Turbo Raven Assemble Manual

CAUTIONS THIS PLANE IS NOT A TOY.

BEFORE USE, PLEASE CAREFULLY READ THIS MANUAL.



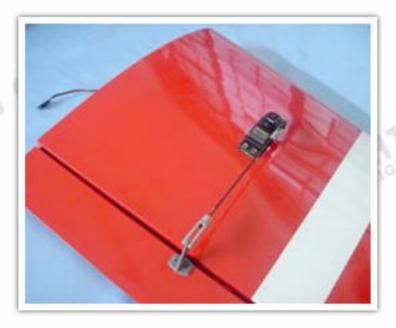
Parameters about Turbo Raven			
Wing Span	62.2in/1580mm;	Engine	2cycle 60,4cycle90;
Wing area	41sq.dm;	Radio	4channels 5sevors;
Length	54.7in/1390mm;	Flying Weight	2300-2400g;



Cut away covering film for the servo on the botom of the main wing ..



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



Insert the servo and pull out the servo extention line from prepared holes.
Conect the tri-horns and servo with pushrod as shown.



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



Attach the main wing to the fuselage by bolt.



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



Find out the holes on each sides of the tail fuselage.



Insert the stabilizer into the prepared hole.
Measure the right position and remove the film from the stabilizer.



Glue the stablilizer to the fuselage.



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



Bent the piano wire as shown.



Insert the tail wheel landing gear into the rudder. Then glue it.



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.



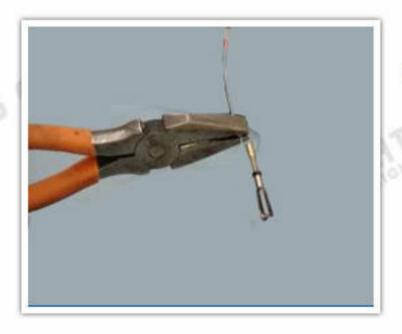
Link the elevator servo to the elevator with pushrod.



Repeat above steps for other side elevator assembly.



Loop the cable back through the brass swage tube as shown.



Crimp the brass tube with a crimping tool or pliers.



Rudder servo assmble on rudder view. Fixup the tri-horns on both sides of the rudder,then link the collet.



Rudder servo assemble in fuselage view. Fixup the two collets with servo horn as shown.



Screw the wheel to the landing gear.
Be assured that the screw is fixed up.



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



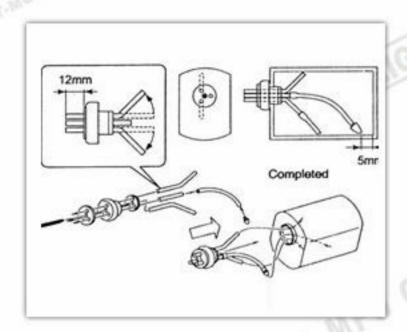
Drill three holes on the landing gear as shown.



Fixup the landing gear strut to fuselage with 3 bolts.



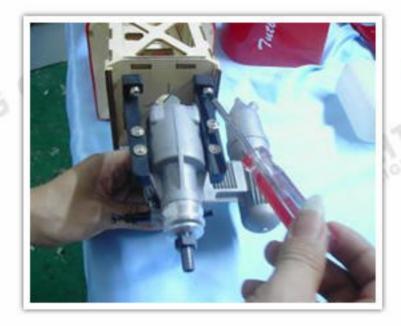
Install the throttle servo and the throttle rod as shown.



FULE TANK INSTALLATION.



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



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



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

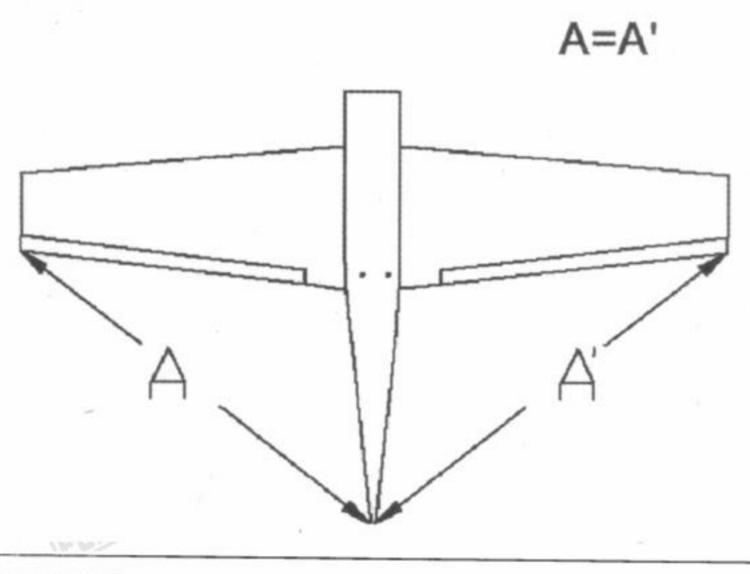


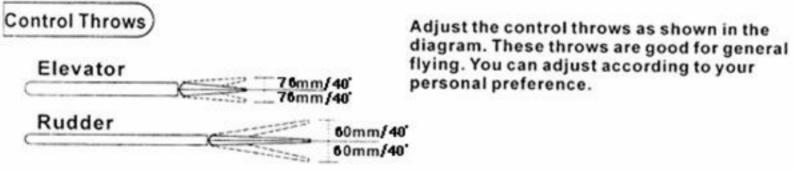
Fixup the canopy with TP screw on each side of the canopy.

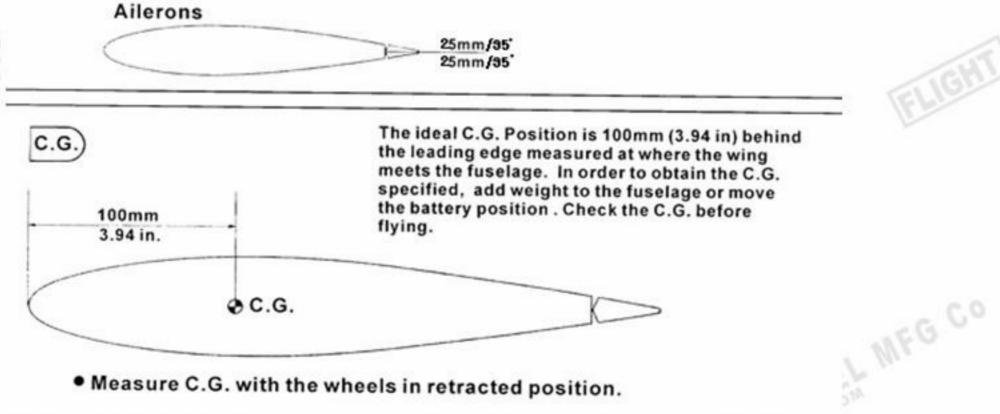


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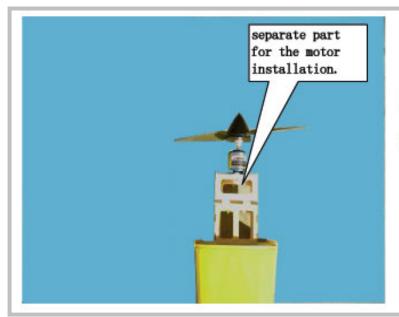
Install the cowling with four TP screws.







Measure C.G. with the wheels in retracted position.



Install the motor with the separate part provided.