SERVICE ALERT – BATTERY TENDER® BATTERY CHARGER

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This service alert pertains to the **Battery Tender®** brand of battery chargers, made by Deltran Corporation, and to the **SuperSmart®** brand of battery chargers, also made by Deltran Corporation. The 12 Volt units come in various ratings up to 6 amperes. The 24 volt units come in various ratings up to 3 amperes. These chargers are intended for boost charging and to maintain batteries at a full state of charge.

It has come to Concorde's attention that these chargers are not suitable for use with Concorde's RG® Series aircraft batteries. The output voltage on these chargers is set too high, resulting in an overcharge condition which may shorten the battery service life. Furthermore, these chargers can fail internally such that the output voltage goes beyond a safe limit (i.e., over 34 volts on a 24 volt battery). This condition can damage the battery in a very short time period and, under certain conditions, lead to thermal runaway.

Concorde has reviewed product information on the Battery Tender website (www.batterytender.com) and discovered the following disclaimer:

THIS UNIT IS NOT APPROVED BY THE FAA. DO NOT USE WITH AVIATION OR TRUE GEL BATTERIES. For example, the maximum recommended recharge voltage for GILL AVIATION batteries is in the same range as true Gel batteries, even though some GILL AVIATION batteries are flooded cells.

Although the disclaimer specifically mentions GILL AVIATION batteries, it also applies to CONCORDE AVIATION batteries.

As a result of these findings, Concorde will not warrant batteries that have been charged using these brands of chargers. For a current list of approved battery chargers, contact our customer service department or one of our authorized distributors.

The item or Technical Data contained herein has been reviewed and approved for general release on the basis that it contains no Export-controlled information.