



No.	CF-2008-19	1/1
Issue Date	8 May 2008	

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-2008-19

Subject: Water Ingress into the Cockpit

Effective: 28 May 2008

Applicability: Bombardier Inc. Models:

CL-600-2C10, serial numbers 10003 – 10216
CL-600-2D15 and CL-600-2D24, serial numbers 15001 – 15040

Compliance: Compliance is required as indicated unless already accomplished

Background: There have been several incidents of shorting and sparks due to de-icing fluid ingress into the cockpit of CL-600-2C10 and CL-600-2D24 aircraft. De-icing fluid can enter between the windshields and side windows, leading to possible damage to the electrical components and wires as it comes into contact with cockpit floodlight electrical connections.

- Corrective Action:**
1. Within 450 hours air time after the effective date of this directive, perform a leak test in accordance with Part A of the Accomplishment Instructions of Bombardier Aerospace Alert Service Bulletin, A670BA-56-002, Revision "A", dated 26 February 2008, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
 2. If leakage is detected, prior to further flight, apply sealant between the windshields and side windows in accordance with Part B of the Accomplishment Instructions of Bombardier Aerospace Alert Service Bulletin, A670BA-56-002, Revision "A", dated 26 February 2008, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
 3. If there is no detected leakage, before 1 December 2008 or within 2,000 hours air time after the effective date of this directive, whichever comes first, apply sealant between the windshields and side windows in accordance with Part B of the Accomplishment Instructions of Bombardier Aerospace Alert Service Bulletin, A670BA-56-002, Revision "A", dated 26 February 2008, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

NOTE: Leak test and application of sealant performed in accordance with the ASB A670BA-56-002, dated 7 January 2008, meet the requirements of this directive.

Authorization: For Minister of Transport, Infrastructure and Communities

Derek Ferguson
Acting Chief, Continuing Airworthiness

Contact: Mr. Gordanko Jeremic, Continuing Airworthiness, Ottawa, telephone 613-952-4379, facsimile 613-996-9178 or e-mail jeremig@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