



No.	<b>CF-2006-05</b>	1/1
Issue Date	<b>31 March 2006</b>	

# 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-2006-05
- Subject:** Brake Control Cable Fouling on Camloc Fasteners
- Effective:** 28 April 2006
- Applicability:** Bombardier Inc. DHC-8 Aircraft Models 400, 401 and 402, serial numbers 4003, 4004, 4006, 4008 through 4064, 4072 and 4073.
- Compliance:** Compliance is required as indicated unless already accomplished.
- Background:** A check of production aircraft has determined that the outboard brake control cable, P/N 83200551-001, can foul on two camloc fasteners on the pilot's bulkhead cover assembly, P/N 85314746. Although brake cable problems have not been reported on in-service aircraft, the possibility exists for brake cable wear to occur. If a brake cable were to separate while under tension, aircraft control problems could occur during take-off or landing.
- Corrective Actions:** Carry out the following in accordance with Bombardier Service Bulletin (SB) 84-53-37, Revision A, dated October 17, 2005, SB 84-53-37, Revision B, dated 24 November 2005, or SB 84-53-37, Revision C, dated 5 December 2005 or later revisions approved by Chief, Continuing Airworthiness, Aircraft Certification:
- (a) Within 12 months of the effective date of this directive, perform a visual inspection of the outboard brake control cable, P/N 83200551-001, for fouling/damage.
  - (b) If damage to any cable is found, replace the brake control cable and rework the cable cover and, if applicable, manufacture/install the offset plate assembly. Complete the cable replacement and modifications before further flight.
  - (c) If no damage to the cable assembly is found during the visual inspection, rework the cable cover and, if applicable, manufacture/install the offset plate assembly, within 24 months of the date of the inspection.
- Authorization:** For Minister of Transport
- Robin Lau  
For B. Goyaniuk  
Chief, Continuing Airworthiness
- Contact:** Mr. Ian Mc Lellan, Continuing Airworthiness, Ottawa, telephone 613 952-4362, facsimile 613 996-9178 or e-mail [mcllelli@tc.gc.ca](mailto:mcllelli@tc.gc.ca) or any Transport Canada Centre.

Pursuant to **CAR 202.51** the registered owner of a Canadian aircraft shall, within seven days, notify the Minister in writing of any change of his or her name or address.

To request a change of address, contact the Civil Aviation Communications Centre (AARC) at Place de Ville, Ottawa, Ontario K1A 0N8, or 1-800-305-2059, or [www.tc.gc.ca/civilaviation/communications/centre/address.asp](http://www.tc.gc.ca/civilaviation/communications/centre/address.asp)