

# Ventura County Comets

## Li-Po Battery RC Aircraft Safety Check List

**AIRWORTHINESS REVIEW:** The ultimate responsibility for the safety and airworthiness of this aircraft rests solely with the owner and/or pilot. All items listed must be reviewed and checked by the owner and/or pilot for the aircraft to be airworthy for flight.

- Batteries are fully charged prior to flight (transmitter and aircraft)
- Battery and ESC are secured within/on the aircraft
- Battery, ESC, motor, and propeller, as a system, has been bench run and checked for each components capacity for the intended operation (watts, amps, volts)
- Inspection has been performed to ensure that there are no obstructions to the airflow, and that adequate cooling has been provided to the electrical drive system components.
- General Appearance (check for damage, warps, loose or open covering)
- Propeller is secure (check for cracks, damage, balance)
- Motor securely attached
- Kill switch/throttle adjustment properly set (Can I kill the engine with the radio?)
- Engage the "Fail Safe Mode" if supported by your transmitter (i.e. Prevents unintentional electric motor response on start-up. Eliminates the possibility of overdriving servos on start-up. Establishes low-throttle failsafe if the RF signal is lost. • Maintains last-commanded control surface position in the event of RF link interruption.)
- Wing attachments secure including struts
- Servos and servo mounts/screws are secure
- Aileron/Flap hinges, push rods and control link keepers secure
- Elevator hinges, push rods and control link keepers secure
- Rudder hinges, push rods and control link keepers secure
- Flying wires, if any, are secure
- Canopy is secure
- Hatches or Covers are secure
- Wheels and landing gear are secure & free wheeling
- Range test performed at flying site prior to flight
- All controls going in the right direction (Ailerons, Elevator, Rudder, Throttle)
- Name, phone #, and AMA # displayed on the aircraft