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 350 (Ecureuil) Series Helicopters

AD/ECUREUIL/76 Electrical Power 6/2002

Applicability: AS 350 version B3 helicopters without Modification 073146 embodied and with the following serial numbers:

3461	3463	3464	3467	3469
3471	3472	3473	3475	3477
3478	3479	3484	3485	3486
3493	3494	3511	3522	

Requirement: Remove the shunt from connector 38 Delta b in accordance with Eurocopter Alert Service Bulletin 24.00.09 dated 18 March 2002.

Note: DGAC AD 2002-187-090(A) refers.

Compliance: Within 100 hours time in service after the effective date of this Directive.

This Airworthiness Directive becomes effective on 13 June 2002.

Background: The French Direction Générale de l'Aviation Civile has advised that helicopters using the basic 150 Amp electrical power generating system may be fitted with a cable loom designed for the optional 200 Amp system. This wiring anomaly may induce an overload of the electrical power generating system and can result in disconnection of the generator.

This directive requires the correction of the wiring error at connector 38 Delta b.

James Coyne
Delegate of the Civil Aviation Safety Authority

3 May 2002

The above AD is notified in the *Commonwealth of Australia Gazette* on 22 May 2002.