



No.	CF-2001-33	1/1
Issue Date 24 August 2001		

AIRWORTHINESS DIRECTIVE

The following airworthiness directive (AD) may be applicable to an aircraft which our records indicate is registered in your name. ADs are issued pursuant to **Canadian Aviation Regulation (CAR) 593**. Pursuant to **CAR 605.84** and the further details of **CAR Standard 625, Appendix H**, the continuing airworthiness of a Canadian registered aircraft is contingent upon compliance with all applicable ADs. Failure to comply with the requirements of an AD may invalidate the flight authorization of the aircraft. Alternative means of compliance shall be applied for in accordance with **CAR 605.84** and the above-referenced **Standard**.

This AD has been issued by the Continuing Airworthiness Division (AARDG), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

Number: CF-2001-33

Subject: Bell 206A, 206B and 206L – Chip Detector Assembly (Tedeco B3188B and B4093)

Effective: 30 September 2001

Applicability: Bell Helicopter Textron Canada (BHTC) Model 206A, 206B and 206L Series helicopters, equipped with Tedeco B3188B and B4093 chip detector assemblies.

Compliance: Within 60 days from the effective date of this directive, unless already accomplished.

Background: Bell Helicopter Textron Canada (BHTC) has become aware that Tedeco B3188B and B4093 chip detectors installed on Model 206A, 206B and 206L Series helicopters could possibly have poor or no continuity between the insert and the chip detector housing. This could result in no chip indication when the chip detector has been bridged by metal particles. BHTC and EATON TEDECO PRODUCTS have issued Alert Service Bulletins requiring a continuity test and temporary repair of the affected chip detectors. This directive mandates these Alert Service Bulletins (ASB).

Corrective Actions: Verify and repair Tedeco chip detectors as follows:

- (i) For Bell 206A and 206B helicopters: Perform a continuity test and repair in accordance with BHTC ASB 206-01-96, Rev. A, or later Transport Canada approved revisions;
- (ii) For Bell 206L helicopters: Perform a continuity test and repair in accordance with BHTC ASB 206L-01-119, Rev. A, or later Transport Canada approved revisions;
- (iii) Check spare units by test using the appropriate BHTC ASB identified above; and
- (iv) If the units are repaired, replace them within 300 hours air time with new chip detectors, but no later than 31 March 2002.

Authorization: For Minister of Transport

for B. Goyaniuk
Chief, Continuing Airworthiness

Contact: Mr. Luc Deniger, Continuing Airworthiness, Ottawa, telephone (613) 952-5385, facsimile (613) 996-9178 or e-mail denigel@tc.gc.ca or any Transport Canada Centre.