

SERVICE INFORMATION NO. SI 40-150

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 Alert No. 1538 Rev. A

ATA-Code: 34-00

1.3 Reason:

GARMIN has issued Service Alert No. 1538 Rev. A describing that the system functions will not operate properly under QFE altimeter setting.

1.4 Information:

For detailed technical information refer to GARMIN Service Alert No. 1538 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 Alert No. 1538 Rev. A is attached to this Service Information.

In case of doubt contact GARMIN Ltd.



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SERVICE ALERT

NO.: 1538 Rev A

TO: Owners and Operators of Garmin G900X, G950, G1000(H), G2000, G3000, G5000, Cirrus Perspective™, Embraer Prodigy™, and Embraer Prodigy Touch Integrated Avionics Systems

DATE: July 23, 2015

SUBJECT: Operations with Altimeter Set to QFE (height above field elevation)

PRODUCTS AFFECTED

Garmin G900X, G950, G1000(H), G2000, G3000, G5000, Cirrus Perspective™, Embraer Prodigy™, and Embraer Prodigy Touch Integrated Avionics Systems are affected.

NOTE

Most locations utilize the QNH altitude that provides altitude above mean sea level. However QFE altitude may be used in some locations (e.g. Russian Federation and the People's Republic of China). In many locations that normally utilize QFE, the flight crew may request the QNH altimeter setting.

ISSUE

System functions will not operate properly with a QFE altimeter setting.

PILOT ACTION

Do not use a QFE altimeter setting with this system. Use only a QNH altimeter setting for height above mean sea level, or the standard pressure setting, as applicable.

RESOLUTION

Support for QFE altimeter settings will be added in a future software release.

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