



## SERVICE NOTICE

**SUBJECT:** Garmin G1000 Service Advisory 1344 Revision B  
**EFFECTIVITY:** KODIAK 100 Series Aircraft

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### BACKGROUND

Reference attached Garmin G1000 Service Advisory 1344 Revision B.

### DISCUSSION

Quest Aircraft Company recommends that attached Garmin G1000 Service Advisory 1344 Revision B be examined immediately and the recommendations therein be followed.

### INSTRUCTIONS

Reference attached Garmin G1000 Service Advisory 1344 Revision B for information. If you have any questions, please contact your local Garmin Dealer.

**Quest Customer Service**  
**Service Notice: SN13-07**  
**Phone: (208) 263-1111 Toll Free: 1(866) 263-1112**  
**Email: [customerservice@questaircraft.com](mailto:customerservice@questaircraft.com)**



## SERVICE ADVISORY

NO.: 1344 Revision B

**TO:** Garmin Aviation Service Centers and Owner/Operators of all SBAS (WAAS) enabled GNS 4XX/5XX (GNS 480 is not included) series, GTN 6XX/7XX series, Cirrus Perspective®, Embraer Prodigy™, G1000, G2000, G3000, G5000, G900X, G950 products

**DATE:** December 06, 2013

**SUBJECT:** LPV and LNAV/VNAV Approach Full Scale Deflection

**REVISION B:** Added TSO-C146 statement

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### AFFECTED PRODUCTS

All SBAS (WAAS) enabled GNS 4XX/5XX (GNS 480 is not included) series, GTN 6XX/7XX series, Cirrus Perspective®, Embraer Prodigy™, G1000, G2000, G3000, G5000, G900X, G950 products are affected by this advisory.

### DESCRIPTION

CDI (Course Deviation Indicator)/HSI (Horizontal Situation Indicator) scaling on a limited number of LPV and LNAV/VNAV approaches are incorrect. Vertical guidance is not affected by this issue. As this behavior is not in strict compliance with TSO-C146, Garmin has applied for and received a TSO deviation from the FAA as the affected equipment provides an equivalent level of safety. With the granted deviation the affected equipment is fully compliant with the applicable regulatory regulations.

This issue affects only LPV and LNAV/VNAV approaches where the final approach segment termination waypoint is offset from the landing threshold.

A list of affected LPV and LNAV/VNAV approaches can be found here:

[http://www8.garmin.com/aviation/notices/garmin\\_data\\_exclusions.pdf](http://www8.garmin.com/aviation/notices/garmin_data_exclusions.pdf)

### RESOLUTION

Beginning with database cycle 1307, Garmin has removed the capability of selecting the affected approaches for LPV or LNAV/VNAV use until this issue is addressed in a future software release.

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