

Katana-46

Assemble manual



Wing span:55.1in/1400mm;	Weight:2250-2400g;
Wing area:36sq. dm;	Engine:2cycle 40-46;
Length:51.5in/1310mm;	Radio:4channels 5servos; Glow & electric RC model;

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!

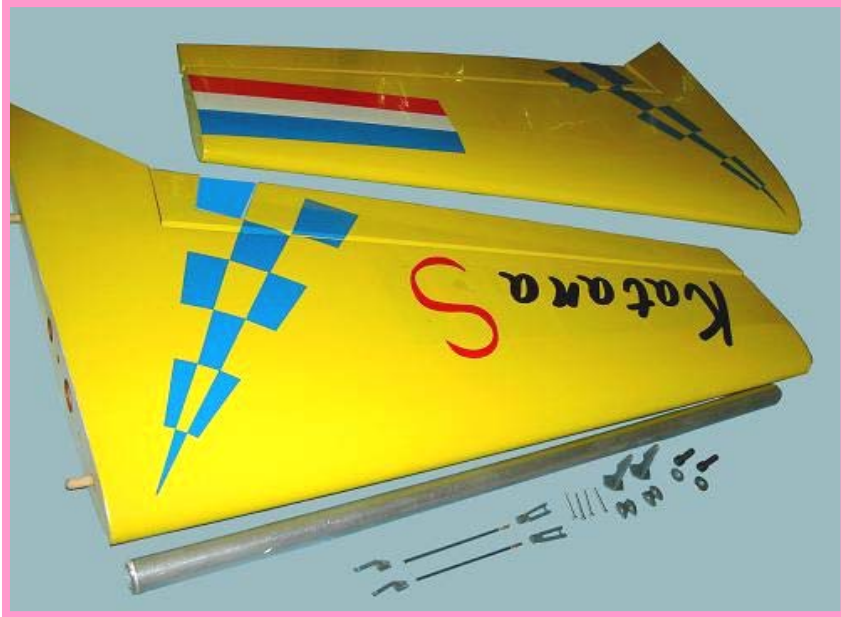
●Take enough safety precautions prior to operating this model.

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

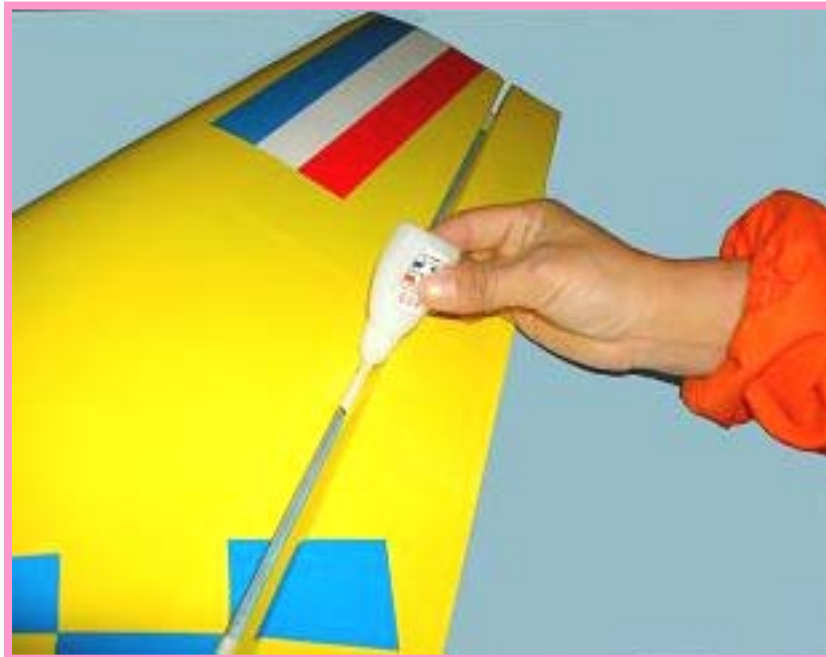
●Always keep this instruction manual ready at hand for quick reference,even after completing the assembly.



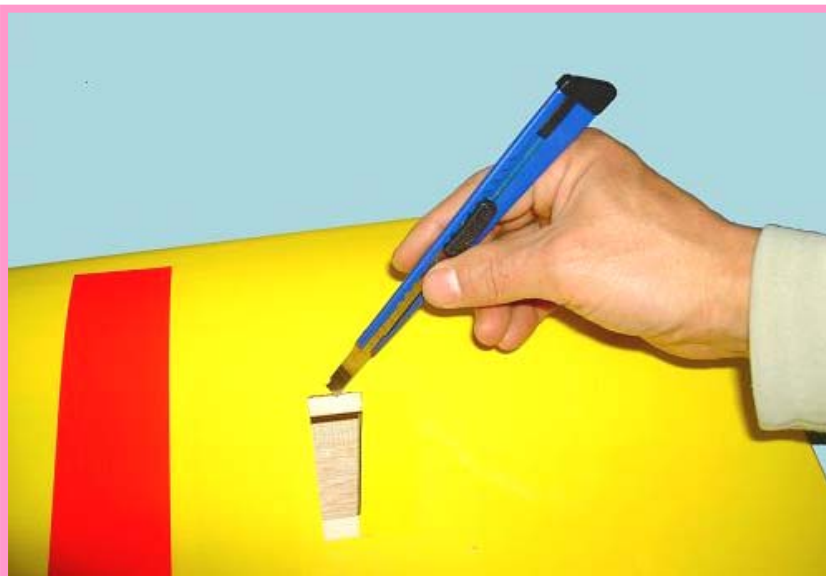
MAIN WINGS AND AILERON SERVO



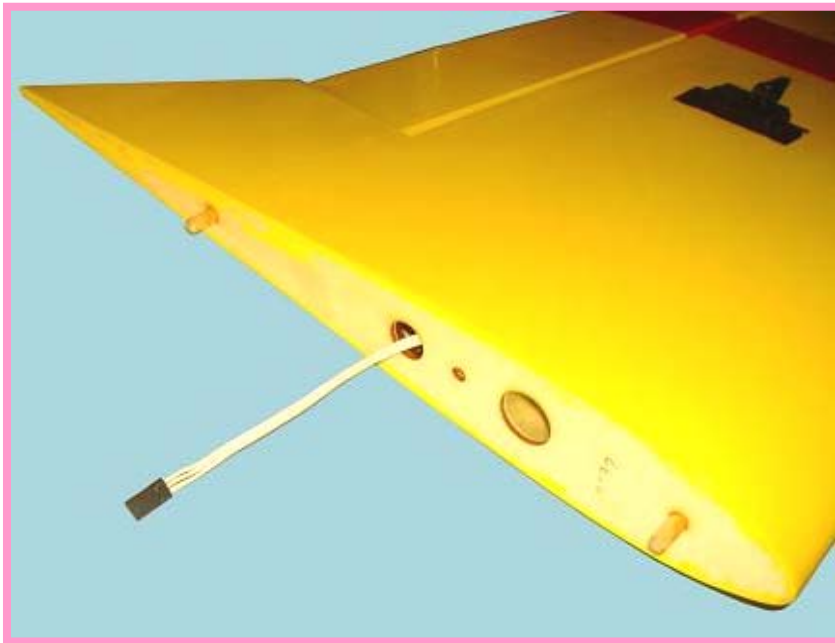
Gather the stabilizers, aluminium joiner and other parts together.



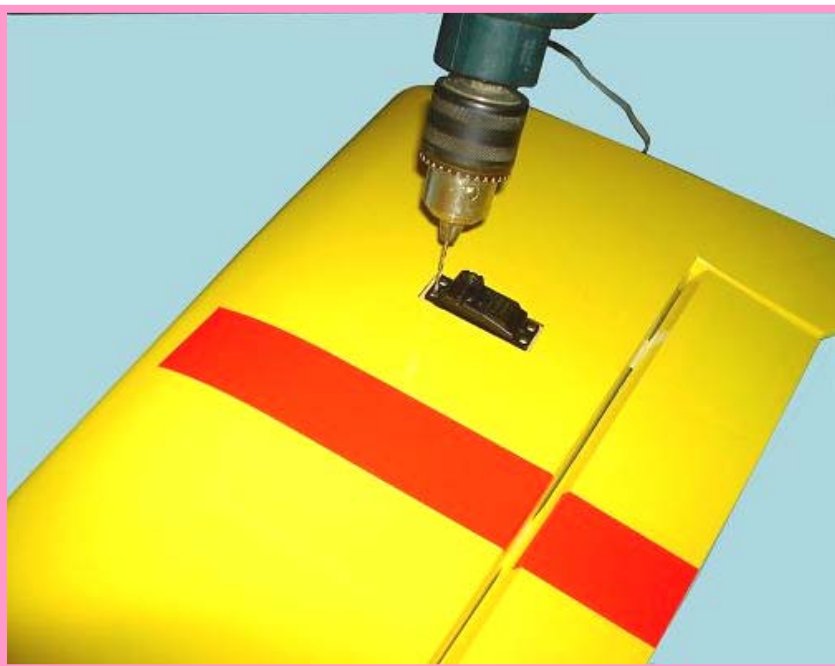
Connect the aileron and the main wing by hinges. Be sure to apply instant type glue to both sides of each hinges.



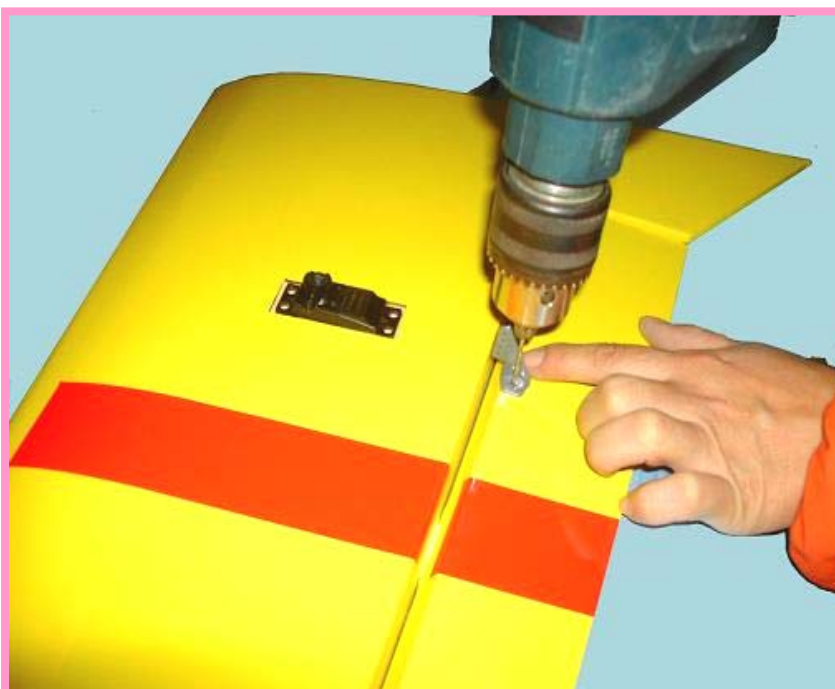
Cut away covering film for the servo.



Put the servo into the hole and pull out the servo extension from main wing.



Drill hole for the servo and fix it with TP screws.



Measure the right position of the tri-horn on the aileron, and drill holes for the screws.



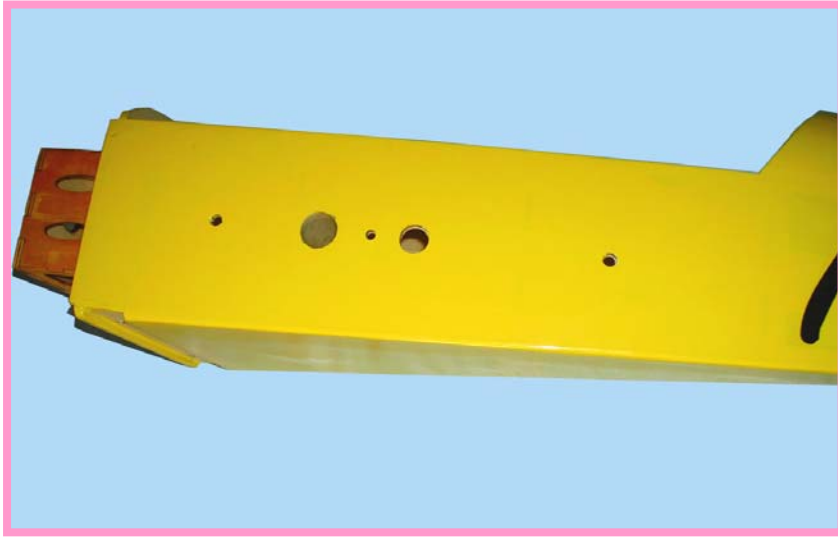
Fix up the tri-horns to the aileron by screws



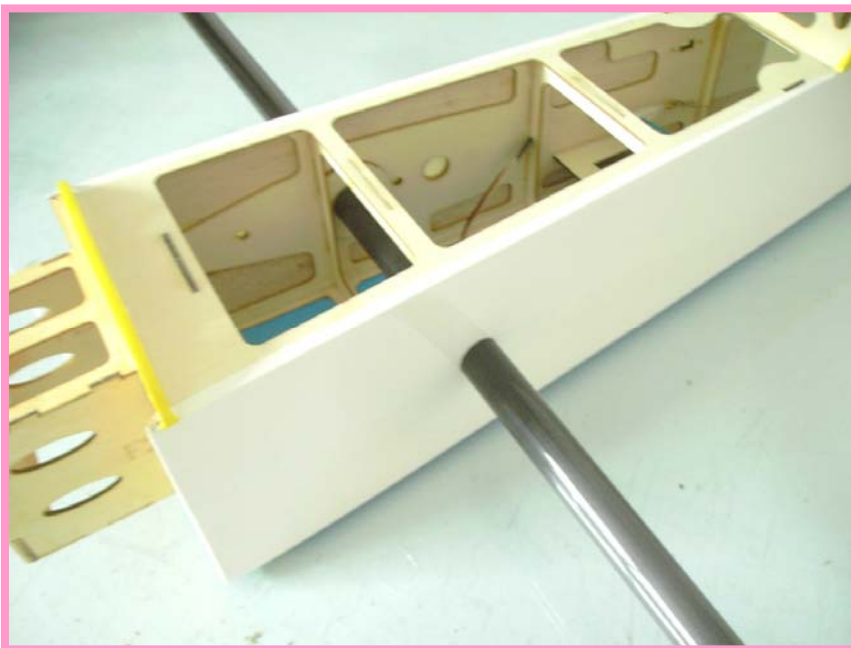
Link the servo and tri-horns with pushrod and straper.



Finished photo for the main wing aileron servo installation.



Find out the holes on each sides of the fuselage as shown.



The carbon joiner as shown.



Connect the main wings and the fuselage with joiner. Use two 5mm screws of each sides to ensure the wings fixed upto the fuselage.



Finished photo for the main wing installation.

ELEVATOR AND RUDDER



Measure the right position and remove the film from the stabilizer.



Connect the aileron and the stabilizer by hinges, and glue them.



Glue the stabilizer to the fuselage.



Measure the right position and remove the cover.



Apply install glue between fuselage and vertical fin.

TAIL WHEEL



Insert the tail wheel landing gear into the rudder.



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.



Link the rudder servo to the rudder with pushrod.



Link the elevator servo to the elevator with pushrod.

MAIN LANDING GEAR



Gather the landing gear, main wheels ,wheel covers, and other parts.

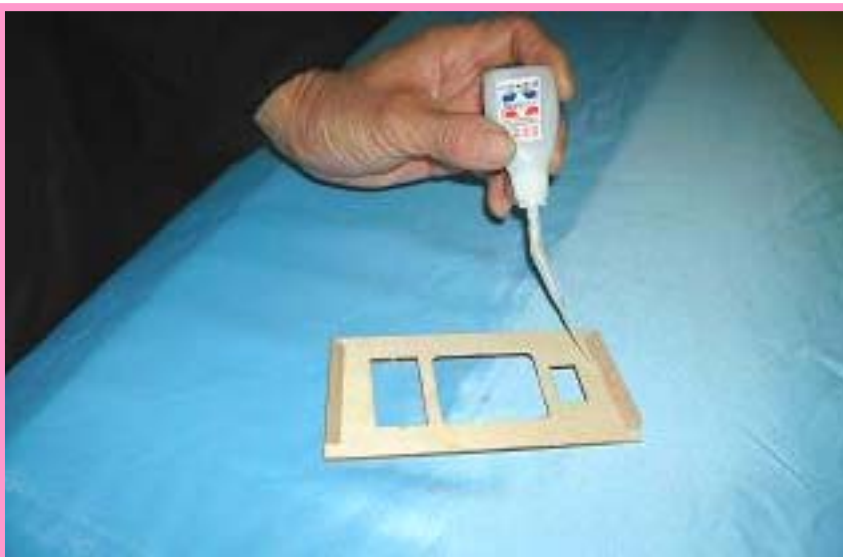


Install the wheel cover, and fix it up to landing gear with TP screw.



Fixup the landing gear strut to fuselage with 3 bolts.

ENGINE AND MOTOR



Glue the throttle servor board as shown.



Install the throttle servo and the throttle rod as shown.



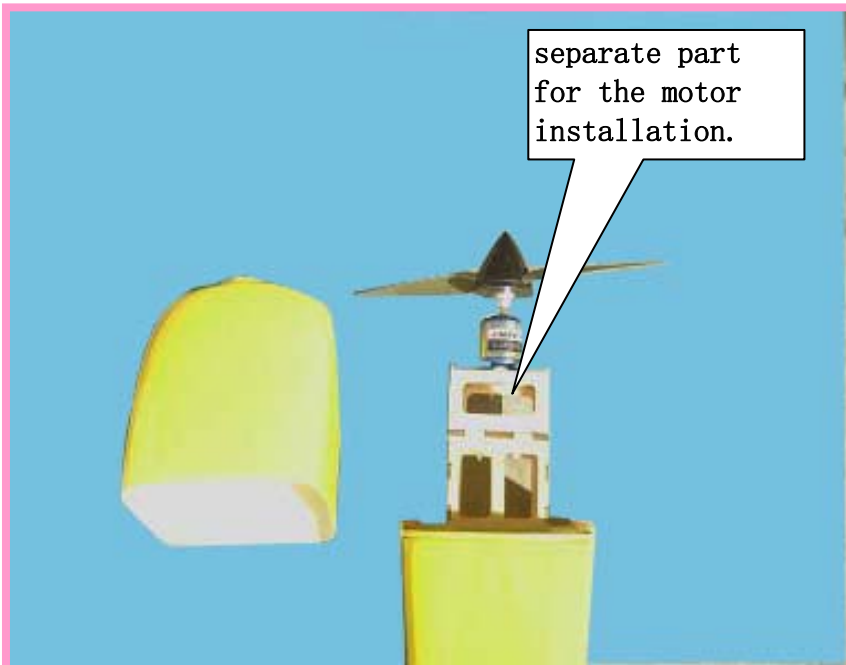
Install the fuel tank into the fuselage, and fixup it with belt.



Use the ruler to measure the length from firewall to airscrew, which should be 118 MM.

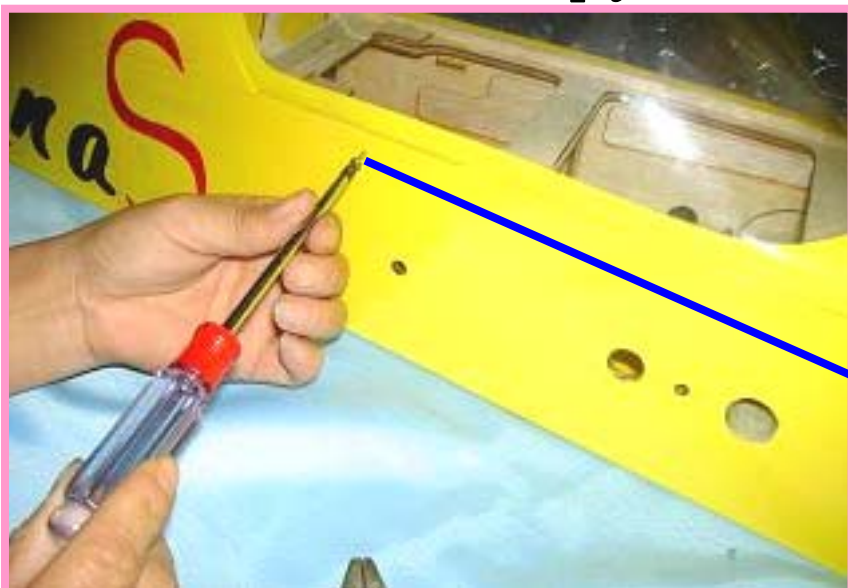


Install the engine mount on both sides with four 3mm screws.

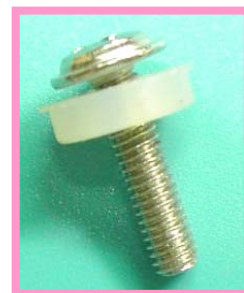


Install the motor with the separate part provided.

canopy and cowling



Fixup the canopy with TP screw on each side of the canopy.





Install the cowling with four TP screws.

The other way to install the elevator servo and rudder servo.



Install servo as shown.
The header servo method adopt for electric play.



Install the elevator and rudder servo into fuselage as shown.

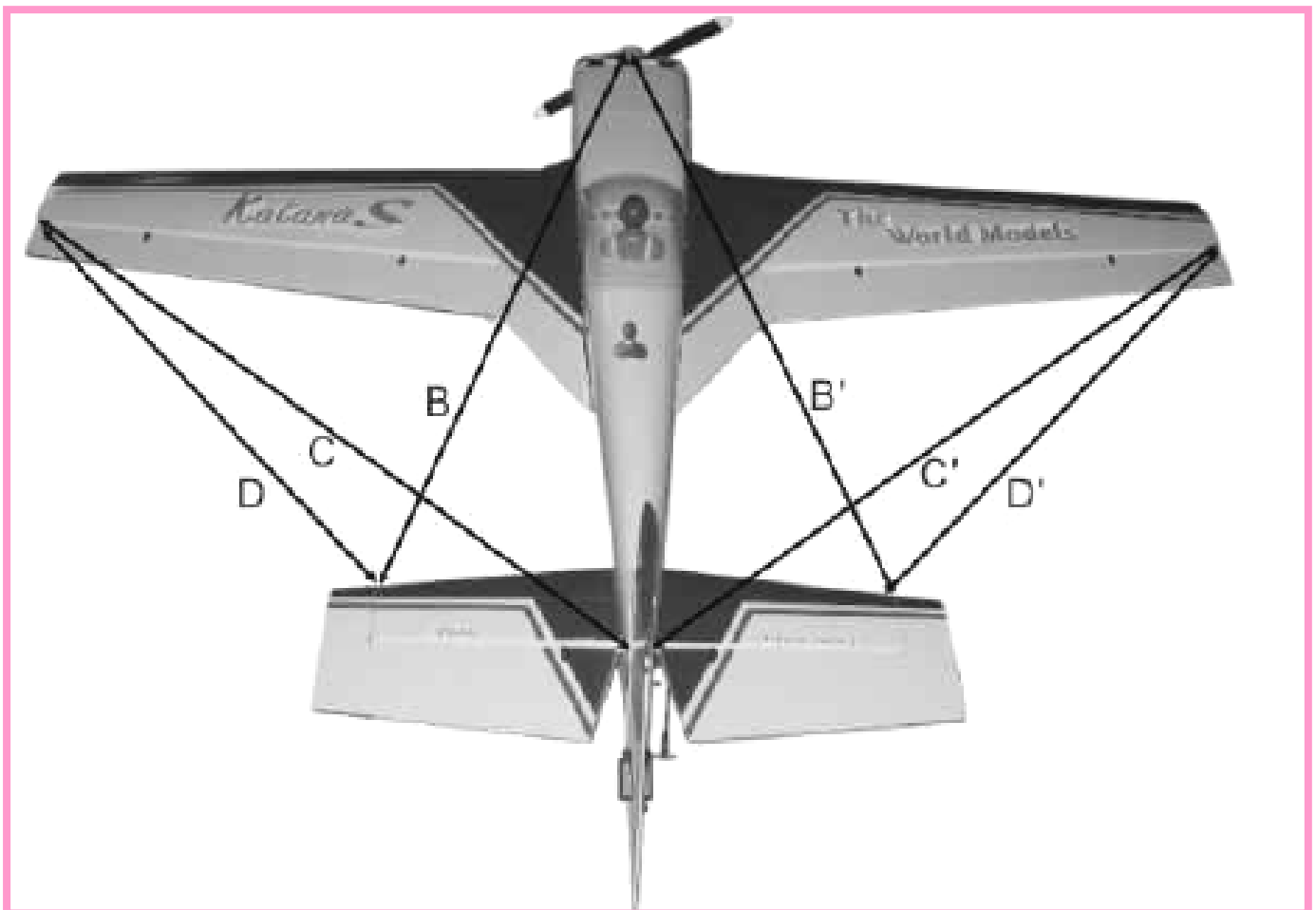
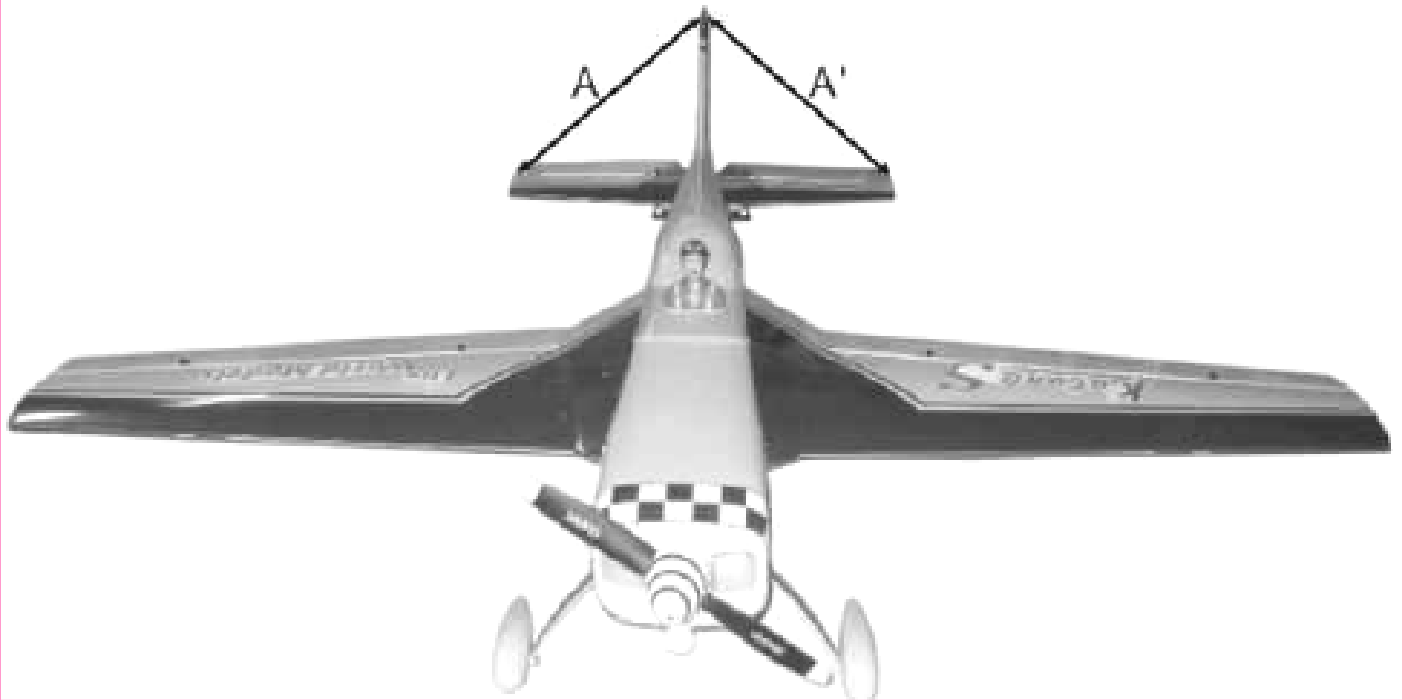


Link the elevator servo to the elevator with pushrod.



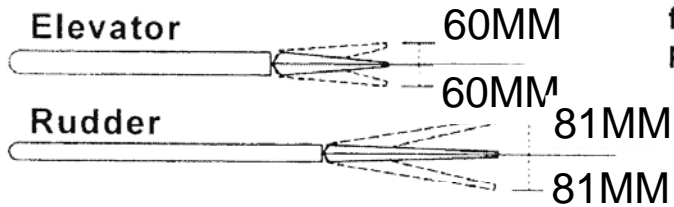
Use the same method to link the rudder servo to rudder.

ADJUSTMENT



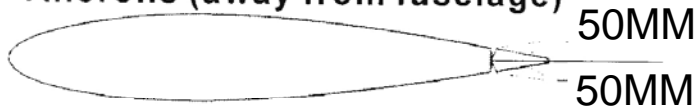
Control throws & CG Position

Control Throws

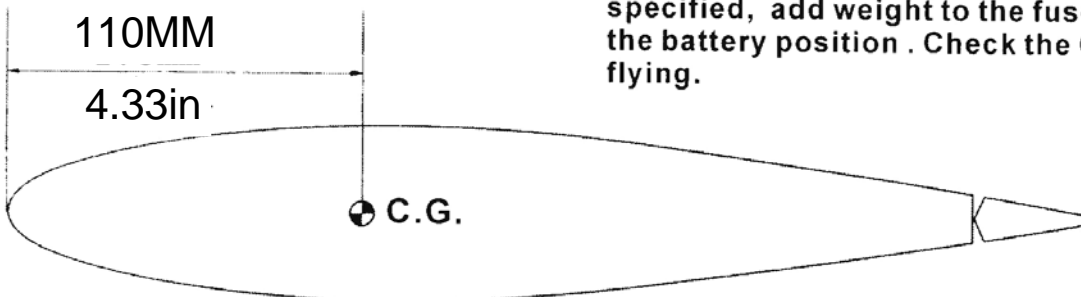


Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.

Ailerons (away from fuselage)



C.G.



The ideal C.G. Position is 110mm(4.33in) 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.

enjoy it