IMPORTANT SERVICE NOTICE

NUMBER: SN-007 (GARMIN Service Advisory No. 0914 Revision A Attached)
DATE: 04/23/2012
REVISION: 01

SUBJECT: Possible temporary loss of heading/attitude information in Garmin Integrated Flight Deck and G600 Systems following extended power-on stall maneuvers **(Supersedes SL-005)**

SUMMARY

QUEST AIRCRAFT RECOMMENDS THAT EACH OPERATOR EXAMINE THIS SERVICE NOTICE IMMEDIATELY.

CONCURRENT REQUIREMENTS
None

BACKGROUND
Temporary loss of heading information (red-X'ed heading) can be caused by sustained (greater than 7 seconds) in-flight operation with true airspeed less than 40 knots and GPS ground speed less than 30 knots. Additionally, it is also possible that the preceding condition can cause the GRS 77 AHRS to reset, particularly if the low speed condition persists for greater than 10 seconds. In such cases, heading and attitude will not be displayed on the PFD (red-X'ed) while the GRS 77 AHRS resets and realigns (typically less than one minute).

ACTION
Please read the attached Service Advisory from GARMIN for information.

EFFECTIVITY
All KODIAK 100 Series Aircraft operating GRS 77 software version 2.12 and previous.

SUPERSEDES
This Service Notice supersedes Service Letter-005, released 1/28/09.

COMPLIANCE

Adhere to the directions specified in the attached GARMIN Service Advisory.

INDUSTRY SUPPORT INFORMATION
N/A

MANPOWER
N/A

COMPLETION
N/A

SERVICE ADVISORY

NO.: 0933 Revision A

TO: Owner/Operators of Garmin Integrated Flight Deck Systems

DATE: 29 July 2009

SUBJECT: System may select NAV2 as navigation source during approach

AFFECTED PRODUCTS

Embraer Prodigy™ and all Garmin G1000 systems using a dual PFD/single MFD configuration, and operating with GDU System Software prior to v11.10 are affected.

DESCRIPTION

If the CDI Synchronization function is enabled, the system may select NAV2 as the navigation source for the CDI when automatically switching from GPS to LOC during a localizer or ILS approach.

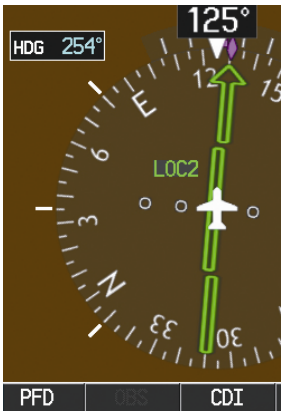

Figure 1. LOC 2 Selected

PILOT ACTION

The pilot may disable the CDI Synchronization function if desired, thus ensuring that the navigation source for PFD1 transitions to LOC1 and PFD2 transitions to LOC2 during a localizer or ILS approach.

RESOLUTION

Garmin plans to include a change in future software releases that will transition the navigation source for each PFD to the LOC that is associated with the flight-director-selected side, when CDI Synchronization is enabled.