



**SPEED PILOT**

*Aero  
Cruiser*

## **12 VOLT BATTERY CHARGER**

Thank you for purchasing the Aero Cruiser/Speed Pilot 12V Field Charger. Using this charger will give you less down time between flights. Please read all instructions and warnings before using this charger.

### **Charging The NiMh Battery Pack**

❑ 1. Plug the battery charger into a 12 volt socket in a vehicle. The charger is equipped with a 72" charging lead, allowing the battery to be charged outside of the vehicle. **It is recommended that battery charging be conducted outside of the vehicle. Never operate the charger with the vehicle engine running.**



❑ 2. Remove the discharged battery pack from the plane. Plug the battery pack into the charger connector. The battery pack will plug in only one way.



❑ 3. Rotate the timer knob on the charger to 30 minutes. Make sure the red light comes on.



4. **IMPORTANT! NEVER LEAVE A CHARGING BATTERY UNATTENDED.**

5. During charging, feel the battery to see if it is starting to warm up. A warmed up (but not hot) battery pack is a sign that it is fully charged. Once the pack is warm, disconnect it from the charger. Depending on how much charge was already in the pack, you may have to disconnect the battery early.

6. Always disconnect the charger from the 12 volt socket in your vehicle when finished charging.

7. After each flight, remove the battery pack from the airplane and allow it to cool completely before recharging.

### **Safety Precautions for Charging Batteries**

1. Never leave a charging battery unattended.

2 Never let the battery charge until it feels hot. A hot battery is an overcharged battery. Only let the battery get warm to the touch.

3. If your battery is not completely discharged before charging, the charging time may take less than 30 minutes. Again, only let the battery get warm to the touch – not hot.

4. Never operate the charger with the vehicle engine running. Charging the battery while your vehicle's engine is running increases the chance of overcharging the battery.

5. If you ever use a different battery charger, charge this battery pack only at a maximum charge rate of 1/2 amp. A higher charge rate will charge the battery pack too quickly and heat up the wires.

6. A properly cared for battery pack will last a long time. If the battery pack is continually overcharged or charged at too high of a rate, the life of the battery pack will be shortened.

### **CHARGING THE BATTERY – WARNING!**

Be careful to avoid overcharging the battery! When you plug the battery into the charger there is no way to know how much charge is left in the battery (unless you have just completed a flight in which the battery was run all the way down). If you put too much charge into a battery, it will get very hot. This may result in melting the plastic battery cover, damage to vehicle and could even cause the battery to explode.