

# CESSNA 337



## Specifications

<b>Wing Span</b>	<b>80in/2040mm</b>
<b>Wing Area</b>	<b>930sq in/60sq dm</b>
<b>Flying Weight</b>	<b>10 lbs/4540g</b>
<b>Fuselage Length</b>	<b>62in/1573mm</b>
<b>Engine</b>	<b>52(2c) × 2</b>
<b>Radio</b>	<b>5 channels 9servos</b>

### **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.**

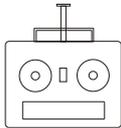
# CESSNA 337

## INDEX

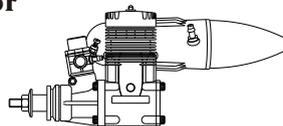
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### REQUIRED FOR OPERATION (Purchase separately!)

**1** 4 Channel R/C Transmitter



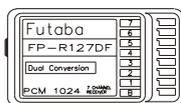
**3** Motor



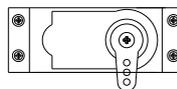
**5** Propeller



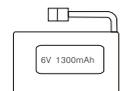
**2** 4 Channel Mini R/C receiver



**4** Helm

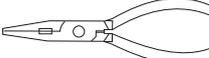


**6** Battery of receiver



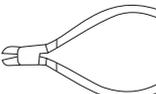
### TOOLS REQUIRED (Purchase separately!)

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. Please DRY FIT and check for defective for all parts that will require CA or Epoxy for final assembly. Any parts you find to be defective after the gluing process may be difficult to remove for warranty replacement. The manufacturer will replace any defective parts, but will be difficult to extend to the good parts that are good before gluing to defective parts during assembly.
3. Symbols used throughout this instruction manual, comprise:



Apply P.A Glue



Pay close attention here



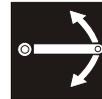
Drill holes with the specified diameter (here: 2mm)



Apply C.A Glue



Cut off shaded portion



Ensure smooth non-binding movement while assembling



Apply A.B Glue

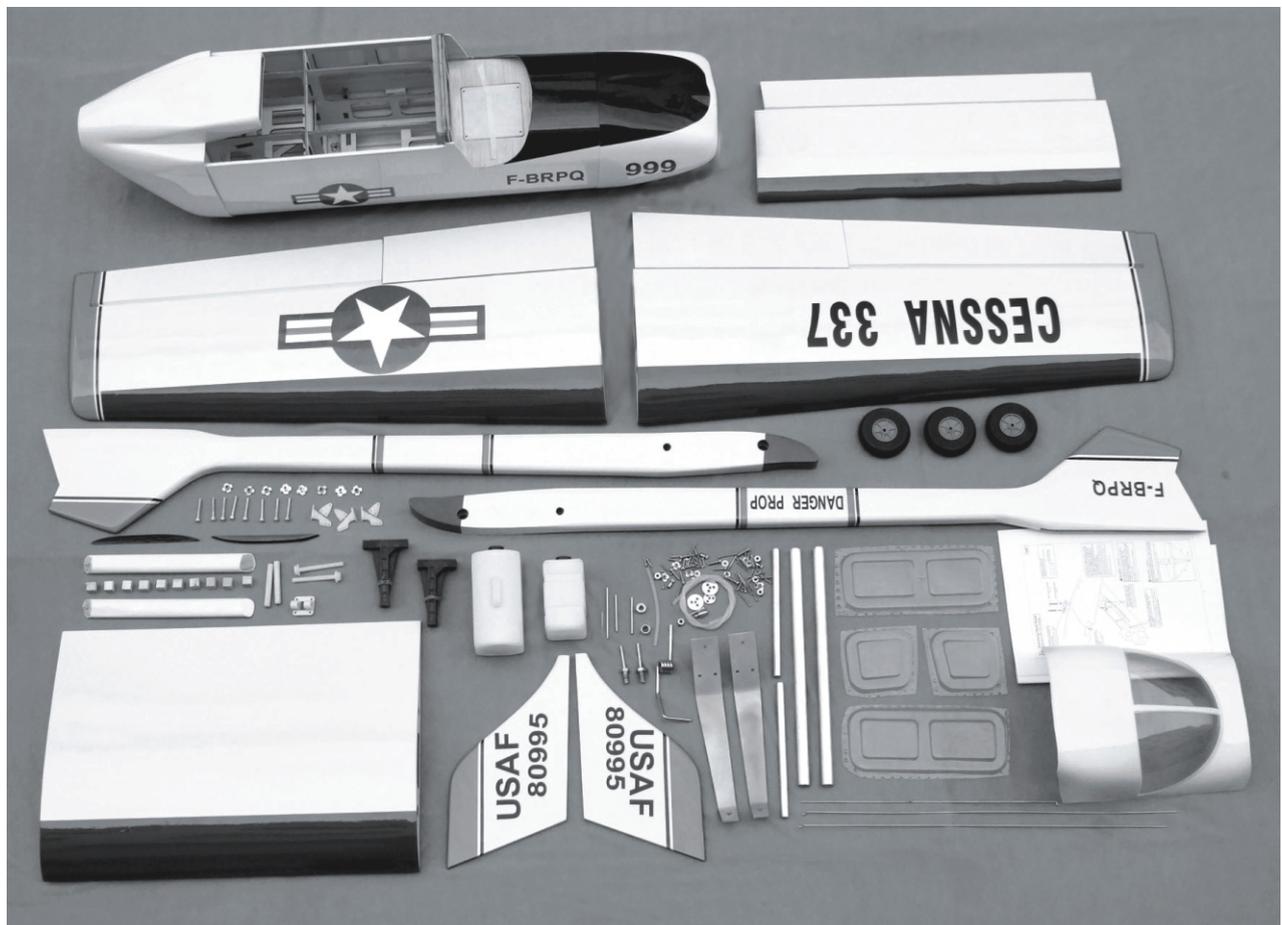


Purchase separately



Assemble left and right sides the same way

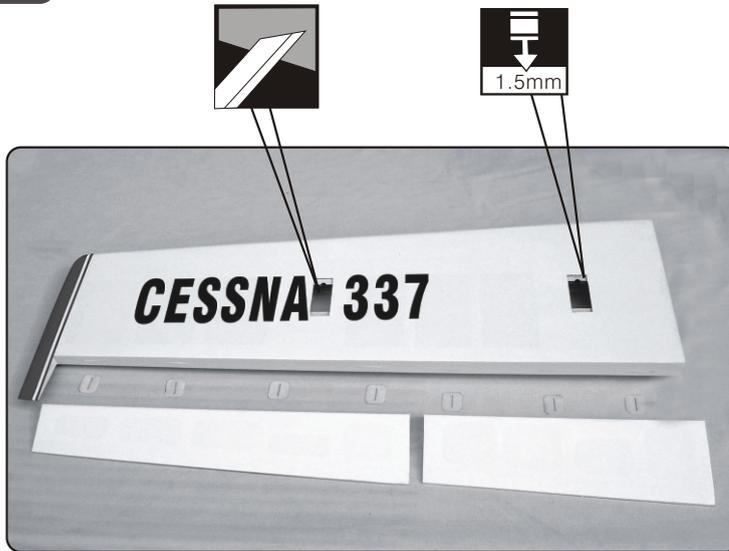
## Parts List



# ASSEMBLY

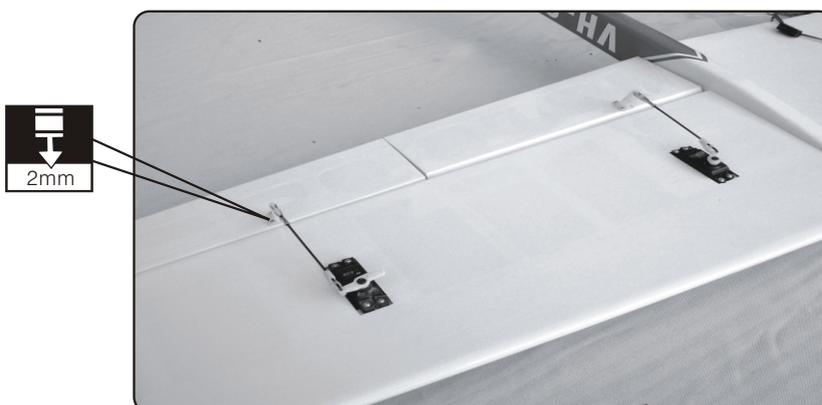
## Main Wing

Please connect the wing with the hinges



## Aileron servo

Please drill 2mm pilot holes for the model tri-horn .When assembling the servo ,please length the leads and go through the hole like the diagram,and use the PM 2×25mm screw assembled the tri-horn.

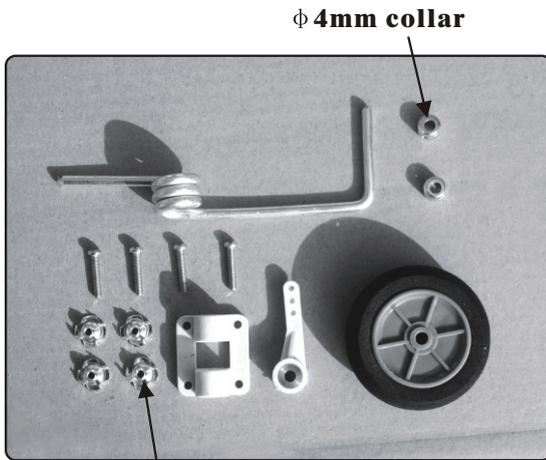


Complete

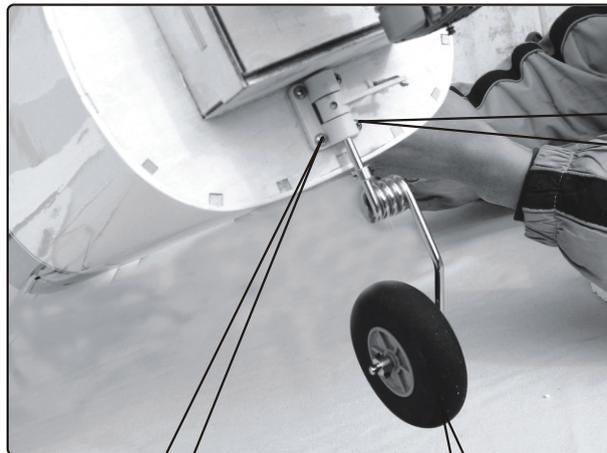


## Landing Gear

Settle the shake arm for pushrod, then assemble the landing gear according to the diagram. In the assembly, use  $\phi$  4mm collar and the 3\*15 round-head screw.



4mm blind nut



Round head screw 4×15mm

Wheel  $\phi$  70mm

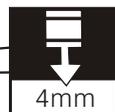
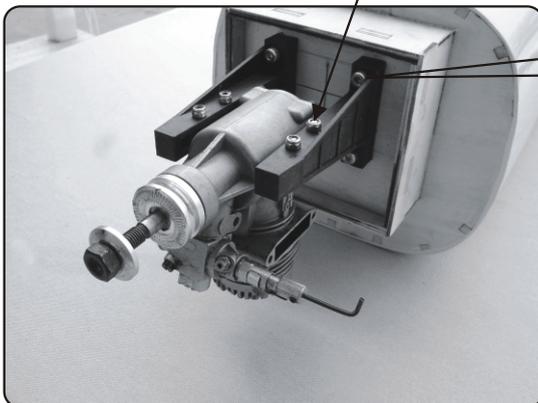


The shake arm must cut two holes off, and the blind nut must be settled inside of the fuselage

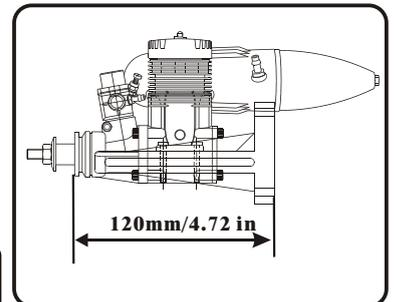
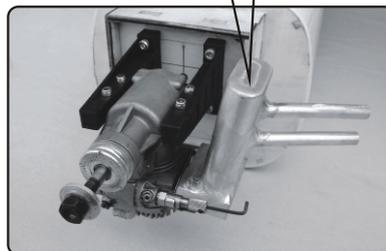
## Engine

Round-head screw 4×25mm/captive nut 4mm

Please install the engine according to the diagram



Please install the muffle like this



Throttle pushrod

The behind engine

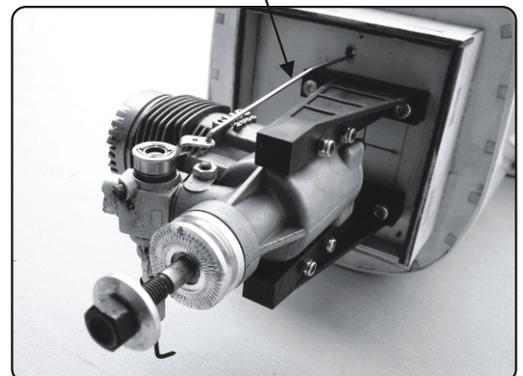
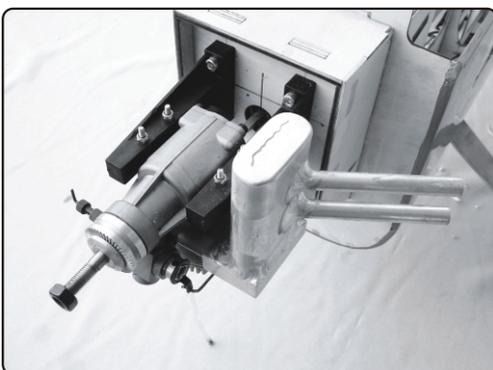
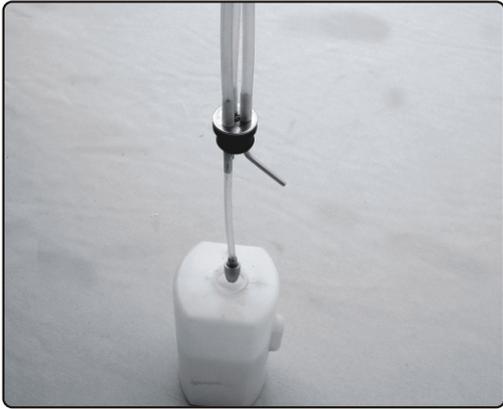


Illustration is for inverted mounting. You can mount the engine upright or side ways simply by rotation the engine mount. Thrust angles will not be affected, and the two engine must be on the same rate make the safety fly.

## Fuel Tank



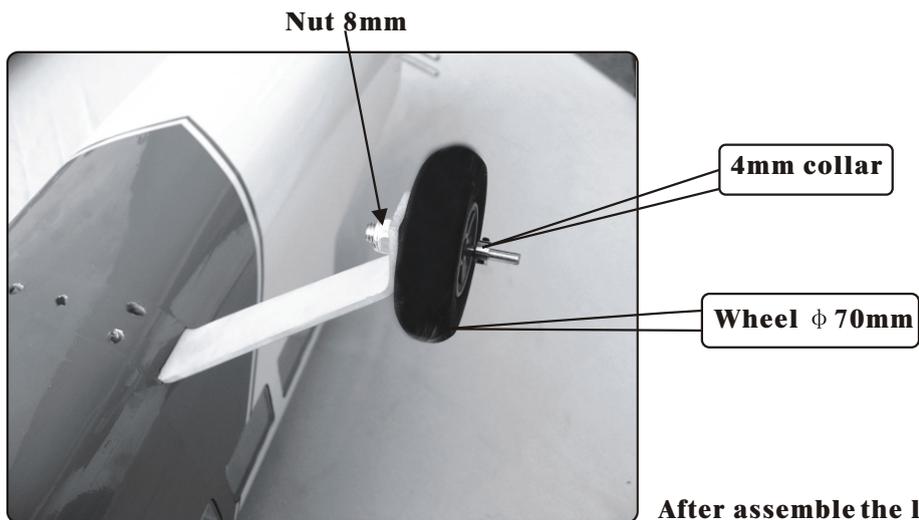
Please settle the fuel tube according the diagram



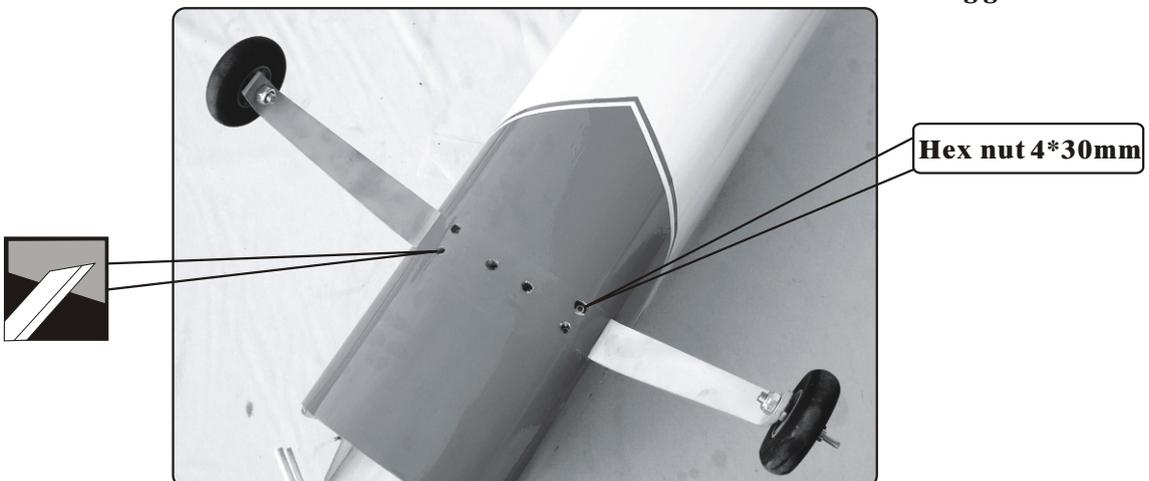
Please assemble the fuel tank like this, then use foam to keep the tank tightly

## Main landing gear

Please assemble main landing gear like the diagram



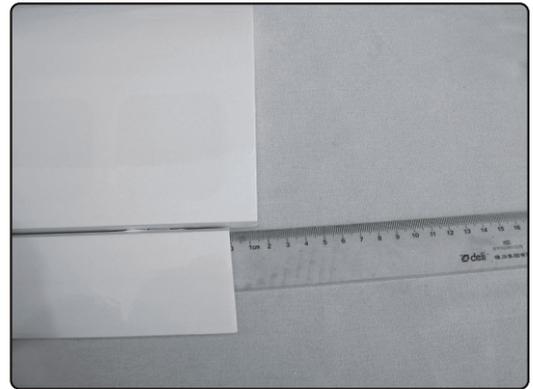
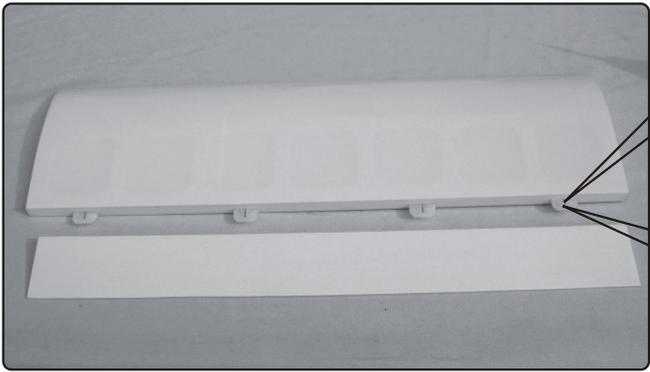
After assemble the landing gear, use hex nut screw 4\*30mm to keep the landing gear



## Elevator

Connect the elevator with the hinge

The distance must be 5.9 in/150mm

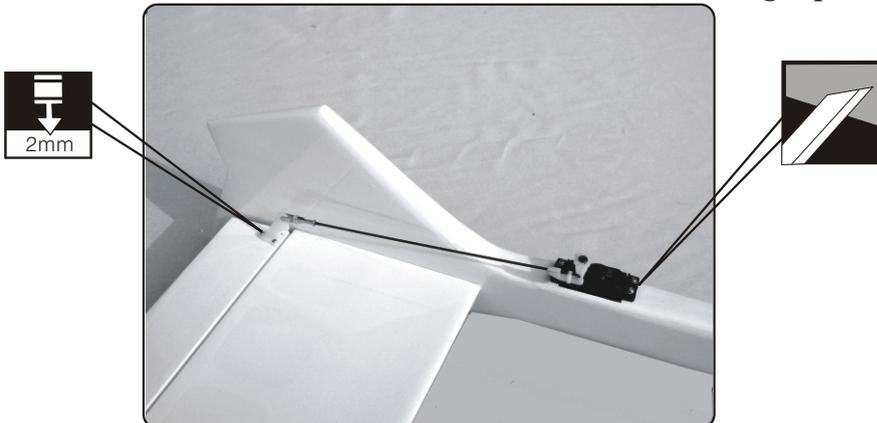


Round-head screw 2\*25mm

Then keep the elevator by the screw

## Elevator servo

Please assemble the both sides of elevator pushrod like the diagram.and put the servo on the right place

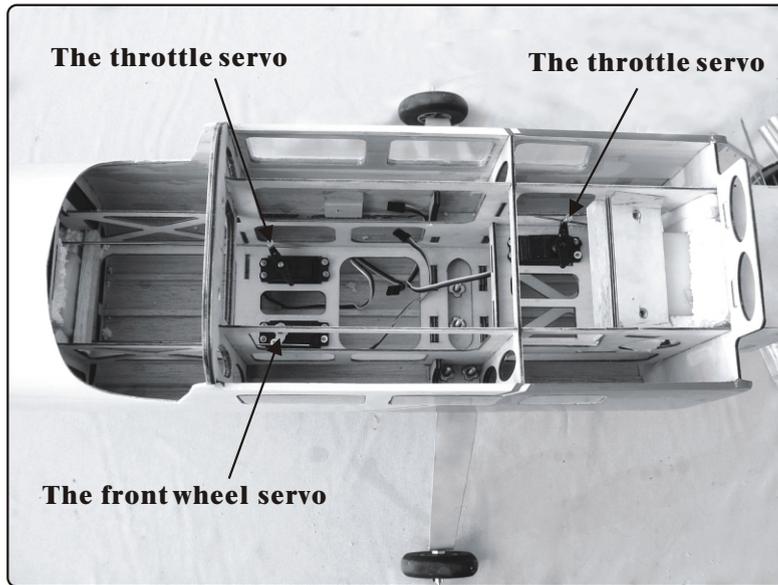


When assemble the servo,please length the lead,and through the fuselage



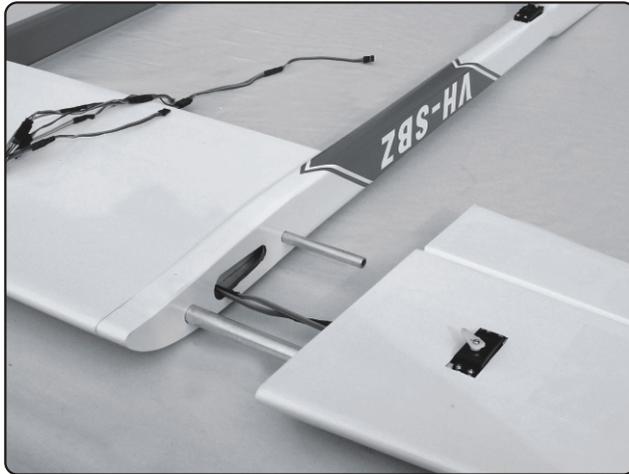
## Radio equipment

Please settle the servo according the diagram.  
And put the servo on the right place.

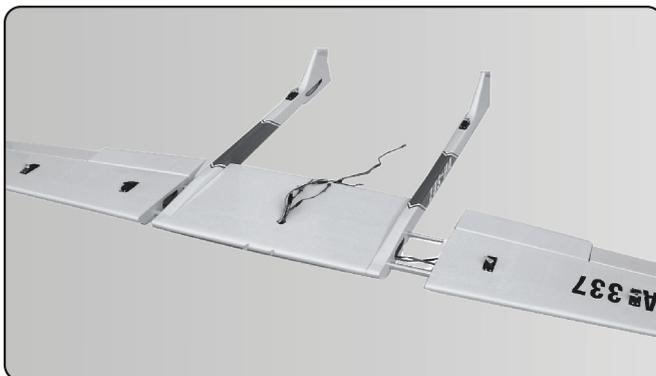


## Main wing

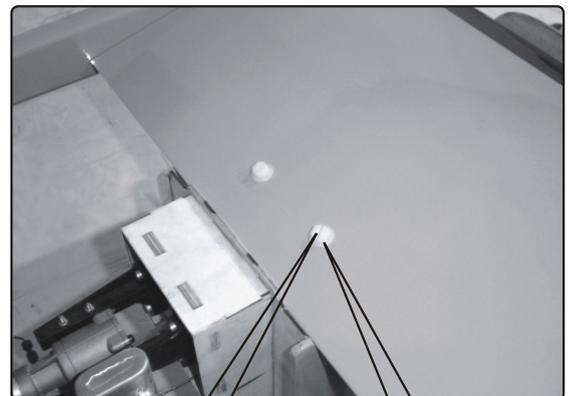
Insert the aluminum tube into the hole  
on the fuselage,then connect the wing



Please pay attention to the servo leads,  
through the hole on the mid wing like the  
diagram,when settle the wing on the fuselage,  
use nylon screw 6\*56mm to keep the wing



Nearly complete

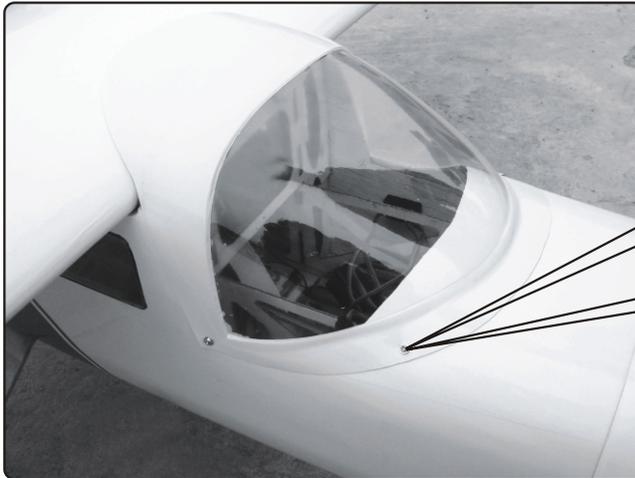


Nylon screw 6\*56mm



## Canopy

Please settle the canopy according to the diagram



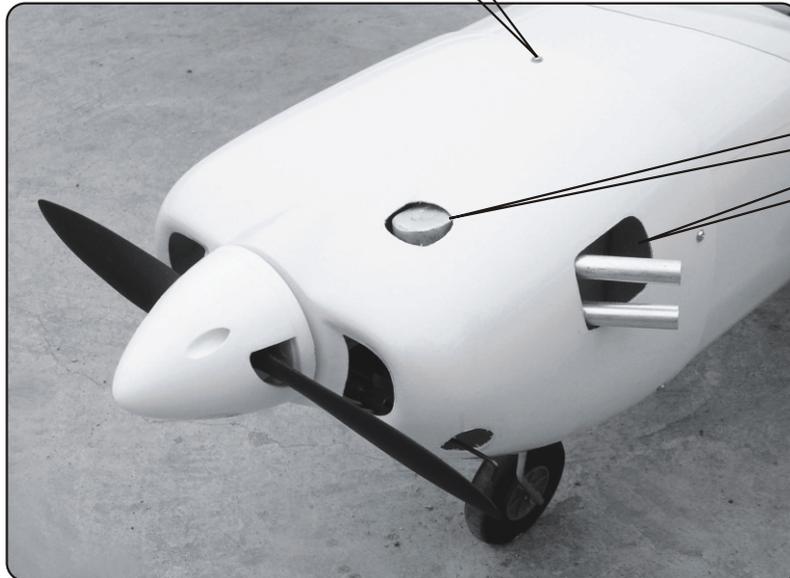
PMA 2×12mm screw



## Cowling&Spinner

Please assemble the spinner like the diagram, and settle the front cowling according the diagram.

PMA 2×12mm screw

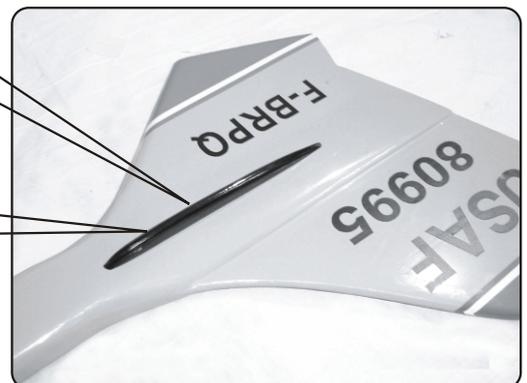


Please assemble the behind one by the same way

## Rudder

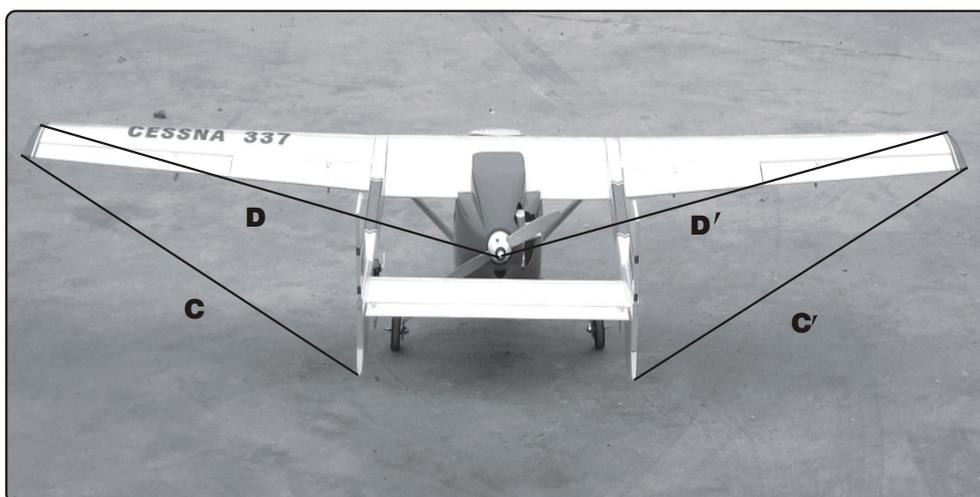
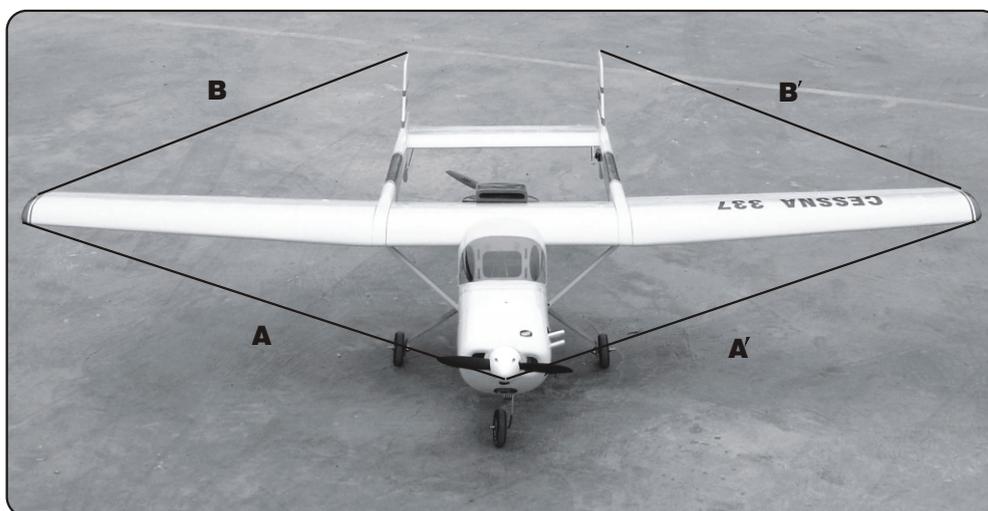
Put the rudder into the hole at the end of the fuselage

Glue the balsa sheet on the rudder



## Wing Setting

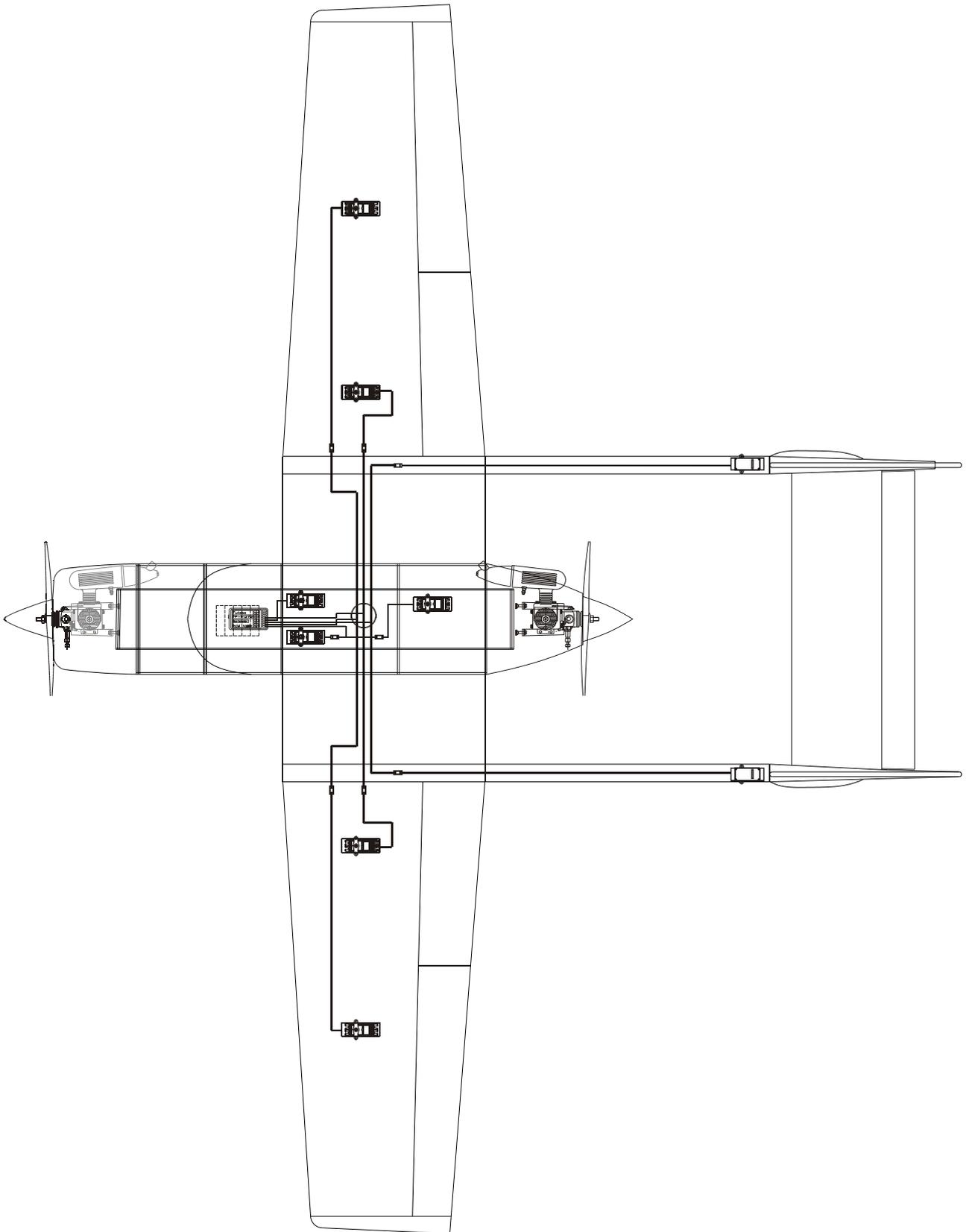
Adjust the wing and fuselage configuration as shown in the diagrams.



**A=A'    B=B'    C=C'    D=D'**

## Servo leads

When assemble the servos, please according to the diagram to settle the leads of the servo.



The dual rate of the two engine must be same, for the safety fly.

## C.G.

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



## 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.
- #Cessna 337 is specially designed to be powered by two 2C 0.40 engine, using a more powerful engine does not mean better performance. In fact, over powered engine may cause severe 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.