
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 39.1 (1) of CAR 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.

Eurocopter AS 332 (Super Puma) Series Helicopters

AD/S-PUMA/47

Fuel Governor

**3/2003
DM**

Applicability: AS 332 helicopters, version C, C1, L, and L1 equipped with Turbomeca Makila 1A and 1A1 engines that are fitted with fuel governors with part numbers and serial numbers listed in paragraph 1.A. (1) of Turbomeca Service Bulletin (SB) 298 73 0802.

Requirement:

1. Carry out the Accomplishment Instructions of Turbomeca Alert Telex 73.00.01.
2. Incorporate the recalculated limitations into the Aircraft Flight Manual.
3. Carry out a Fuel Control Unit (FCU) maximum fuel flow check in accordance with Turbomeca SB 298 73 0802.

Note: DGAC 2002-551(A) refers.

Compliance:

1. Prior to further flight.
2. Prior to further flight, and until compliance is met with Turbomeca SB 298 73 0802.
3.
 - a. Within one month or 120 flight hours of an acceptable FCU becoming available, but no later than 30 September 2004.
 - b. Prior to installing any spare FCU's.

This Airworthiness Directive becomes effective on 12 February 2003.

Eurocopter AS 332 (Super Puma) Series Helicopters

AD/S-PUMA/47 (Continued)

Background: This Directive is in response to fuel flow problems with certain fuel control units fitted to the Turbomeca Makila engine. The fuel flow can be limited to flows below the maximum fuel adjustment. This can lead to helicopter performance problems in single engine operation. This Directive requires a temporary flight manual amendment to be made citing revised data, until the fuel control unit is replaced.



James Coyne
Delegate of the Civil Aviation Safety Authority

31 January 2003