



No.	CF-2002-27	1/1
Issue Date	8 May 2002	

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-2002-27

Subject: Bell 430 - Emergency Bus Isolation

Effective: 19 June 2002

Applicability: Bell Helicopter Textron Canada (BHTC) Model 430 helicopters S/N 49001 through 49088.

Compliance: No later than 31 December 2002

Background: The DC power is supplied to each FADEC-ECU from No.1 DC emergency bus and the No. 2 DC emergency bus. If there is a failure of one of the emergency buses there is a possibility that the failed bus may now be supplied with electrical power from the serviceable emergency bus via the FADEC-ECU, causing the FADEC-ECU circuit breakers to trip. Incorporation of Alert Service Bulletin 430-02-24 modifies the electrical system to isolate the two DC emergency power inputs to the FADEC-ECU.

Corrective Actions: Isolate the two DC emergency buses by modifying the electrical system in accordance with ASB 430-02-24 dated 12 February 2002, or later revisions approved by Chief, Continuing Airworthiness, Transport Canada.

Authorization: For Minister of Transport

for B. Goyaniuk
Chief, Continuing Airworthiness

Contact: Mr. Bogdan Gajewski, Continuing Airworthiness, Ottawa, telephone (613) 952-4450, facsimile (613) 996-9178 or e-mail gajewsb@tc.gc.ca or any Transport Canada Centre.