

Skywalker 1680 installation instruction



Skywalker 1680 has adopted new improvement that has strong and durable EPO material with high density, module installation. The wing connection is made by plastic module and rubber band makes flying easier, faster, safer.

Brand	Skywalker
Model	1680
Material	Imported EPO
Wingspan	1720mm
Fuselage	1180mm

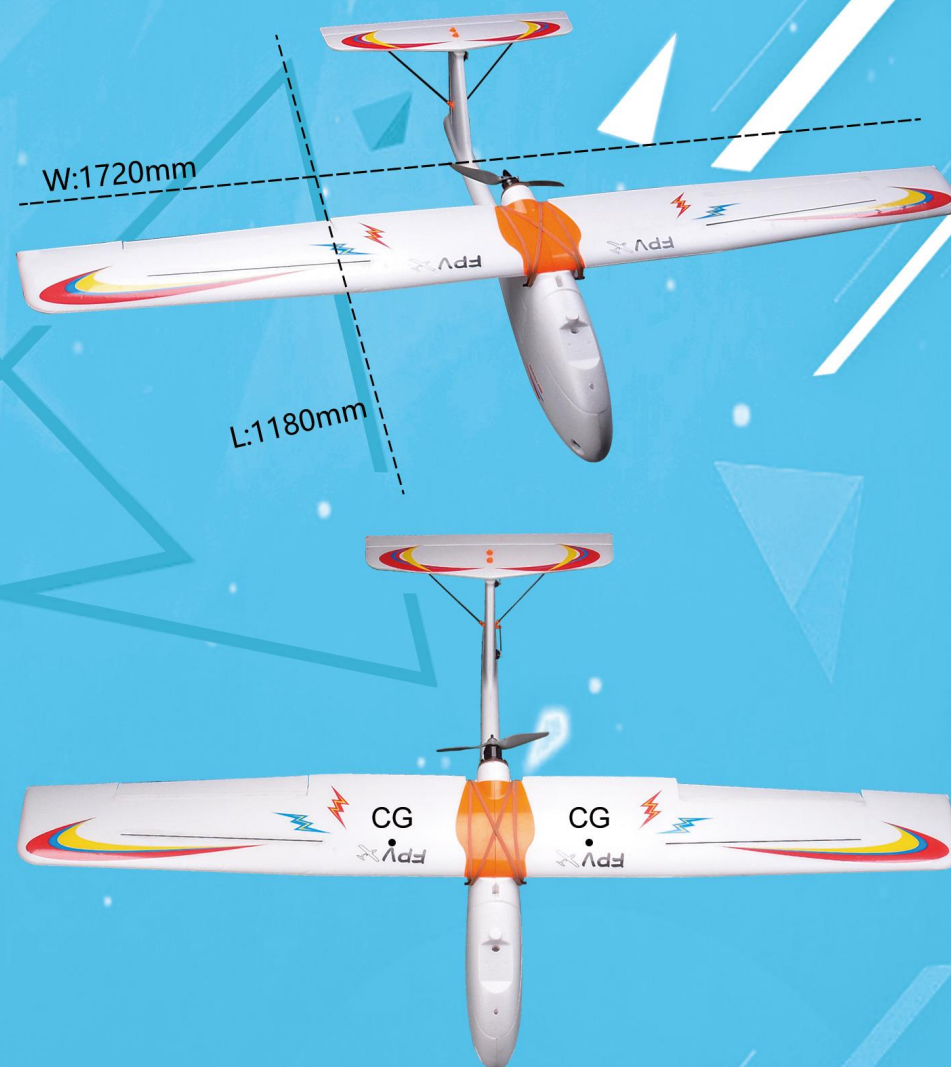
Wing area	36.16dm ²
Flying weight	2200-2500g
Take off	Hand cast, Catapult
Landing	Glide down
CG	From Wingsleading edge to backward 75-76mm

Recommended Configuration

Motor	2814KV900-980
ESC	4S-60A
Servo	12g*4pcs

Propeller	9-10 inch
Battery	4S 5500mah
Radio	4CH

Photos are only reference, please note the real item.

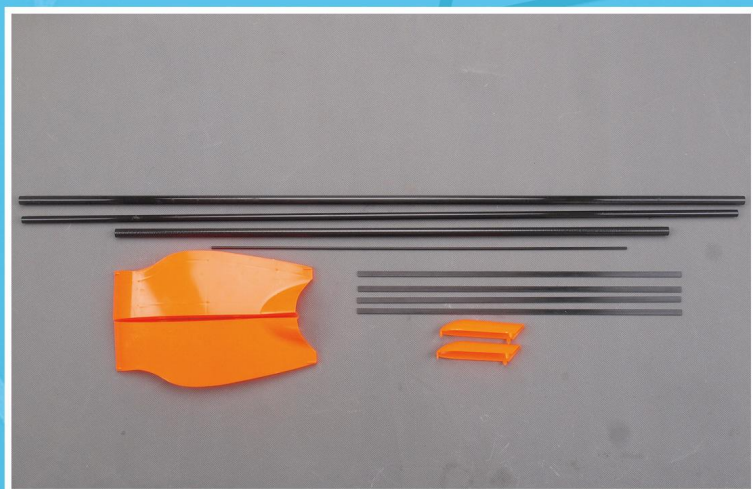


CG: From wingsleading edge to backward 75-76mm

Accessories:



Accessories:



Foam KIT:



Electric Appliance:



Assembling steps

In the process of assembling, adhere the foam KIT and other accessories by glue.

Note: Air-dry the adhesive part if its surface is flat, There is no need to wait for air-dry if its surface is roughness.

Wings Installation



Fig.1-2:Cut the aileron, after that, adhere the cut with fiber tape(the left and right wings are same).

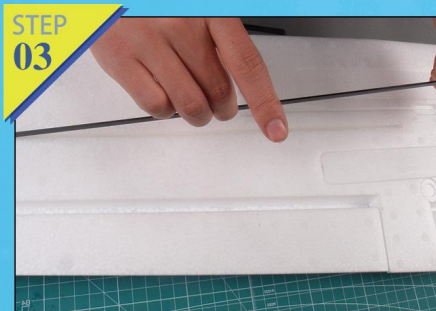


Fig.3-4:Fixing the reinforcement carbon bar with glue.Supply the glue on the reverse side of the depression bar; insert the bar into the slot and pull out, wait for 2 minutes and glue the sides of the bar, then click it into the slot again for fixing.

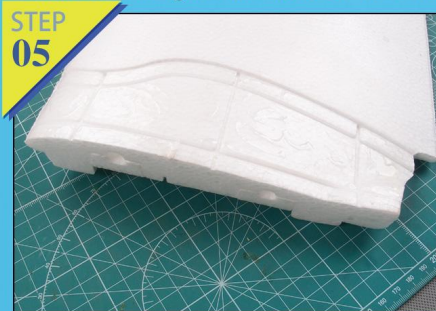
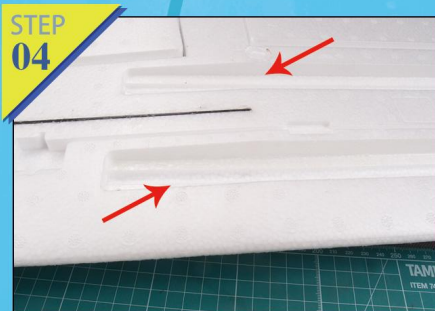


Fig.5-6:Glue the left and right orange quick connector.



Assembling steps

Servo Installation



Fig.7-8:Install servo and servo horn. Duab the servo with glue and put it into the slot.



Fig.9-10:Calibrate the servo, and then fasten screws. Cut off the redundant part of pull rod you do not need.Fix the plastic protective cap.The same installation means on the left and right wing.

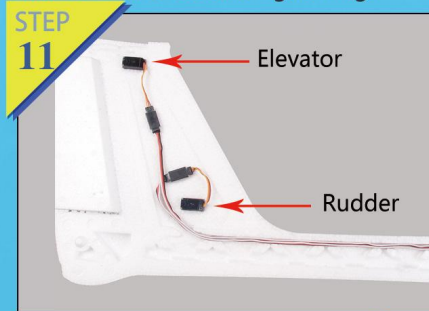
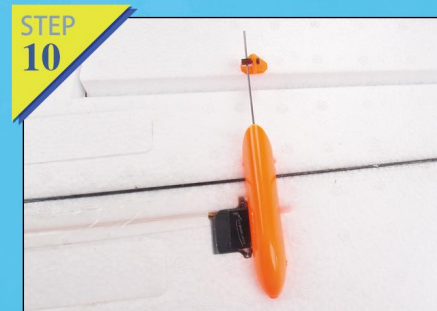
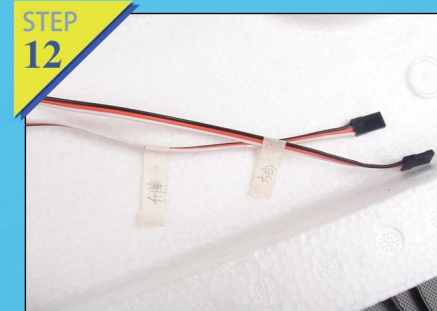


Fig.11-12:Differentiate the elevator and rudder servo in the process of tail part. Recommended paste label on extended wire. Duab little glue into slot to fix wires so as to adhere fuselage.



Assembling steps

Carbon tube, fuselage assembly

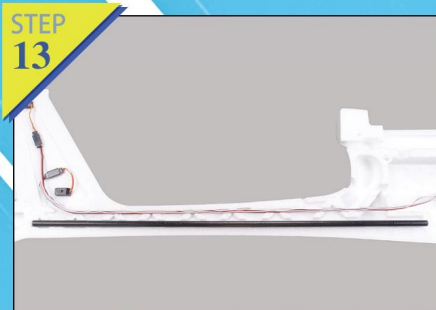


Fig.13-14:Fix the carbon tube into the slot(Attention: keep fuselage straight).



Fig.15-16:Install head's plastic part. Duab glue into the slot(Place the groove surface inside to install head's plastic part).Use the same way to install tail plastic parts.

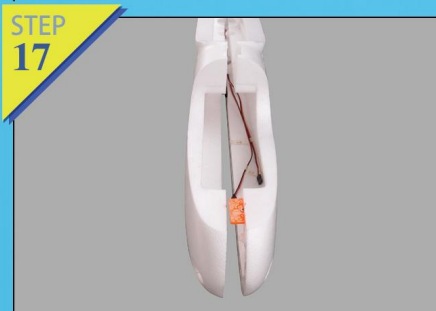
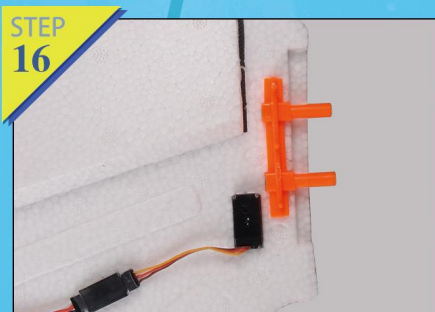


Fig.17-18:Duab glue on the left and right surface of fuselage. Air-dry it for about 3 minutes(according to specific circumstances) and gather up the fuselage.



Assembling steps

Motor, T-tail installation



Fig.19-20:Motor base installation(Attention: drill holes on the foam if necessary, do not install propeller before testing to avoid hurting people).

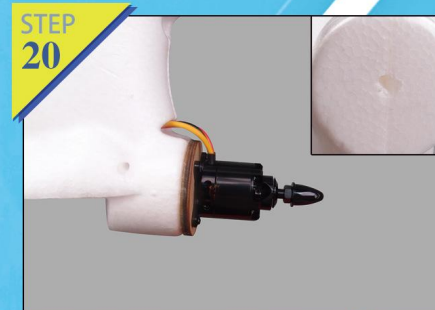


Fig.21-22: Glue reinforcement carbon tube(the same installation of wing carbon bar).Adhere vertical tail plastic part and then fix it on the vertical tail by screws.

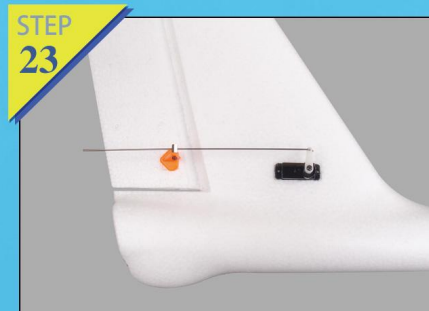


Fig.23-24:Install rudder servo, servo horn and pull rod.



Assembling steps

Carbon tube, Tail fitting and fuselage assembly

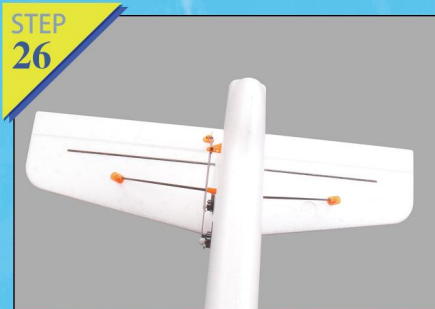
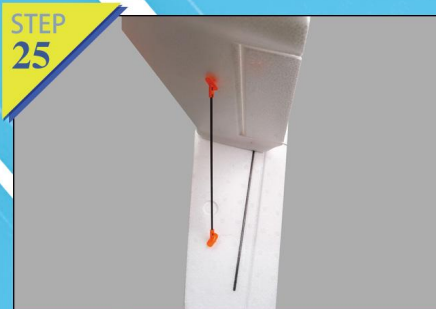


Fig.25-26:Install diagonal bracing and keep the same distance from both side to tail of fuselage. The T-tail is perpendicular to the fuselage.

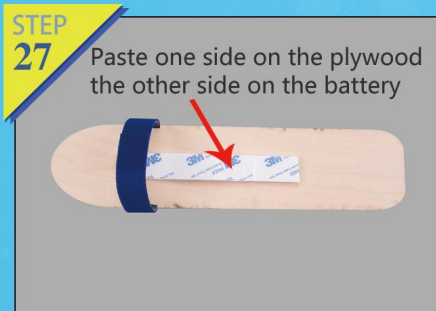


Fig.27-28:Install plywood placed battery. Duab the glue inside cabin and plywood.Air-dry for a while to bond plywood on the cabin.



Fig.29-30:Place and paste the small wood piece into slot of its head, afterwards fix it on the fuselage by screws.

Assembling steps

Wings assembly

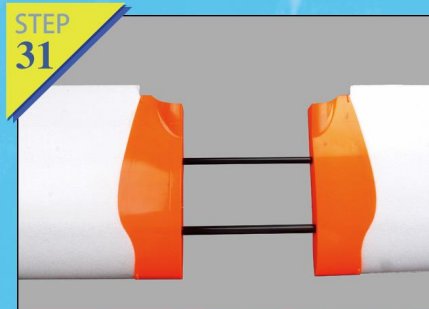


Fig.31-32:Connect wings by caborn tube hose. Fix the carbon tube hose by glue.



Fig.33-34:Use bungee(2 pieces) to fix wings. Fix it as figure33 and the same way to fix the other side.



You could fly and play after pasting the decal and necessary