



No.	CF-2008-21	1/1
Issue Date 12 June 2008		

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-2008-21

Subject: Cracking of Main Landing Gear Trunnion Fitting Web

Effective: 30 June 2008

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

Compliance: Compliance is required as indicated unless already accomplished.

Background: Cracks on the main landing gear trunnion fitting web have been discovered during fatigue testing. Failure of the main landing gear trunnion fitting web could compromise the structural integrity of the trunnion fitting and result in a main landing gear collapse. A Temporary Revision has been made to the Bombardier CL-600-2B19 Maintenance Requirements Manual, Appendix B, "Airworthiness Limitations" to ensure that fatigue cracking of the trunnion fitting web is detected and corrected.

Corrective Actions:

1. Within 30 days after the effective date of this directive, revise the Transport Canada approved maintenance schedule by incorporating the new inspection requirements of Airworthiness Limitations (AWL) Number 57-21-161, as introduced by Temporary Revision (TR) 2B-2136 of the Canadair Regional Jet Maintenance Requirement Manual (MRM), Appendix B, "Airworthiness Limitations".
2. Initial compliance with the new AWL task shall be carried out in accordance with the applicable Phase-In Schedule detailed in TR 2B-2136 of the MRM.

Authorization: For Minister of Transport, Infrastructure and Communities

Philip Tang
Acting Chief, Continuing Airworthiness

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