



No.	<b>CF-2003-04</b>	1/1
Issue Date	3 February 2003	

# 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-2003-04

**Subject:** Bombardier DHC - 8 – 300 – Type I Emergency Exit Door Valve

**Effective:** 14 March 2003

**Applicability:** Bombardier Inc. DHC-8 aircraft, Models 301, 311, 314 and 315, serial numbers 100 through 593

**Compliance:** Within 30 months after the effective date of this directive, unless already accomplished.

**Background:** Field reports have indicated that several operators had experienced difficulties with the operation of the Type I emergency exit door. The current Type I emergency door pressure control valve is susceptible to freezing. The frozen valve can prevent the door seal from deflating, resulting in an inability to open the door and impede emergency egress.

**Corrective Actions:** To prevent possible freezing of the Type I emergency door pressure control valve, replace the existing pressure control valve, P/N 75290151-001, with a new pressure control valve, P/N 505702, by incorporating modification Modsum 8Q101159. Bombardier Service Bulletin 8-52-60, dated 28 August 2002, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada, provides approved instructions for installing Modsum 8Q101159.

**Authorization:** For Minister of Transport

R. William Taylor  
Acting Chief, Continuing Airworthiness

**Contact:** Mr. Gordanko Jeremic, Continuing Airworthiness, Ottawa, telephone (613) 952-4363, facsimile (613) 996-9178 or e-mail [jeremic@tc.gc.ca](mailto:jeremic@tc.gc.ca) or any Transport Canada Centre.