



SERVICE ALERT

G1000/G900X INTEGRATED AVIONICS SYSTEMS INTERFACED TO NON-GARMIN ANALOG AUTOPILOTS

Service Alert: 080128-00

ISSUE

Garmin has identified an issue where a G1000/G900X interfaced to a non-Garmin analog autopilot can incorrectly NAV-couple and/or remain NAV-coupled to a VOR signal that is flagged. This condition is limited to VOR tracking.

GPS and LOC operation is not affected.

RESOLUTION

Monitor the VOR validity on the HSI while the non-Garmin analog autopilot is in NAV mode and coupled to a VOR. If the VOR becomes flagged, manually cancel autopilot NAV mode coupling.

GIA Main software version 5.51 or later will address this issue.

AFFECTED PRODUCTS:

Your G1000/G900X IS affected if all of the following statements are true:

- **Your G1000/G900X is interfaced to a non-Garmin analog autopilot**
- **Your GDU software version is between 7.00 and 8.20, inclusively**
- **You have GIA main software version 5.50 or earlier**

Your G1000/G900X is NOT affected if any of the following statements are true:

- **Your G1000/G900X is interfaced to a GFC 700 autopilot**
- **You have GIA main software version 5.51 or later**

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GDU and GIA software versions can be viewed on the AUX-System Status page in Normal mode on the MFD (see example). Refer to the applicable airframe specific G1000 Pilot's Guide for instructions on how to select the AUX-System Status page.

GDU Software Version

LRU INFO	STATUS	SERIAL NUMBER	VERSION
GRS1	✓	47402514	2.11
GS1	✓		3.00
GS2	✓		3.00
GSA PTCH CTL	✗		
GSA PTCH MON	✗		
GSA PTCH TRM C	✗		
GSA PTCH TRM M	✗		
GSA ROLL CTL	✗		
GSA ROLL MON	✗		
GSA YAW CTL	✗		
GSA YAW MON	✗		
GTX1	✓		4.06
MFD1	✓	86501406	8.10
NAV1	✓		4.00
NAV2	✓		4.00
FD1	✓	88900162	8.10

GIA Software Version

LRU INFO	STATUS	SERIAL NUMBER	VERSION
COM1	✓		7.00
COM2	✓		7.00
GDC1	✓	47800313	3.01
GDL69	✓	47750392	3.20.00
GEA1	✓	46700004	2.07
GIA1	✓	46901811	5.42
GIA2	✓	46902495	5.42
GMA1	✓		3.03
GMU1	✓	47507160	2.01
GPS1	✓		3.03
GPS2	✓		3.03
GRS1	✓	47402514	2.11
GS1	✓		3.00
GS2	✓		3.00
GSA PTCH CTL	✓	66401148	2.13
GSA PTCH MON	✓	66401148	2.13

Example AUX-SYSTEM STATUS Page