

SkyWing Product Manual

Thank you for purchasing SkyWing products. We hope they can bring you many hours of enjoyment.

Recommended Set-up:

- 30A Electronic Speed Control (not included)
- 1000-1300 mAh 3-cell LiPo battery (not included)
- 2215, 2216, 2217, or 2834 KV920-1100 Brushless Motor (not included)
- 1060 or 1147 Slow-fly Propeller (not included)
- 9-gram Servo x 4 (not included)
- 250-300 mm Servo Extension x 2 (not included)

Besides general purpose CA, you will also need:

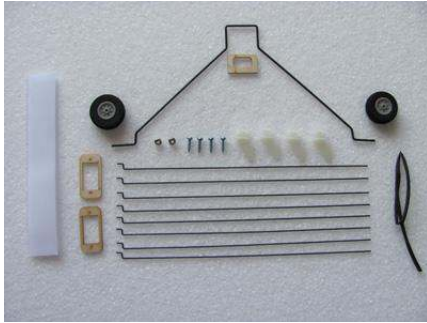
Wire-cutting Pliers	Soldering Iron
Hobby Knife	Phillips Head Screwdriver
Ruler	Hex Socket Head Screwdriver

Assembly Notes:

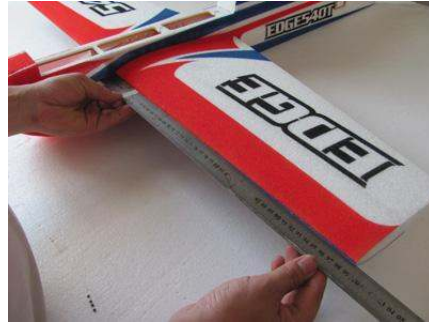
- If you are unfamiliar with EPP 3D planes, please read this manual;
- Please do not apply too much CA;
- Care must be taken when you use your soldering iron near your EPP airframe;
- EPP can deform in an environment of certain temperature and humidity. You may need to adjust the shape of your EPP airframe when building your plane and installing the electronics.

Warning: This product is not a toy. Children under 12 years of age or people of no relevant experience should seek guidance from experienced hobbyists when building and flying this product. Model planes can be dangerous if operated inappropriately. Please always put safety first when enjoying your model plane.

(Your kit content may look different from the parts shown in this manual. However, the steps and explanations should apply to your build.)



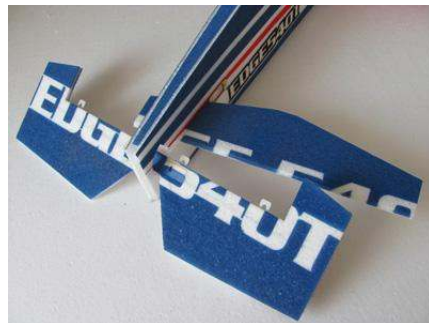
1. Before you start your build, make sure you have all the accessories.



2. Insert the wing and make sure it is symmetrical about the fuselage axis.



3. Apply CA (not too much) to glue the wing and the fuselage together.



4. Install the horizontal tail (insert the elevator first, and then the stabilizer)



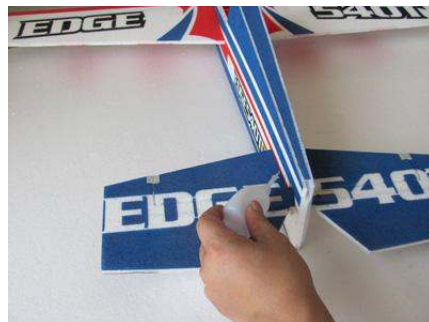
5. Make sure the horizontal tail is symmetrical about the fuselage axis.



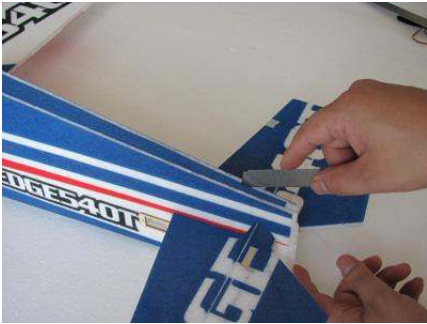
6. The distances from the elevator tip to the wing tip should equal on both sides.



7. Make sure that the horizontal tail is parallel with the wing.



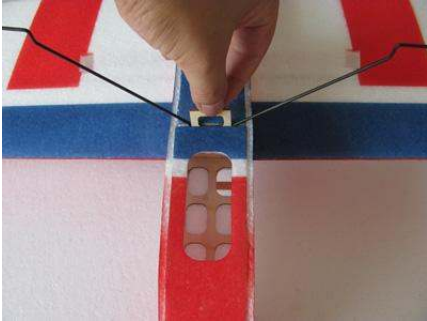
8. Then apply CA.



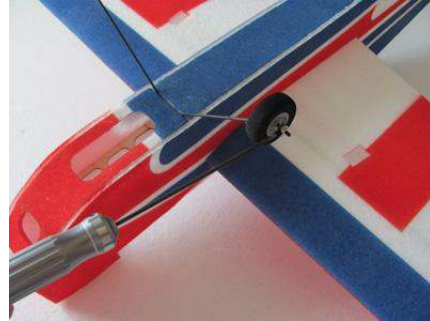
9. Cut a slot for the vertical stabilizer.



10. Glue the vertical tail with CA.



11. Glue the landing gear into position with CA.



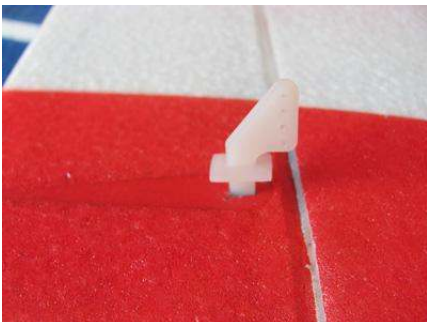
12. Install the landing gear wheels with a hex-socket-head screwdriver.



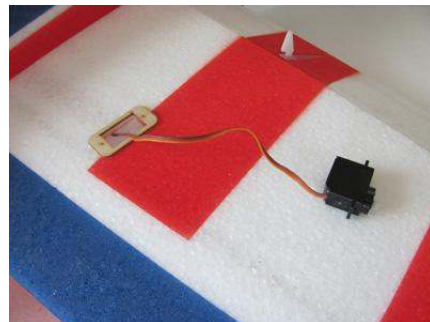
13. Glue the servo frame to the wing. Do this on both sides. Easy on using CA here.



14. Put on ailerons with CA.



15. Insert the control surface horn and apply a bit CA. Do this for all 4 control surfaces.



16. Install servos with screws.

Set-ups for Flying:

- Aileron Throws: 35-40 Degrees
- Elevator Throw: 40-45 Degrees
- Rudder Throw: 40- 45 Degrees
- Center of Gravity: It should be 100-105 mm from the center of the leading edge of the wing on the fuselage's centerline.

Advice on Flying

- 1) Do not fly in gusty, low-visibility, or rainy weather;
- 2) Do not fly close to people, buildings, or high-voltage power lines;
- 3) Make sure that your radio equipment works as intended, your control surfaces turn in the right directions, and your batteries are properly charged;
- 4) If you are inexperienced in RC flying, have someone experienced to help you;
- 5) Please remember that you are the one who is responsible for all aspects of your model plane flying. Your flying enjoyment relies on safe flying.

EPP Plane Maintenance

- 1) Please do not leave your EPP plane in your vehicle for a long time. Extreme temperature in your vehicle can damage your EPP plane.
- 2) Do not expose your EPP plane to the sun for a long time on sunny days.
- 3) The best way to store your EPP plane is to hang it vertically in room temperature.