

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

**AD 28-12-06-18
Date: June 24, 2012**

**EMERGENCY
AIRWORTHINESS DIRECTIVE**

This Airworthiness Directive, issued by the Civil Aviation Authority in accordance with the Israeli Air Navigation 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:** GALP model G150 aircraft serial numbers 201 through 290 certificated in any category.
- SUBJECT:** One-time detailed visual inspection of the inboard vent holes.
- REASON:** Fasteners protruding from the lower wing surface were discovered during post flight inspection. Investigation revealed structural damage to and separation of ribs from wing planks.
Further inspection showed that the inboard vent tube hole was completely covered with sealant, blocking air flow through the vent. Under these conditions, internal pressure rise during pressure fueling or due to thermal expansion is sufficient to damage the wing.
- ACTION:** Unless previously accomplished, inspect both LH & RH inboard vent holes as detailed in Gulfstream Alert Service Bulletin (ASB) 150-28A-146 original issue or later approved revision.
Report any discrepancy to Gulfstream in accordance with ASB instructions.
- COMPLIANCE:** Compliance is required before next flight, unless previously accomplished.
- EFFECTIVE DATE:** June 25, 2012.

FOR FURTHER INFORMATION CONTACT: Mr. Nathan Kletshevsky, Engineering Branch, Airworthiness Div., CAAI, P.O.Box 1101, Airport City, Israel, 70100. Tel. 972-3-9774539, Fax 972-3-9774592, E-mail kletshn@mot.gov.il



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Ref. No.: Sharedocs 10090912

**DISSEMINATION OF AIRWORTHINESS DIRECTIVES
AS PER ICAO CIRCULAR 95-AN/78**

SUBJECT:AD 28-12-06-18 Rev. No. NR Date: June 24, 2012

SERVICE BULLETIN: 150-28A-146

AIRCRAFT - ~~ENGINE~~ - APPLIANCE

MAKE: Gulfstream Aerospace LP

MODEL: G150

The attached Airworthiness Directive is forwarded to you for your information since one or more of the applicable A/C models may be registered in your country.

In addition, the following information related to this A.D. is provided per FAA MCAI .

1. Description of unsafe condition, root causes and effect on aircraft.

See AD.

2. Occurrences that prompted the AD.

One incident and few wings discovered on the production line.

3. Compliance Time/Grace Period.

Before next flight.

Grace period not recommended.

4. Cost of parts and labor.

Assuming no wing damage:

No parts required.

16-18 MH

5. Availability of parts for all aircraft.

Not applicable..

6. Category of cause of problem.

Design Quality Control Operational
 Maintenance Unapproved Parts Other (Specify)

7. Ferry Flight Permission.

Yes - See Note No

Note: Inspect externally lower wing skin for fuel leaks, smoothness, distortion, looseness, protruding or loose fasteners.

Limit total fuel quantity to 3500 lbs. (less than full wing tank).

8. Number of affected aircraft Worldwide / U.S. registration (by model and S/N).
90, mostly U.S. registered.

9. Further action: If anticipated, provide description and recommended compliance.
N/A.

10. Other and remarks.