



No.	CF-2013-31	1/1
Issue Date	8 October 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-2013-31

Subject: Slat System – Skew on the Slat Panel Number (No.) 3

Effective: 22 October 2013

Applicability: Bombardier Inc.:

Model CL-600-2C10 aeroplanes, serial numbers 10002 through 10335
Model CL-600-2D15 and CL-600-2D24 aeroplanes, serial numbers 15001 through 15293
Model CL-600-2E25 aeroplanes, serial numbers 19002 through 19036.

Compliance: Within 6000 hours air time or 30 months, whichever occurs first, from the effective date of this AD, unless already accomplished.

Background: It was discovered that for certain slat system jam-disconnect failure cases, the resulting slat skew could lead to failure of the eccentric pin at the slat track 3-3 attachment. If the pin migrates out of the attachment lugs, this could cause the No. 3 slat panels to disconnect from the wing and could lead to the loss of the aeroplane.

This AD mandates the replacement of the locking plate with an anti-migration assembly on both the left and right No. 3 slats.

Corrective Actions: Remove and replace the locking plate, Part Number (P/N) CC670-12076-1, with an anti-migration assembly, P/N CC670-12370-1, on both the left and right No. 3 slats in accordance with Bombardier Aerospace (BA) Service Bulletin (SB) 670BA-27-066, original issue, dated 10 June 2013, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

As of the effective date of this AD, it is prohibited for anyone to install the locking plate, P/N CC670-12076-1 on CL-600-2C10, CL-600-2D15, CL600-2D24 and CL-600-2E25 aeroplanes.

Authorization: For the Minister of Transport,

ORIGINAL SIGNED BY

Derek Ferguson
Chief, Continuing Airworthiness

Contact: Gordanko Jeremic, 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

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