

SERVICE INFORMATION NO. SI-42NG-021

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 42 NG and DA 42 M-NG

1.2 Subject:

GARMIN Service Advisory No. 1051 Rev A
ATA-Code: 34-00

1.3 Reason:

GARMIN has issued GARMIN Service Advisory No. 1051 Revision A regarding the update of the IGRF (International Geometric Reference Frame) Magnetic Field Model from base year 2005 to 2010.

1.4 Information:

For detailed technical information refer to GARMIN Service Advisory No. 1051 Rev A, which is applicable without any further additions or restrictions.

II. OTHERS

GARMIN Service Advisory No. 1051 Rev A is attached to this Service Information.

In case of doubt contact GARMIN.



SERVICE ADVISORY

NO.: 1051 Rev A

TO: Owners and Operators of Garmin Integrated Flight Decks and G500/G600 systems

DATE: December 17, 2010

SUBJECT: 2010 IGRF (International Geomagnetic Reference Field) Magnetic Field Model

AFFECTED PRODUCTS

All Garmin Integrated Flight Decks (G1000/Cirrus Perspective/Embraer Prodigy/G900X/G950) with GDU software versions 6.00 and higher and all G500/G600 systems are affected.

NOTE

The Garmin Integrated Flight Deck GDU software version can be found on the AUX-Systems Status Page.

DESCRIPTION

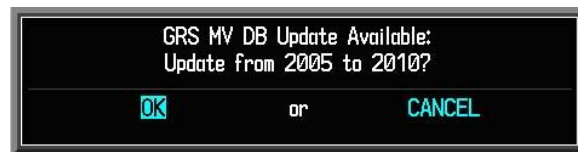
The 2010 IGRF Magnetic Field Model is now available to update as part of navigation database cycle 1013 (and subsequent database cycles).

RESOLUTION

CAUTION

Make sure electrical power to the system is not interrupted during the update process. If electrical power is interrupted during the update process, the system may require maintenance.

1. Update the navigation database as described in the applicable pilot's guide.
2. At the following prompt, select "OK" to update the IGRF Magnetic Field Model.



NOTE

For systems with multiple GRS units installed, a similar message will appear for each GRS.

An update will be made available at a later date for Garmin Integrated Flight Decks with GDU software versions less than 6.00.

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