



No.	<b>CF-2013-37</b>	1/2
Issue Date	<b>28 November 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-2013-37

**Subject:** Aft Baggage Bay Door – Non-Conforming Stop Fittings and Striker Plates

**Effective:** 12 December 2013

**Applicability:** Bombardier Inc.:

**Model CL-600-2C10 aeroplanes, serial numbers 10303 through 10333;**  
**Model CL-600-2D24 aeroplanes, serial numbers 15257 through 15284;**  
**Model CL-600-2E25 aeroplanes, serial numbers 19011 through 19024.**

**Compliance:** As indicated below, unless already accomplished.

**Background:** During the manufacturing process, it was found that certain aft baggage bay door stop fittings and striker plates did not conform to the design specifications due to a quality control problem. This quality escape could degrade the strength of the affected aft baggage bay door stop fittings and striker plates. Failure of the aft baggage bay door stop fittings or striker plates may result in the opening of the aft baggage bay door and consequent rapid decompression of the aeroplane during flight.

This AD mandates the initial and repetitive inspections of each aft baggage bay door stop fitting and striker plate until the terminating action is accomplished.

**Corrective Actions:** **Part I – Initial Detailed Visual Inspection of the Aft Baggage Bay Door Stop Fittings and Striker Plates**

- A. Within 600 hours air time or 6 months, whichever occurs first, from the effective date of this AD, perform a Detailed Visual Inspection (DVI) of each aft baggage bay door stop fitting and striker plate in accordance with the Accomplishment Instructions in Part A of Bombardier Service Bulletin (SB) 670BA-52-037, Revision B, dated 16 September 2013, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
- B. If a crack or deformation is found on a fitting or striker plate, before further flight, replace the affected aft baggage bay door stop fittings, striker plates and serrated plates, in accordance with the Accomplishment Instructions in Part B of the above-mentioned SB.
- C. If no crack or deformation is found on a fitting or striker plate, proceed to Part II of this AD.

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)



**Part II – Repetitive DVI of the Aft Baggage Bay Door Stop Fittings and Striker Plates**

- A. At intervals not to exceed 2000 hours air time or 12 months, from the previous DVI, perform a DVI of each aft baggage bay door stop fitting and striker plate in accordance with the Accomplishment Instructions in Part A of the above-mentioned SB.
- B. If a crack or deformation is found on a fitting or striker plate, before further flight, replace the affected aft baggage bay door stop fittings, striker plates and serrated plates, in accordance with the Accomplishment Instructions in Part B of the above-mentioned SB.
- C. If no crack or deformation is found on a fitting or striker plate, continue the repetitive inspections outlined in Part II of this AD until the terminating action in Part III of this AD is accomplished.

**Part III – Terminating Action – Replacement of the Aft Baggage Bay Door Stop Fittings and Striker Plates**

Within 6000 hours airtime or 36 months, whichever occurs first, from the effective date of this AD, replace the affected aft baggage bay door stop fittings, striker plates and serrated plates, in accordance with the Accomplishment Instructions in Part B of the above-mentioned SB.

Replacement of the affected baggage bay door stop fittings, striker plates and serrated plates, in accordance with the Accomplishment Instructions in Part B of the above-mentioned SB constitutes terminating action for the inspections in Parts I and II of this AD.

**Authorization:** For the Minister of Transport,

*ORIGINAL SIGNED BY*

Derek Ferguson  
Chief, Continuing Airworthiness

**Contact:** Robert Farinas, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail [AD-CN@tc.gc.ca](mailto:AD-CN@tc.gc.ca) or any Transport Canada Centre.