

---

## AIRWORTHINESS DIRECTIVE

---

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (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.

---

### Rolls Royce (Allison) Turbine Engines - AL501 Series

**AD/AL501/6**

**FAA Non-Repetitive AD's**

**7/2006**

Applicability: Rolls Royce (formerly ALLISON) AL 501 series engines.

Requirement: 1. Determine the applicability of the AD's listed in Table 1 of this AD.  
2. If it is determined that an applicable AD has not been accomplished, perform the actions required by the AD.

**Table 1.**

FAA AD Number	FAA Effective Date	Title
59-21-03	Upon Receipt	Compressor Blade Retention Failures
60-21-01	9 November 1960	Torquemeter Housing
79-25-03	13 December 1979	Second Stage Turbine Wheels
86-17-06	15 September 1986	Unwanted Autofeather

*Note: Prior to 1963 FAA AD's did not have effective dates.*

Compliance: Within 30 days after the effective date of this AD.

This Airworthiness Directive becomes effective on 6 July 2006.

Background: The AD's listed in Table 1 of this AD have been evaluated and found to require one-time inspections or modifications as at the effective date of this AD. In addition the compliance period for these AD's has passed. With the introduction of the aeroplane onto the Australian register, the intention of this AD is to ensure compliance with the AD's listed in Table 1.



James Coyne  
Delegate of the Civil Aviation Safety Authority

24 May 2006