



No.	<b>CF-2012-16</b>	1/1
Issue Date	<b>9 May 2012</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) 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-2012-16
- Subject:** Chafing of Main Distribution Centre Rack Panel with Wiring Harnesses
- Effective:** 21 May 2012
- Applicability:** Bombardier Inc. aeroplane model CL-215-6B11 (CL-415 Variant) serial numbers 2001 through 2076
- Compliance:** No later than 13 months from the effective date of this directive, unless already accomplished.
- Background:** During aeroplane operation, the Main Distribution Centre (MDC) rack panel is subject to flexing, due to the weight of the two DC Generator Control Units and the Trim Comparator Unit installed on the rack panel. Some wires routed below the MDC rack panel were found chafed. Prolonged chafing of the wires may result in damage to the power wires causing simultaneous loss of systems such as electrical power, pilot indications, and caution/advisory lighting systems, potentially leading to a hazardous situation.
- This AD is issued to replace the existing MDC rack panel assembly with a new design that incorporates additional stiffening support structure to prevent flexing of the rack panel.
- Corrective Actions:** Replace the existing MDC rack assembly with a new rack panel assembly in accordance with Bombardier Alert Service Bulletin (ASB) 215-A4436 Rev 1, dated 02 February 2012, 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:** Ms. Yosha Mendis, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail [ADs@tc.gc.ca](mailto:ADs@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)

