



No.	CF-2008-33R1	1/1
Issue Date	9 January 2009	

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) 593**. 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), Aircraft Certification Branch, Transport Canada, Ottawa, telephone 613 952-4357.

Number: CF- 2008-33R1

Subject: Inboard Flap Actuator

Effective: 9 February 2009

Revision: Supersedes Airworthiness directive (AD) CF-2008-33 issued on 5 November 2008.

Applicability: All Bombardier Inc. CL-600-2B19 Aircraft

Compliance: As indicated unless already accomplished.

Background: During the Acceptance Test Procedure (ATP) of returned Inboard Flap Actuators Part Number (PN) 601R93101-19, an excessive wear condition was identified regarding endplay between the flap actuator and ball screw. Excessive wear of the screw and ball nut could potentially lead to a flap system jam. A Temporary Revision (TR) has been made to the Bombardier CL-600-2B19 Maintenance Requirements Manual (MRM), Appendix A, "Certification Maintenance Requirements" (CMR) to ensure that unacceptable wear on the nut and ball screw is detected and corrected.

Revision 1 of this directive introduces a new phase-in schedule for performing a new CMR task C27-50-300-01.

Corrective Actions:

- A. Within 30 days after the effective date of this directive, amend the Transport Canada approved maintenance schedule by incorporating the new inspection requirements of CMR Number C27-50-300-01, as introduced by TR 2A-41 of Canadair Regional Jet MRM, Appendix A, CMR.
- B. Initial compliance with the new CMR task shall be carried out within 500 hours from the effective date of this directive.

Authorization: For Minister of Transport, Infrastructure and Communities

Derek Ferguson
Acting Chief, Continuing Airworthiness

Contact: Mr. Gordanko Jeremic, Continuing Airworthiness, Ottawa, telephone 613-952-4379, facsimile 613-996-9178 or e-mail jeremig@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