



## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** Registered Garmin Owner/Operators

**DATE:** April 6, 2011

**SUBJECT:** This communication is intended to inform Garmin aviation customers of forthcoming service document Software Service Bulletin 1109: G500H System's Software Upgrade for GDU 620 Software Version 5.00 and GRS 77 Software Version 3.51.

### COMPLIANCE

**Mandatory:** For G500H installations that require connection to a GTS traffic system only. Refer to Service Bulletin 1049 for more information regarding this issue. **Recommended:** for all other installations.

### PURPOSE

This Service Bulletin announces the availability of LRU GDU 620 Software Version 5.00 and GRS 77 Software Version 3.51 for G500H. This software service bulletin describes the process for upgrading LRU software for:

System	Product Model	Software P/N	New Software Version
G500	GDU 620 Display	006-B1071-30	5.00
G500	GRS 77H AHRS	006-B0223-H1	3.51

### PRODUCTS AFFECTED

System	Product Model	Hardware P/N	Software Version
G500H	GDU 620 Display	011-01264-5( )	4.01 or earlier
G500H	GDU 620 Display	011-01264-6( )	4.01 or earlier
G500H	GRS 77H AHRS	011-00868-20	3.50 or earlier

### DESCRIPTION

The **GDU 620 Software Version 5.00** contains the following changes from version 4.01:

- Added support for the display of maximum airspeed indications that vary with altitude
- Added support for Radar Altimeter (requires enablement card)
- Added support for ARINC 708 WX RADAR (requires enablement card)
- Added ability to display World Wide Weather (part of Garmin Flight Data Services) w/GSR 56
- Allow the configuration of discrete and ARINC 429 outputs
- New alert message when traffic system is in standby mode while in-flight
- Added support to display Airport Directory
- Changed default values for KI 525 course error outputs
- Added GTS 800 support for traffic data configuration; the HSDB connection can now be utilized (TAS via ARINC 429) (Reference Service Bulletin 1049 )
- Added a new configuration setting for Avidyne/Ryan TAS Systems
- Added ability to set minimum altitude from Charts page

The **GRS 77 Software Version 3.51** contains the following changes from 3.50:

- Expanded limits for the magnetometer interference tests
- Improved performance during takeoff

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