



AVIATION SERVICE DOCUMENT NOTIFICATION

TO: Registered Garmin G600 Owner/Operators
DATE: February 6, 2013

SUBJECT: This communication is intended to inform Garmin aviation customers of forthcoming service document Service Bulletin 1306: Disabling G600 / GAD 43e DME configurations which utilize KN-63 parallel tuning.

COMPLIANCE

Mandatory (for affected installations).

ISSUE

G600 / GAD 43e installations which interface to a Bendix/King KN-63 DME using parallel tuning (2X5, BCD, or SLIP formats) can cause the GAD 43e functions to become unresponsive. All GAD 43e functions utilized in the aircraft are affected by an unresponsive GAD 43e. However, gyro emulation functions (i.e the original GAD 43 functions) are not affected by this issue.

Functions affected by an unresponsive GAD 43e may include (if interfaced through the GAD 43e to the G600 system):

- DME distance display
- Autopilot altitude preselect
- Autopilot vertical speed control
- Radar altimeter display
- Analog VOR/localizer and glideslope display
- ADF bearing display
- Marker Beacon display

PRODUCTS AFFECTED

G600 AML STC (SA02153LA-D) installations which utilize the GAD 43e interface to a Bendix/King KN-63 DME using parallel tuning (2X5, BCD, or SLIP formats). The affected interface is shown in the *G600 AML STC Installation Manual*, Figure F-43, Sheet 2.

Only G600 AML STC installations in accordance with the *G600 AML STC Installation Manual*, Rev. K, and using GAD 43e software version 2.12 are affected. This Service Bulletin will be superseded by a future update to the G600 AML STC, including a revised Installation Manual and updated GAD 43e software.

NOTE The affected configuration is not approved under the G500 AML STC.

DESCRIPTION

This service bulletin provides instructions to disable the affected GAD 43e DME configuration. When the affected DME configuration is disabled, the issue will not occur. All GAD 43e functions other than DME will continue to function normally after accomplishing this service bulletin.

NOTE

This service bulletin will disable the display of DME distance information on the G600 system. If DME is required for operational reasons, a different means of displaying DME information will be required.

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