



DAC
INTERNATIONAL

ENGINEERING and CERTIFICATION DIVISION

S.I.L. NO. GDC31-01a

SERVICE INFORMATION LETTER

Subject: GDC31 Roll Steering Converter, King GPS Receiver Incompatibility

Applicability: GDC31 P/N 1049-4000-XX Roll Steering Converter

This Service Information Letter (SIL) is issued to inform operators and installation shops of the incompatibility of the Bendix/King KLN-89B and KLN-94 GPS Receivers with the DAC International GDC31, P/N 1049-4000-XX Roll Steering Converter.

Field experience has indicated and compliance testing has confirmed that the KLN-89B and KLN-94 update rate of track and ground speed is too slow to maintain aircraft on course with autopilot engaged in GPS mode, resulting in a 3-degree track angle error left and right of course over a 1 – 2 minute period.

As a result, the GDC31 Installation Manual will be revised to reflect this incompatibility issue.

Yours truly,

DAC International, ECD

Charlie Callaway
Manager, Quality Assurance
Engineering and Certification Division

ISSUED: 27 June 2005

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