
Service Newsletter

August 25, 2008

SNL08-19

TITLE

GARMIN G1000 SERIES FLIGHT PLAN SEQUENCING ISSUE

TO

Cessna Distributors, Service Stations, CPC's and affected Owners of Record

MODELS AFFECTED

The following airplanes equipped with the Garmin G1000 Avionics System:

172R, 172S, 182T, T182T, 206H, T206H, 350, 400, 208 and 208B.

DISCUSSION

The purpose of this Service Newsletter is to transmit the attached Garmin Service Alert No. 0811: G1000/G900X/GNS 400W Series/GNS 500W Series Flight Plan Sequencing Issue.

Garmin has identified an issue where the G1000 Series units may suspend automatic flight plan leg sequencing if all of the following conditions are met:

- A VOR, VOR overlay, NDB, NDB overlay, ILS or TACAN approach with a procedure turn is loaded and active.
- Location of aircraft is outbound past the point where the procedure turn starts.
- The pilot manually reactivates the procedure turn leg.

Detailed information about the issue and action to be taken are provided in Garmin Service Alert No. 0811 (or latest revision).

A software update for resolving this issue is anticipated to be transmitted via a Cessna Service Bulletin by the second quarter of 2009.

OWNER NOTIFICATION

On August 25, 2008 a copy of this Service Newsletter will be sent to applicable Owners of Record.



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SERVICE ALERT

NO.: 0811

TO: All Garmin Aviation Service Centers
DATE: 18 April 2008
SUBJECT: G1000/G900X/GNS 400W Series/GNS 500W Series Flight Plan Sequencing Issue

AFFECTED PRODUCTS

All G1000/G900X WAAS and non-WAAS equipped aircraft with GDU software versions 7.00 to 9.01 and all GNS 400W/500W series units with main software versions prior to 3.20 are affected.

IMMEDIATE ACTION REQUIRED

Do not manually activate a procedure turn leg in a flight plan (labeled "PROC. TURN" or "proc. turn" on the flight plan page).

NOTE

Typical operation of these systems does not require manually activating a procedure turn leg.

DESCRIPTION

Garmin has identified an issue where the G1000/G900X/GNS 400W Series/GNS 500W Series units may suspend automatic flight plan leg sequencing if all of the following conditions are met:

- A VOR, VOR overlay, NDB, NDB overlay, ILS or TACAN approach with a procedure turn is loaded and active.
- Location of aircraft is outbound past the point where the procedure turn starts.
- The pilot manually reactivates the procedure turn leg.

If the autopilot/flight director is coupled to the GPS it will stop flying the procedure turn and maneuver the aircraft to fly the outbound course going away from the FAF.

If the procedure is hand flown the system will activate the inbound course, however auto flight plan leg sequencing does not auto-sequence past the FAF.

RESOLUTION

Garmin will correct this issue in G1000/G900X GDU software version 9.02 and GNS 400W/500W series main software version 3.20.

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