



SERVICE ADVISORY

NO.: 1047 Rev A

TO: SBAS (WAAS) Enabled Garmin Integrated Flight Deck Systems, GNS 400W/500W-series, and SBAS (WAAS) Enabled GNS 480/CNX80 Owners/Operators and Garmin Aviation Service Centers

DATE: November 22, 2010

SUBJECT: LNAV/VNAV and LNAV+V Full Scale Deflection

AFFECTED PRODUCTS

All SBAS (WAAS) enabled Garmin Integrated Flight Decks (G1000/Cirrus Perspective/ Embraer Prodigy/G900X/G950), GNS 400W/500W-series, and SBAS (WAAS) enabled GNS 480/CNX80 units are affected.

DESCRIPTION

CDI (Course Deviation Indicator)/HSI (Horizontal Situation Indicator) scaling on a limited number of LNAV/VNAV, and LNAV+V approaches is incorrect. LPV approaches and LNAV approaches without advisory (+V) vertical guidance are not affected.

For this to occur, all of the following conditions must be met:

- Vector-to-Final has not been selected
- The approach is labeled “L/VNAV” or “LNAV+V” by the system
- The distance between the FAF (Final Approach Fix) and the MAP (Missed Approach Point) is greater than seven nautical miles

A list of affected LNAV/VNAV approaches can be found here:

http://www8.garmin.com/aviation/notices/garmin_data_exclusions.pdf

RESOLUTION

Beginning with the database cycles listed below, Garmin has removed the capability of selecting the affected approaches until this issue is addressed in a future software release.

- Database cycle 1013, effective December 16, 2010 (Garmin Integrated Flight Deck Systems and GNS 400W/500W-series units)
- Database cycle 1103, effective March 10, 2011 (GNS 480/CNX80 units)

Affected LNAV/VNAV and LNAV+V approaches will be available as LNAV-only approaches.

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