• Store the battery partially charged (approximately 50% charged/3.85V per cell), at room temperature (approximately 68–77° Fahrenheit [F]) and in a dry area for best results.

• When transporting or temporarily storing the battery, the temperature range should be from approximately 40–100°F. Do not store the battery or model in a hot storage car or direct sunlight whenever possible. If stored in a hot garage or car the battery can be damaged or even catch fire.

• Do not over-discharge the LiPo flight battery. Discharging the LiPo flight battery to a voltage that is too low can cause damage to the battery resulting in reduced power, flight duration or failure of the battery entirely.

• LiPo cells should not be discharged to below 3.0V each under load. In the case of the 2-Cell/2S 7.4V LiPo battery used to power the plane you will not want to allow the battery to fall below 6.0V during flight.

The included ESC features a ‘soft’ low voltage cutoff (LVC) that smoothly reduces power to the motor (regardless of the power level you have set with the throttle stick) to let you know the voltage of the battery is close to the 6.0V minimum.

However, even before this reduction in power, if you find that more than the typical amount of throttle/power is required to cruise or climb you should land the model and disconnect the battery immediately to prevent over-discharge.

And while it is possible to continue flying the model after the soft LVC occurs, this is NOT recommended. Continued discharging can result in reaching the 5.0V ‘hard’ LVC which may cause permanent damage to the LiPo battery resulting in reduced power and flight duration during subsequent fights (or failure of the battery entirely which is not covered under warranty).

Also, it is not recommended that you fly to the soft LVC every time you fly. Instead you should be aware of the power level of the battery/airplane throughout the flight, and if at any time the airplane begins to require more throttle/power than typical to maintain cruise or climb you should land the airplane and disconnect.