

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

**AD 28-10-02-01
Date: February 22, 2010**

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) Models **1125 Astra, Astra SPX** and **G100** aircraft serial numbers 002 through 158 certificated in any category.
- SUBJECT:** Addition of Loop Clamps between Wheel Well Fuel Lines and Electrical Harnesses
- REASON:** Sponge rubber padding used to provide separation between wheel well fuel lines and electrical harnesses was discovered during fleet maintenance. Use of this type of padding for this purpose is not approved as it is liable to cause corrosion of the fuel lines. Unless steps are taken to remove this padding and install approved separation means, fuel lines may be damaged by corrosion and/or chafing resulting in an unsafe condition due to fuel leakage in the wheel well area.
- ACTION:** Unless previously accomplished, perform the following as detailed in Gulfstream Service Bulletin number 100-28-297, original issue or later approved revision:
Remove the rubber padding (if installed), inspect the affected fuel tubes, replace or rework and re-protect corroded or chafed tubing and install loop clamps, to ensure positive separation.
- COMPLIANCE:** Compliance required within 24 months from the effective date of this AD.
- EFFECTIVE DATE:** March 8, 2010
- FOR FURTHER INFORMATION CONTACT:** Mr. Nathan Kletshevsky, Engineering and Manufacturing Branch, Airworthiness Dept., CAAI - P.O.Box 8, Ben-Gurion Airport, Israel 70150. Telephone: 972-3-9774539, Fax: 972-3-9774592, e-mail: kletshn@mot.gov.il