



No.	<b>CF-2013-01</b>	1/1
Issue Date <b>22 January 2013</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-2013-01

**Subject:** Crew Oxygen System - Oil Contamination

**Effective:** 31 January 2013

**Applicability:** Bombardier Inc. aeroplanes:

Model CL-600-2C10, serial numbers 10002 through 10265

Models CL-600-2D15 and CL-600-2D24, serial numbers 15002 through 15153, 15156 and 15157

**Compliance:** Within 6600 hours air time or 36 months, whichever occurs first, from the effective date of this AD.

**Background:** It was found that traces of oil could be present in the crew oxygen system due to the use of incorrect pressure testing procedures during manufacturing. Field sampling of nine aeroplanes have confirmed this condition. When the oxygen system is used, oil contaminants can cause an ignition and result in a fire in the oxygen system.

This AD mandates the cleaning of the crew oxygen system to reduce oil contaminants to a safe level.

**Corrective Actions:** Clean the crew oxygen system in accordance with the Accomplishment Instructions of Bombardier Service Bulletin (SB) 670BA-35-012, Revision A, dated 26 November 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:** Helen Tsai, 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.