

# Sbach 342 - 25 & EP



Brushless Motor: 3740 ; 700KV; Brushless ESC:60A  
Lipoly Battery: 14.8v ; 3300MAH; Propeller: APC 13x6  
Radio required : 4 channels , 5 servos;

## Specifications

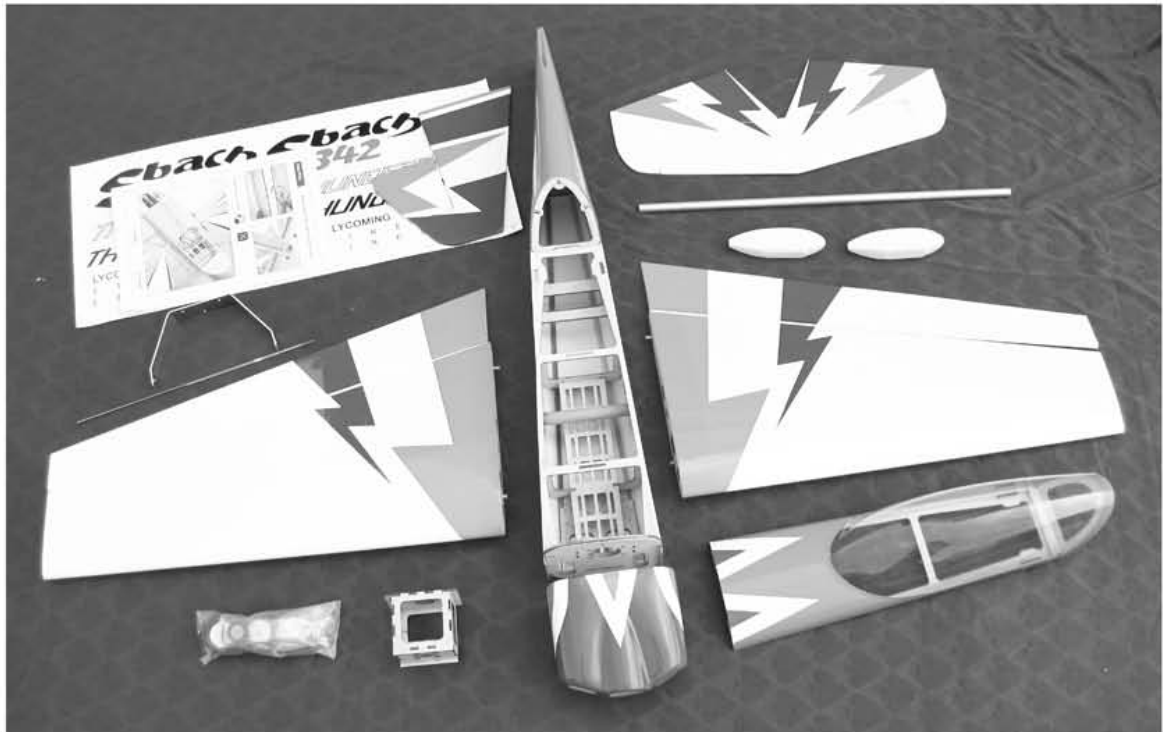
|                        |                               |
|------------------------|-------------------------------|
| <i>Wing Span</i>       | <i>48.7 in / 1238 mm</i>      |
| <i>Wing Area</i>       | <i>496 sq in / 32.2 sq dm</i> |
| <i>Flying Weight</i>   | <i>3.85 lb / 1750 g</i>       |
| <i>Fuselage Length</i> | <i>44 in / 1120 mm</i>        |

## Warning!

**This model is not a toy.**

It is designed for maximum performance. Please seek advice if one is not familiar with this kind of engine powered precision model. Operating this model without prior preparation may cause injuries. Remember, safety is the most important thing. Always keep this instruction manual at hand for quick reference.

# Sbach 342 - 25 & EP





## 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 of the following:


**AB** Apply epoxy glue.

**L/R** Assemble left and right sides the same way

 Peel off shaded portion covering film

 Drill holes with the specified diameter (here: 3mm)

 Pay close attention here!

 Pierce the shaded portion covering film.

**C.A** Apply instant glue (C.A.glue, super glue.)

 Ensure smooth non-binding movement while assembling

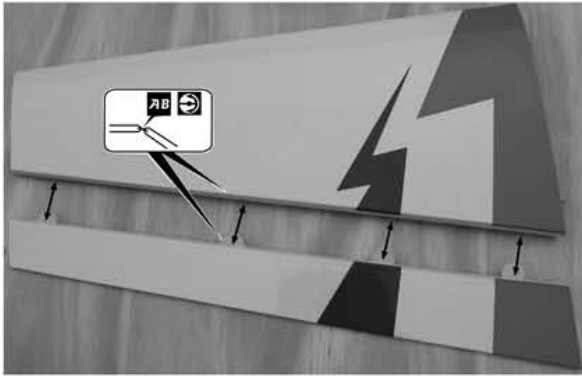
 Cut off shaded portion.

**N.I.** Must be purchased separately!

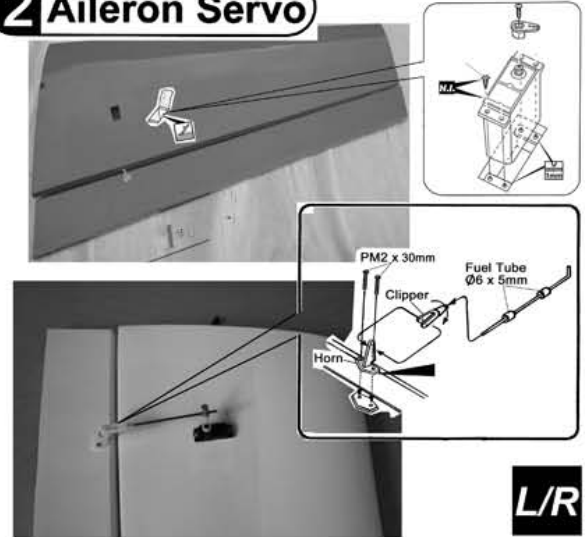
 **Warning!**

Do not overlook this symbol!

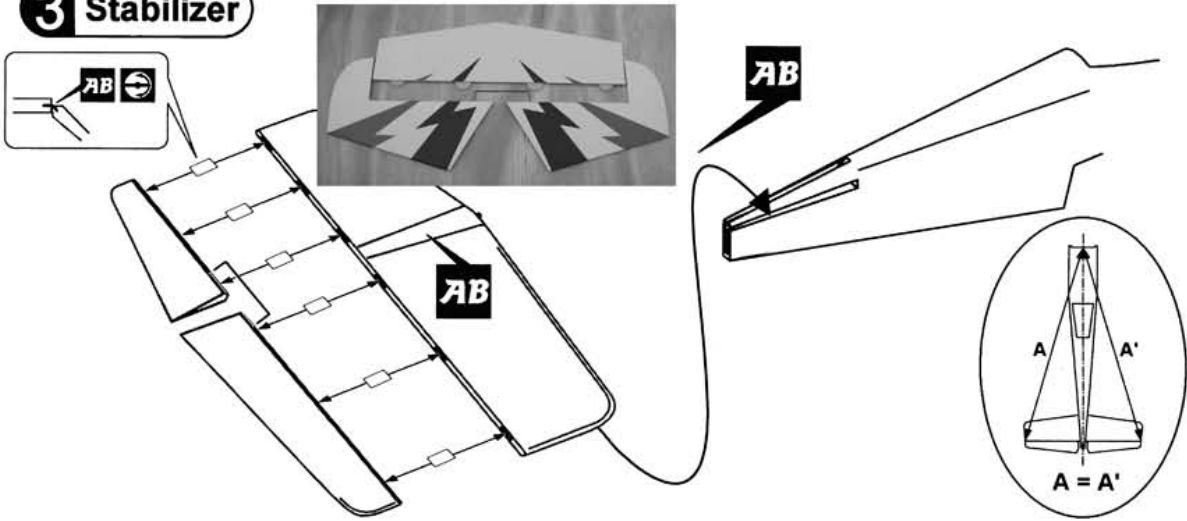
# 1 Aileron



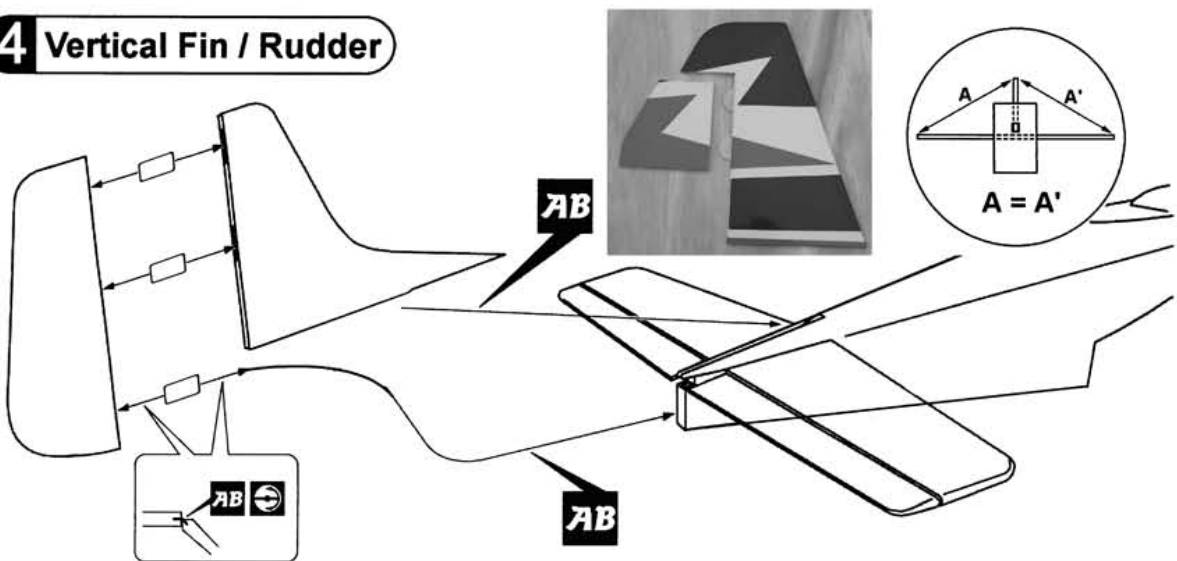
# 2 Aileron Servo



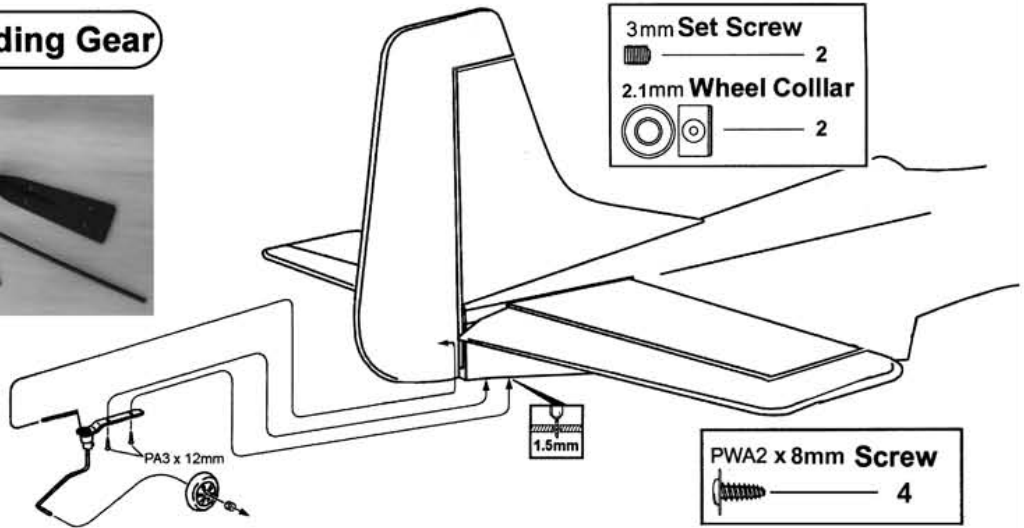
# 3 Stabilizer



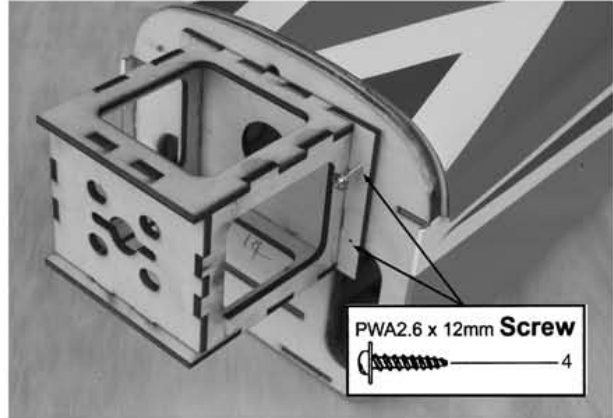
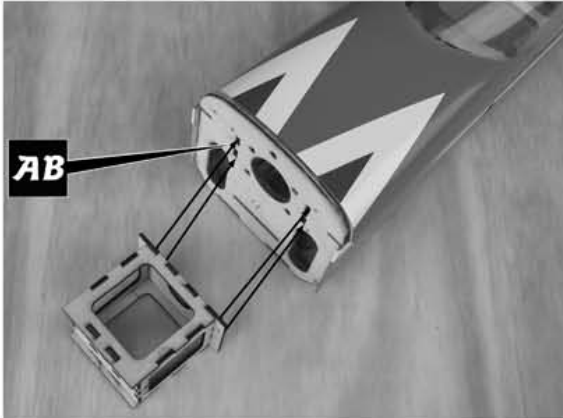
# 4 Vertical Fin / Rudder



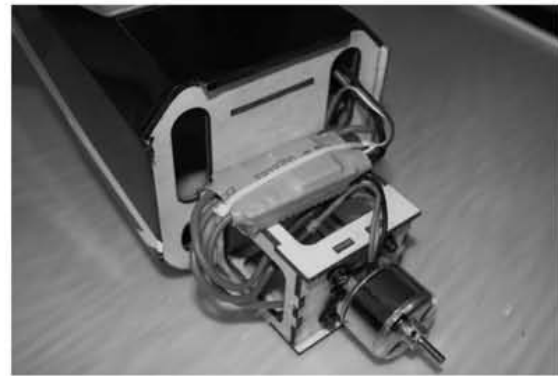
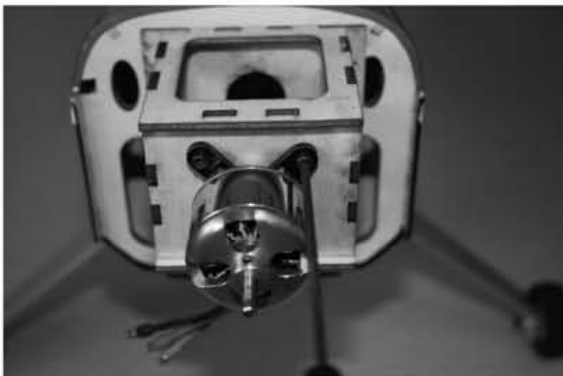
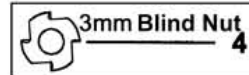
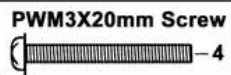
## 5 Tail Landing Gear



## 6 Motor Mount



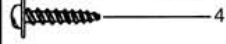
## 7 Motor



Brushless Motor: 3740 ; 700KV; Brushless ESC:60A  
 Lipoly Battery: 14.8v ; 3300MAH; Propeller: APC 13x6

## 8 Cowling

PWA2.6 x 12mm Screw



Brushless Motor: 3740 ; Brushless ESC:60A

Lipoly Battery: 14.8v ; Propeller: APC 13x6

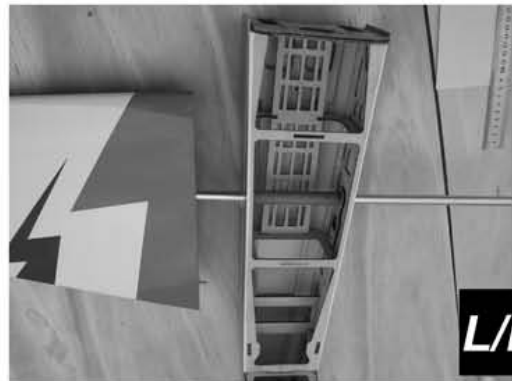
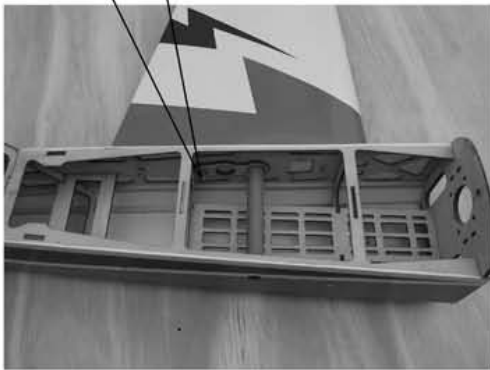


## 9 Main Wing

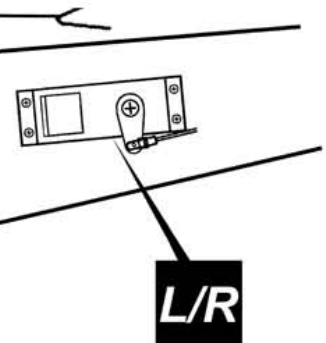
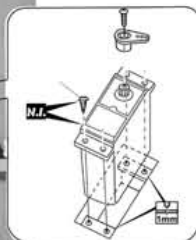
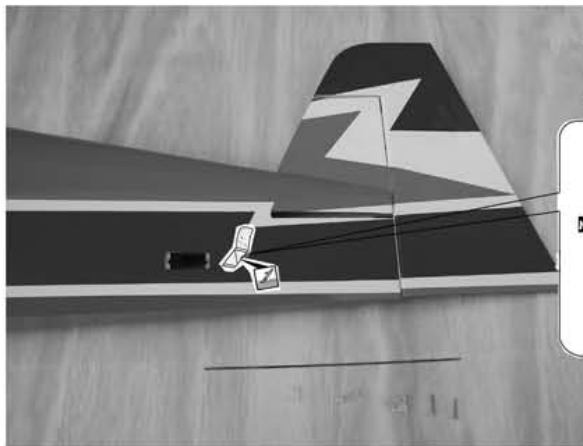
PWM3X20mm Screw



Wing Joiner: D15X530MM X 1PC

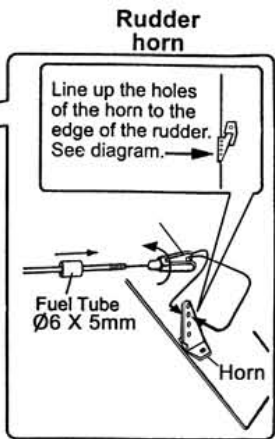
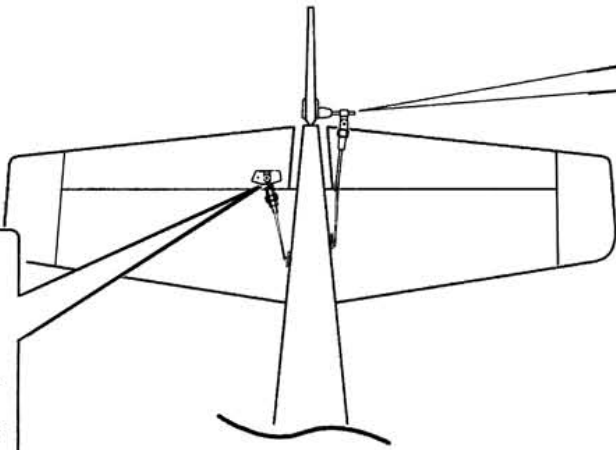
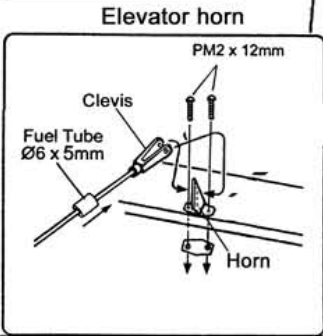


## 10 Radio Equipment



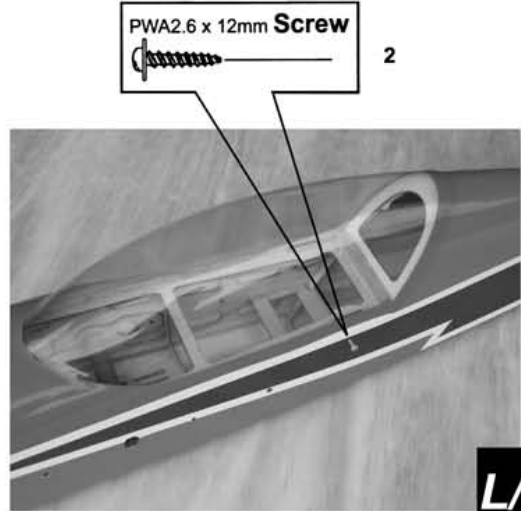
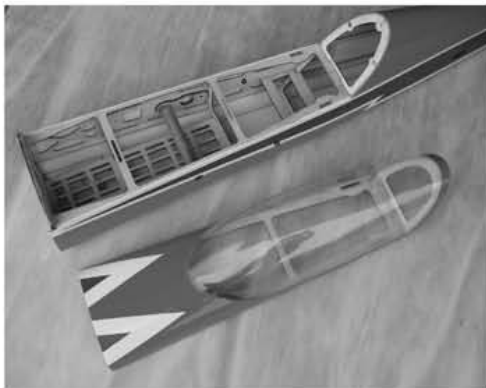
# 11 Linkage

- PM 2 x 12mm Screw — 2
- PM 2 x 16mm Screw — 2



● Bottom View

# 12 Canopy

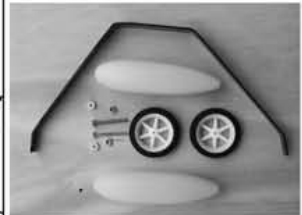
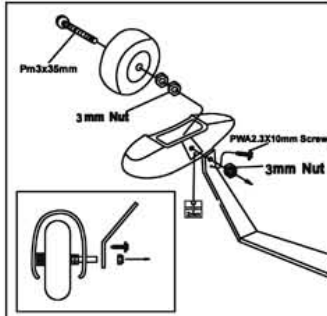


# 13 Landing Gear

- PWM3X20mm Screw — 3

- PM3X35 mm Screw — 2
- 3mm Nut — 2

- 3mm Set Screw — 2
- 3.1mm Wheel Collar — 2



## 14 Servo Set

### Linkage Stopper

3 x 3mm Set Screw

4

Linkage Stopper

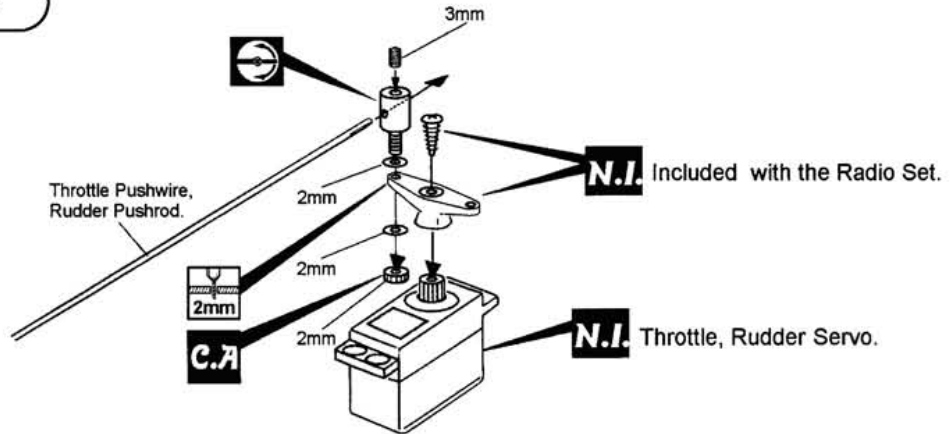
4

2mm Nut

4

2mm Washer

8



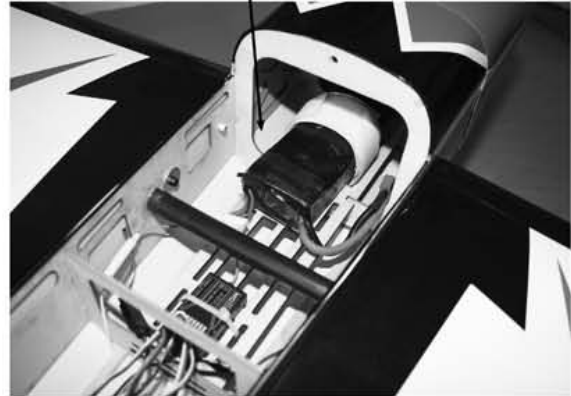
**!** Please refer to attached sheet for linkage stopper installation.

## 15 Radio Equipment

Receiver



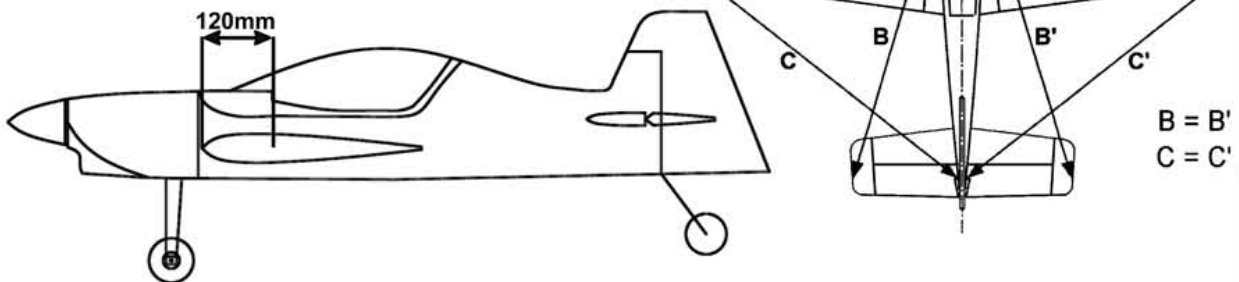
Battery



## 16 C.G

Adjust the wing and fuselage configuration as in the diagrams.

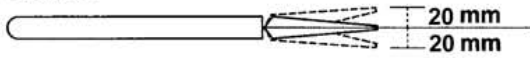
The ideal C.G position is 120mm (4.72 in) behind the leading edge measured at where the wing meets the fuselage. In order to obtain the C.G. specified, add weight to the fuselage or move the battery position. Check the C.G. before flying.



## 17 Control Throws

Adjust the control throws as shown in the diagram. These throws are good for general flying. you can adjust according to your personal preference.

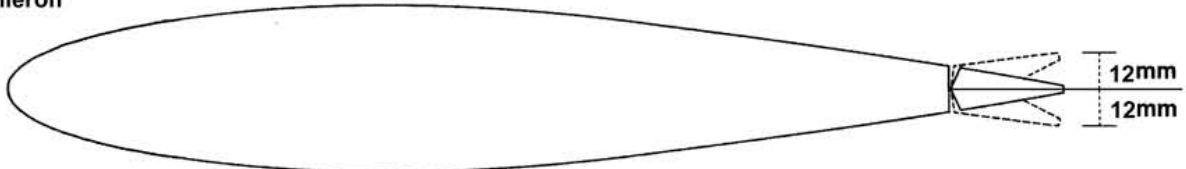
Elevator



Rudder



Aileron



SBACH 342 -25 —EP has two color schemes which Hobby-China designed. As for new product, please log on Hobby-China's website to have a look.

Black / White Colour



Orange / White Colour

### **!** Warning!

#### Important Safety Precautions

- # First time flyer should never fly by himself / herself. Assistance from experienced flyer is absolutely necessary.
- # Pre-flight adjustment must be done before flying, it is very dangerous to fly a badly pre-adjusted aircraft.
- # **Sbach 342-25 & EP** is designed to be powered by Brushless Motor: 3740 ; 700KV using a more powerful engine does not mean better performance. In fact, over powered engine may cause structural damage and injuries.
- # Make sure the air field is spacious, never fly the plane too close to people and never get too close to a running propeller.
- # If you find wrinkles on the covering as a result of weather changes, you can use hot iron to remove the wrinkles. Please begin with lower temperature setting and gradually raise the temperature until the wrinkles are gone. Too hot an iron may damage the covering.
- # Check and re-tighten up all factory assembled screws, use thread locker if applicable.