EASA Safety Information Notice

No.: 2007-30

Issued: 26 September 2007

Subject: **Gulfstream G-IV series aircraft - Potentially Reduced Lug Radius Dimension on the Aileron Boost Bellcrank Clevis.**

Ref. Publication: FAA Special Airworthiness Information Bulletin (SAIB) NM-07-48, dated September 11, 2007.

Introduction: This Safety Information Notice (SIN) refers to FAA SAIB NM-07-48 (attached to this document as page 2) and advises owners and operators of Gulfstream G-IV series aircraft that Gulfstream has identified an issue concerning a potentially reduced lug radius dimension on the aileron boost bellcrank clevis.

Applicability: Gulfstream G-IV series aircraft.

Recommendation: This Safety Information Notice is for information only.

Contact: For further information contact the Airworthiness Directives, Safety and Research Section, Certification Directorate, EASA.
E-mail: ADs@easa.europa.eu .

FAA
Aircraft Certification Service

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

SAIB: NM-07-48

SUBJ: Flight Controls – Aileron Boost Bellcrank Lug **Date:** September 11, 2007

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin advises you, owners and operators of **Gulfstream Model G-IV series airplanes, serial numbers 1000 through 1278,** that Gulfstream has identified an issue concerning a potentially reduced lug radius dimension on the aileron boost bellcrank clevis.

Background

Gulfstream discovered that the lug radius dimension of the aileron boost bellcrank clevis had been manufactured incorrectly. The hydraulic actuator attaches to the suspect lug. Failure of the bellcrank lug results in loss of hydraulic power to that aileron surface. Control of the aileron is maintained through manual reversion.

Recommendations

Gulfstream has issued GIV Customer Bulletin (CB) 121 to recommend a one-time action to inspect the aileron boost bellcrank lug thickness to lug radius ratio. The lug inspection measures the lug thickness and lug radius using a vernier caliper. We strongly recommend that you accomplish the actions suggested by and detailed in Gulfstream GIV CB 121.

For Further Information Contact

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