

Skywalker X5 PRO Installation Instruction



Skywalker X5 PRO is such a meticulous build for professional clients in the field of aerial survey, of which equipment installation are distributed orderly. Adopted module design, it is easy assemble and disassemble, carry over.

Brand	Skywalker	Wing area	44dm ²
Model	X5 PRO	Flying weight	1800-2500g
Material	Imported EPO	Takeoff	Hand cast/catapult
Wingspan	1280mm	Landing	Glide down/parachute
Fuselage length	717mm	CG	From head to back 310-320mm

Recommended configuration

Motor	2816KV840	Propeller	1060E
ESC	60A	Battery	4S 5200mah
Servo	12g*2pcs	Radio	3CH

Photos are only for reference, please note the real item.



CG: From head to back 310-320mm

PNP ELECTRIC APPLIANCE



Motor:2816KV840*1pcs
 Propeller:1060F*1pcs
 ESC:70A*1pcs
 Servo:12g*2pcs(Digital servo), 12g*1pcs(Analog servo)

FOAM KIT



COMPONENT ACCESSORIES



AILERON SERVO COMPONENTS



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.

Fuselage cabin, battery cabin and equipment cabin installation



Fig.1-2:Fix the plastic clip into the proper position of canopy by glue.

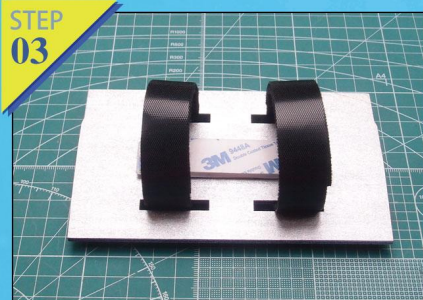


Fig.3-4:Adhere the plywood mount to the battery position in the fuselage cabin.



Fig.5-6:Glue the equipment cabin at the back of the fuselage, and then fasten 4 screws onto the equipment cabin.



ASSEMBLING STEPS

Motor mount, ESC and fuselage Installation



Fig.7-8:Fix motor on the motor mount by 4 screws, and then glue them into the motor slot as well as connect ESC.

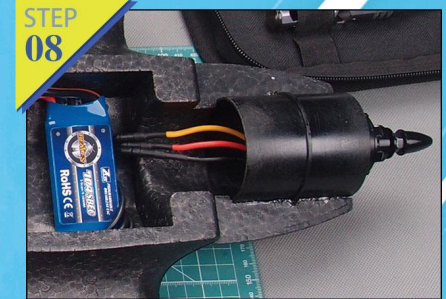


Fig.9-10:Test and adjust analog servo, and then install it on the parachute cabin. After that, fix this cabin into parachute slot.

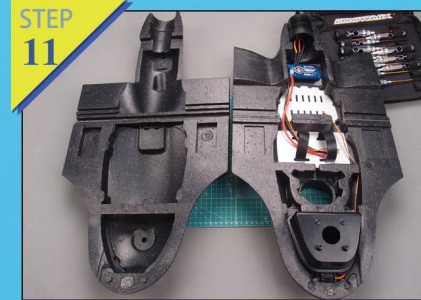


Fig.11-12: Recommended that place FPV equipment well into the fuselage before put fuselage together in case that the equipments are dropped out of the fuselage.



ASSEMBLING STEPS

Fuselage and wings quick connection components, aileron servo test installation.

STEP
13



STEP
14



Fig.13-14: Insert the carbon fiber tube into the fuselage and fix the quick connection components by glue.

STEP
15



STEP
16



Fig.15-16: Insert the other side of carbon fiber tube into wings and then adhere the wing's quick connection components.

STEP
17



STEP
18

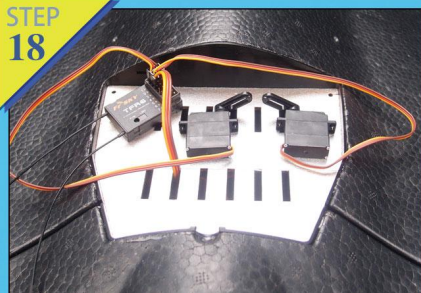


Fig.17-18: Aileron servo installation (2pcs Digital servo): After servos testing, place the plastic parts into the servo slot by glue and put the servo in the slot by screws to ensure that the servo rocker is placed well in the gap between aileron and fuselage(Recommended use AB glue).

ASSEMBLING STEPS

Fuselage and aileron connection, protection cover installation

STEP
19



STEP
20



Fig.19-20: Connect fuselage with wings, fasten the plastic protection cover on the servo by screws(the same installation of digital servos).

STEP
21



STEP
22



Fig.21-22: After aileron installation completion, power on test by remote controller.

STEP
23



STEP
24



Fig.23-24: Use AB glue to adhere protection cover on the head of fuselage. Cut apart pitot hole at the end of left side of the protection cover.

ASSEMBLING STEPS

Winglet installation

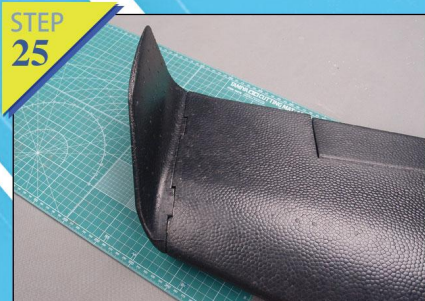


Fig.25-26: Fix the winglet on the wings, the aircraft is assembled well.

Skywalker X5 PRO DIY Exhibition



INSTALLATION COMPELTION



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