



No.	CF-2011-06	1/1
Issue Date	26 April 2011	

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) 521 Division X**. 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), National Aircraft Certification Branch, Transport Canada, Ottawa, telephone 613 952-4357.

- Number:** CF- 2011-06
- Subject:** Airstair Door – Blocked Water Drainage Path
- Effective:** 17 May 2011
- Applicability:** Bombardier Inc. DHC-8 Aeroplanes, Models 400, 401, and 402, Serial Numbers 4161 through 4296
- Compliance:** As indicated below unless already accomplished
- Background:** Several operators have reported difficulties in opening the airstair door. Investigation revealed that the airstair door gearbox drain paths were blocked by sealant, causing water to accumulate and freeze in the gearbox assembly. An airstair door that is unable to be opened could hinder evacuation in the event of an emergency.

This directive mandates a one-time inspection and rectification for sealant interfering with the airstair gearbox drain paths.
- Corrective Actions:** Within 600 hours air time after the effective date of this directive, inspect the gearbox drain paths for blockages and rectify as required, in accordance with the Accomplishment Instructions in Bombardier Service Bulletin 84-53-48, dated 02 December 2010, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
- Authorization:** For the Minister of Transport, Infrastructure and Communities

ORIGINAL SIGNED BY

Derek Ferguson
Chief, Continuing Airworthiness

Contact: Miss Helen Tsai, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail CAWWEBFeedback@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

