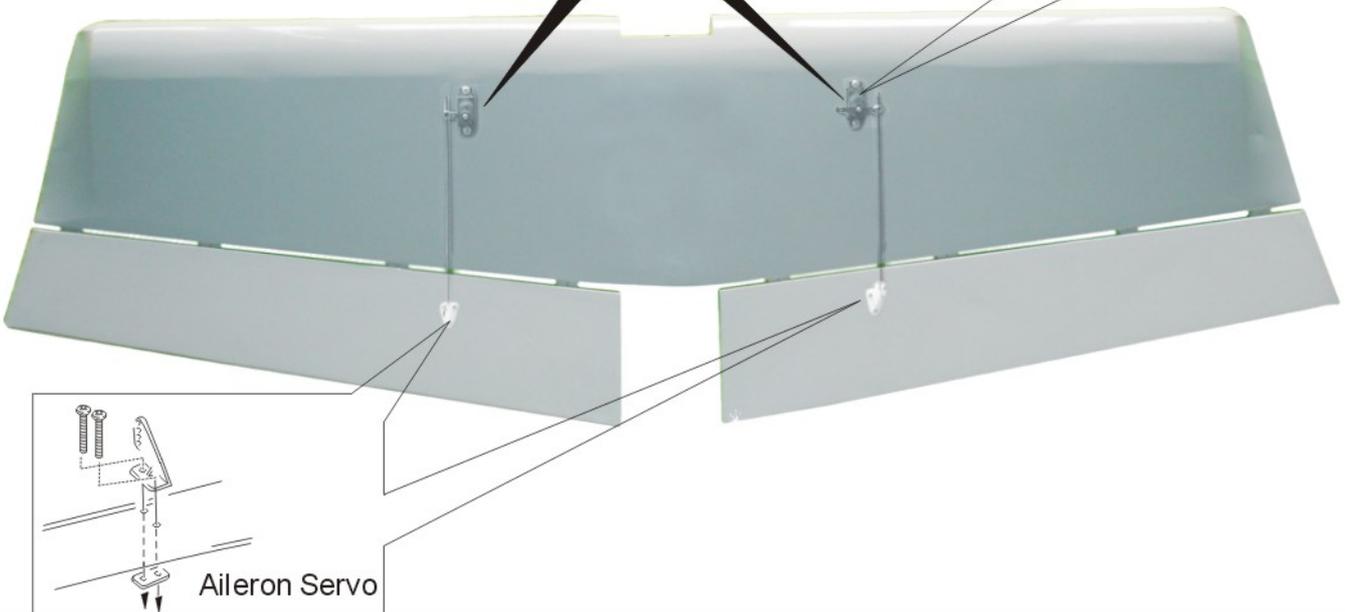
**→** Wing Top



Be sure to apply instant type CA glue to both sides of each hinges. (Low viscosity type)

**2** Main Wing

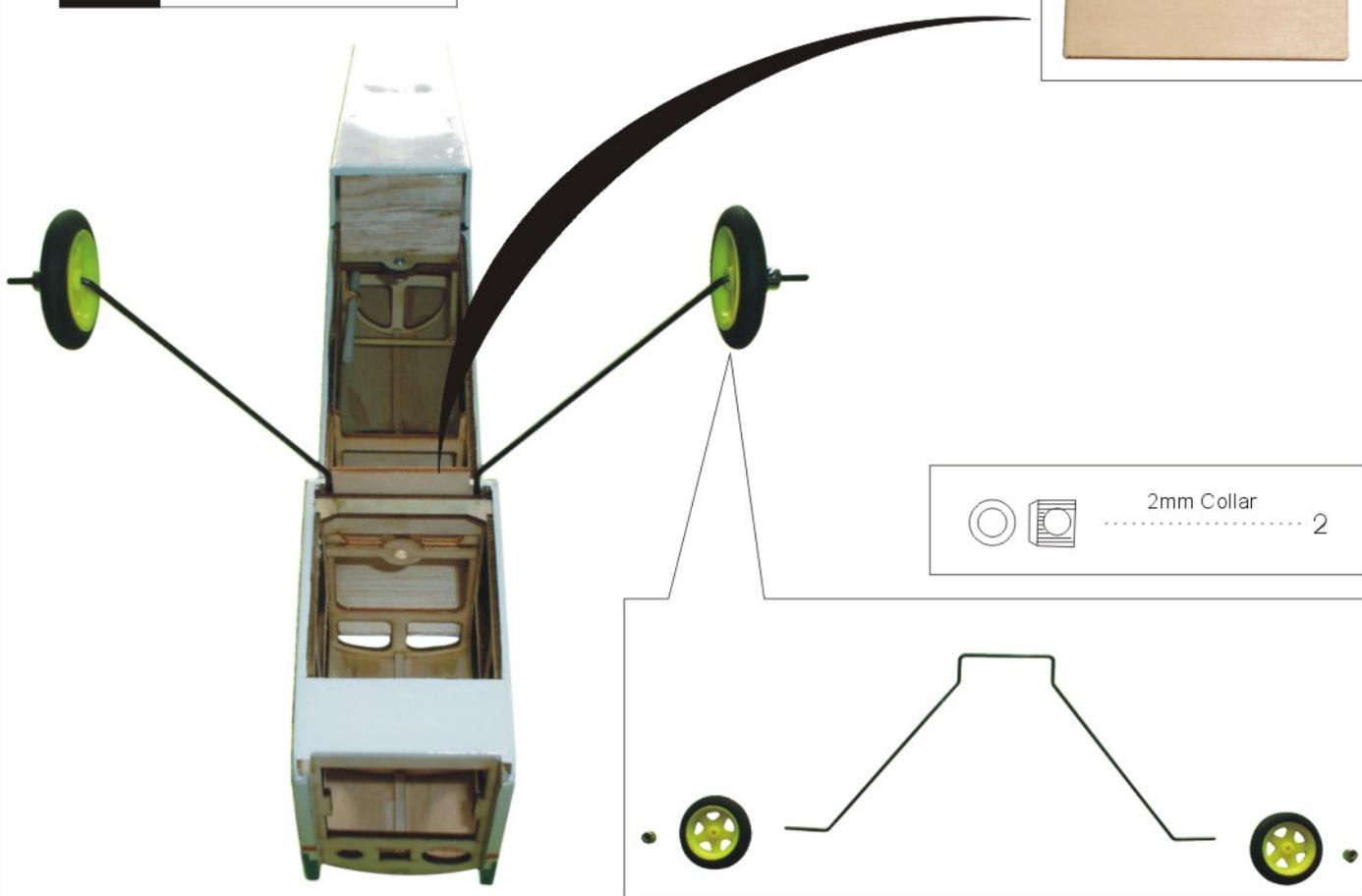
**→** Wing Bottom



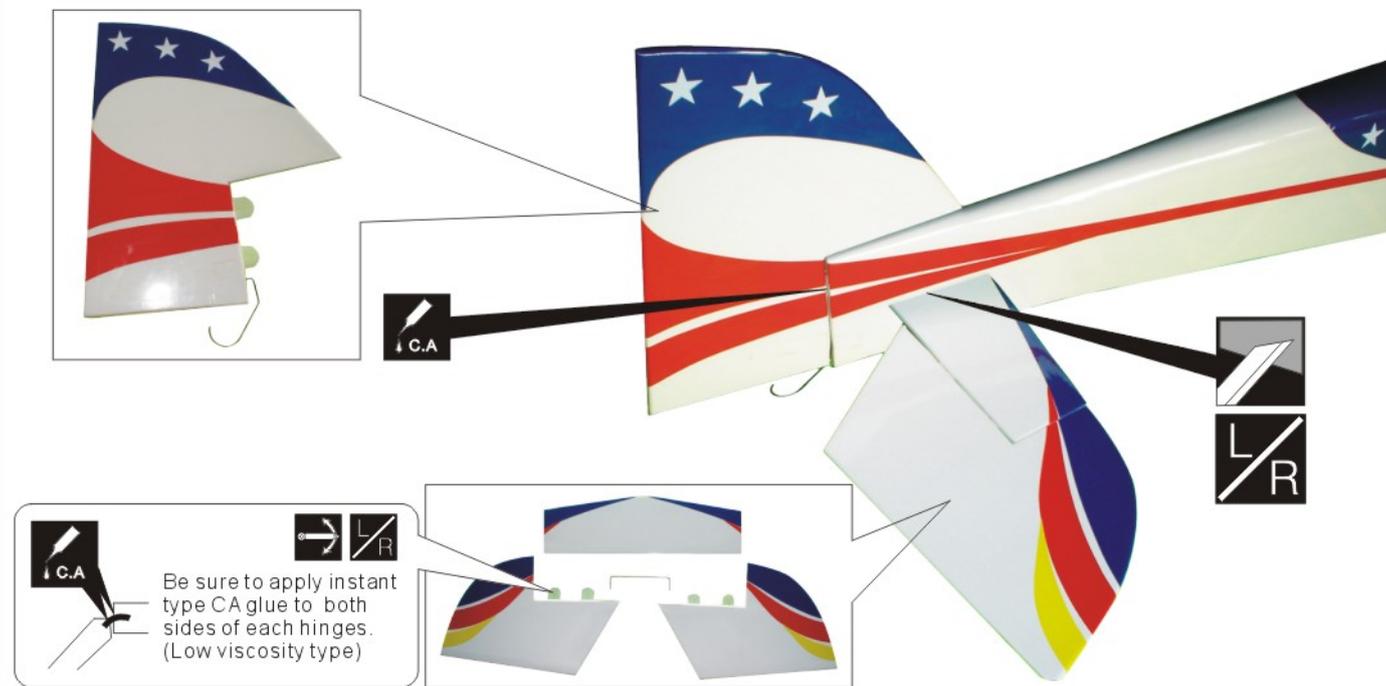
	Linkage Stopper	2		2 X 10mm Screw	6		Hom	2
	2mm Nut	2		1.5 X 280mm Rod	2			

### 3 Front Landing Gear

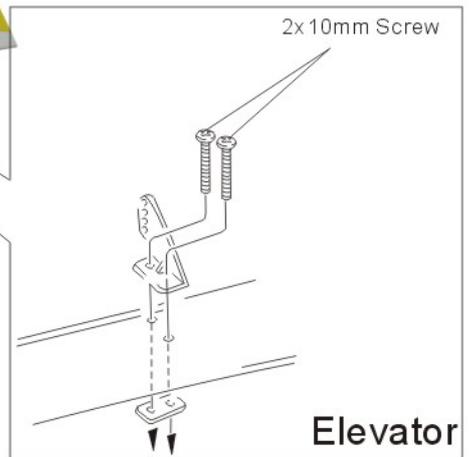
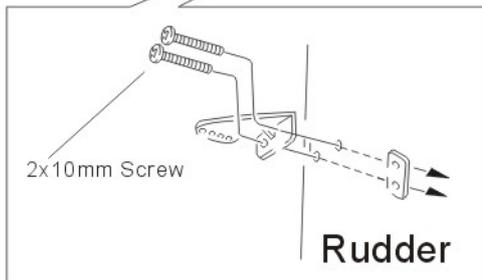
Block



### 4 Horizontal\Vertical Tail

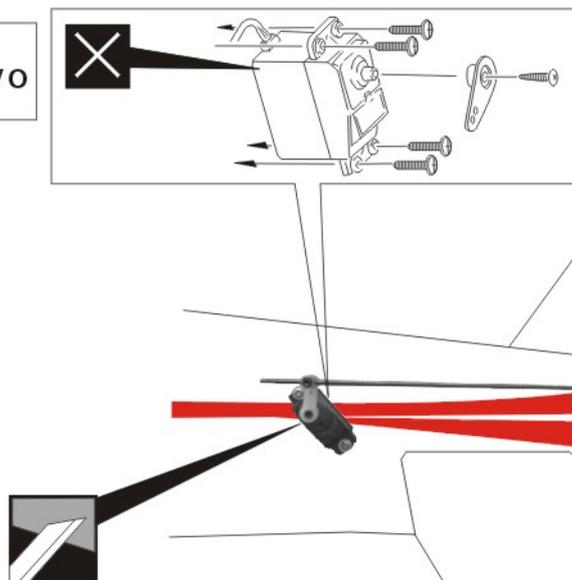


# 5 Vertical/Horizontal Tail

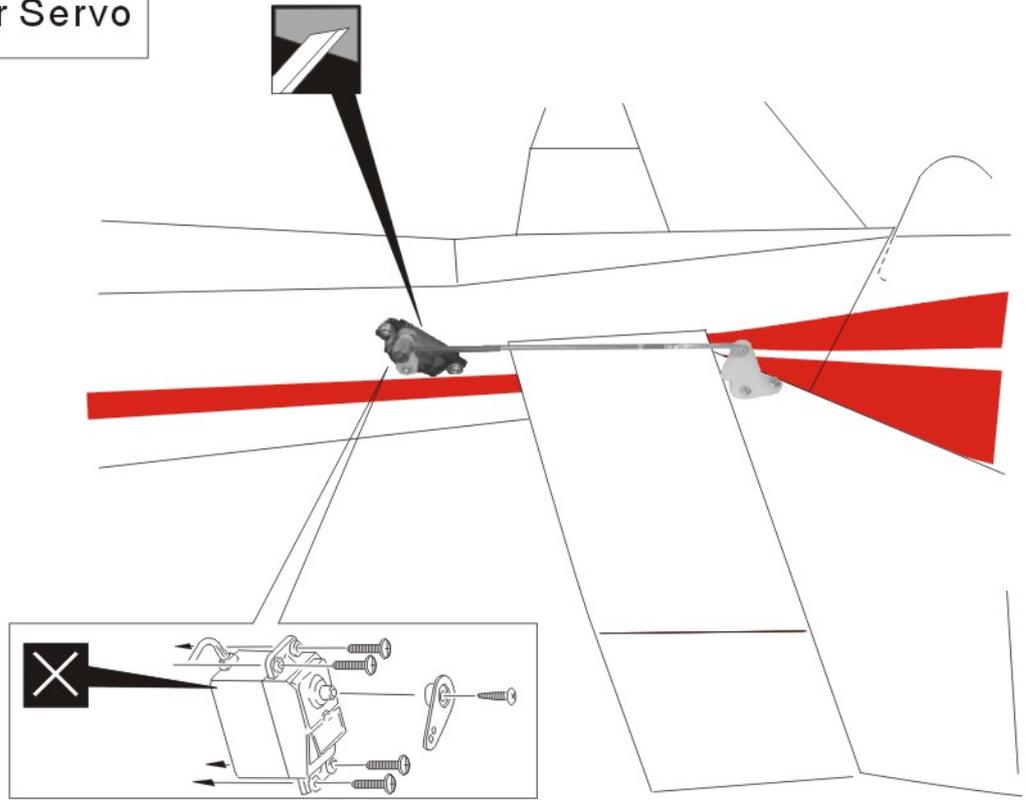


	Linkage Stopper	2		2 X 10mm Screw	6		Horn	2
	2mm Nut	2		1.5 X 280mm Rod	2			

# 6 Rudder Servo

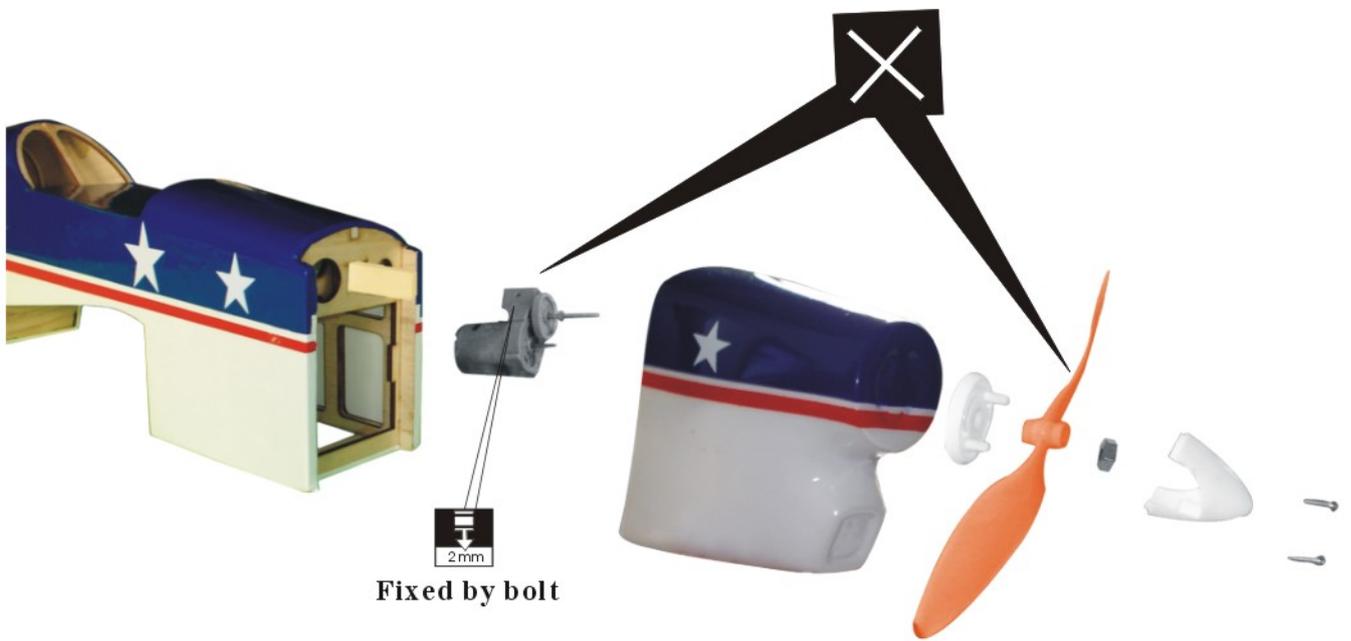


# 7 Elevator Servo



# 8 Brush Motor And Cowling Assembly

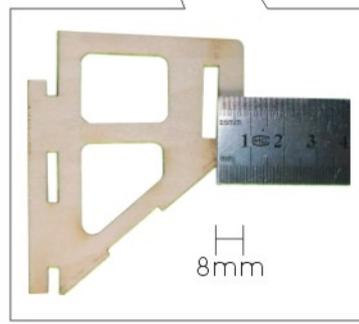
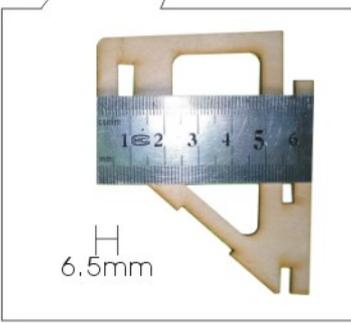
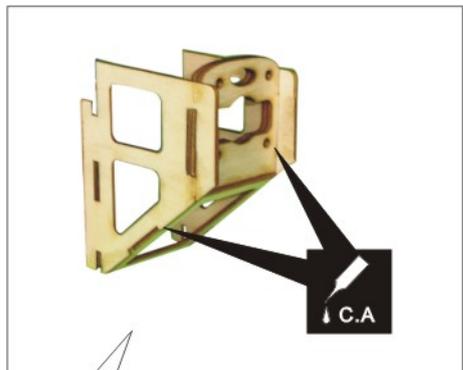
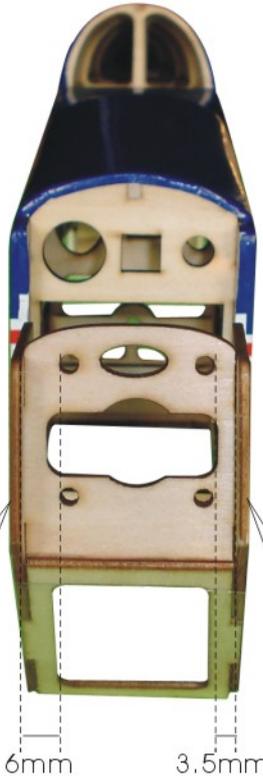
2 X 8mm TP Screw 4



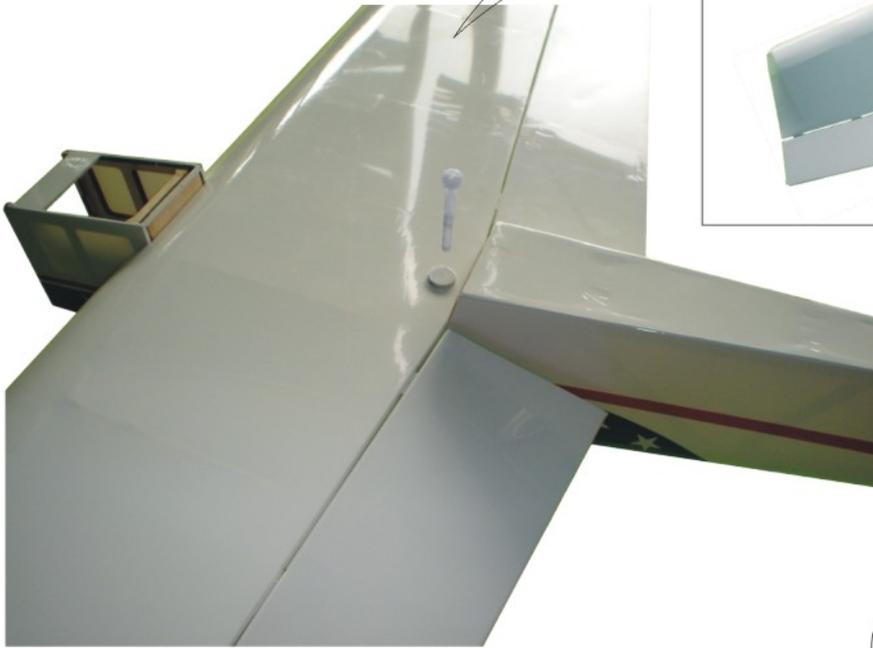
9

# Brushless Motor And Cowling Assembly

2 X 8mm TP Screw 4

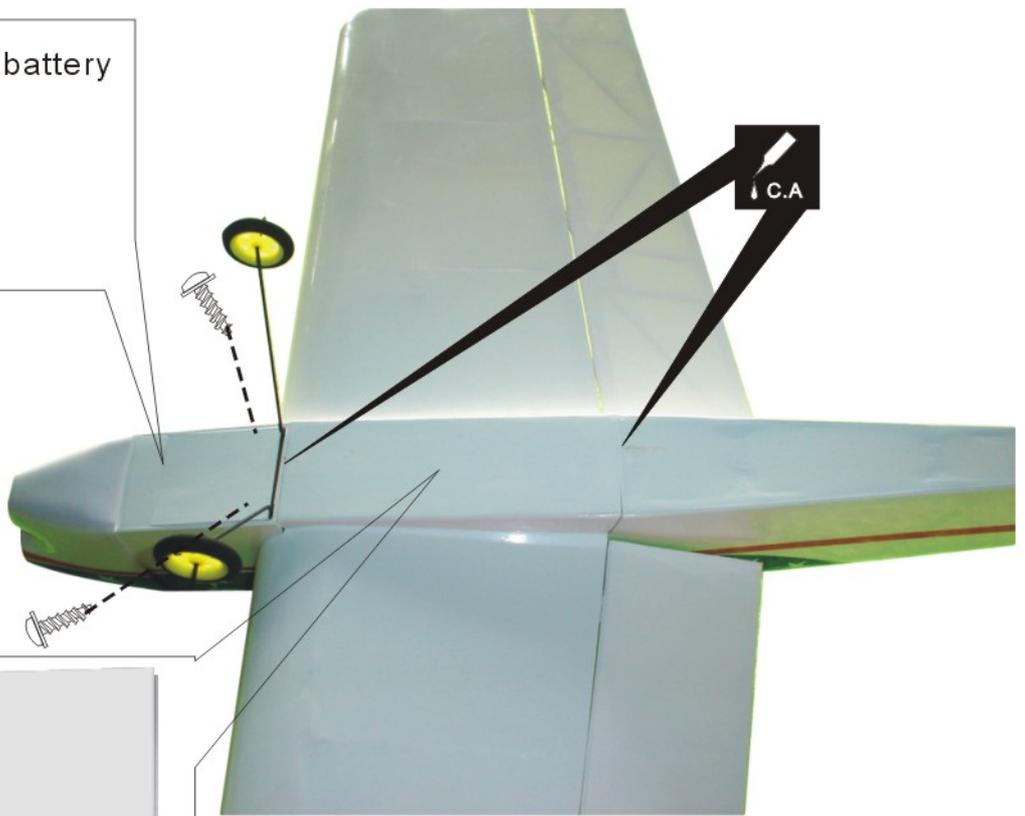


# 10 Main Wing



4 X 34mm Screw ..... 1

The cover for the battery



The holding cover for the wings

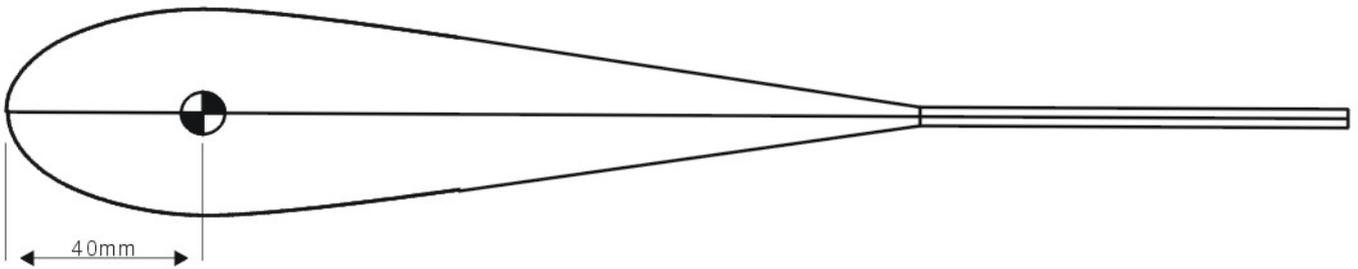


2 X 8mm TP Screw ..... 2

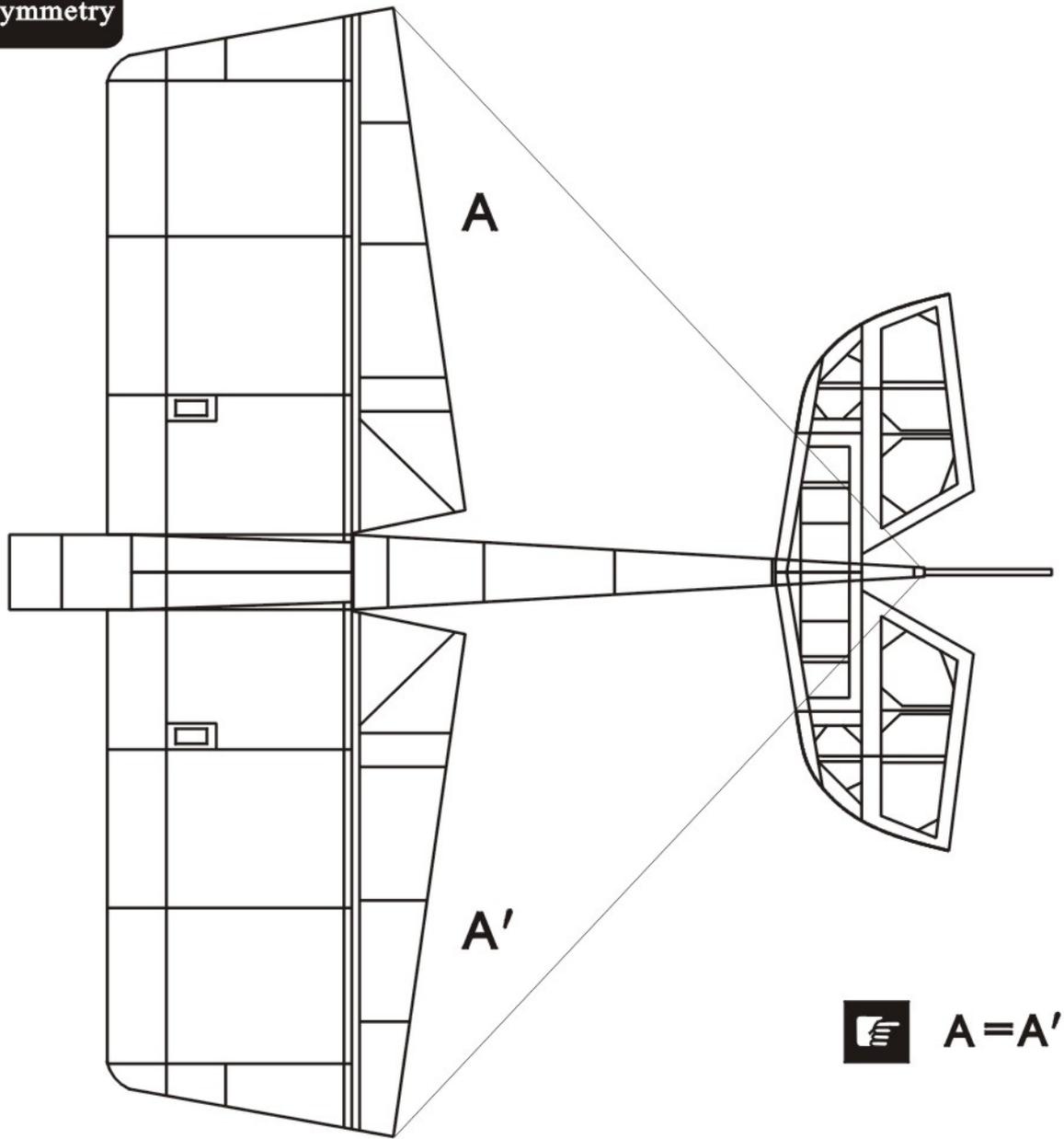
# 11 Canopy



## Center of Gravity

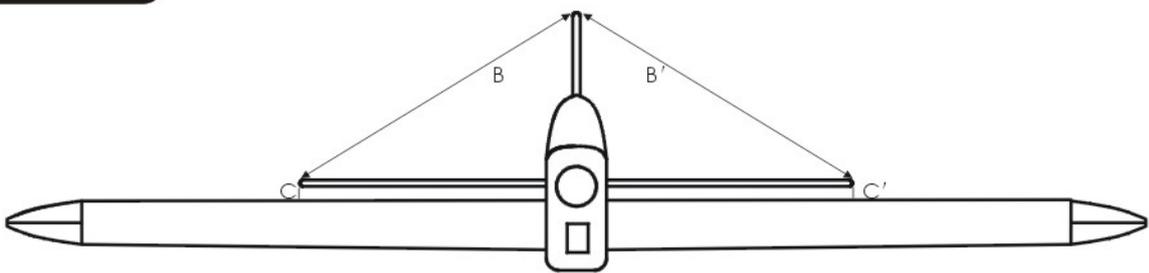


### Wing Symmetry



  $A = A'$

### Horizontal tail Symmetry



  $B = B'$   
 $C = C'$