

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

**AD 32-03-10-05  
Date: October 21, 2003**

**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 LP (GALP) Models 1125 ASTRA, ASTRA SPX and G100 aircraft serial numbers 004, 011-147, 149 certificated in any category.
- SUBJECT:** Landing Gear – Nose Wheel Steering – Inspection of Upper and Lower Steering Brackets and Centering Spring.
- REASON:** Damage to the nose wheel steering brackets resulting in the loss of steering control. Evaluation of the failed steering brackets have determined that the likely cause for these failures has been excessive torsional forces applied to the steering assembly which can be caused when the steering assembly is forced beyond its travel limit during towing operation of the aircraft with the scissors connected.
- ACTION:** Unless already accomplished, to perform a one time inspection of the upper and lower steering brackets for cracks, to inspect the nose centering spring for freedom of movement and to replace brackets if cracks are found in accordance with the revised procedures in the G100 Aircraft Maintenance Manual, Chapters No. 12, 20, 32, 51 and Alert Service Bulletin No. 100-32A-275, Accomplishment Instructions.
- COMPLIANCE:** Compliance with this AD is required within 50 flight hours or 25 landings which ever comes first, after the effective date of this AD.
- EFFECTIVE DATE:** October 28, 2003.

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