

## FINAL BUILD CHECKLIST FOR **PRE- MAIDEN FLIGHT** OF YOUR ELECTRIC RC PLANES

IF YOU FIND ANY ANOMELIES, **STOP, REPAIR, START OVER, ALWAYS**

1. Make sure all the glue joints on the airframe are as you want them glued.
2. Make sure all covering is adhered and tight.
3. Check all linkages to make sure they are not stripped out and are engaged with plenty of thread, also servo arms and screws.
4. Center all control surfaces and show zero trim on trim switches.
5. Secure all servo extensions with shrink tube so they cannot be disconnected in flight.
6. Make sure ALL fasteners are secure and none are stripped out, including wing bolts servo screws and wheel collars.
7. Check all connections to receiver.
8. Check all servo connections.
9. Check all voltages to and from the BEC and or ESC
10. Make all servo voltages max for the servo in giant scale to prevent voltage drop.
11. Check motor fasteners for tightness and make sure that nothing rubs the outside of the motor.
12. Look at all solder joints.
13. Make sure you mark the plane for battery info and which transmitter you are using.
14. Check the direction and function of each control surface or actuator.
15. Set all Control throws to your liking or as suggested in the manual or on the drawing for the kit.
16. Secure any pilot figures or accessories you added to the kit.
17. Clear coat over any decals you add.
18. Verify the rotation of each propeller.
19. Verify proper timing and any other settings in the ESC.
20. Verify proper clearance and function of retractable landing gear.
21. Set and verify the CG for the model, check in gear up and down position.
22. Make sure any paint is dry.
23. Make sure that batteries and or battery trays can be secured.
24. Make notes about what components you used in this model, they will come in handy later.
25. Check the props and spinners for tightness and proper clearances.
26. Make sure batteries are easy to change, this will make you want to fly it.
27. **DO NOT RUSH TO FLY**
28. Check all windows and windscreens are secure.
29. Secure all antennas or wires.
30. Tidy up the interior of the cockpit.
31. Label all wires.
32. Make sure all props are balanced.
33. After securing the aircraft, run the motor up to check vibration and structure.
34. Make sure that you pick a day that is as perfect as possible to maiden.

