



SAIB: CE-11-09

Date: January 5, 2011

SUBJ: Navigation – Flight Management Computing Software System

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin informs owners, operators, and maintenance personnel of a faulty transition logic that allows the Flight Management System (FMS) to display incorrect altitude limits.

Applicable aircraft makes and models are those with an Avidyne Entegra Integrated Flight Display (IFD) system installed, part number 700-00083-(), any software Release. These include, per STC SA00282BO, **Cirrus Design Corporation SR20/SR22** and **Piper Aircraft, Inc. PA-46R-350T**.

At this time, the FAA has determined that this airworthiness concern is not an unsafe condition that would warrant airworthiness directive (AD) action under Title 14 of the Code of Federal Regulations (14 CFR) part 39.

Background

Due to issues in the FMS software, there are departure, arrival and approach procedures that display incorrect altitude constraints on the waypoints in the flight plan. These incorrect altitude constraints could be falsely too high or too low and are present on departures, arrivals and approaches.

Recommendations

The FAA recommends compliance with Avidyne Service Information Letter, SIL Number 606-00083-009.

For Further Information Contact

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For Related Service Information Contact

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