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## AIRWORTHINESS DIRECTIVE

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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.

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### Agusta A109 Series Helicopters

**AD/A109/35**

**Hydraulic Hoses**

**4/2003**

**Applicability:** All A109E helicopters fitted with Pratt and Whitney PW206C engine from serial number (S/N) 11001 to 11137 inclusive, and S/N 11151.

All A109E helicopters, fitted with Turbomeca TM2K1 engine from S/N 11501 to 11505 inclusive.

**Requirement:** Carry out inspection and fitment of clamps in accordance with Agusta Bollettino Tecnico 109EP-29.

*Note: Italian AD 2002-318 refers.*

**Compliance:** Within 50 flight hours from the effective date of this Directive or by 30 June 2003, whichever comes first.

This Airworthiness Directive becomes effective on 17 April 2003.

**Background:** A small hydraulic leak was observed during a ground check. Investigation revealed chafing of the hoses caused the leakage. This Directive requires the fitment of clamps to separate the hoses.



James Coyne  
Delegate of the Civil Aviation Safety Authority

5 March 2003