



## AVIATION SERVICE DOCUMENT NOTIFICATION

**TO:** Owners of Record for the GNS 400W/500W Series  
**DATE:** November 24, 2014  
**SUBJECT:** GNS 400W/500W Series Software Upgrade to Main Software Version 5.20

### **CERTIFICATION**

**APPROVAL:** TSO Authorization (see Approval section of SB1461 for details)

### **COMPLIANCE**

Optional.

### **PURPOSE**

GNS 400W/500W Series main software version 5.20 includes the following changes:

- Added support for Garmin Flight Stream 210, providing data including flight plan (input/output) and GPS position to mobile devices over Bluetooth.
- Added support for the Vivisun tri-state HTAWS external annunciator to differentiate between the "HTAWS N/A" and "Pilot Inhibit" annunciations.
- Adjusted the width of the HTAWS Reduced Protection mode search volume to reduce nuisance alerts.
- Changed the behavior of the GDL 88 Traffic page on helicopter configurations so that the display becomes unavailable—ADS traffic targets are not displayed—when heading is invalid and ground speed is below 15 knots
- Resolved an issue affecting the Fuel On Board setting for configurations where fuel flow is provided by an external device but Fuel On Board is not.

### **PRODUCTS AFFECTED**

The following GNS 400W and GNS 500W series units are affected:

Model	Appliance P/N
GPS 400W	011-01057-( )
GNC 420W	011-01058-( )
GNC 420AW	011-01059-( )
GNS 430W	011-01060-( )
GNS 430AW	011-01061-( )
GPS 500W	011-01062-( )
GPS 500W TAWS	011-01063-( )
GNS 530W	011-01064-( )
GNS 530W TAWS	011-01065-( )
GNS 530AW	011-01066-( )
GNS 530AW TAWS	011-01067-( )

### **DESCRIPTION**

This service bulletin describes the process for upgrading GNS 400W/500W Series units to main software version 5.20. Aviation manuals are available for free download from: <https://fly.garmin.com/fly-garmin/support/>.

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