

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

**AD 27-04-02-06
Date: Feb. 29, 2004**

AIRWORTHINESS DIRECTIVE

This Airworthiness Directive, issued by the Civil Aviation Administration 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 L.P.** models **GALAXY** and **Gulfstream 200** aircraft serial numbers **004** thru **092** certificated in any category.
- SUBJECT:** Inspection and lubrication of Aileron Artificial Feel Spring Unit External and Internal Sleeves.
- REASON:** Several aircraft recently experienced reduced aileron control authority due to water freezing in the Aileron Artificial Feel Spring Unit (AFU). Further investigation of these incidents revealed lack of water displacing lubricant (Dow Corning 55), on the AFU sleeves, introduced to prevent water ingress into the AFU.
- ACTION:** Unless found lubricated as required, or previously accomplished, lubricate the AFU external and internal sleeves according to the Gulfstream Alert Service Bulletin No. 200-27A-230 dated February 18, 2004, or later approved revision thereof.
- Note: Periodic re-lubrication is required per Aircraft Maintenance Manual, Revision **6** or later revision.
- COMPLIANCE:** Is required within 25 flight hours after the effective date of this Airworthiness Directive.

EFFECTIVE DATE: March 15, 2004.

FOR FURTHER INFORMATION CONTACT: Mr. Nathan Kletshevsky, CAAI, Engineering and Manufacturing Branch, P.O.Box 8, Ben-Gurion Airport, Israel 70150. Telephone: 972-3-9774539, Fax: 972-3-9774592, e-mail: kletshn@mot.gov.il