SLIDER

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TechOne Hobby

Warning: This aircraft is a hobby grade product, only for people 14-year old or above.

Before operating this unit, please read these instructions completely.

SLIDER INSTRUCTION MANUAL

Before operating the unit, please read this manual completely.

Examine your kit carefully!

Our model kits are subject to constant quality checks throughout the production process, and we sincerely hope that you are completely satisfied with the contents of your kit. However, we would ask you to check all the parts before you start construction, referring to the Parts List, as we cannot exchange components which you have already modified. If you find any part is not acceptable for any reason, we will readily correct or exchange it once we have examined the faulty component. Just send the offending part to our Model Department. Please be sure to include the enclosed complaint form, duly completed. We are constantly working on improving our models, and for this reason we must reserve the right to change the kit contents in terms of shape or dimensions of parts, technology, materials and fittings, without prior notification. Please understand that we cannot entertain claims against us if the kit contents do not agree in every respect with the instructions and the illustrations.

Caution!

This is a sophisticated hobby product and is NOT a toy. It must always be operated with caution, common sense and some basic mechanical ability. This manual provides instructions as the assembly, safe operation and maintainence of this hobby product. It is highly recommended that you follow and read fully the instructions and warnings stated in this manual including, safety, assembly, set-up and flying guidelines in order to operate this product correctly and avoid damage or serious injury.

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Slider Specification

1. The Slider plane is 670mm wingspan with wind resistance, and easy to carry.
2. It can do fun flight, the simple structure is easy to maintain and repair.
3. The flying gliding is good with slow speed. Stable performance and easy to control.
4. It can complete basic flying action, as well as 3 D crane action.
5. It use large density of EPP materials, to ensure the airplane have enough strength and resistance to fall off.

Product Specifications

Fuselage length: 510mm (20.1IN.)
Wingspan: 670(26.1IN.)
Flying Weight:142--148g (with battery)
Motor: MT1306 KV3100
ESC: 6A--10 Amp
Propeller:GWS 6030
Servo: 3.7g micro servo*3pcs
Radio: 4/more channel
Battery: 7.4V 2S 500MAH

Do not fly under below conditions

Wind Strong enough to rustle the trees
A street with many trees or lamps
Area close to high voltage wires
Area with high density population

Cautions for flying

Large gyms, front lawns and parks are excellent areas for flying. Make sure your flying is permitted and within the appointed safety area by local authorities.
The more windless, 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: 30 degrees up and 30 degrees down(50mm)
Max servo travel of elevator:45 degrees up and 45 degrees down(50mm)
Max servo travel of rudder: 45 degrees left and 45 degrees right (60mm)

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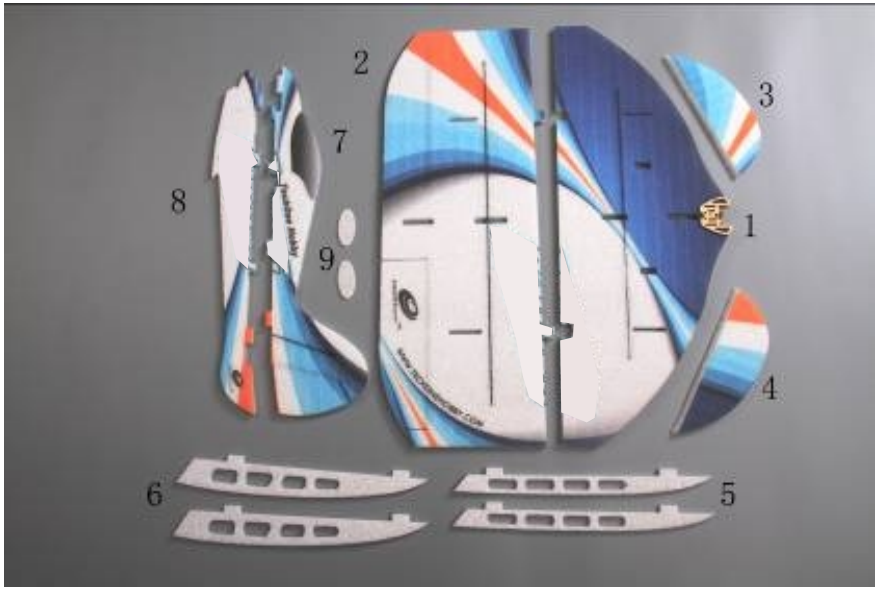
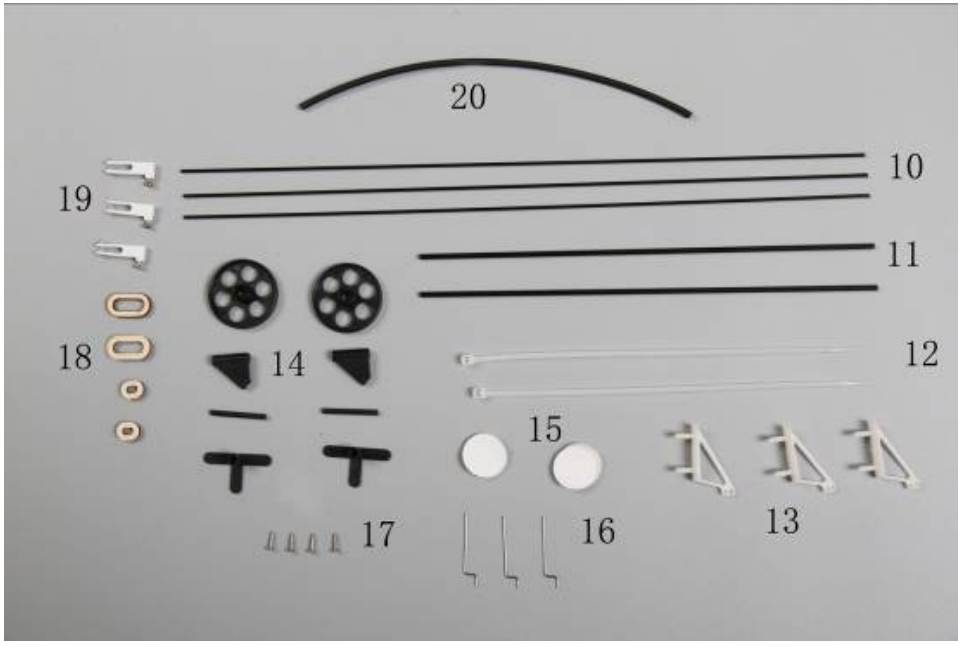
CG Position:
145--155mm away from the motor mount



1.Front wing
2.Back wing
3.Left Wing tip
4.Right Wing tip
5.Lower fences
6.Upper Fences
7.Upper Fuselage and Rudder
8.Lower fuselage
9.Landing gear cover



10.Pushrod
11.Landing gear carbon pushrod
12.Nylon strip
13.Control horn
14.Wheel sets
15.Round velcro
16.Z bend
17.Motor fixed Screw
18.Reinforced wood of landing gear
19.Clevis
20.Shrink tube

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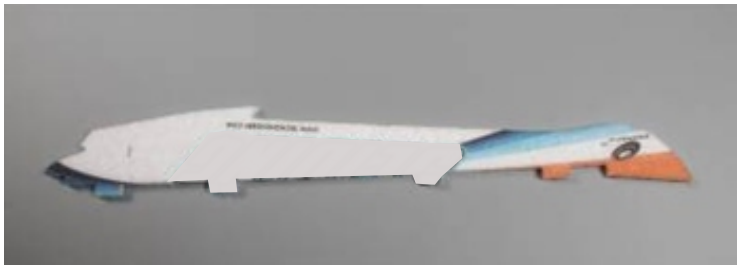
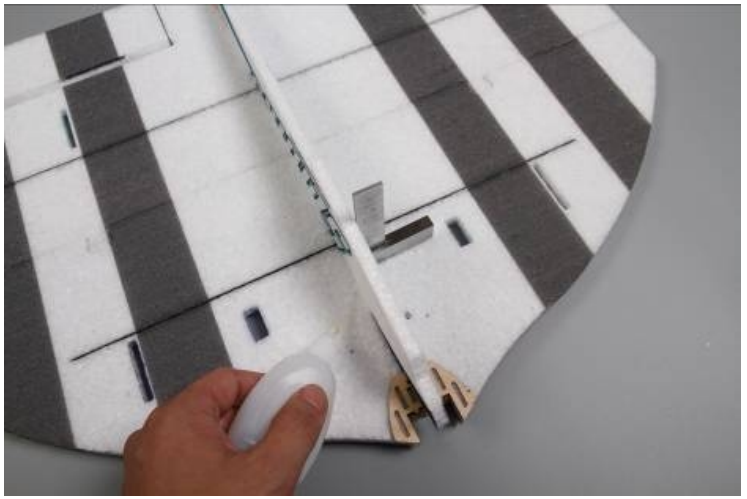
Steps of ASSEMBLY

Front Wing, Back Wing

1.Match the front wing on the back wing with glue.



Lower fuselage



2.Put the lower fuselage on the corresponding location of wing, and fix with glue, make sure they are perpendicular to each other.

Wheel locating part, wheel shaft

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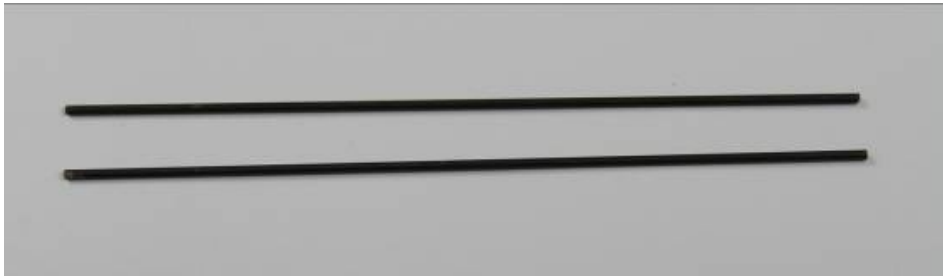
3.Assert the wheel shaft into the corresponding slot of wheel locating part, then fix with glue.

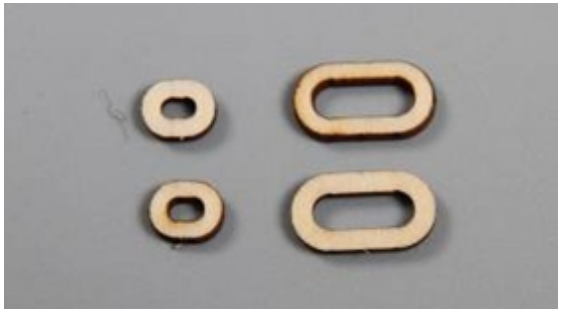
Wheel and Wheel bracing

4.Install the wheel on the wheel locating part, then fix the wheel bracing on the wheel shaft with gule, make sure the right angle of wheel locating part and wheel bracing.



Landing gear carbon pushrod

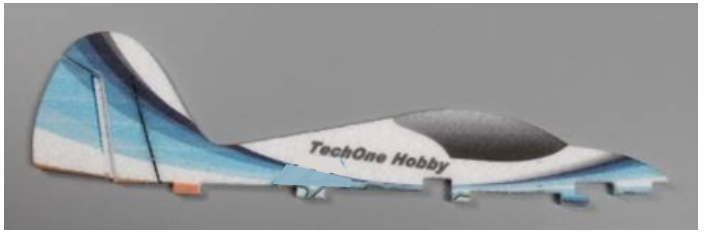
5.Fix the landing gear carbon pushrod into corresponding slot of Wheel bracing with glue.



Reinforced wood of landing gear

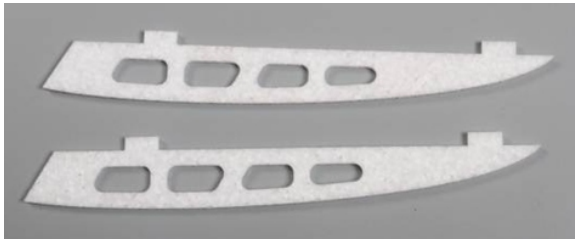
6.Fix the reinforced wood of landing gear on the corresponding slot of Front wing and lower fuselage with glue.

7.Cross the landing gear carbon pushrod to lower fuselage, put on the bottom surface of front wing, and fix with glue.



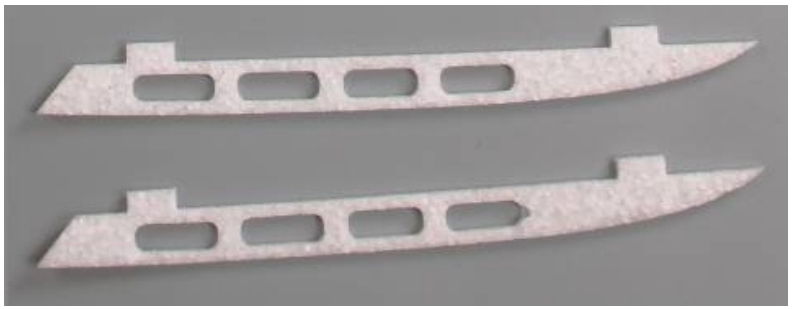
Upper fuselage and Rudder

8.Put the upper fuselage on the corresponding of wing, then fix with glue, and make sure they are perpendicular to each other.

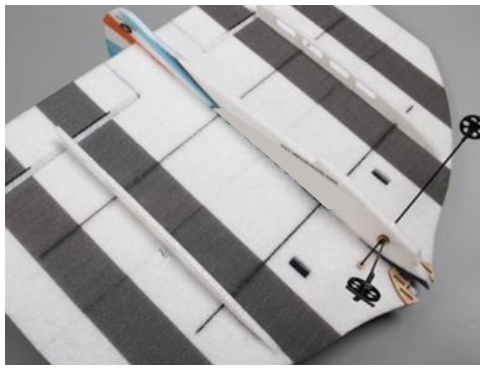


Upper fences

9.Put upper fences on the corresponding of the wing, then fix with glue, and make sure they are perpendicular to each other.

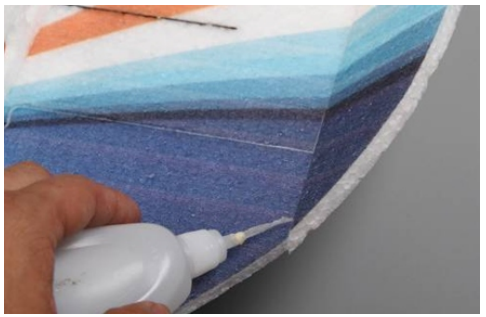


Lower fences



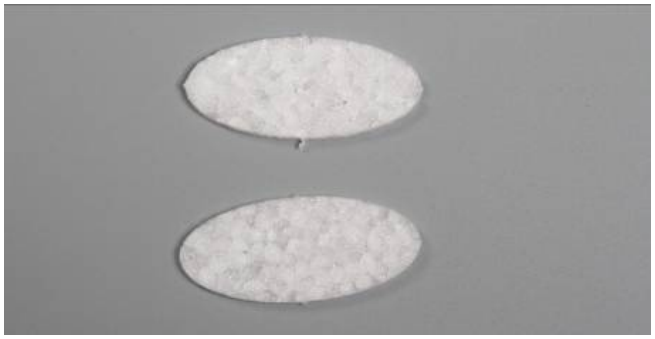
10.Put the lower fences on the corresponding slot of wing, then fix with glue, and make sure they are perpendicular to each other.

Left and right Wing tips



11.Put the left and right wing tips on the corresponding position of wing fences, and fix with glue, make sure the bonding adhesive surface to be flat and the surface edge of upper wing aligned.

12.When the glue is dry, cut the convex part of lower wing on lower surface of left and right anhedral by knife, make sure it's flat.

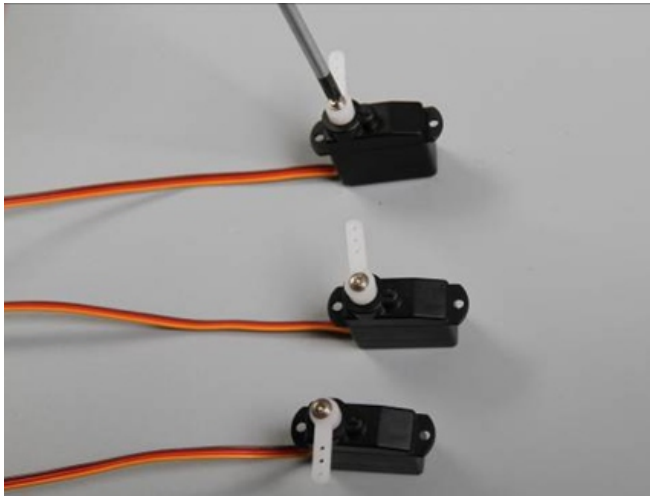


Wheel cover

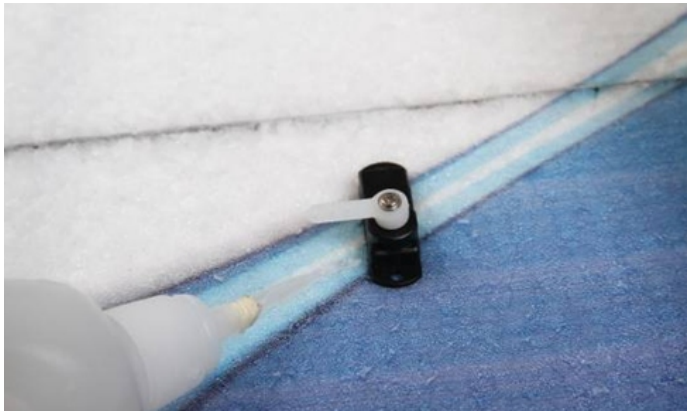
13.Put the landing gear cover on landing gear locating parts, and fix with glue, make sure the correct positional relation as picture shown. Above step for Kit have been finished.

3.7G servo 2pcs

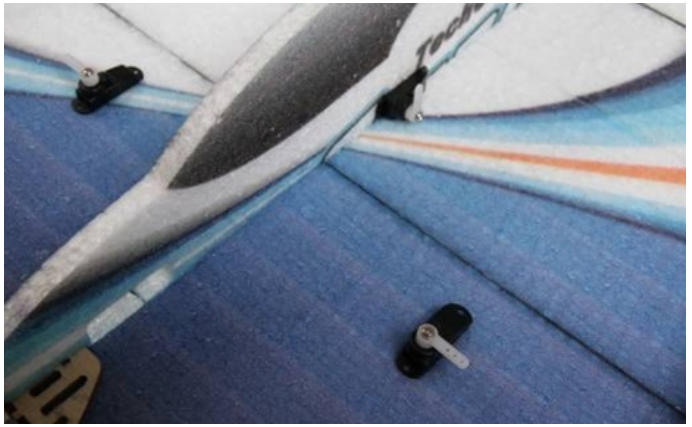
14.Install the servo arm after servo charged, make sure they are neutral.



15.Fix the servo arm with screw.



16.Put the servo on the corresponding slot of wing and fuselage, and fix with glue.



Complete installation for servo

Plastic servo horn

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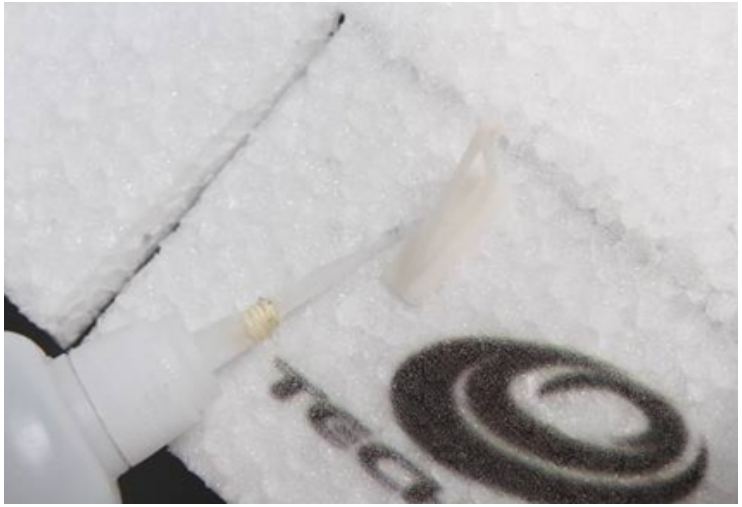
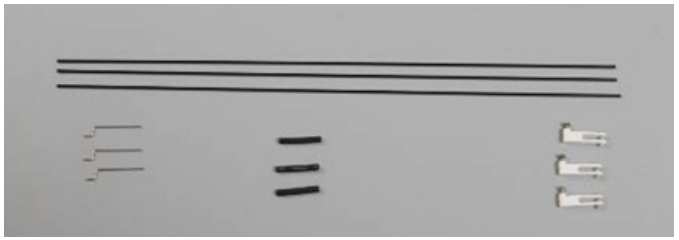
17.Install the plastic servo horn into the corresponding hole site of control surface



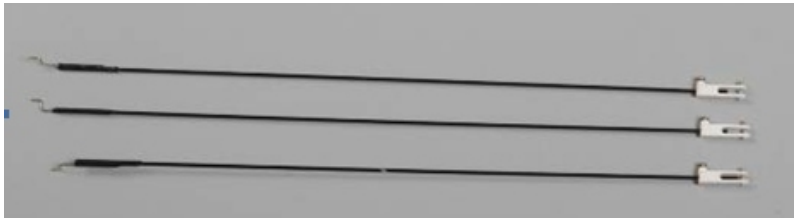
18.Place the servo horn well, then fix with glue

Complete installation for the servo horn

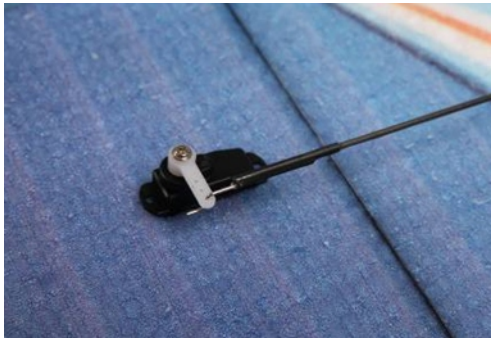


Carbon Pushrod, Z steel, shrink tube, clevis

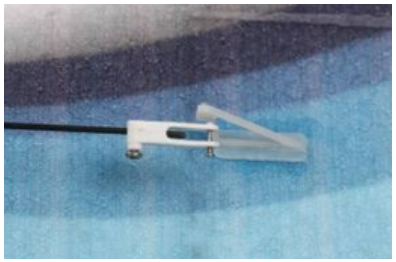
19. Fixed the Z steel through the shrink tube on the one head of the carbon pushrod of control horn, make sure to strengthen again with glue.

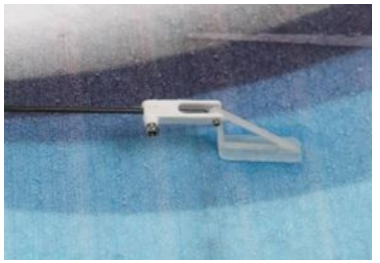


20. Connect and fix the clevis on another head of carbon pushrod with screw.



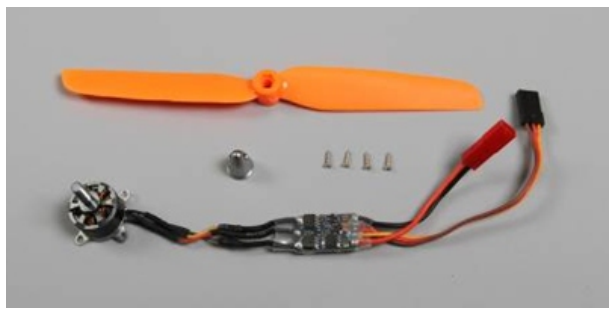
21.Install the Z bend on the servo arm after pushrod assembly.



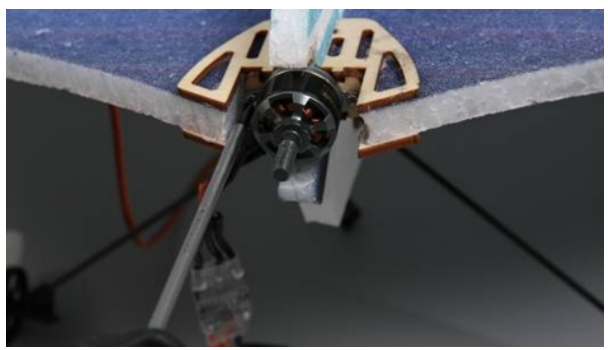


22.Install one head with clevis of assembled pushrod on the servo horn.

Complete installation for pushrod



Motor: MT1306 KV3100
ESC 6A—10A
Propeller: GWS 6030
Motor mounting screws: 1.5*5MM 4pcs



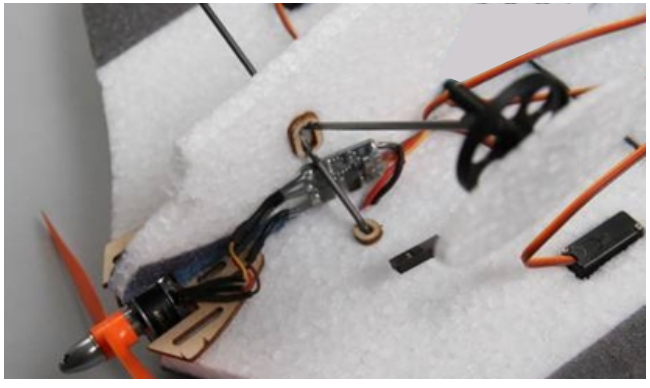
23.Fix the motor on the motor mount with screw.

24.Install the propeller on the motor shaft.

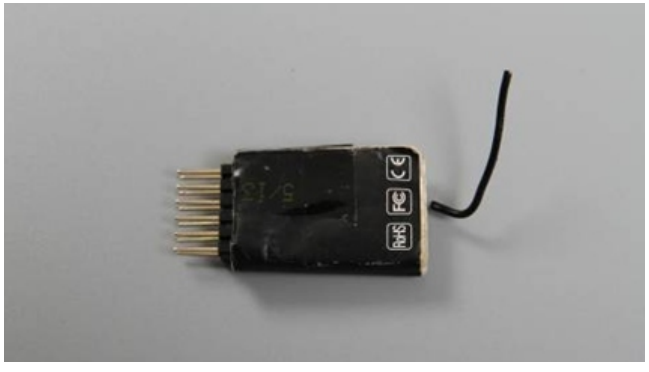
25.Fix the propeller on the motor through bullet nut.

Round velcro

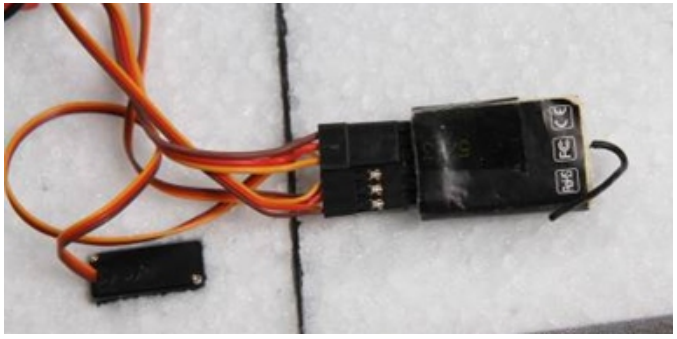
26.Tear one surface of round velcro and glue on the ESC.



27.Tear another surface of round velcro and fix it on the fuselage.

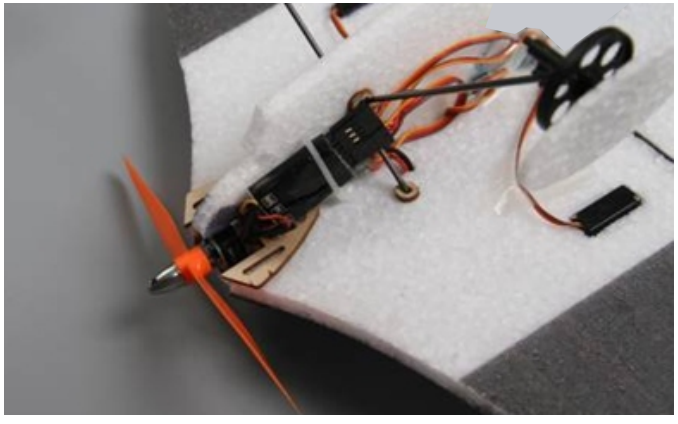


Receiver



28.Insert the servo wire plug and ESC wire plug into the corresponding position of receiver

Nylon strip



29.Put the electronic parts in place, and lock with nylon strip.

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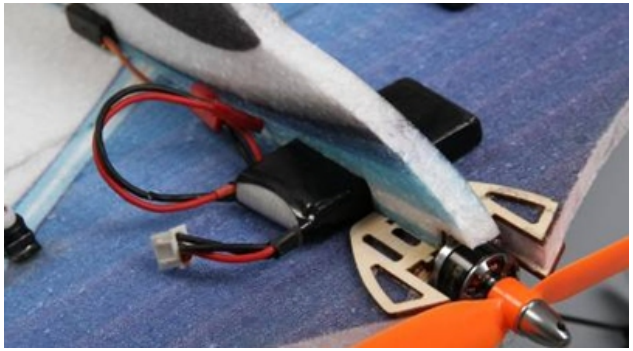
Battery 2S 7.4V 500MAH



30.Put and fix the battery in the corresponding slot of fuselage

A perfect **Slider -EPP** 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.

Safety

Safety is the first rule for any kind of flying. Third party insurance is not mandatory but we feel it is essential. If you join a model club they usually have an insurance scheme as part of the membership fee. It is your personal responsibility to ensure you have adequate insurance. Make it your priority to keep your models and radio control system in perfect order at all times. Check your batteries are being charged correctly and that you are familiar with How your charging equipment operates. Check your RC gear regularly and ensure you carry out a range check before each flying session. As out products are exclusively designed and produced by professional modelers, it's our major ambition to make excellent products and accessories.

Always fly with a responsible attitude. Please don't fly your models dangerously, it is not wise to fly near people or over their heads.

Always fly in a way which will not endanger yourself or others. Keep in mind that even the best RC system in the world is subject to outside interference. No matter how many years of accident-free flying experience you might have things can go wrong.

Fly safe and have fun.