GARMIN.

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AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Owners of Record for the GTR 225/GNC 255
DATE: May 15, 2015

SUBJECT: GTR 225/GNC 255 Software Upgrade to Display Software Version 2.11 and COM Software Version 2.20

CERTIFICATION APPROVAL: TSO Authorization (see Approval section for details)

REV B: Changed Display SW from v2.10 to v2.11

COMPLIANCE
Optional

PURPOSE
This Service Bulletin announces the availability of GTR 225/GNC 255 Display Software Version 2.11, USB Software Version 2.02, COM Software Version 2.20, and COM FPGA Version 2.4.

Display Software Version 2.11/USB Software Version 2.02 contain the following changes from Display Software Version 2.02/USB Software Version 2.01:
- Added "Internal" COM sidetone configuration to improve the audio quality of the COM sidetone
- Added configuration to allow the COM sidetone volume to change when the COM receiver volume is adjusted
- Added automatic intercom squelch level adjustment setting (Intercom Auto VOX) to improve the performance of the intercom
- Added setting to mute the auxiliary input during COM RX
- Added setting to mute the intercom during COM RX
- Added Advanced COM RX Squelch configuration to allow the COM radio sensitivity settings to be adjusted independently for low, mid, and high frequencies in both 8.33 kHz and 25 kHz channel spacing modes
- Changed display of station identifiers for active and standby COM and NAV frequencies when connected to a GPS position source to match other Garmin products

Display Software Version 2.11 contains the following changes from Display Software Version 2.10:
- The COM sidetone volume will be at the installer-configured level after power cycling the unit rather than being at a default level

COM Software Version 2.20/FPGA Version 2.4 contain the following changes from COM Software Version 2.13/FPGA Version 2.3:
- Improved the performance of the intercom Manual VOX mode
- Improved the intercom audio quality
- Reduced noise burst ("Squelch Tail") that occurs at the end of a reception
- Reduced random squelch breaks (popping)

PRODUCTS AFFECTED

The following units are affected:

Model	Appliance P/N
GTR 225	011-02718-00
GTR 225A	011-02807-00
GTR 225B	011-02808-( )
GNC 255A	011-02806-00
GNC 255B	011-02719-( )

DESCRIPTION

This software service bulletin describes the process for upgrading the GTR 225/GNC 255 Series Unit's Display Software to Version 2.11 and other software versions listed above in the Purpose Section of this bulletin.

Please contact your local Garmin Avionics Dealer (http://www.garmin.com/dealers/) for additional information or for questions regarding this notification. This service notification and associated bulletin/advisory product changes can only be implemented through Garmin's authorized dealer and service center network. This document is not a substitute for and cannot be used in lieu of the document(s) referenced above for airworthiness approval.