



No.	CF-2013-36	1/1
Issue Date	19 November 2013	

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-2013-36
- Subject:** Auto-Ignition System - Incorrect Wire Installation
- Effective:** 4 December 2013
- Applicability:** Bombardier Inc. model DHC-8-102, -103, -106, -201, -202, -301, -311, -314 and -315 aeroplanes, serial numbers 003 through 672 with Bombardier ModSum (MS) 8Q100813 or service bulletin (SB) 8-74-02 incorporated.
- Compliance:** As indicated below, unless already accomplished.
- Background:** There have been reports of incorrect installation of the auto-ignition system introduced by MS 8Q100813 or SB 8-74-02, where wires were crossed at one of the splices in the auto-relight system. The incorrect wire installation may result in the inability to achieve an in-flight engine relight when the ignition switch is selected in the AUTO position.
- Bombardier has issued SB 8-74-05 to introduce an inspection to check for correct wiring connection and rectification as required. This AD mandates incorporation of Bombardier SB 8-74-05.
- Corrective Actions:** Within 2000 hours air time or 12 months, whichever occurs first, from the effective date of this AD, perform an inspection, rectification if required and operational check on the auto-ignition system by incorporating SB 8-74-05, dated 12 July 2013, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
- Authorization:** For the Minister of Transport,
- ORIGINAL SIGNED BY*
- Derek Ferguson
Chief, Continuing Airworthiness
- Contact:** Robin Lau, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail AD-CN@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

