

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

**AD 32-04-09-05
Date: September 23, 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 LP (GALP) Models 1125 ASTRA, ASTRA SPX and G100 aircraft serial numbers 004-147 and 149 certificated in any category.

SUBJECT: Landing Gear – Nose wheel steering – NDT Inspection of upper and lower steering brackets and centering spring for cracks.

REASON: Five operators have experienced failure of the nose wheel steering brackets, in one case resulting in loss of steering control. Evaluation of the failed steering brackets has determined that the likely cause failures, is excessive torsional forces applied to the steering assembly, which can be caused during towing operation of the aircraft with the torque links (scissors) connected.

ACTION: Unless previously accomplished, check the nose wheel steering brackets in according Gulfstream S/B No. 100-32A-275 Rev. 1.
Note: Compliance with the original issue of SB No. 100-32A-275, does not negate the requirement to comply this AD.

COMPLIANCE: Compliance with this AD is required within 50 flight hours or 25 landings, whichever comes first.

EFFECTIVE DATE: October 11, 2004 .

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