

Super Decathlon

Assembly Manual



Wing Span:96in/2438mm;	Flying Weight:5144g;
Wing Area:134sq.dm;	Radio:6Channel 5Servos;
Length:63.5in/1614mm;	Engine:28-35CC 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 gule to fix up the horns



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



Link the servo arms and tri-horns with pushrod

STABILIZER AND ELEVATOR



apply epoxy into
hinge hole of the elevator



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



Cut the servo holes on the
profile of the fuselage





Install the servo in the hole as shown

Be assured that the screw is fixed up



Link the servo to the elevator with pushrod.



Cut the hole of rudder as shown



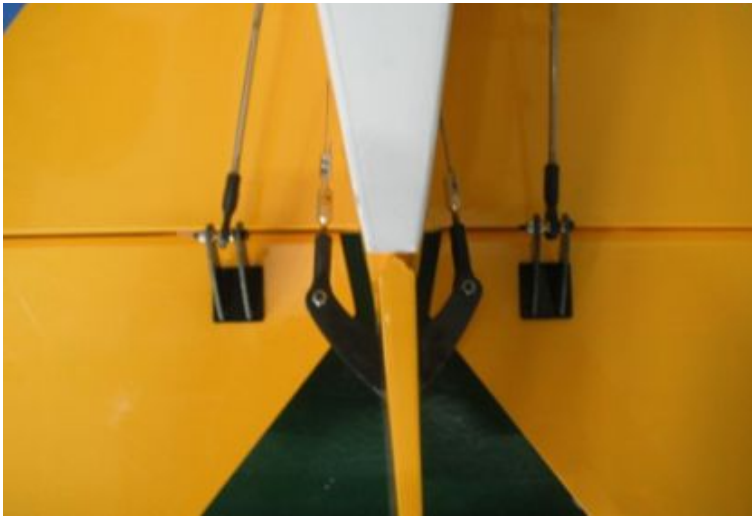
Using glue fixed rudder angle



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

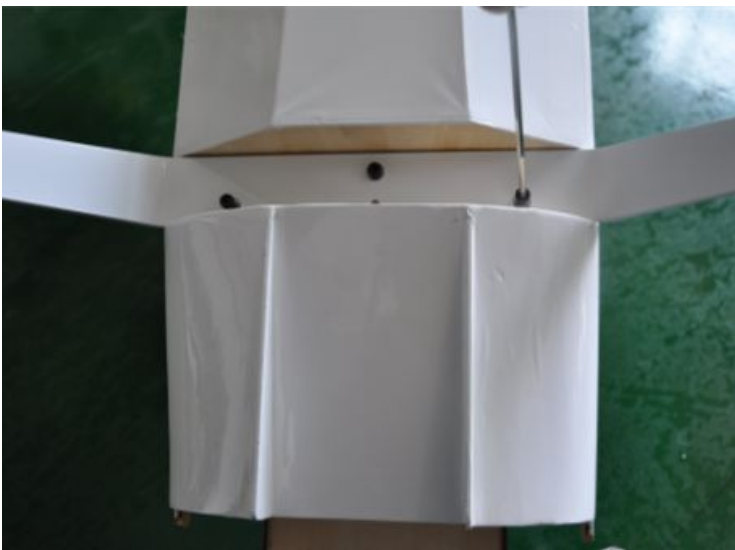


attach the servo arm to the
rudder servo as shown



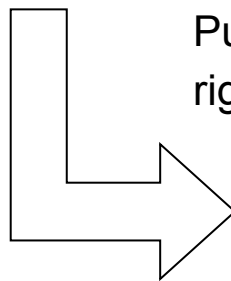
As shown in picture, This is finished for the rudder servo

MAIN LANDING GEAR

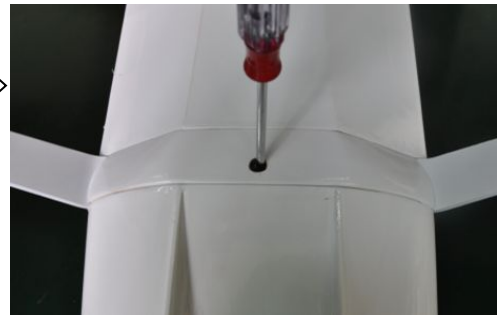


Fix up the landing gear on the fuselage bottom with screws.

● 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





Drill the engine mounting holes as the board provided

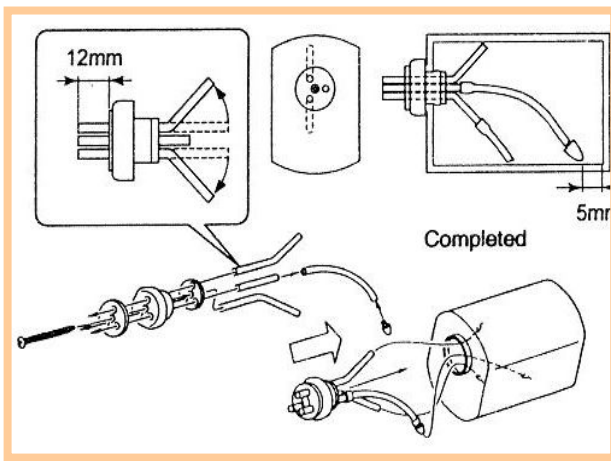


Use the ruler to measure the length from firewall to airscrew to airscrew

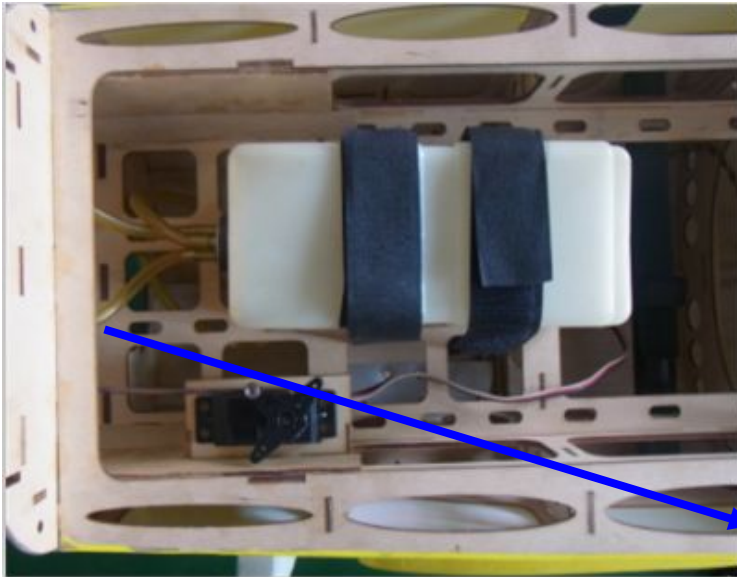


Install the cowl,propeller and spinner as shown

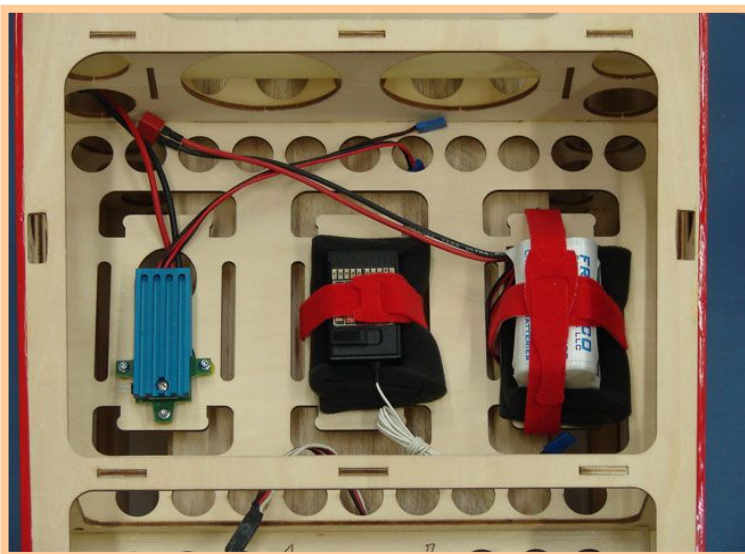
FUEL TANK



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



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

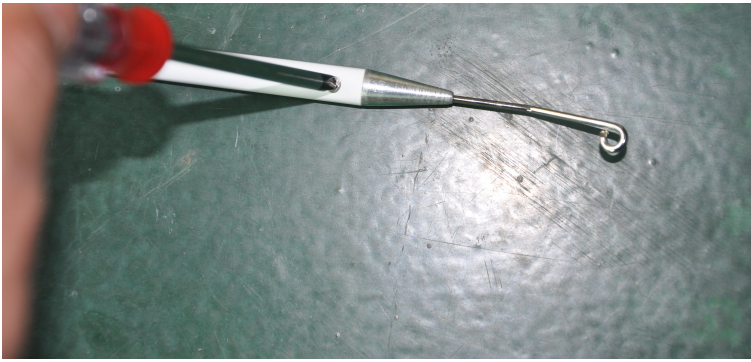


Install the battery, receiver and switch in place as shown.

Wing Assemble



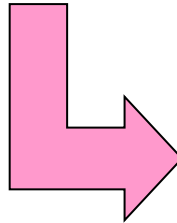
Fixed the steel wire



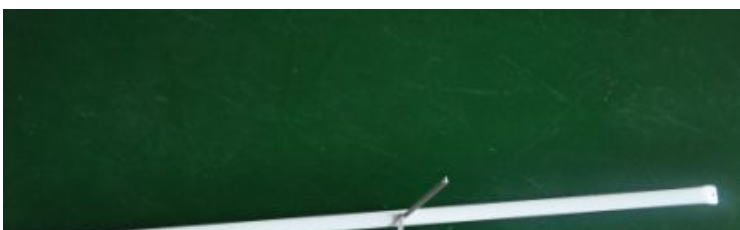
as shown



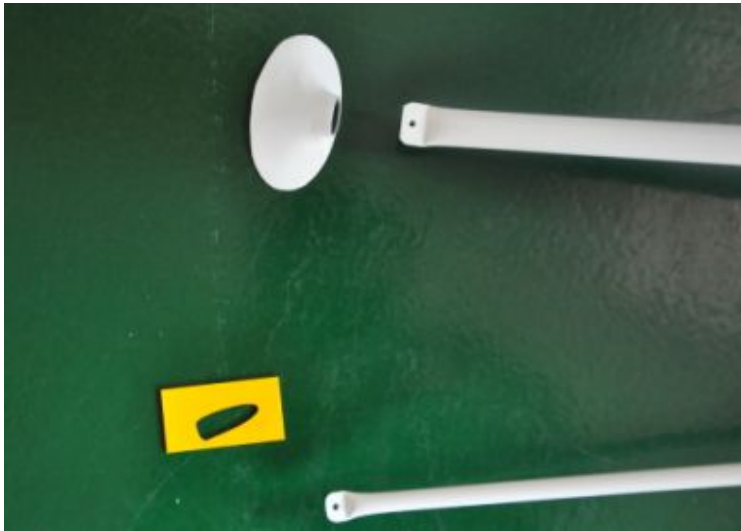
connect two strut lines in correct location



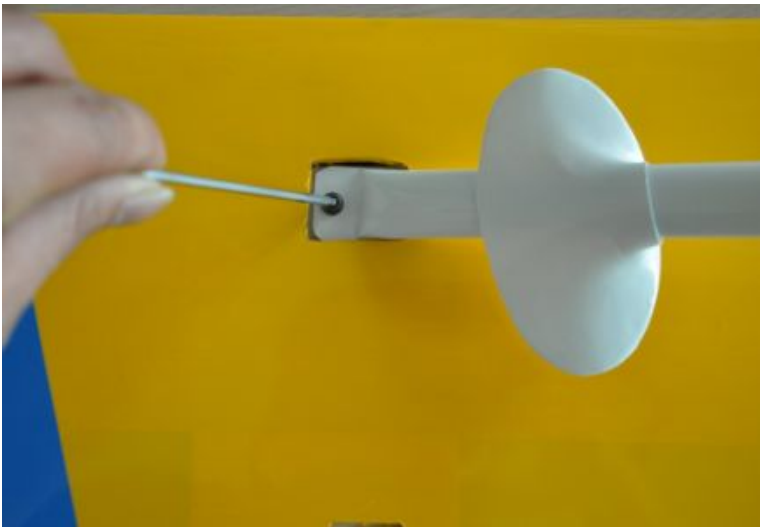
Fix it up to aluminium sheet with screw as shown



The finished photo as shown



Put the cover through strut lines



Use screws to fix it up of the fuselage.

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

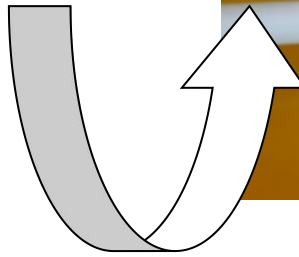


Use screws to fix it up of the fuselage.

Put the cover board in the



right position, then fix up it.



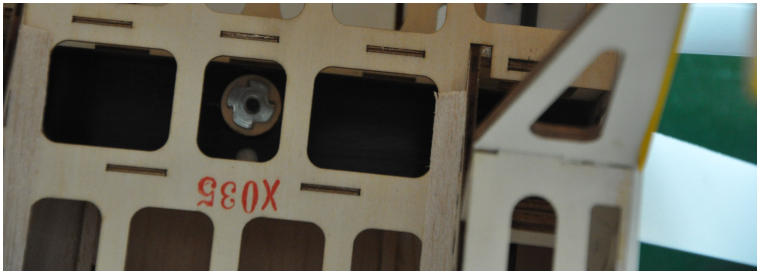
Use screws to fix it up of the fuselage.



put the wing strut throuht to the fuselage



wing strut fixed up on the



fuselage.



Fixed up wing strut board
use of screw

CANOPY



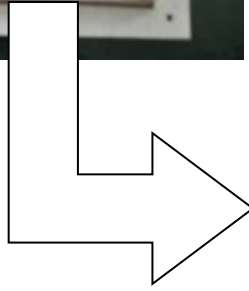
Install the side window into
the fuselage as shown



Install above the window into
the fuselage, as shown,
Use screws to fix up the



fuselage.

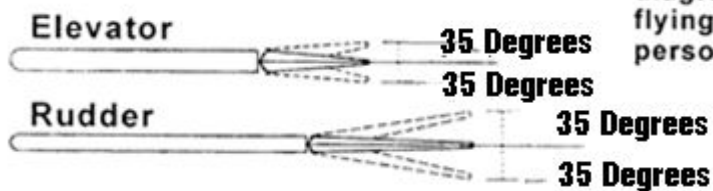


Install the canopy into the fuselage as shown



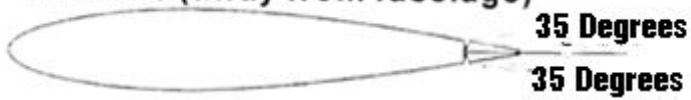
CG POSITION & CONTROL THROWS

Control Throws

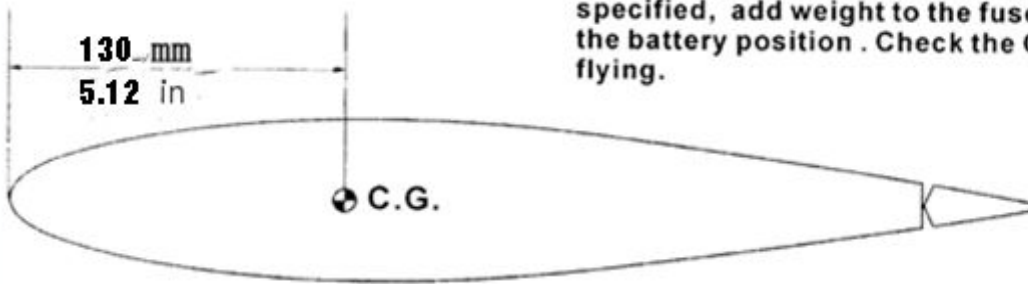


Adjust the control throws as shown in the diagram. These throws are good for general flying. You can adjust according to your personal preference.

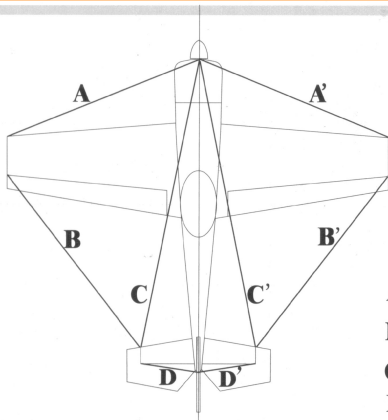
Ailerons (away from fuselage)



C.G.



The ideal C.G. Position is **130mm (5.12 in)** 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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Enjoy it

