

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, all serial numbers except S/N 158, certificated in any category.

SUBJECT: Separation of Main Entry Door (MED) and MED Inflatable Seal warning lights.
Revision 1 is introduced to limit the calendar time for accomplishment of this AD and revise the possible results of MED incomplete closure.

REASON: To increase pilots' awareness to the possibility of incomplete closure of the Main Entry Door (MED) by the following means:

1. Splitting the common caution light **CABIN DOOR** signaling both MED Improper Closure and MED Inflatable Seal Failure into two separate lights: **CABIN DOOR** and **CABIN DOOR SEAL**.
2. Converting the separated **CABIN DOOR** Caution light into a Warning light by changing its color to red.

NOTE: Airplane Flight Manuals (AFM'S) refer to these changes as MOD G1-20052.

Incomplete closure of the MED may be followed by in-flight opening and possible separation of the door. As a result, the MED, the adjacent fuselage structure and other parts of the aircraft may be damaged due to opening forces and landing impact.
Damage to the aircraft structure and to the left engine by flying debris and objects may also occur.
Injury and damage to people and property on the ground may be caused by falling debris and objects.

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

AD 31-06-11-05R1

ACTION: Unless previously accomplished, perform the changes listed below in accordance with Gulfstream Service Bulletin 100-31-284, original issue or later approved revision:
Modify the Warning & Caution Lights Panel (WACLP).
Change the WACLP and MED wiring.
Change the wiring harness connecting the MED to the WACLP.
Verify that the Log of Modification of the AFM includes reference to MOD G1-20052. If no reference is found, update the AFM.

COMPLIANCE: Compliance with this AD is required within 250 flight hours after June 10, 2009 (the effective date of the original issue of this AD), but no later than December 31, 2011.

EFFECTIVE DATE: May 31, 2011.

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