

**State of Israel
Ministry of Transport
Civil Aviation Authority**

**AD 24-07-10-11
Date: October 31, 2007**

AIRWORTHINESS DIRECTIVE

This Airworthiness Directive, issued by the Civil Aviation Authority in accordance with the Israeli Aviation Regulations, applies to an aircraft for which our records list you as the registered owner. It affects aviation safety and requires your immediate attention. No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with that Directive.

APPLIES TO: Gulfstream Aerospace LP (GALP) Model **G150** aircraft, serial numbers **201 thru 239**, certificated in any category.

SUBJECT: Left Electrical DC Power Box – Inspection and relocation of feeder cable.

REASON: Possible chafing between electrical feeder cable connected to contactor 123P/2 and ground point 803GND, installed within the left DC power box, discovered during routine receiving inspection. This condition may exist on boxes installed on in-service aircraft.
If this chafing condition is left unattended, an electrical short may develop, leading to disconnection of the battery and battery bus from the electrical system of the aircraft, overheating, arcing, smoke and fire.

ACTION: Unless previously accomplished, inspect the feeder cable, terminal lug 123P/2 and ground point 803GND, for chafing and arcing damage, in accordance with Gulfstream Alert Service Bulletin (ASB) 150-24A-046. Reposition the terminal lug to maintain adequate gap as detailed in the ASB.

COMPLIANCE: Compliance with this AD is required within 50 flight hours or 30 days, whichever comes first, from the effective date of this AD.

EFFECTIVE DATE: November 7, 2007.

FOR FURTHER INFORMATION CONTACT: Mr. A. Lekarev, Engineering and Manufacturing Branch, CAAI - P.O.Box 8, Ben-Gurion Airport, Israel 70150.
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