

SERVICE INFORMATION NO. SI F4-003

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 F aircraft equipped with GARMIN G1000 System, see also Section 2.1.

1.2 Subject:

GARMIN Service Advisory No. 0916 Revision A
ATA-Code: 28-00

1.3 Reason:

GARMIN has identified an issue whereby the Left Fuel Low Alert does not display when low fuel condition exists.

1.4 Information:

For detailed technical information refer to the GARMIN Service Advisory No. 0916 Revision A which.

II. OTHERS

2.1 STC Information:

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

- FAA STC No.:
 - SA01254WI (G1000 System)

- EASA STC No.:
 - EASA.IM.A.S.01023 (G1000 System)

Additionally to the above mentioned STC's further GARMIN STC's 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:

The GARMIN Service Advisory No. 0916 Revision A is attached to this SI.

In case of doubt contact GARMIN.



SERVICE ADVISORY

NO.: 0916 Revision A

TO: Owner/Operators of Garmin G1000 Integrated Flight Deck Systems installed in Diamond DA40 F Aircraft

DATE: 06 May 2009

SUBJECT: Left Fuel Low alert does not display when low fuel condition exists

AFFECTED PRODUCTS

All Garmin G1000 Integrated Flight Deck Systems with System Software versions 0369.13, 0321.17, 0321.18, and 0321.19 installed in Diamond DA40 F Aircraft.

DESCRIPTION

The Left Fuel Low alert (Figure 1) is not displayed in the Annunciation Window on the PFD when a low fuel condition exists (also there is no corresponding alert tone). All other fuel indications and alerts function correctly.



Figure 1. Left Fuel Low Alert

PILOT ACTION

The Left Fuel Quantity Indicator operates correctly and should be monitored for left fuel tank quantity.

RESOLUTION

Garmin plans to address this issue in a future software release that will be announced and made available by Service Bulletin.

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