



SERVICE ADVISORY

NO.: 0922 Rev A

TO: Owners/Operators of Garmin Integrated Flight Decks Installed With a GFC 700 Automatic Flight Control System

DATE: July 6, 2009

SUBJECT: VOR or LOC/ILS Approaches

AFFECTED PRODUCTS

All Garmin G1000, Perspective™, Prodigy™ Integrated Flight Decks installed with a Garmin GFC 700 are affected.

DESCRIPTION

Changes to navigation frequencies that occur between navigation database cycle distributions may cause a mismatch between the automatically tuned VOR/LOC/ILS frequency and the frequency shown on the approach chart or applicable NOTAM. In these cases, the mismatched (incorrect) automatically tuned frequency may cause the HSI to automatically slew to the wrong course.

PILOT ACTION

If the auto-tuned VOR/LOC/ILS frequency does not correspond to the frequency shown on the approach chart or applicable NOTAM, the pilot should manually tune the navigation receiver to the correct VOR/LOC/ILS frequency, ensure that the correct inbound course is selected and manually fly the approach without benefit of the GFC 700, or choose a different terminal procedure.

NOTE

When the selected navigation source is tuned to a frequency associated with a Localizer or ILS in the navigation database, the GFC 700 will not capture, track, or give flight director commands for a manually selected course.

RESOLUTION

GDU software version 10.00 and later versions will provide capability to couple the autopilot to the VOR or LOC/ILS approach when the pilot manually tunes the correct frequency and manually selects the proper course for the approach.

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