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**AIRWORTHINESS DIRECTIVE**

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On the effective date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/TFE731/24 and issues the following AD under subregulation 39.001(1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

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**AlliedSignal (Garrett/AiResearch) Turbine Engines - TFE731 Series****AD/TFE731/24  
Amdt 1****First and Second Stage Low  
Pressure Turbine Discs****1/2010**

**Applicability:** TFE731-2 and -3 series engines fitted with first and/or second stage low pressure turbine discs as listed by serial number in Table 1 of Allied Signal Aerospace Service Bulletin (ASB) TFE731-A72-3544.

**Requirement:** Remove first and second stage low pressure turbine discs in accordance with Allied Signal Aerospace ASB TFE731-A72-3544.

*Note: FAA AD 95-07-02 refers.*

**Compliance:** Unless already accomplished in accordance with the previous issue of this Directive, within 100 hours time-in-service (TIS) after the effective date of this Directive.

This Amendment becomes effective on 22 January 2010.

**Background:** This Directive requires the removal from service of certain first and second stage low pressure turbine discs. The requirement follows advice that certain first and second stage discs may have been subjected to incorrect heat treatment during the manufacturing process.

This amendment references the applicable State of design Directive which is also applicable to AD/TFE731/26 Amdt 1. For information, AD/TFE731/34 is also applicable to first and second stage low pressure turbine discs, but unrelated to this Directive.



Mike Higgins  
Delegate of the Civil Aviation Safety Authority

4 January 2010