



AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Registered Garmin GTN Owner/Operators
DATE: April 24, 2013

SUBJECT: This communication is intended to inform Garmin aviation customers of forthcoming service document Software Service Bulletin 1321 GTN 6XX/7XX Software Upgrade to Software Version 4.10, COM Software Version 2.11, and GMA 35 Software Version 3.05

CERTIFICATION

APPROVAL: TSO Authorization

COMPLIANCE

Optional

PURPOSE

This Service Bulletin announces the availability of GTN 6XX/7XX Main Software Version 4.10. It also re-iterates the availability of GTN 6XX/7XX COM Software Version 2.11 and GMA 35 Software Version 3.05.

GTN 6XX/7XX Main Software Version 4.10 includes the capabilities and features that were incorporated into Software Version 4.00 and a number of new features and capabilities:

- Added in GTN 6XX/7XX Main Software Version 4.00 (see SSB 1314 for more details):
 - Features and configurations to support Helicopters
 - Added support for 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
- Added in GTN 6XX/7XX Main Software Version 4.10:
 - Added support for UTM/MGRS coordinate position format
 - Added ability to use sensor data for the DALT/TAS/Winds, Trip Planning, and Fuel Planning utilities pages
 - Added support to upload GWX 70 software from the GTN

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 (Service Advisory 1211, Installation Bulletin 1213)
- Adjusted relative volume during 3D Audio mode

PRODUCTS AFFECTED

The following GTN units are affected:

	GTN 625	GTN 635	GTN 650	GTN 725	GTN 750
Garmin PN	011-02254-00	011-02255-00	011-02256-()	011-02281-00	011-02282-()
Main SW PN/ Main SW Version	006-B1026-21/ 4.10	006-B1026-21/ 4.10	006-B1026-21/ 4.10	006-B1026-21/ 4.10	006-B1026-21/ 4.10
COM SW PN/ COM SW Version	N/A	006-B1061-04/ 2.11	006-B1061-04/ 2.11	N/A	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

Note: GTN COM Software Version 2.11 and the GMA 35 Software Versions identified above were originally announced in Software Service Bulletin 1314 for GTN Software Version 4.00.

DESCRIPTION

This software service bulletin describes the process for upgrading the GTN 6XX/7XX Series Unit's Main Software to Version 4.10 and other software versions listed above in the Purpose Section of this bulletin.

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