



AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Registered Garmin GDL 84/88 Owner/Operators
DATE: May 11, 2016
SUBJECT: GDL 84/88 Software Upgrade to System Software Version 3.33

CERTIFICATION

APPROVAL: TSO Authorization

COMPLIANCE

Optional.

PURPOSE

GDL 84/88 System Software Version 3.33 contains the following changes from Version 3.32:

- Added a new interface for third party avionics display integration
- Improved handling of heading data, track data, and target depiction for G1000 installations that use the *ADS-B In Legacy Traffic w/Alt* interface

NOTE

This change makes sure ADS-B traffic on G1000 displays is depicted at the correct bearing, orientation, and distance.

- Improved ADS-B In traffic prioritization to prioritize in-air targets when not in SURF mode
- Improved ADS-B In own-ship “shadow” detection of TIS-B targets to reduce occurrences of traffic alerts caused by ownship
- Corrected transmitted ADS-B Out NIC_{baro} value for installations with a GX000 or GDU 620 and GTN

PRODUCTS AFFECTED

All GDL 84/88 units listed in the table below (interfaced to a GTN 6XX/7XX, GNS 4XXW/5XXW, GNS 480, GMX 200/MX20, G500, G600, or other 3rd party flight display system) are affected.

GDL 88 units listed below interfaced to a G1000 with GDU software versions 14.XX and earlier are also affected.

Model	Appliance P/N
GDL 88	011-02369-00
GDL 88 w/WAAS	011-02370-00
GDL 88D	011-02371-00
GDL 88D w/WAAS	011-02372-00
GDL 88H	011-02369-10
GDL 88H w/WAAS	011-02370-10
GDL 88DH	011-02371-10
GDL 88DH w/WAAS	011-02372-10
GDL 84	011-03727-00
GDL 84H	011-03728-00

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