



SERVICE ADVISORY

NO.: 0835

TO: All Flybuddy GPS and Model 2001/2101 GPS Owners
DATE: August 29, 2008
SUBJECT: GPS Week Rollover in Flybuddy GPS and Model 2001/2101 GPS Systems

AFFECTED PRODUCTS

All Model 819 and Model 820 Flybuddy GPS units and all TSO-C115b Model 2001/2101 Systems with GPS sensors are affected.

Model 2001/2101 Systems with TSO-C129 GPS sensors are not affected.

ISSUE

Users of the Garmin AT legacy Model 819, Model 820 Flybuddy GPS, and TSO-C115b Model 2001/2101 Systems with GPS sensors have been experiencing degraded operation since Sunday, August 17, 2008.

DESCRIPTION

The almanac data stored in the receiver has reached the end of the programmed GPS week. This has resulted in an interruption of service or degradation of the operation of these legacy Garmin AT products. The symptoms may include: no fix, a 2-D fix only, brief periods of a 3-D fix, and combinations of these symptoms. In addition, the displayed almanac date will show as January x, 1989 or January x, 2089, where x is the incremented date since the problem first occurred on August 17, 2008. Some units may show the incorrect date but appear to operate normally otherwise.

RESOLUTION

At this time it has been concluded that these units cannot recover normal operation on their own. These products utilize a GPS sensor purchased from a third party supplier. Garmin is in negotiation with this vendor regarding a resolution to restore full functionality, and we hope to have a reasonably priced solution for these units in place as soon as possible. More information on this issue will be posted to the Garmin website in 10 to 15 business days.

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