

AGE 14+

TOPTM
R/C HOBBY

SKY SURFER

Assembly and Operating Instructions



PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATING THIS PLANE

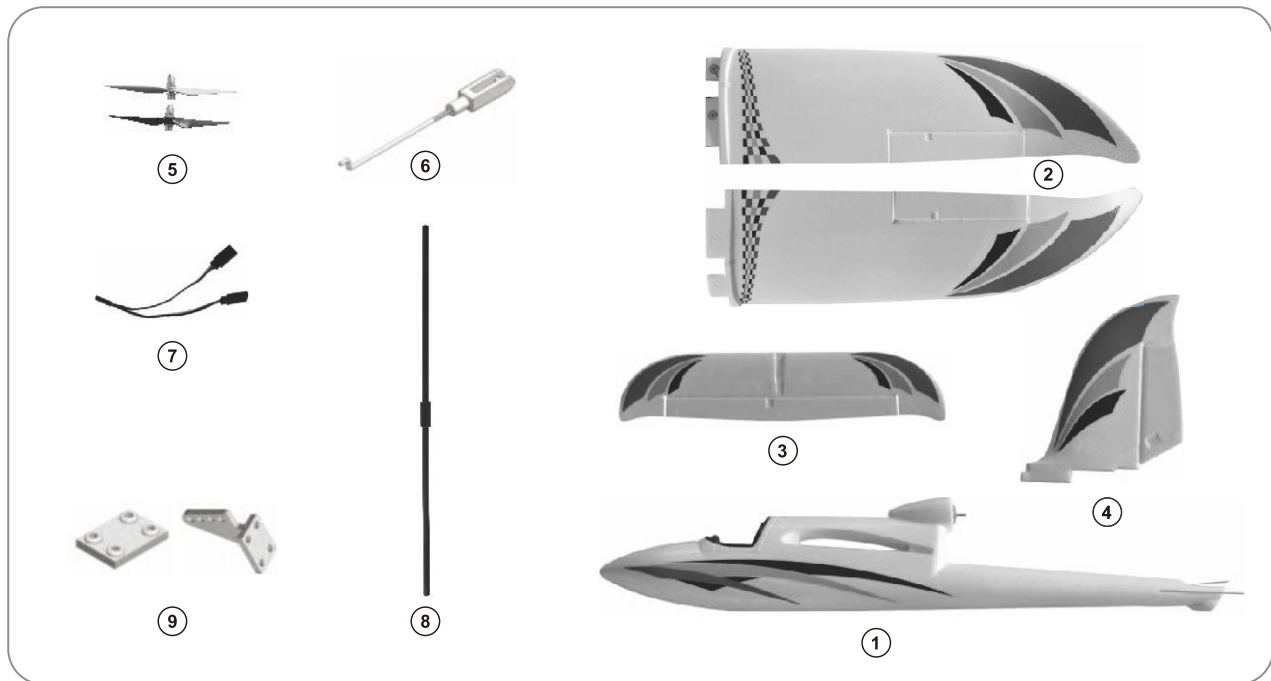
Specifications:

Length:925mm
Wingspan:1400mm
wing area:26.50dm²
wingloading:25g/dm²
flight weight:650g
4pcs 9G servos
out-runner brushless moter,KV1850
20A ESC
11.1V-1300mAH-20C LI-PO Battery
propeller:5.25 x 4.75



Safety Precautions:

- This is an electric remote controllable model plane and is not a toy.
- This Sky Surfer model is designed for intermediate to advanced pilots.
- Children younger than 12 years old must be accompanied by an adult when operating this model.
- Only fly this model in an open area and away from crowds of people, buildings, and high voltage power lines.
- Please always put safety first and operate this model as instructed and to heed the warnings as stated in this manual.
- The supplier/manufacturer accepts no responsibility for damage or injury caused by the use of this model.



1.Fuselage

4.Vertical Stabilizer

7.Y-Splitter

2.Main Wing

5.Propeller

8.Wing Rod

3.Horizontal Stabilizer

6.Control Rod

9.Control Parts

Battery Charging:

The battery must be fully charged before you attempt to fly this Sky Surfer To charge the battery, connect the Li-Po battery to the balance charger and the charger to the universal adapter. The universal adapter in turn connects to a car battery via the two alligator clips at the end.

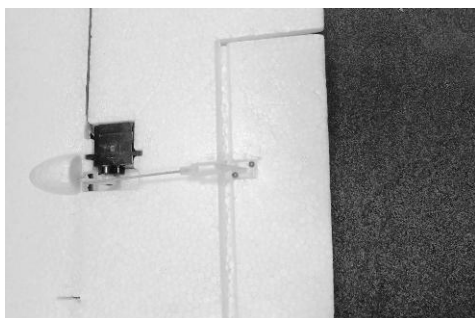
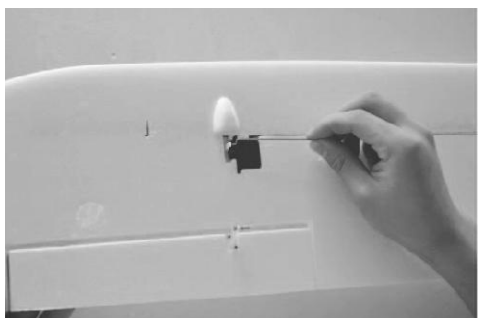
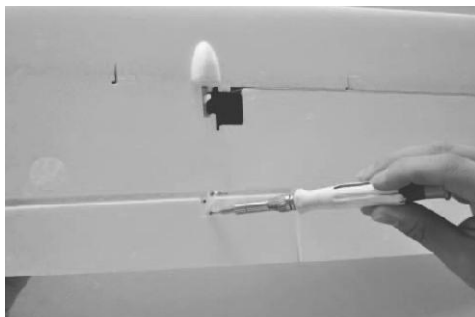
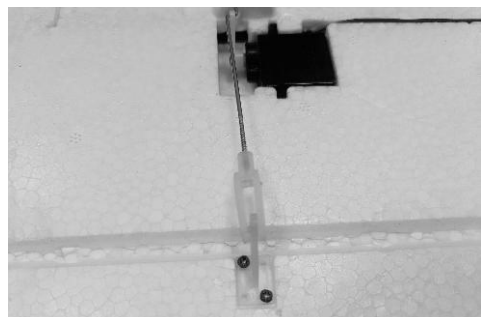
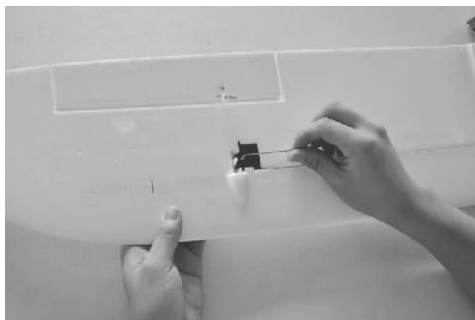
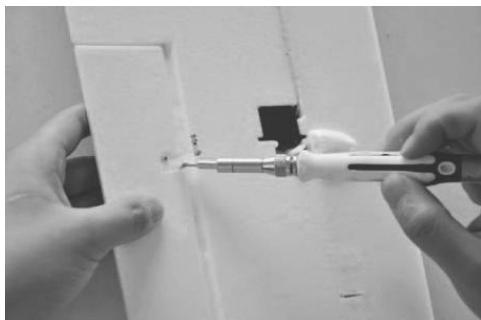
The green charging light will indicate that the battery is charging. When the green light disappears, then it is ready to use. Charging usually takes 2.5 hours but it does vary depending upon how much charge your battery already has. The Li-Po battery will not get hot when charging. DO NOT overcharge the battery as this will damage it.

Important Safety Notice:

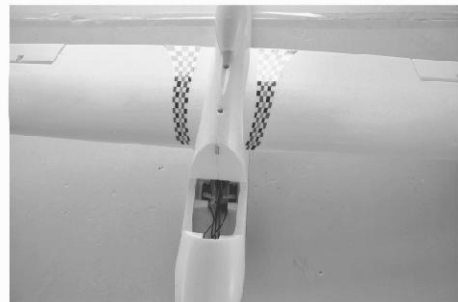
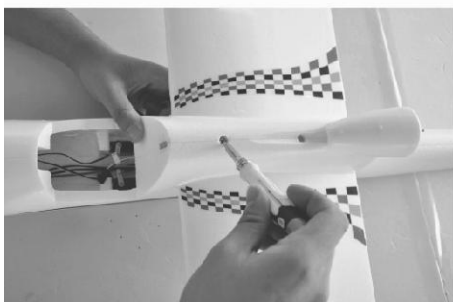
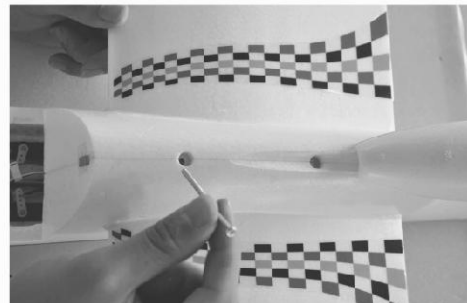
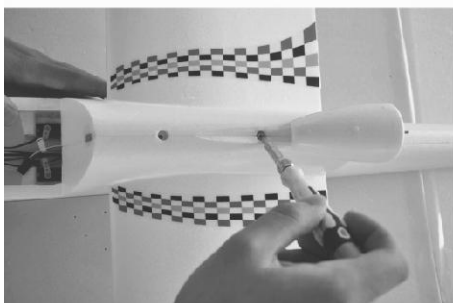
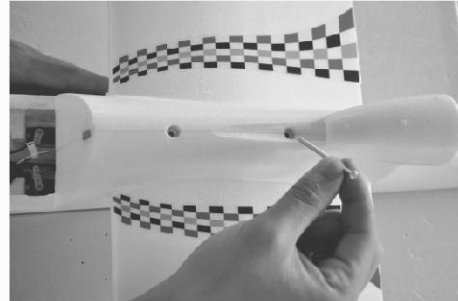
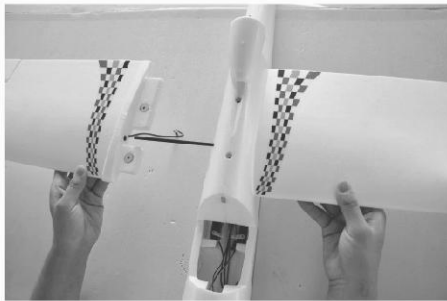
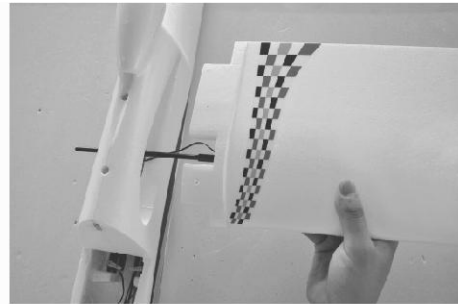
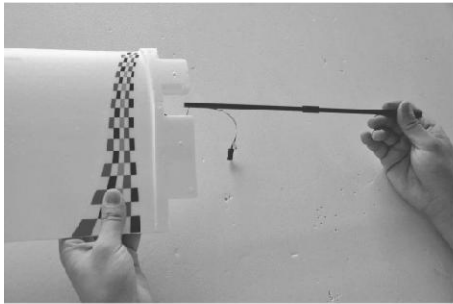
When charging the battery, do not leave it unattended. Do not leave this battery charging when children are present. Observe the charger and battery for any abnormality such as a sudden rise in temperature or puffiness.

Assembly Instructions:

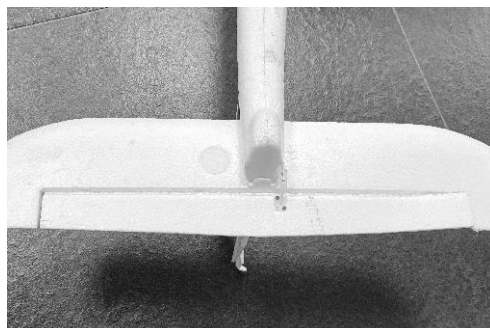
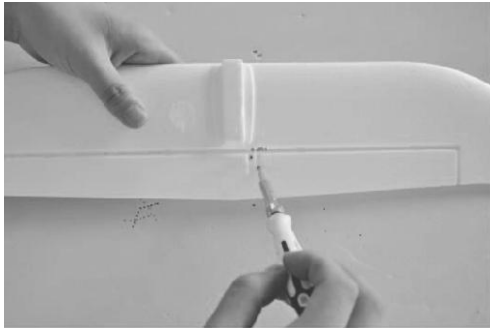
1. Use a tool to fix and install the aileron. Install the rod to the wing. This rod connects the servo to the wing.



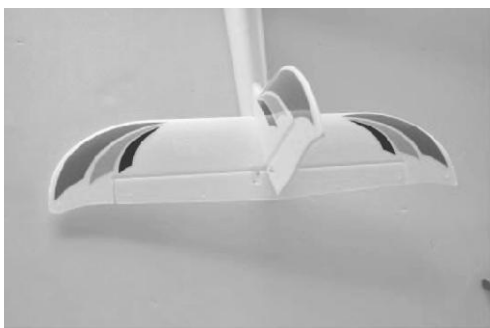
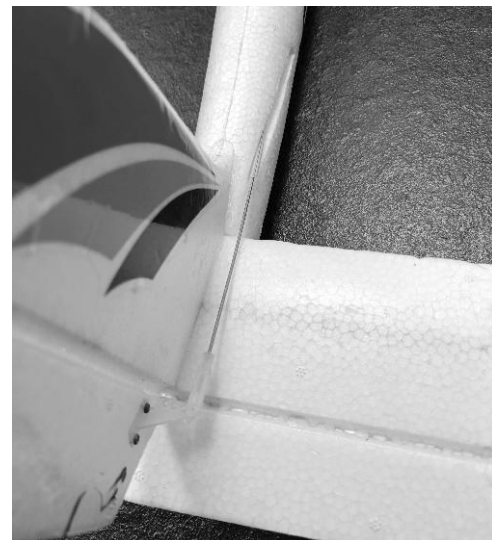
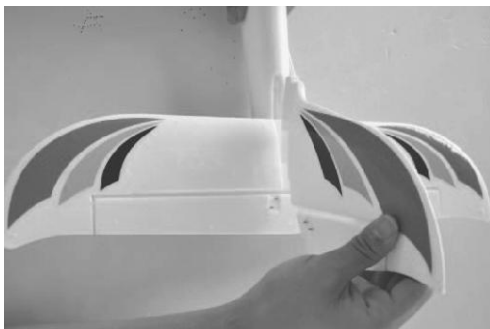
2. Push the wing rod into the wing as shown. Fix the main wing panel to the fuselage. Use a tool to fix and install the main wing onto the fuselage.



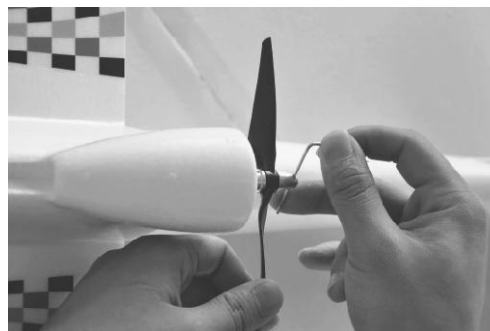
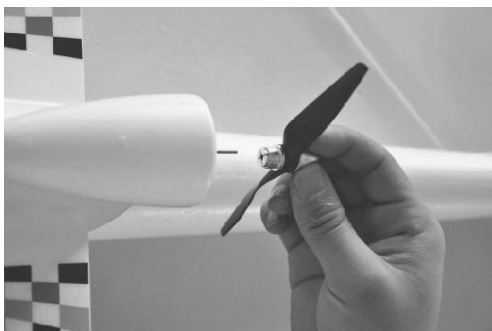
3. Use a tool to fix and install the vertical tail. Remove any excess glue and hold it in position until the glue sets. Install the linkage rod to the vertical tail. The rod connecting the servo to the fuselage is pre-assembled



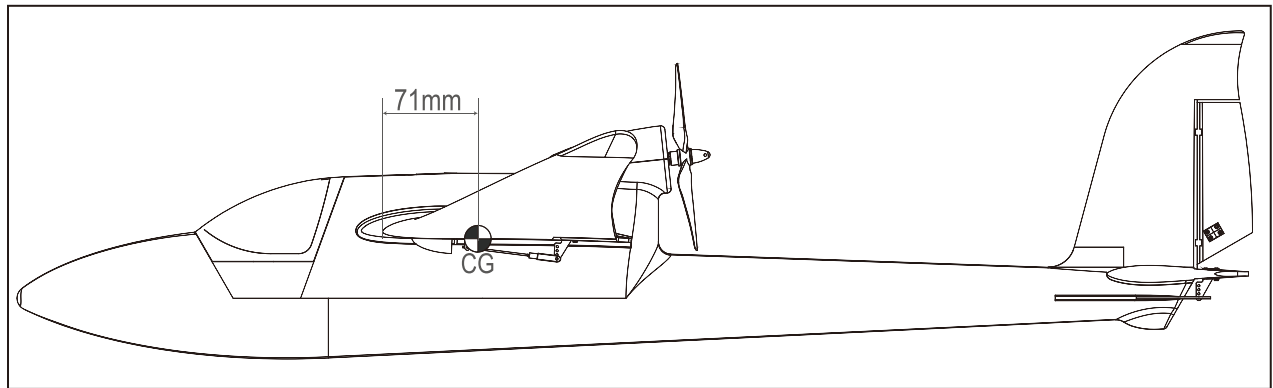
4. Use a tool to fix and install the stabilizer as shown. Remove any excess glue and hold it in position until the glue sets. Install the linkage rod to the stabilizer. The rod that connects the servo in the fuselage is preassembled.



5. Attach the propeller as indicated in the picture. Use a cross head screw driver to tighten it.



6. Make sure the center of gravity(CG) is as indicated in the following diagram.



Operating the Sky Surfer

Powering Up

1. The correct power up process is to turn on the transmitter (controller) first.
2. Lower both the throttle stick (left joystick for Mode 2) and the throttle trim tab (left vertical trim tab on Mode 2) all the way down before powering up the Sky Surfer.
3. To power on the Sky Surfer, connect the battery to the ESC (electric speed controller).

Final Adjustments:

1. Turn on the transmitter. Make sure the throttle stick and throttle trim tab are both all the way down. Center all the other trim tabs.
2. Connect the plane's battery to the ESC (Electronic Speed Controller) underneath the plane's cockpit. When connected, you will hear three beeps to indicate that it is working.
3. Check that the servos in the plane are set in the neutral position. You may have to make minor adjustments to the servos or push rods. The Aileron and elevator surfaces should be centered.
4. Place the canopy back onto the plane and attach the decals as shown in the pictures on the box.

Warning:

- Beginners should seek help and advice from an experienced person.
- Choose an area large enough and away from buildings, people, vehicles, and overhead power lines. Always check that your AA batteries are new or fully charged if using rechargeable batteries. After turning on your transmitter and plane, do a range test before flying.
- Do not fly in presence of a strong wind or rain.
- Do not try to catch the plane by hand when flying.
- Do not touch the propeller when the motor is running. You will cut yourself.
- Always disconnect your battery after every use.

We hope you have enjoyed assembling this model.



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