




No.	<b>CF-2001-38</b>	1/1
Issue Date	11 October 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-2001-38
- Subject:** Bombardier DHC-8 - MODE S Transponder Wiring
- Effective:** 30 November 2001
- Applicability:** Bombardier Inc. DHC-8 Series 100, 200 and 300 aircraft, serial numbers 003 through 559.
- Compliance:** Within 6 months after the effective date of this directive, unless already accomplished.
- Background:** An investigation of two reports has identified wire bundle chaffing on the no. 2 propeller de-ice timer. This condition could lead to incorrect altitude information transmitted by the Mode S transponder and simultaneous loss of TCAS.
- Corrective Actions:** Install ModSum 8Q100769 and ModSum 8Q101094.
- Bombardier Service Bulletin 8-34-200 dated 26 June 2001, or later revisions approved by the Director, Aircraft Certification, Transport Canada, provides approved instructions for installing ModSum 8Q100769.
- Bombardier Service Bulletin 8-30-36 dated 13 July 2000, or later revisions approved by the Director, Aircraft Certification, Transport Canada, provides approved instructions for installing ModSum 8Q101094.
- Authorization:** For Minister of Transport
- 
- for B. Goyaniuk  
Chief, Continuing Airworthiness
- Contact:** Mr. Ian McLellan, Continuing Airworthiness, Ottawa, telephone (613) 952-4362, facsimile (613) 996-9178 or e-mail [mclelli@tc.gc.ca](mailto:mclelli@tc.gc.ca) or any Transport Canada Centre.