



## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** Registered Garmin GTN Owner/Operators

**DATE:** March 20, 2013

**SUBJECT:** This communication is intended to inform Garmin aviation customers of forthcoming service document Service Bulletin 1314: GTN 6XX/7XX Software Upgrade Software Version 4.00, COM Software Version 2.11, and GMA 35 Software Version 3.05

### **COMPLIANCE**

Optional

### **PURPOSE**

This Service Bulletin announces the availability of GTN 6XX/7XX Main Software Version 4.00 and COM Software Version 2.11, and GMA 35 Software Version 3.05.

GTN 6XX/7XX Main Software Version 4.00 adds a number of new capabilities and features to support Helicopters. It contains the following changes:

- Added helicopter configuration settings
- Added helicopter features including:
  - Helicopter Terrain Awareness and Warning System (HTAWS)
  - Pilot selectable capability for Reduced Protection Mode operation for HTAWS
  - Navigation down to 10 knots
  - Mark-on-Target
  - Remote Go Around activation
  - Display of heliports on maps
- Added support for ARINC 429 Radar Altimeter input
- Added enhanced lighting curves for backlight and keypad lighting
- Added enhanced Map Range Ring markings
- Added support for metric fuel units
- Increased allowable manual input of fuel flow and quantity
- GTN 7XX only; added pilot-on-the-right configuration to audio panel control layout and 3D audio

COM Software Version 2.11 contains the following change from Version 2.10:

- Added changes to support future removal of limitation that precludes 16W installations in 14 volt aircraft.

GMA 35 Software Version 3.05 contains the following changes from Version 2.20:

- Improved compatibility with KFC/KAP autopilot systems (Installation Bulletin 1213)
- Adjusted relative volume during 3D Audio mode

**PRODUCTS AFFECTED**

The following units are affected:

Model	Garmin PN	Main SW PN/ Main SW Version	COM SW PN/ COM SW Version
GTN 625	011-02254-00	006-B1026-20/ 4.00	N/A
GTN 635	011-02255-00	006-B1026-20/ 4.00	006-B1061-04/ 2.11
GTN 650	011-02256-( )	006-B1026-20/ 4.00	006-B1061-04/ 2.11
GTN 725	011-02281-00	006-B1026-20/ 4.00	N/A
GTN 750	011-02282-( )	006-B1026-20/ 4.00	006-B1061-04/ 2.11

The following software versions in the GMA 35 unit (Garmin PN 011-02299-00) are affected:

Software Description	SW PN	SW Version
Audio Software	006-B0773-05	3.05
ARC DB	006-D3035-34	3.05
Auxiliary Software	006-B0772-04	2.21
Audio Data	006-D3034-16	2.15

**DESCRIPTION**

This software service bulletin describes the process for upgrading the GTN 6XX/7XX Series Unit's Main Software to version 4.00 and the other software versions listed above in the Purpose Section of this bulletin.

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