

# Sbach 342 EP 39" and 55" Assembly Manual



39"

55"

Wing Span:39.4in/1000mm;	Wing Span:55"/1400mm;
Wing Area:19.41sq.dm;	Wing Area:38.14sq.dm;
Length:38.4in/975mm;	Length:53.4"/1357mm;
Flying Weight:600-650g;	Flying Weight:1500-1700g;
Radio:4Channel 4-5Servos;	Radio:4Channel 4-5Servos;
Motor:AL-2836 28*36mm;	Motor:AL-5055 50*55mm.

## **CAUTION : this plane is not a toy!**

### **Before use , please carefully read this manual.**

●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.

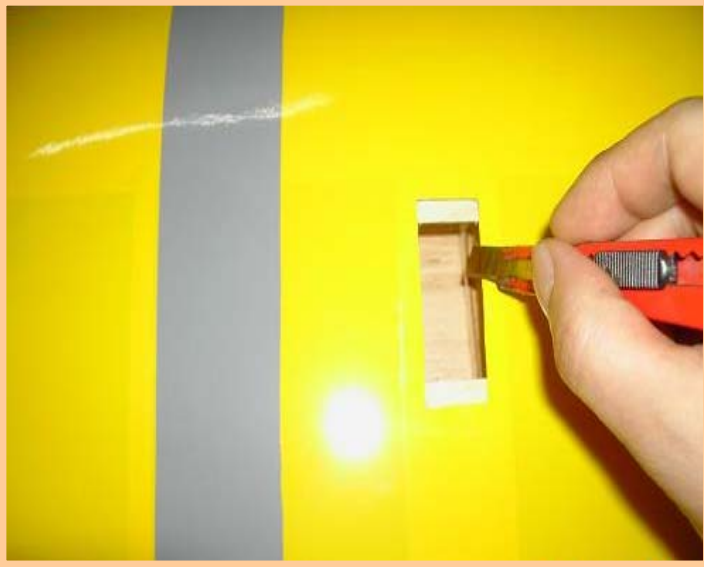
You are responsible for this model's assembly and safe operation!

●Always keep this instruction manual ready at hand for quick reference,even after completing the assembly.

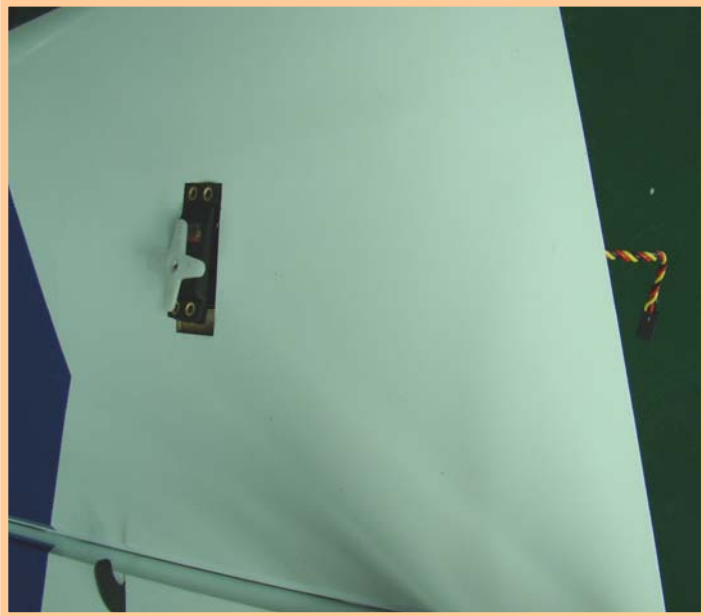


# AILERON SERVO

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Cut the servo holes on the bottom of the main wings.

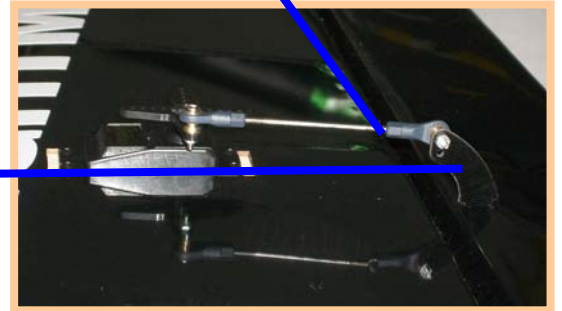
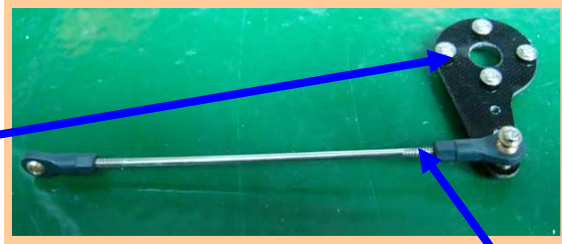


● Check for movement and center on the servo for the aileron to be in a level resting position.

● Check to make sure you have the servos in a reverse manner so ailerons will work properly.



Connect the aileron and the main wing by hinges. Be sure to apply instant type glue to both sides of each hinge.

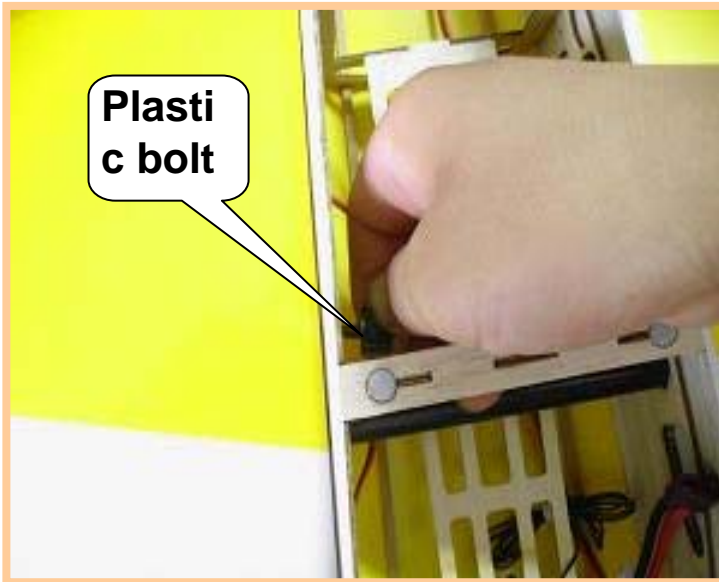


Link the servo arms and tri-horns with pushrod.



Find out the holes in each sides of fuselage,then remove the covering.Insert the carbon joiner in place,then put on wings.

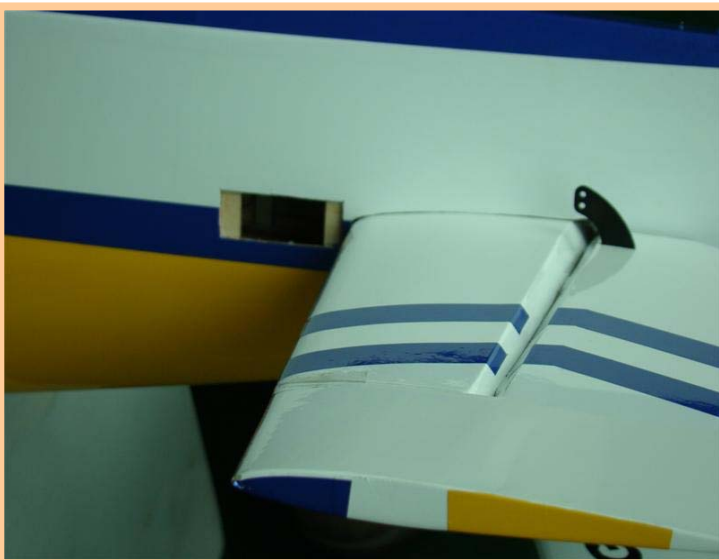
● Check to make sure you have the carbon in a right length in the wings.



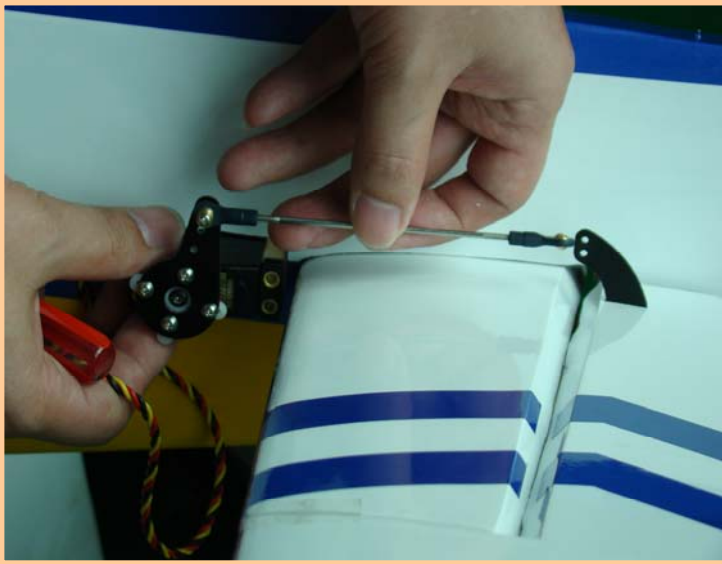
Mounting the wings with plastic bolts on both sides.



Find and cut the hole for arms.



Find and cut the hole for stabilizer assembly and rudder servo .



Insert and glue the vertical fin .

Assemble the rudder servo.



Insert and glue the stabilizer.

Assemble the elevator servo.



Apply instant type glue  
to both sides of each  
hinges of the rudder.



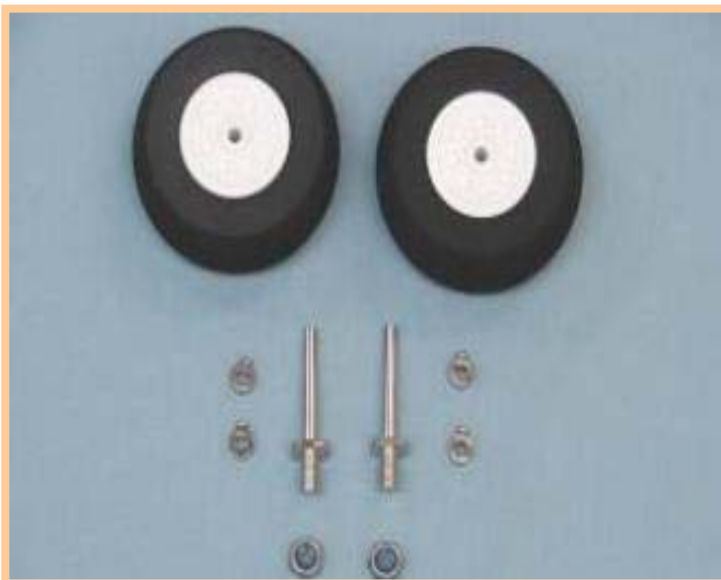
Screw four TP screws to fix up the tail wheel on the tail of the fuselage.



As shown in picture, This is finished for the tail wheel.

## MAIN LANDING GEAR

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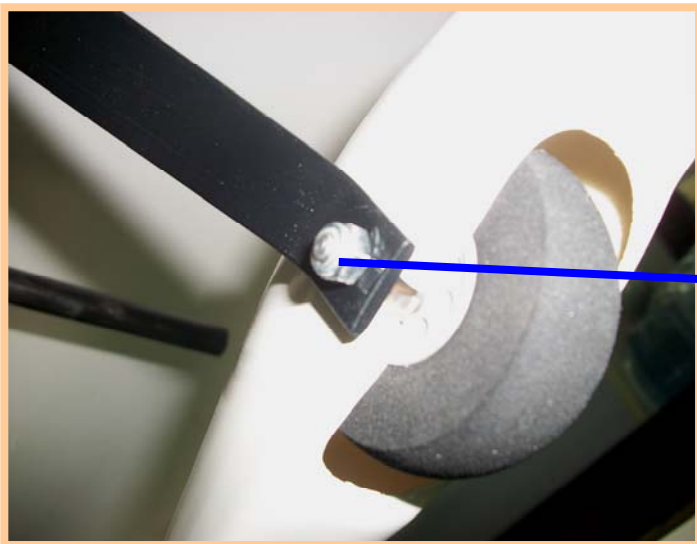


Gather the wheels, axles and collars as shown.

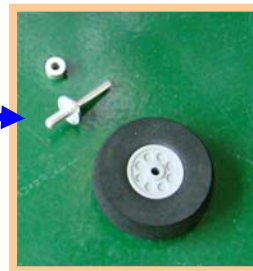


Install the main landing gear with the bolts provided and use blind nuts already installed and use blue Loctite on the mounting bolts

● Bottom View



Install wheel pants with two mounting bolts.



Wheel pants take a lot of abuse, mount securely!



As shown in picture, This is finished for the landing gear and wheel cover,wheels.

# THE MOTOR INSTALLED

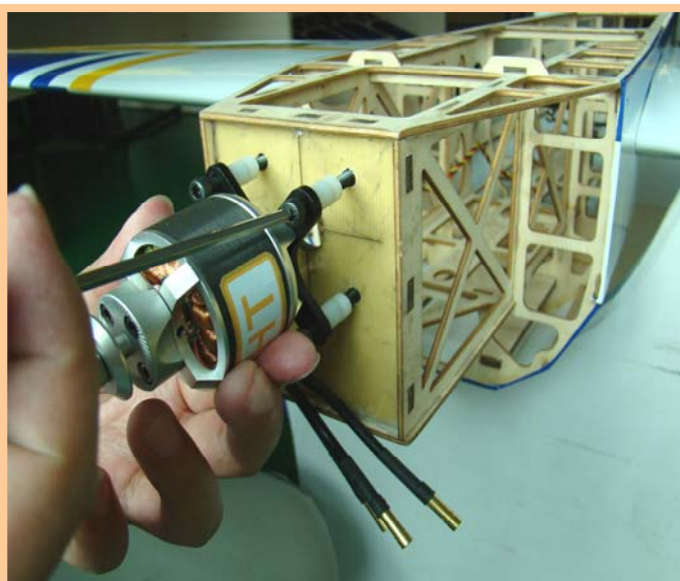
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Gather Motor,ESC, and spare parts as shown.

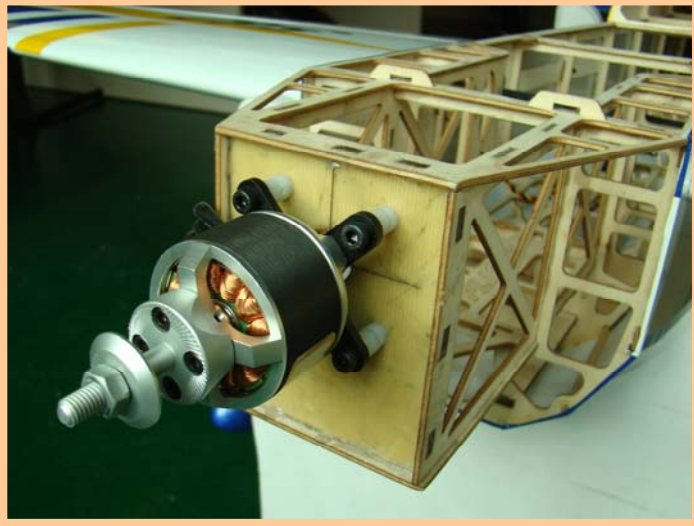


Fixup the the motor before install to the model.



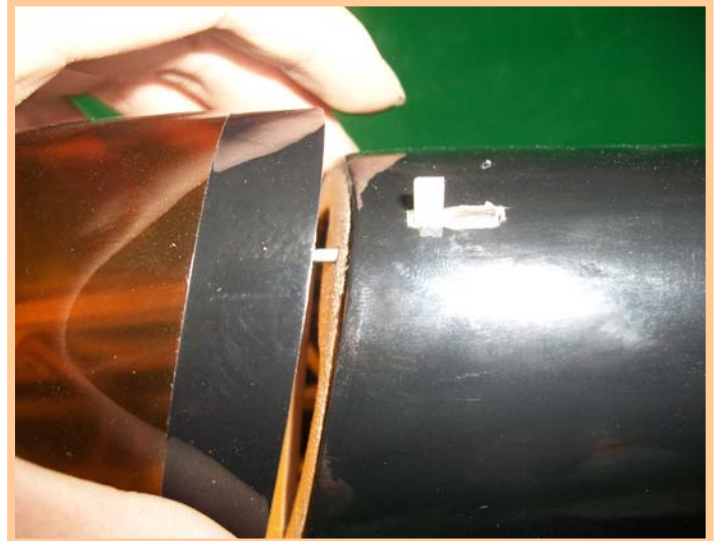
Install the motor to the four adapter and use screws to lock motor and adapter.





The finished picture as shown.  
Install the motor.

## CANOPY



With Canopy Locks tacks the canopy fixed in the fuselage.

## Assemble The Cowling

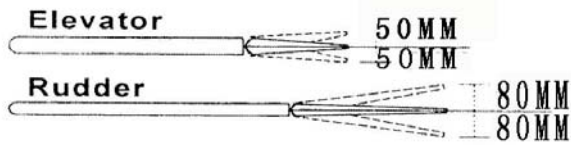


Use the TP screw and pads  
to lock the cowling.

# CG POSITION & CONTROL THROWS

## 39"

### Control Throws

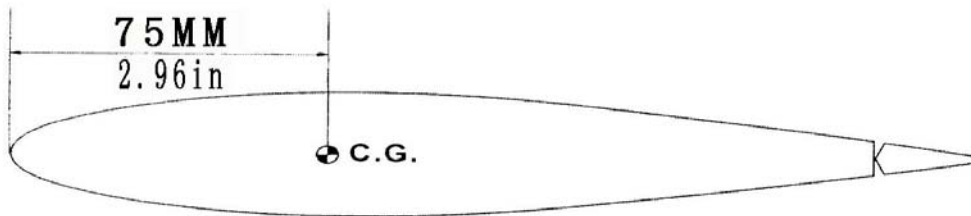


Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.

### Ailerons (away from fuselage)

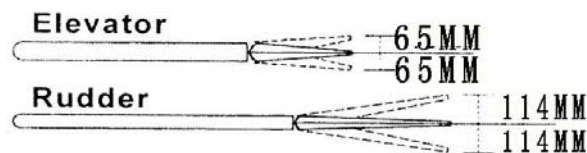


### C.G.



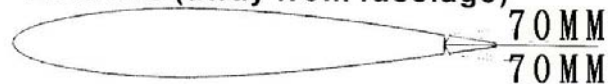
## 55"

### Control Throws

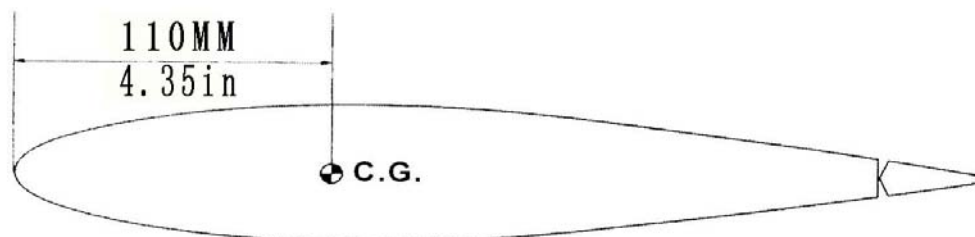


Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.

### Ailerons (away from fuselage)



### C.G.



# FINISHED PHOTO

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**Another scheme for choice**

**Flight Model MFG CO.**

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**Enjoy it**

