

SERVICE INFORMATION NO. SI 40-144

NOTE: SI's are used only:
1) To distribute information from DAI to our customers.
2) To distribute applicable information/documents from our suppliers to our customers with additional information.
Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

All DA 40 aircraft equipped with GARMIN G1000 System, see also section 2.1.

All DA 40 F aircraft equipped with GARMIN G1000 System, see also section 2.1.

1.2 Subject:

GARMIN Service Advisory No. 1372 Rev. A

ATA-Code: 34-00

1.3 Reason:

GARMIN has issued Service Advisory No. 1372 Rev. A describing that a limited number of RNAV (GPS) approaches, including all service levels, are unavailable for selection when the approach includes LP minima and also has no published vertical descent angle.

1.4 Information:

For detailed technical information refer to GARMIN Service Advisory No. 1372 Rev. A.

II. OTHERS

2.1 STC Information:

The GARMIN G1000 system and its associated systems, components and software are installed in the DA 40 and DA 40 F airplanes under one of the following known GARMIN STC:

- FAA STC No:
 - SA01254WI-D (G1000 System)
 - SA01444WI-D (G1000 System and GFC 700 A/P System with optional WAAS installation)
- EASA STC No.:
 - 10015372 (G1000 System)

Additionally to the above mentioned STCs further GARMIN STCs may be approved.

The applicability of the attached GARMIN publication must be checked. For this purpose refer to the related airplane documentation, contact your responsible GARMIN Service Centre or your local authority.

2.2 Miscellaneous:

GARMIN Service Advisory No. 1372 Rev. A is attached to this Service Information.

In case of doubt contact GARMIN.

SERVICE ADVISORY
NO.: 1372 Rev A

TO: Owners/Operators of all G1000, G2000, G3000, G5000, Cirrus Perspective, Embraer Prodigy, G950, G900X, GNS 400W/500W Series, GTN 650, and GTN 750
DATE: December 16, 2013
SUBJECT: Unavailable RNAV (GPS) approaches due to lack of VDA

AFFECTED PRODUCTS

G1000, Cirrus Perspective, Embraer Prodigy, G950, and G900X systems with GDU version 13.0x or earlier, G2000, G3000, and G5000 with GDU version 4.0x or earlier, GNS 400W/500W Series with main version 5.0x or earlier, and GTN 6xx/7xx Series with main version 5.0x or earlier are affected.

ISSUE

A limited number of RNAV (GPS) approaches, including all service levels, are unavailable for selection when the approach includes LP minima and also has no published vertical descent angle (VDA). See the example in Figure 1.

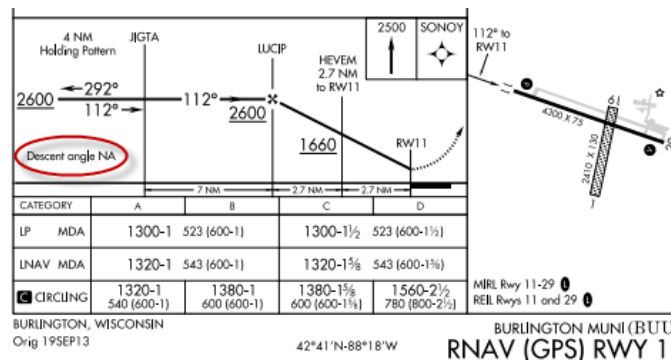


Figure 1: No Published Vertical Descent Angle (VDA) Example

PILOT ACTION

Pilots must be aware that affected RNAV (GPS) approaches are not available in the list of selectable approaches on the affected navigation systems. The pilot should always accomplish the following actions as part of flight planning activities prior to any IFR flight:

- Use the procedures page/pane on the navigation system to verify availability of procedures for destination airports in your flight plan and/or along your intended route of flight
- Check the Excluded Database Items list on <http://fly.garmin.com> for excluded procedures that may affect your flight

RESOLUTION

This issue will be resolved in future software releases.