

SERVICE INFORMATION NO. SI 40-153

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 with system version 0321.23 or earlier version and 0369.13 or earlier version, see also section 2.1.

1.2 Subject:

GARMIN STC Service Bulletin No. 1534 Rev. A

ATA-Code: 77-00

1.3 Reason:

GARMIN has issued STC Service Bulletin No. 1534 Rev. A providing installation instructions for a G1000 configuration update that prevents the loss of Engine Indication System.

1.4 Information:

For detailed technical information refer to GARMIN STC Service Bulletin No. 1534 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 STC Service Bulletin No. 1534 Rev. A is attached to this Service Information.

In case of doubt contact GARMIN Ltd.



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STC SERVICE BULLETIN

NO.: 1534 Rev A

TO: All Garmin Aviation Service Centers
DATE: May 5, 2015
SUBJECT: Loss of Engine Indication System (EIS), Diamond DA 40 and DA 40F

CERTIFICATION

AUTHORIZATION: FAA Approved STC Service Bulletin (see Approval section for details)

PRODUCTS AFFECTED

G1000-equipped Diamond DA40 and DA40F aircraft equipped with the following system software versions are affected:

- 0321.23 or earlier versions
- 0369.13 or earlier versions

PURPOSE

Loss of EIS may occur during extended (> 5 seconds) engine shutdowns during flight. This issue is described in Garmin Service Advisory 1516.

DESCRIPTION

This bulletin provides instructions for installing a G1000 configuration update that prevents the loss of EIS (described in Garmin Service Advisory 1516).

COMPLIANCE

Recommended: Garmin recommends the incorporation of this Service Bulletin at the next scheduled service interval.

APPROVAL

This STC Service Bulletin is FAA-approved by STC SA01444WI-D, Master Drawing List (Garmin P/N 005-00400-01 Rev 11 or later FAA-approved revision).

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DOCUMENTATION CONSIDERATIONS

G1000 System Maintenance Manual (Garmin P/N 190-00545-01)

REFERENCES

Configuration Update, EIS (Garmin P/N 005-00400-80)
Service Advisory No.: 1516; Loss of Engine Indication System (EIS)
Garmin STC SA01254WI-D (G1000)
Garmin STC SA01444WI-D (G1000 upgrades)
Field Upgrade Instructions (Garmin P/N 190-00544-03)

Referenced documents are available from: www.garmin.com, within the Dealer Resource Center.

MANPOWER

One (1) hour labor to comply with this STC Service Bulletin if STC SA01444WI-D is already installed in the aircraft.

WARRANTY INFORMATION

This modification is not warranty reimbursable.

MODIFICATION INSTRUCTIONS

1. For WAAS configurations, incorporate Garmin STC SA01444WI-D and install the system software version 0321.23 per the Field Upgrade Instructions (Garmin P/N 190-00544-03 revision 10 or later) if not previously accomplished.
2. For non-WAAS configurations, incorporate Garmin STC SA01444WI-D and install the system software version 0321.22 per the Field Upgrade Instructions (Garmin P/N 190-00544-03 revision 9) if not previously accomplished.
3. Perform the G1000 configuration update per the Configuration Update, EIS, (Garmin P/N 005-00400-80 revision 1 or later).

RETURN TO SERVICE TEST PROCEDURE

1. While in Configuration Mode, go to the Manifest Configuration page on the PFD.
2. Verify "P/N 006-B1669-08 version 1.00" is shown in the manifest.

MATERIAL INFORMATION

One of the following items is required to complete this bulletin.

Garmin Part Number	Document Title
006-B1669-08*	DA 40, EIS Config Update, v1.00
010-12074-07**	SD Card, G1000, DA 40, EIS Config Update

*Available on the DRC.

**Available for purchase from Garmin.

OTHER CONSIDERATIONS

Note that the Configuration Update, EIS must be repeated each time the system software is reloaded. This information has been added to the DA40/DA40F G1000 System Maintenance Manual (Garmin P/N 190-00545-01).