



No.	CF-2013-13	1/2
Issue Date	28 May 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-2013-13

Subject: Rudder Controls - Yaw Damper Uncommanded Movement

Effective: 11 June 2013

Applicability: Bombardier Inc. model CL-600-2B19, CL-600-2C10, CL-600-2D15, and CL-600-2D24 aeroplanes.

Compliance: As indicated below, unless already accomplished.

Background: There have been several reported incidents where Bombardier Regional Jet aeroplanes experienced in flight uncommanded rudder movements. Investigation revealed that a failure of the voltage regulator inside the yaw damper actuator could lead to uncommanded yaw movement. If not corrected, this condition could lead to the loss of the aeroplane.

This AD mandates the introduction of an emergency procedure to the Aeroplane Flight Manual (AFM) to address the above mentioned unsafe condition.

Corrective Actions: A. Within 30 days from the effective date of this AD, accomplish the following:

Amend the applicable AFM by incorporating the emergency procedure for uncommanded yaw motion:

Aeroplane Model	AFM Procedure	AFM Revision
CL-600-2B19	Emergency Procedures - Uncommanded Yaw Motion	AFM Revision 61, dated April 02, 2013, or later revisions of this procedure approved by Transport Canada
CL-600-2C10	Emergency Procedures – Uncommanded Yaw Motion	AFM Revision 11, dated February 14, 2013, or later revisions of this procedure approved by Transport Canada
CL-600-2D15	Emergency Procedures – Uncommanded Yaw Motion	AFM Revision 7, dated February 07, 2013, or later revisions of this procedure approved by Transport Canada
CL-600-2D24	Emergency Procedures – Uncommanded Yaw Motion	AFM Revision 7, dated February 07, 2013, or later revisions of this procedure approved by Transport Canada

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

Canada

B. Advise all flight crews of the changes introduced by AFM Revisions listed above.

Authorization: For the Minister of Transport, Infrastructure and Communities,

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.