



No.	CF-2006-03	1/1
Issue Date 28 February 2006		

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-2006-03

Subject: Fuel Valve Switch Failure

Effective: 20 March 2006

Applicability: Bell Helicopter Models 222, 222B, 222U, 230 and 430.

Compliance: No later than 3 May 2006 unless already accomplished.

Background: An investigation into a Bell 222 helicopter incident in the United States revealed that the fuel shut-off switch, P/N 10648BH1-1, failed in flight causing the fuel valve to close and the engine to shut down. Review of the Service Difficulty Report database identified two other incidents of switch failure.

To ensure the fuel supply is not interrupted as a result of a possible fuel valve switch failure, Transport Canada requires rewiring of the switch so that the fuel valve will stay open in the event of a fuel valve switch failure.

Corrective Actions: Rewire the fuel valve switch, P/N 10648BH1-1, in accordance with the instruction provided in the applicable Technical Bulletin or later revisions approved by Chief, Continuing Airworthiness, Transport Canada as listed in accompanying table.

Helicopter Model	Technical Bulletin	Date
222/ 222B	222-03-171	11 June 2003
222U	222U-03-96	11 June 2003
230	230-03-35	11 June 2003
430	430-03-33	11 June 2003

Authorization: For Minister of Transport

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.