

Eurocopter AS 332 (Super Puma) Series Helicopters

**AD/S-PUMA/32 Connectral Electrical Connection Modules 10/98
DM**

Applicability: AS 332C, C1, L and L1 helicopters equipped with electrical connection modules, all part numbers, manufactured by Connectral S.A. Suresnes, France if:

- a. the helicopter was manufactured between 17 April 1995 and 1 August 1996, or
- b. an optional item or equipment comprising an electrical circuit equipped with a module has been installed or replaced between 17 April 1995 and 1 August 1996, or
- c. an electrical circuit has been modified with the installation, or replacement, of a module between 17 April 1995 and 1 August 1996.

Requirement: 1. Check the functions of the electrical circuits of the various systems in vibration conditions (with rotor spinning) in accordance with Paragraph 2 of Eurocopter AS 332 Mandatory Service Bulletin No 01.00.51 date code 98-22.

2. Check Connectral modules held as spares (either as parts or installed on equipments) in accordance with Paragraph 2.A.b. of Eurocopter AS 332 Mandatory Service Bulletin No 01.00.51 date code 98-22.

Note: DGAC AD 98-254-070(A) refers.

Compliance: 1. Within 200 flying hours from the effective date of this directive, but no later than 31 December 1998.

2. Prior to installation on a helicopter after the effective date of this directive.

This airworthiness directive becomes effective on 10 September 1998.

Background: Eurocopter has advised that a manufacturing defect has been found causing electrical discontinuity. The defect only involves electrical connection modules manufactured by Connectral manufactured from week 95/16 to week 96/21. This directive requires the function checking of essential electrical circuits to detect defective electrical connection modules.