

F163 SLICK 78" 35-50CC



Wing span:78 in /1981.2mm	Engine:35–50CC
Wing Area:72.9sq.dm	Radio:7 chanelS 6 servos
Length:80.5 in / 2045mm	Spinner:3.5"
Weight:5600–6000g	Prop:18x10,19x8,20x8,20x10

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 percautions 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.

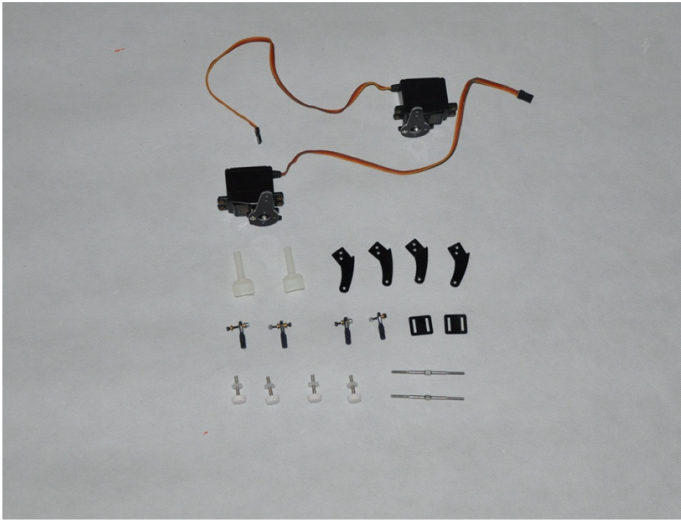


Main wings:

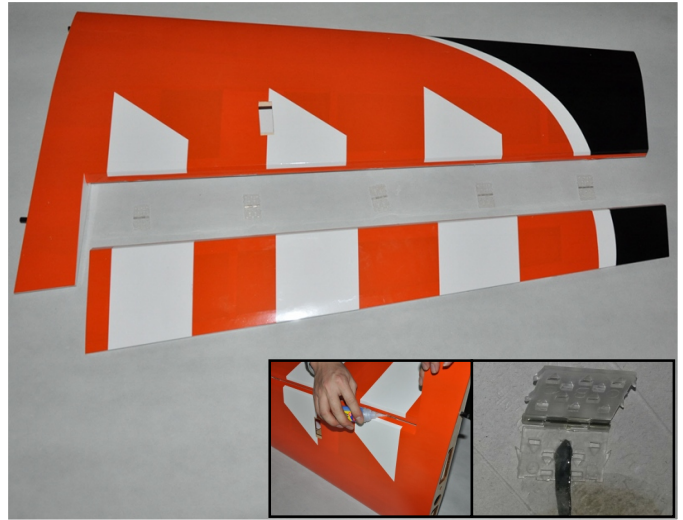


All the parts together

INSTALL SERVO:

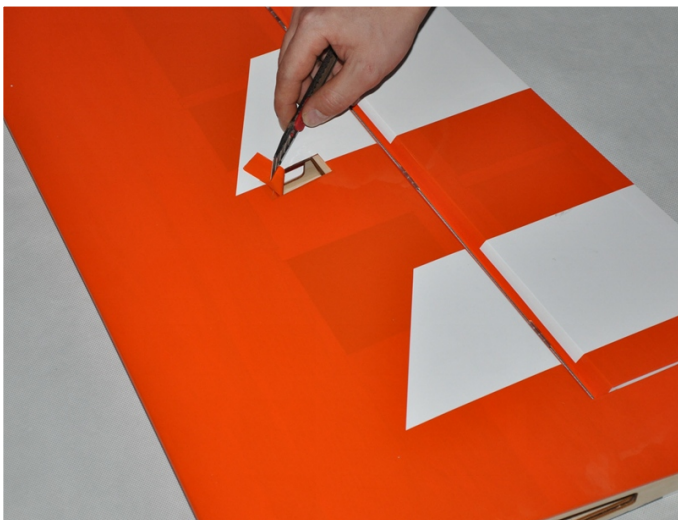


Gather wing parts as shown.

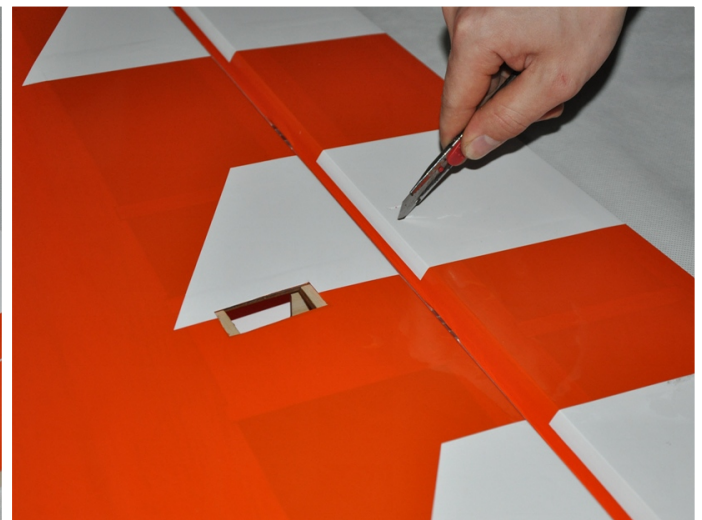


Apply epoxy into hinge hole of the wing

Connect the aileron and the main wing by hinges.



Cut the servo holes on the bottom of the main wings

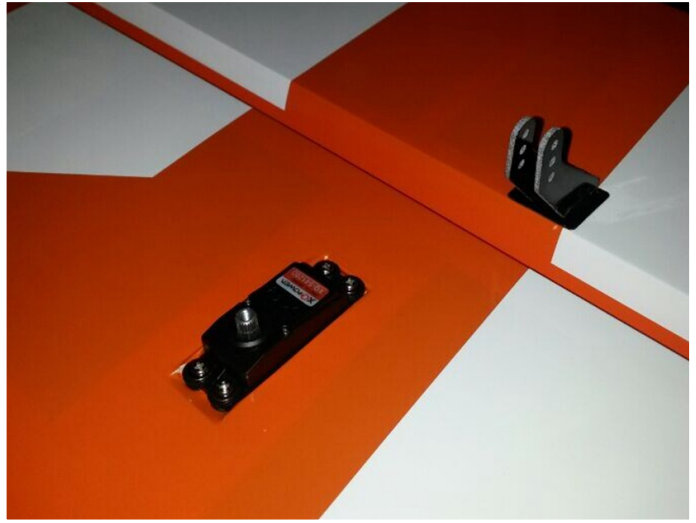


Cut the horn hole at the aileron

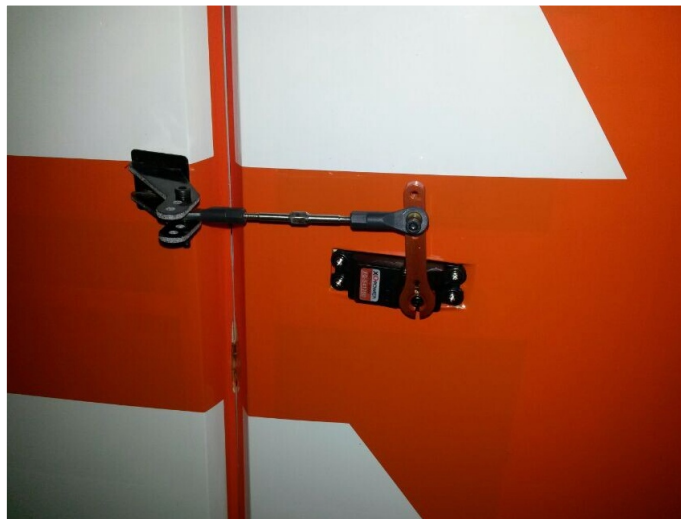
INSTALL SERVO:



Insert the fiberglass control horn and glue with AB glue

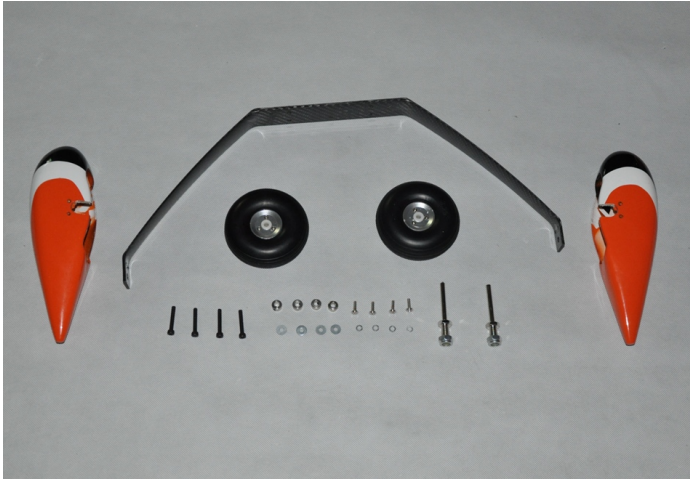


Install the servo and fix it with screws.



completed

LANDING GEAR:



Gather the parts for the main landing gear.



Use screw to fixed the landing gear

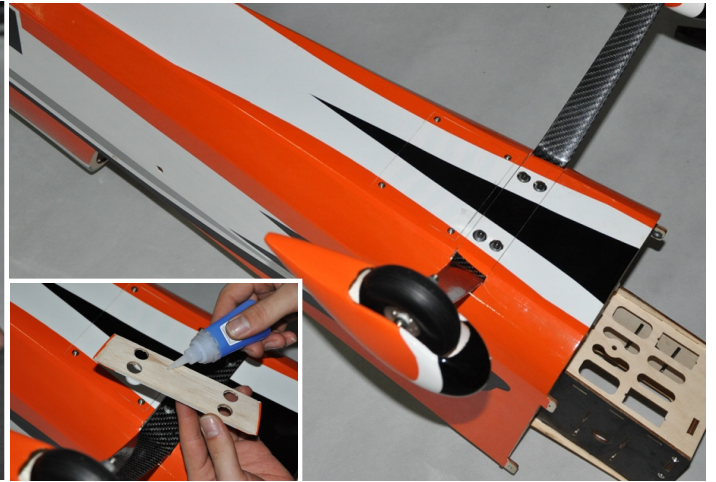


Install the wheel as shown

LANDING GEAR:



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



Install landing gear cover plate



Install exhaust pipe plate

INSTALL RUDDER:



Using glue fixed rudder hinges,
Connect the rudder to the fuselage

TAIL WHEEL LANDING EGAR:



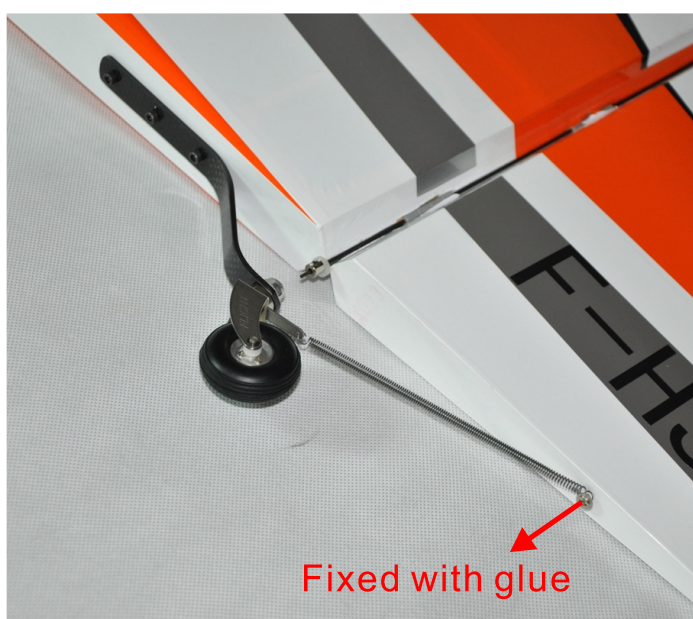
Use screws to lock the tailwheel onto fuselage



Drill the hole for install spring

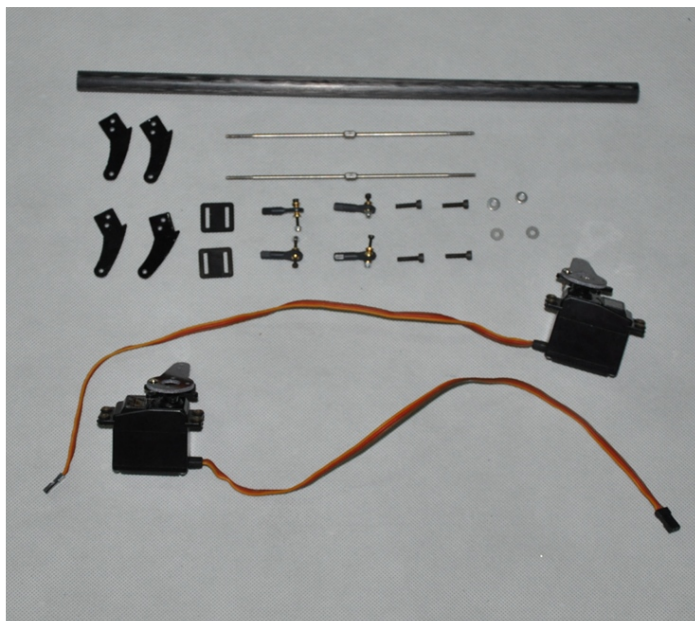


Connect the spring to the tail wheel



Finished photo

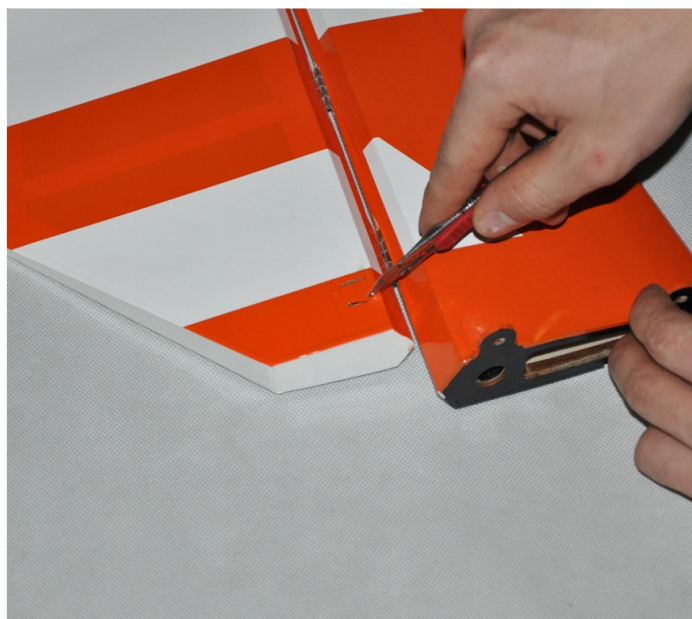
STABILIZER SERVO:



Gather the parts



Apply epoxy into hinge hole of the wing

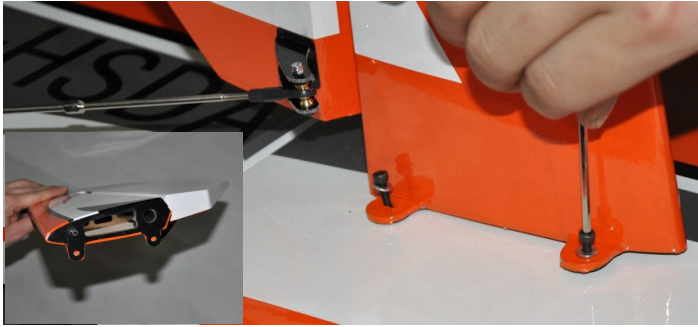


Cut the film covering as shown



Insert the fiberglass control horn and glue with AB glue

STABILIZER SERVO:



Fixed the stabilizer with screws



Install the ball links onto the servo arm and the control horn with push rod supplied

ENGINE:



Drill the hole at the engine mount



Drill push rod hole for control the throttle

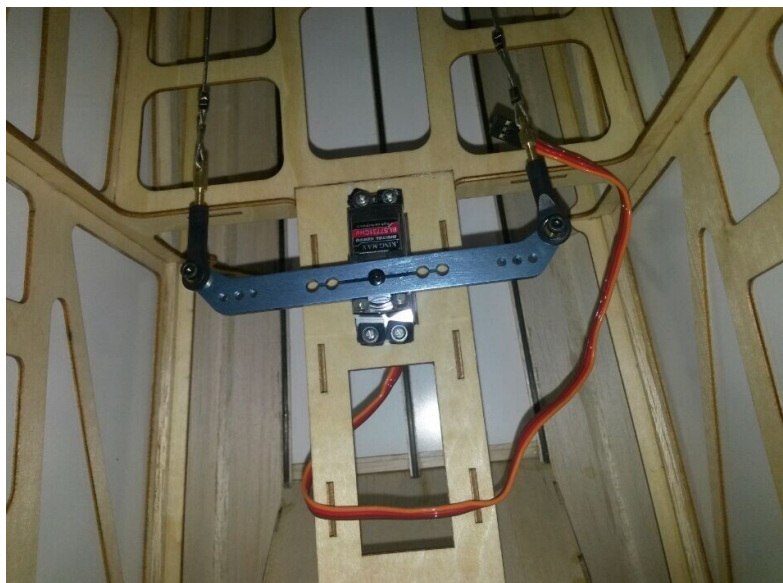
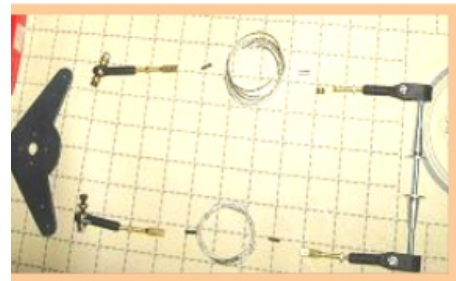
RUDDER SERVO:



Gather the parts for the rudder.



Glue the hinges

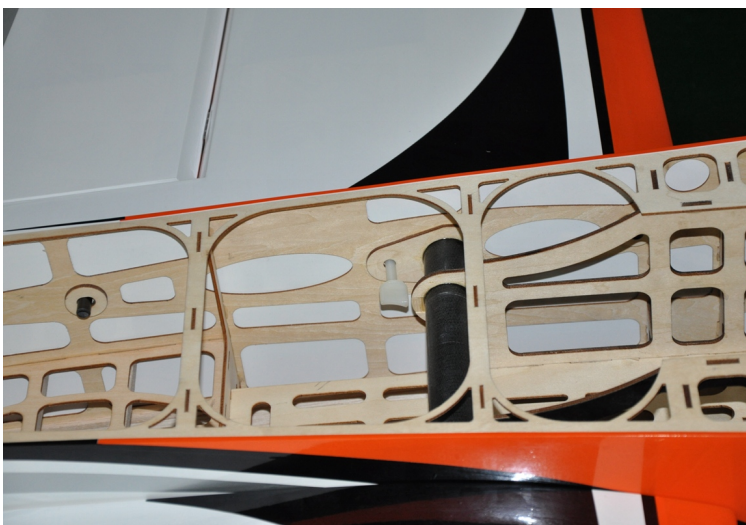


Install rudder servo

ENGINE:

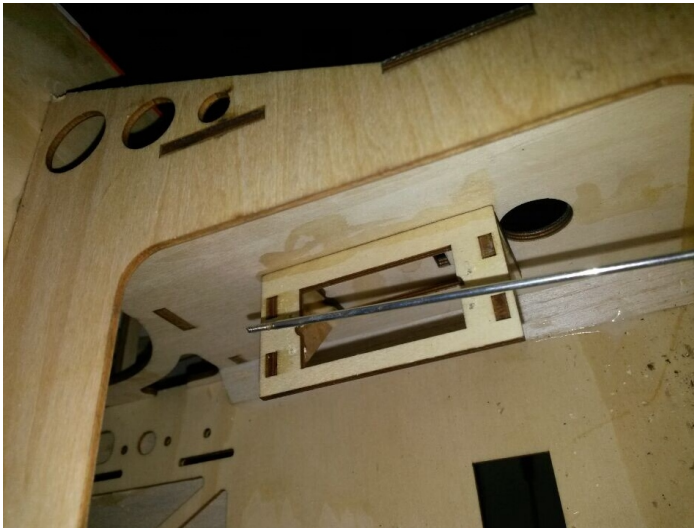


Install the cowl

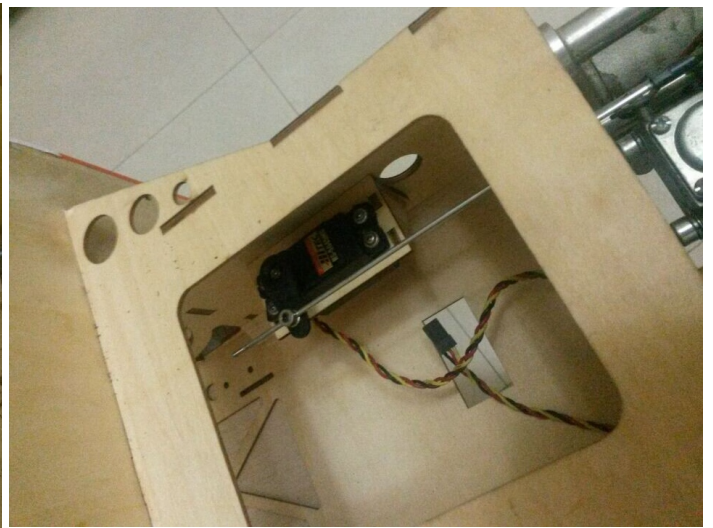


Connect the main wings and the fuselage with Carbon fiber tube.

ENGINE:



Install servo at the throttle



Finished

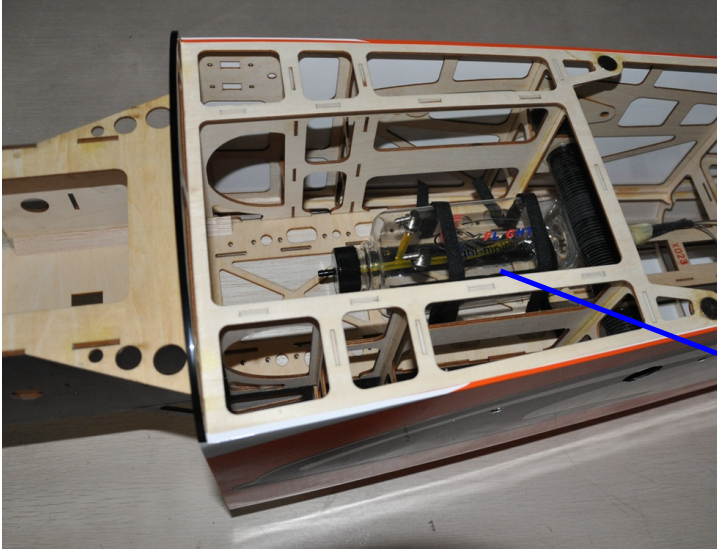


Cut a hole in the cowl for install Engine

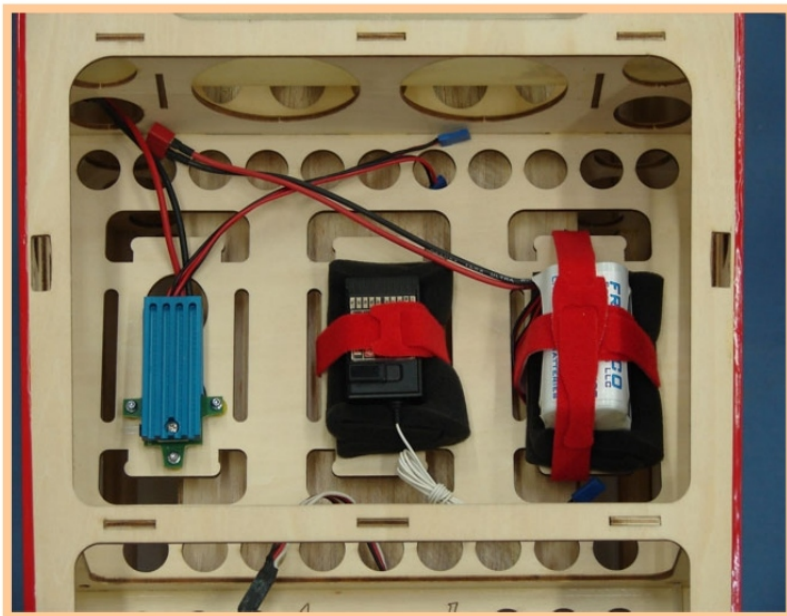


Install Engine

Fuel:



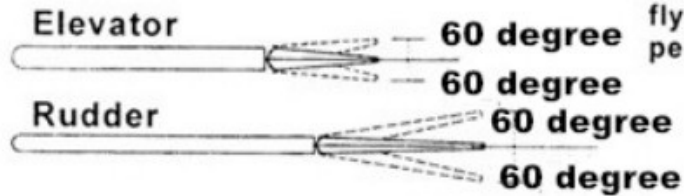
Install the fuel tank into the fuselage, and fixup it with belt.



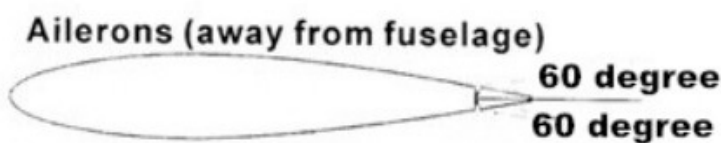
Install the battery, receiver and switch in place as shown.

CG POSITION & CONTROL THROWS

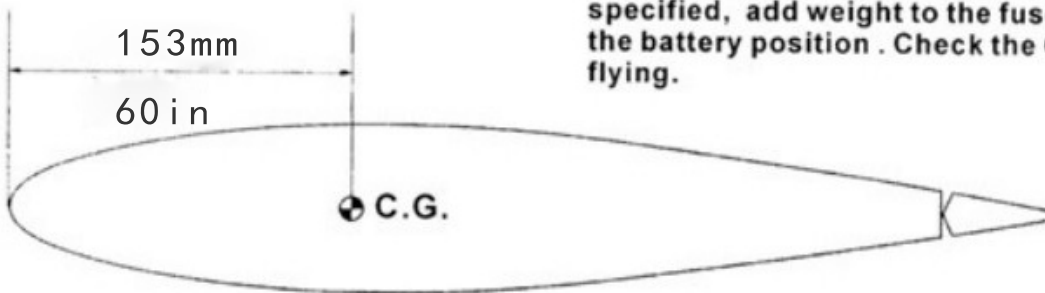
Control Throws



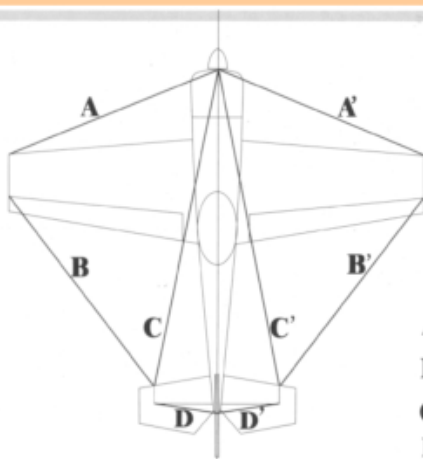
Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.



C.G.



The ideal C.G. Position is 153mm 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.



A = A'
B = B'
C = C'
D = D'

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

THE FINISHED PHOTO



Dong Guan Flight Model Co., Ltd.

Another scheme for choice

Flight Model MFG CO.,LTD

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