

SERVICE INFORMATION NO. SI 40-080

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 send along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

All DA 40 & DA 40 F aircraft with Terrain/Terrain-SVS-equipped GARMIN G1000/G950/G900X/GNS 400W/GNS 500W Series units, and equipped with GPSMAP 296/396/495/496 units.

1.4 Information:

GARMIN has identified an issue concerning the Terrain Database, whereby Forward Looking Terrain Avoidance (FLTA) alerts are not available when flying over the open ocean/sea (specifically any body of water at sea level).

For further information refer to GARMIN Service Alert No. 0817.

II. OTHERS

The GARMIN Service Alert 0817 is attached to this SI.

In case of doubt contact GARMIN.



SERVICE ADVISORY

NO.: 0817

TO: All Garmin Aviation Service Centers
DATE: 9 May 2008
SUBJECT: TERRAIN/TERRAIN-SVS (Non-TAWS) Forward Looking Terrain
Avoidance (FLTA) Alert Over the Open Ocean/Sea

AFFECTED PRODUCTS

All TERRAIN/TERRAIN-SVS-equipped G1000/G950/G900X, GNS 400W/GNS 500W Series, and GPSMAP 296/396/495/496 units are affected.

NOTE

Non-WAAS equipped GNS 400/GNS 500 Series units are not affected.

DESCRIPTION

Garmin has identified an issue concerning the Terrain Database, whereby Forward Looking Terrain Avoidance (FLTA) alerts are not available when flying over the open ocean/sea (specifically any body of water at sea level). The TERRAIN/TERRAIN-SVS feature functions properly in all other locations.

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RESOLUTION

For TERRAIN/TERRAIN-SVS-equipped G1000/G950/G900X and GNS 400W/GNS 500W Series units:

Terrain Database 08T2 will soon be made available on the Garmin website (<http://shop.garmin.com/aviation/databases/>). The 08T2 Terrain Database download will be free of charge until 12/31/08 for G1000/G950/G900X and GNS 400W/GNS 500W Series units only.

For GPSMAP 296/396/495/496 units:

NOTE

For GPSMAP products a system software update, not a Terrain database update, is required to address this issue.

The software versions listed below will be made available on the Garmin website (www.garmin.com), free of charge.

GPSMAP 296	System Software Version 5.40
GPSMAP 396	System Software Version 4.50
GPSMAP 495	System Software Version 2.10
GPSMAP 496	System Software Version 3.60

Until the database/software update is installed, operators should be aware that FLTA alerts are not available when flying over the open ocean/sea (specifically any body of water at sea level).