

PIAGET II



USER MANUAL

TechOne Hobby

www.techonehobby.com

Features

- 1.The graceful and beautiful appearance, very clean and tidy coating
- 2.Piaget II use special 10MM 45 times EPP material, it's with good flexibility and anti crash,easy installation and maintainance.
- 3.We specially cut crack in the hinges of Aileron,stabilizer,rudder, anti- resistance when swing back and forth, to decrease the servo's loading, it's very flexible and easy control.

Product Specifications

Fuselage Length: 890mm (35.0in.) **Wingspan:** 822mm (32.4in.)
Flying Weight: 210-230g (with battery) **Motor :** AT2206 V2 KV1500
ESC : 10Amp **Propeller:** 9050 **Servos:** 8g micro servo *3pcs
Radio : 4/more channel **Battery:** 7.4v 2S 350mAh-500mAh Li-po

Do not fly under the conditions as below

Wind strong enough to make the trees rustle
A street with many trees or street lamps
Close to high voltage electrical wires
High Population density areas

Cautions for flying

Large gyms, front lawns and parks make excellent flying areas. Make sure you have permission to fly and follow safety guidelines set by local authorities. The calmer the wind, the better!

Note for Storage

Please disconnect the lipo packs when finished flying
Do not press or crush the airplane when storing
The best way to store is to hang the airplane to keep the control surface rigid

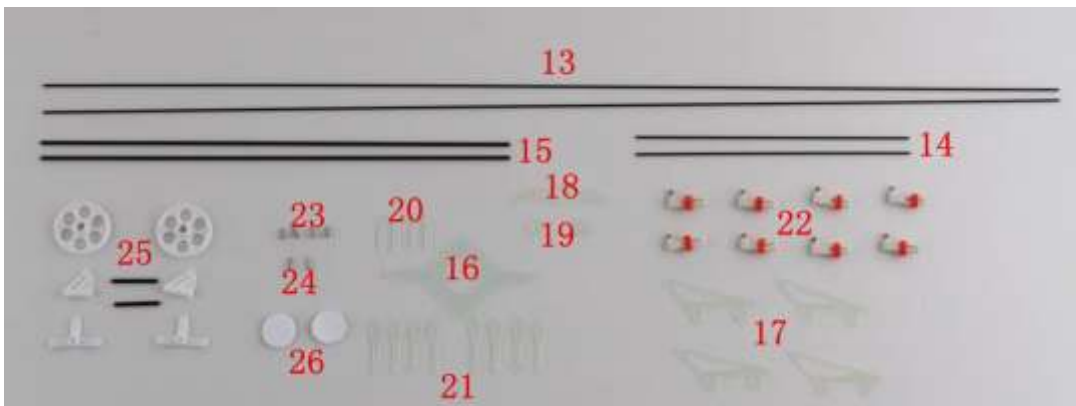
Recommended Flying Setup

Max servo travel of aileron: 45degrees up and 45degrees down (55mm)
Max servo travel of elevator:50 degrees up and 50 degrees down (65mm)
Max servo travel of rudder: 50degrees left and 50 degrees right (70mm)

CG Position: 75-85mm away from the leading edge of the wing.



Parts included in the packing



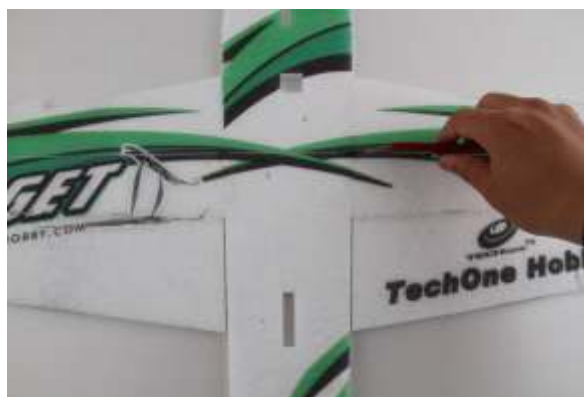
1 : Vertical fuselage	1pc	15: Landing gear carbon fiber rod	2pcs
2: Wing	1pc	16: Motor mount	1pc
3: Horizontal fuselage	1pc	17: Glass fiber control horn	4pcs
4: Rudder	1pc	18 : Servo arm extension	1pc
5: Stabilizer	1pc	19 : Round doubler	2pcs
6: Wheel cover	2pcs	20 : U reinforcement	2pcs
7: Landing gear baffle	2pcs	21 : Push rod knighthead	8pcs
8: Wing fences	4pcs	22 : Plastic clip	8pcs
9: Fuselage reinforcing foam strip	2pcs	23: Self-tapping screw 2*8	4pcs
10: Lower Fuselage	1pc	24: Self-tapping screw 1.4*6	2pcs
11: Wingtip	1pc	25: Wheel	1pc
12: Wing reinforcing batten	1pc	26: Round velcro	2pcs
13: Elevator & rudder push rod	2pcs		
14: Aileron push rod	2pcs		

The assembly steps



Insert the batten into the slot and fix with glue.

1. Glue left and right wing together as picture shown.



2. Wing reinforcing batten installation.
Cut off the cutting seam on the wing.



3. Stabilizer installation.



Make sure vertical fuselage is perpendicular to horizontal fuselage, then fix with glue.



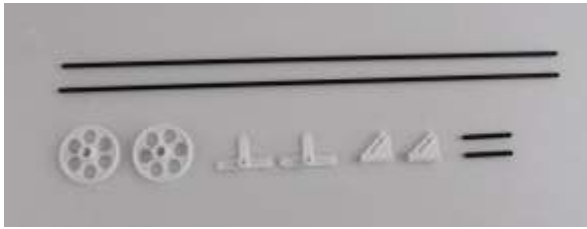
4. Lower vertical fuselage installation.
Cut off the joints between upper and lower vertical fuselage as picture shown.



Install lower vertical fuselage on horizontal fuselage in place.



5. Fuselage reinforcing foam strip installation.



6. Landing gear assembly.



Press 2mm axis into T plastic part.



Then install wheel and triangle part as picture shown.



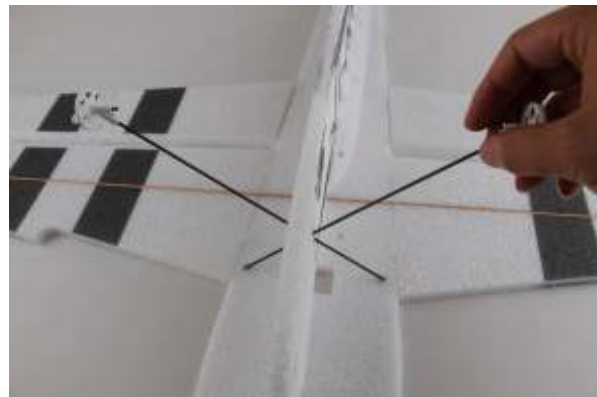
Fix axis and triangle part with glue.



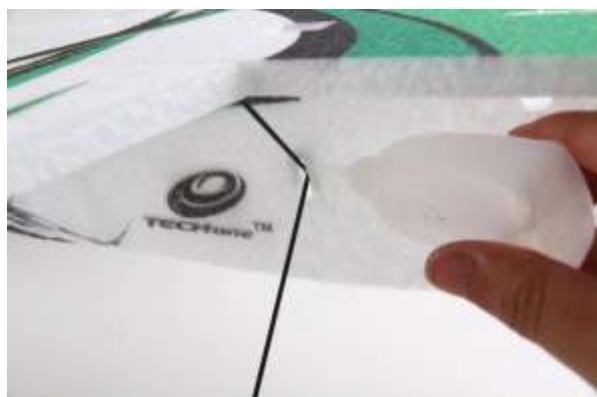
Insert 2×220mm carbon fiber rod into the slot on triangle part, then fix with glue.



7. Landing gear installation.



Glue round doublers on pre-reserved holes on wing, then install landing gear as picture shown and fix with glue.



Place the U reinforcements on the joints of landing gear and lower fuselage as picture shown, then fix with glue.



Landing gear baffle and wheel cover installation



9. Upper fuselage installation.



Insert upper fuselage into the slots on horizontal fuselage, then fix with glue.



10. Rudder installation.



11. Wing fences and motor mount installation.



12. Control horns installation.





Put aileron servo inside the servo house that is the closest to the nose, and fix with glue, then install servo arm extension on the servo.



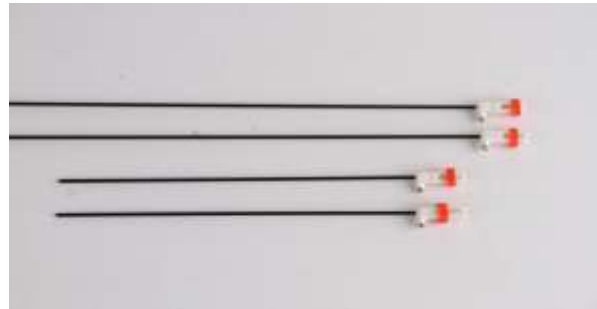
Separately insert 4pcs control horns into pre-preserved holes on rudder, elevator and ailerons, then fix with glue. Make sure the rudder control horn is on the right of rudder.

Put elevator and rudder servo into the middle and rear servo house, then fix with glue.



13. Servo and servo arm extension installation.

14. Plastic clip installation.

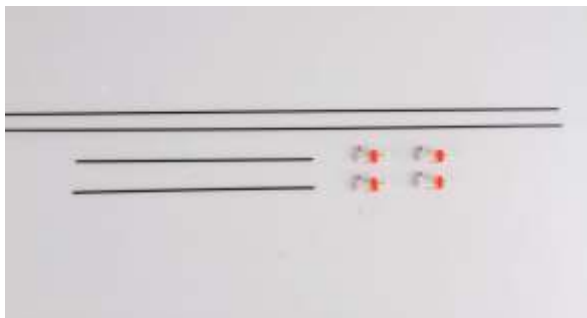


Install the plastic clip on one end of the 4 push rods each.



Separately install 4pcs plastic clip on 4pcs control horns.

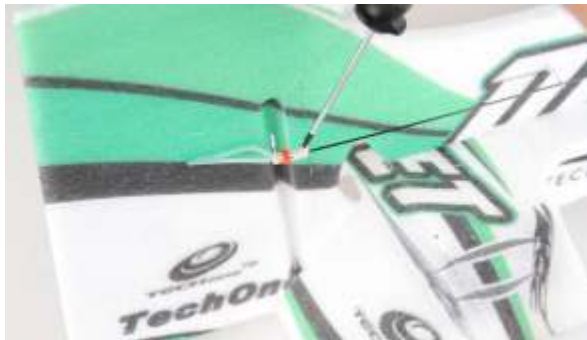
Connect one end with plastic clip to the aileron servo arm, and then connect another end to the plastic clip of the aileron servo horn. Adjust well the length and tighten the screws as picture shown.



15.Push rod installation.



Put on 3pcs knightheads each on rudder and elevator push rod.



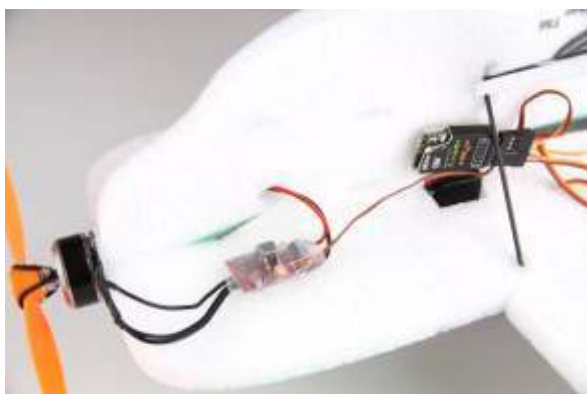
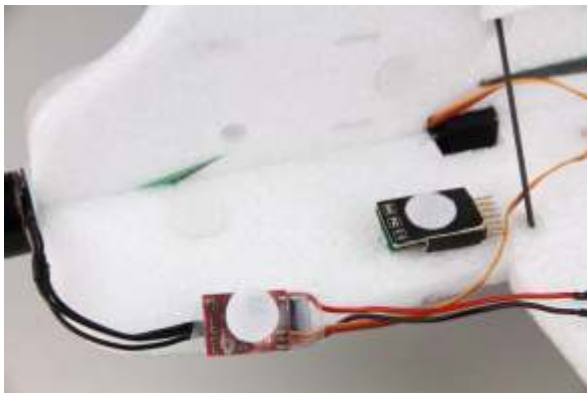
When install rudder and elevator push rod, connect one end with plastic clip to the servo arm, and insert knightheads into pre-reserved holes on fuselage, then connect another end of push rod to the hole on plastic clip. Make sure servo arm, rudder & elevator are in neutral, then adjust the height of knightheads to make push rod in a straight line. After that, fix the knightheads with glue and screw down the screws on plastic clip.



Finished push rods.

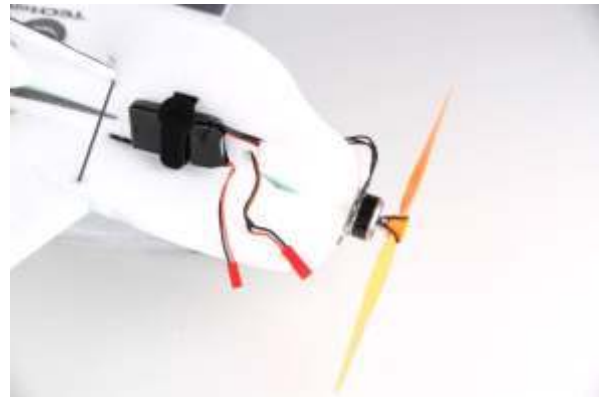


16. Motor and propeller installation.



17. Receiver and battery installation.

Stick one side of round velcro on receiver and ESC, another side on proper places on fuselage, then fix receiver and ESC by velcro.



Fix battery with velcro.



All installation finished.



A perfect piaget-2-EPP 3D is done after your careful assembly. While assembly, the flying weight is really critical to the flight performance and will be affected by adding weight, so you should reduce any unnecessary weight while assembly. Then you'll get the best flying performance.