

SERVICE ADVISORY

NO.: 2147 Rev B

TO: G1000 Integrated Flight Decks Owners and Operators
DATE: November 17, 2022
SUBJECT: Occasional blanking of the map when receiving FIS-B NEXRAD data
REVISION B: Added Resolution

PRODUCTS AFFECTED

The following G1000 systems are affected:

- G1000 systems with GDU 12.00-15.xx software interfaced to a GTX 345(R)/GDL 90 FIS-B data
- G1000 systems with GDU 12.00-14.xx software interfaced to a GDL 88 FIS-B data

ISSUE

In some cases, when the system is receiving large amounts of FIS-B NEXRAD data, the display map will blank/flash. Some CAS messages also flash, annunciating a momentary loss of input from other units and systems.

NOTE

This occurs regardless of whether FIS-B NEXRAD data is being displayed on the map or not.

This issue is more likely to occur in Alaska, since the amount of data received has increased due to the increase in “look ahead” range in Alaska. This issue will happen every time an update to the NEXRAD data is received which is approximately every 2 minutes.

ACTION

Disable FIS-B data when operating in regions where the system regularly receives large amounts of FIS-B NEXRAD data.

RESOLUTION

This has been fixed in GTX 3X5(R) Main Software Version 2.80 and ADS-B Software Version 3.40. Refer to Garmin STC Service Bulletin 22104.