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DAI SI 40NG-045
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SERVICE INFORMATION
No. SI 40NG-045

> **NOTE:** SI's are used only:
> 1) To distribute information from DAI to our customers.
> 2) To distribute applicable information/documents from our suppliers to our customers with additional information.
> Typically there is no revision service for SI's. Each new information or change of that will be sent along with a new SI.

I. TECHNICAL DETAILS

1.1 Airplanes affected:

All DA 40 NG airplanes

1.2 Subject:

GARMIN Service Advisory No. 1449 Rev. A

ATA-Code: 34-00

1.3 Reason:

GARMIN has issued Service Advisory No. 1449 Rev. A describing that under certain conditions unexpected Flight Paths may be displayed when sequencing to some vector transition approaches.

1.4 Information:

For detailed technical information refer to GARMIN Service Advisory No. 1449 Rev. A which is applicable without any further additions or restrictions.

II. OTHERS

GARMIN Service Advisory No. 1449 Rev. A is attached to this Service Information.

In case of doubt contact GARMIN Ltd.

SERVICE ADVISORY
NO.: 1449 Rev A

TO: Owners/operators of G1000, G950, G900X, Embraer Prodigy, Cirrus Perspective, G2000, G3000, and G5000 Integrated Avionics Systems

DATE: August 29, 2014

SUBJECT: Unexpected flight path when sequencing to some vectors transition approaches

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PRODUCTS AFFECTED

All Garmin G1000, G950, G900X, Embraer Prodigy and Cirrus Perspective Integrated Avionics Systems with GDU software Version 11.10 and later and all Garmin G2000, G3000, and G5000 Integrated Avionics Systems are affected.

ISSUE

Under certain conditions, the FMS may incorrectly calculate, and in some cases display a course from the last waypoint in a flight plan to the final approach course of a procedure loaded with a vectors transition. This can cause the AFCS, if coupled, to command a turn in the opposite direction from the desired course upon sequencing to the vectors leg of the procedure.

PILOT ACTION

Always select HDG Mode prior to reaching the end of the final leg of a flight plan prior to an approach procedure when an approach with a vectors transition is loaded.

RESOLUTION

Future software releases will include a remedy for this issue.