

# MXS-R 64"

## Assembly Manual



Wing Span:64in/1625mm;	Flying Weight:2700g;
Wing Area:50.1sq.dm;	Radio:4Channel 6Servos;
Length:59 in/1500mm;	Engine:20CC Gas

**CAUTION : this plane is not a toy and should be kept away children under 16 years of age! 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.



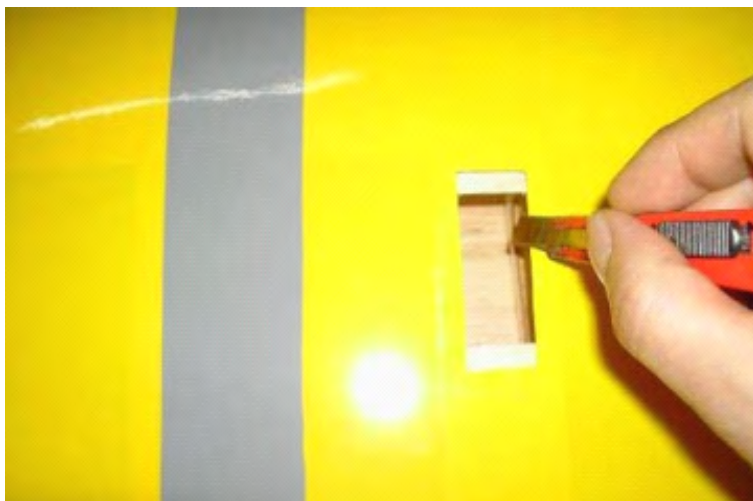
# MAIN WING



Apply epoxy into  
hinge hole of the wing



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



Cut the servo holes on the  
bottom of the main wings





Use glue to fix up the horns



Install push-rod, used ruler to measure the length



Put the servo into the hole and fix it with screws.



Link the servo arms and tri-horns with pushrod

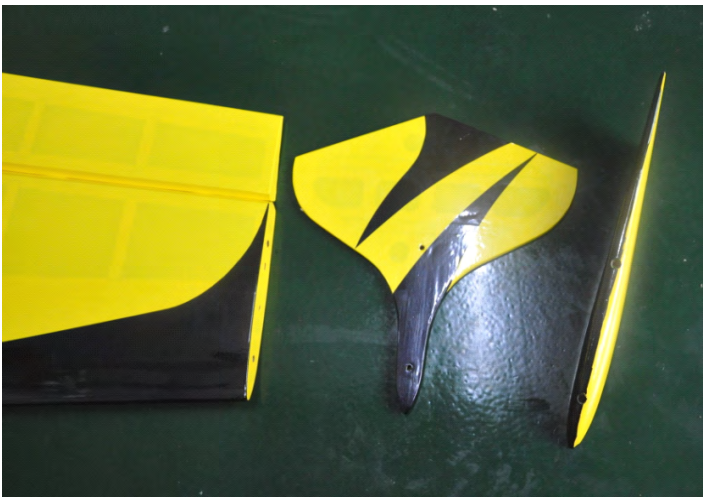


Drill the holes on the wing tips



Be assured that the screw is fixed up





You can also install wingtip winglet, as shown.



## STABILIZER AND ELEVATOR

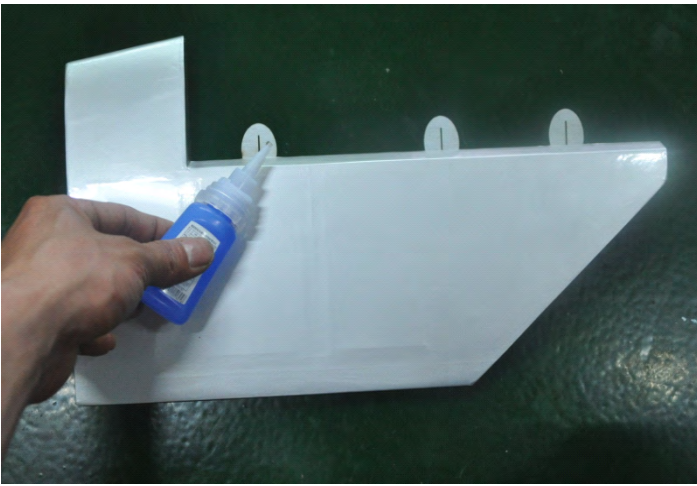
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Cut the servo holes on the profile of the fuselage



Fix up the stabilizer of the fuselage



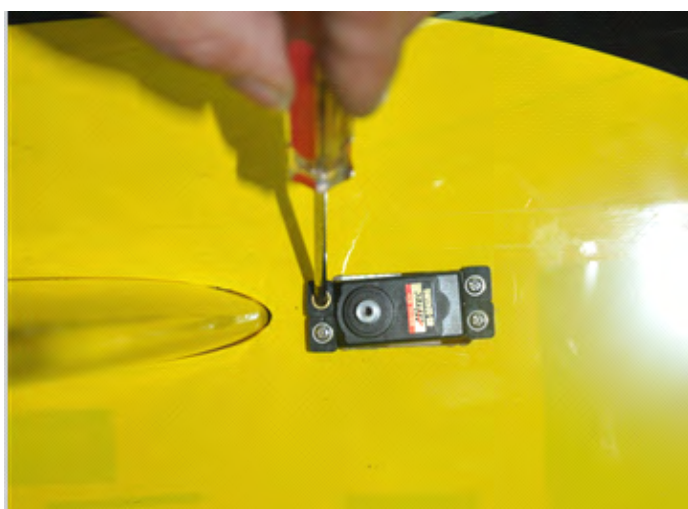
Apply epoxy into hinge hole of the elevator



Fix up the stabilizer and elevator with hinges and AB glue.



Use glue to fix up elevator horns



Install the servo in the hole as shown

Be assured that the screw is fixed up





Link the servo to the elevator with pushrod.

## **RUDDER**



Apply epoxy into hinge hole of the rudder



Use glue to fix up rudder horns



Install the rudder servo  
Be assured that the screw  
is fixed up



attach the servo arm to the  
rudder servo as shown



As shown in picture, This is  
finished for the rudder servo



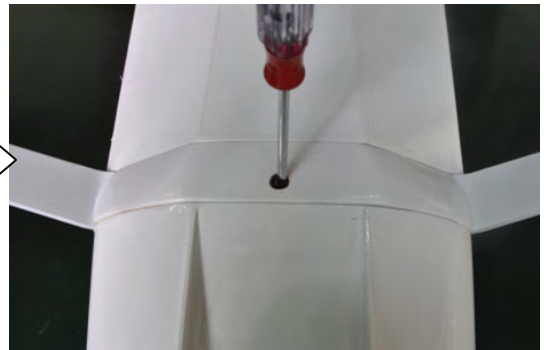
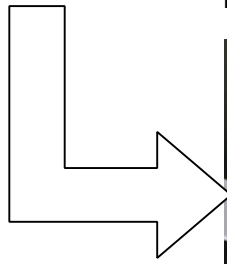
# MAIN LANDING GEAR



Fix up the landing gear on the fuselage bottom with screws.

## ● Bottom View

Put the cover board in the right position, then fix up it.



Install the wheel as shown.



Install the wheel cover, and fix it up to landing gear with screw.



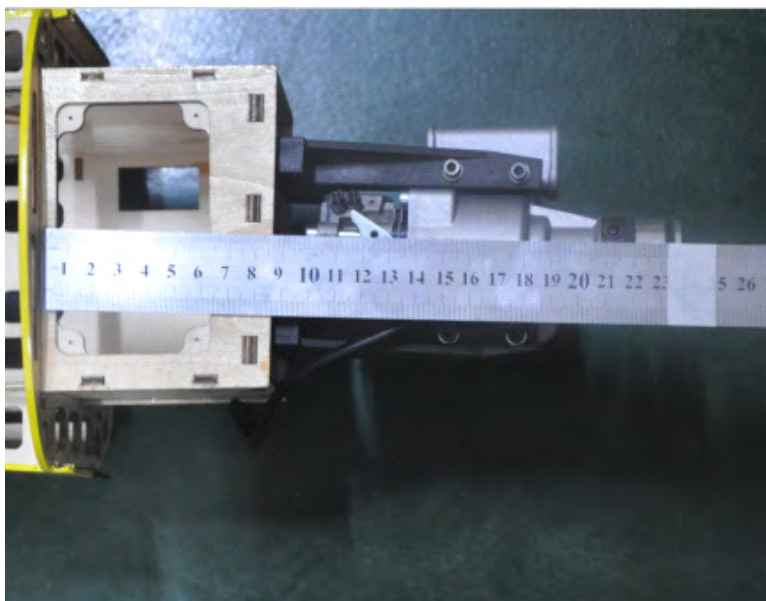
Install the tail landing gear use screws to fix up the fuselage bottom.

## ENGINE

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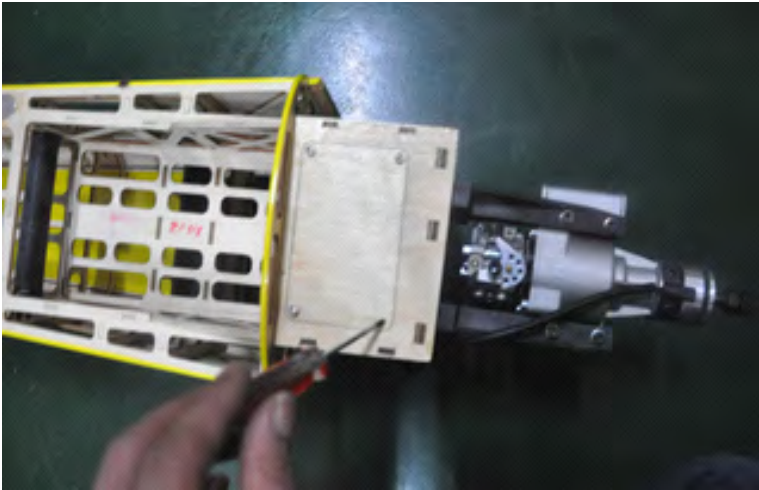


Drill the engine mounting holes as the board provided



Use the ruler to measure the length from firewall to airscrew



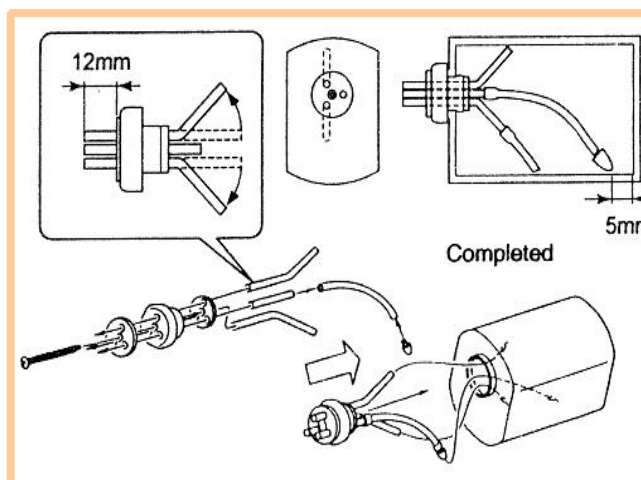


Put the cover board in the hole, then fix up it.

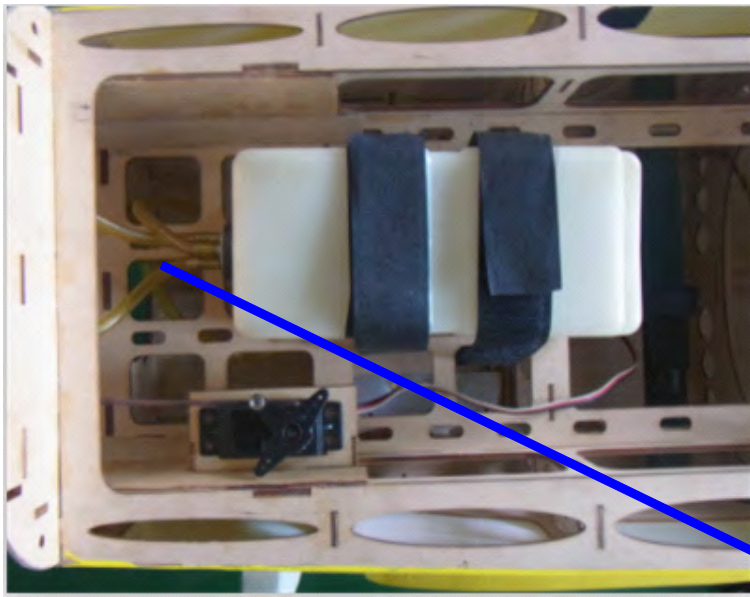


Install the propeller and spinner as shown

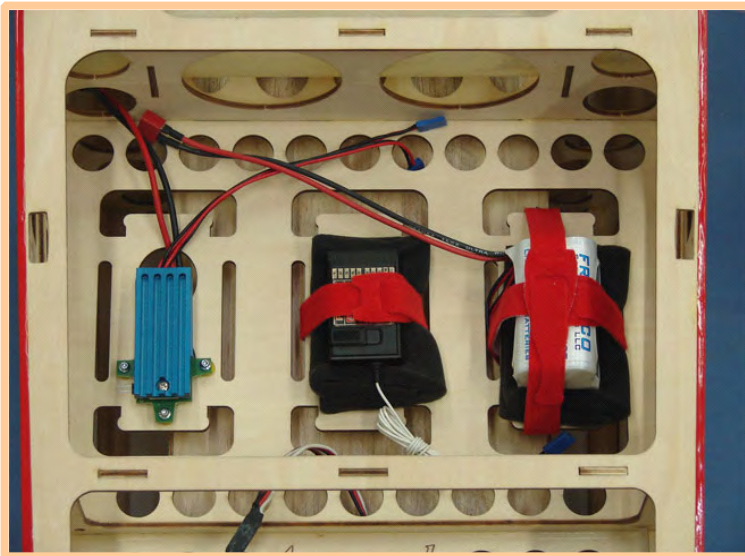
## FUEL TANK



Install the fuel tank into the fuselage, and fix up it with belt.



Install the fuel tank mounting ties under the fuel tank floor.



Install the battery, receiver and switch in place as shown.

## CANOPY AND COWL



Install the canopy into the fuselage as shown



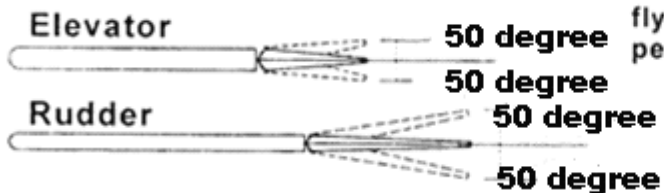




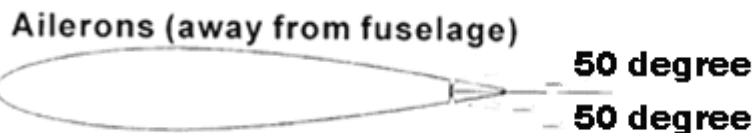
Mount the cowl using the cowl mounting screws.

## CG POSITION & CONTROL THROWS

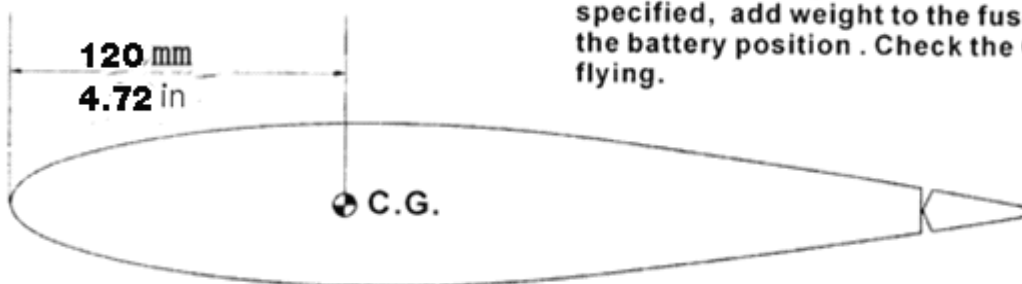
### Control Throws



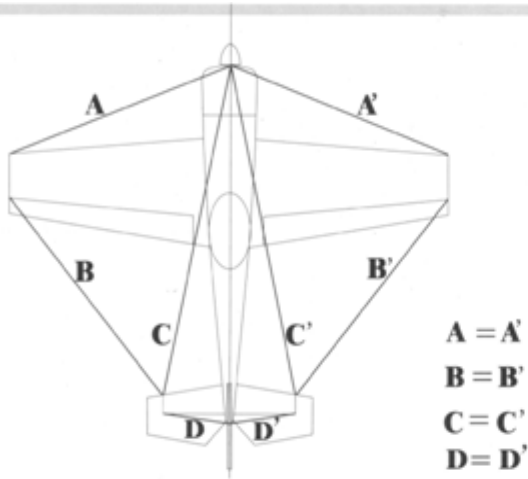
Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.



### C.G.



The ideal C.G. Position is **120mm (4.72in)** 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.



The diagram depicts measurements which should be compared to ensure your aircraft is true, correct and flight ready.

## THE FINISHED PHOTO



**Another scheme for choice**

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