



No.	CF-2012-22	1/1
Issue Date	24 July 2012	

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-2012-22
- Subject:** Main Landing Gear Uplock Assembly - Incorrect Installation
- Effective:** 9 August 2012
- Applicability:** Bombardier Inc. Aeroplane Model CL-600-2B19, Serial Numbers 7003 through 7990 and 8000 through 8999
- Compliance:** Within 5500 hours air time or 48 months, whichever occurs first, from the effective date of this AD, unless already accomplished.
- Background:** There have been two reported in-service incidents where the left main landing gear (MLG) failed to extend. The investigation revealed that in both cases, the uplock assembly had been replaced prior to the in-service incidents and the upper bolt of the uplock assembly was incorrectly installed. The incorrect installation of the upper bolt resulted in the uplock assembly pivoting on the lower attachment bolt and preventing the MLG from extending under normal or alternate extension.
- The potential for an incorrect installation of the upper bolt could occur at both the left hand side (LHS) and/or the right hand side (RHS) MLG uplock assembly. Failure of the MLG to extend could adversely affect the safe landing of the aeroplane.
- This AD mandates the installation of stopper plates on the aft uplock frames in the MLG bay, adjacent to both the RHS and LHS MLG uplock assemblies, to prevent an incorrect installation of the MLG uplock assembly.
- Corrective Actions:** Install the stopper plate on the aft uplock frame of both the RHS and LHS MLG uplock assemblies in accordance with the Accomplishment Instructions in Bombardier Service Bulletin (SB) 601R-32-109, dated 29 May 2012, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.
- Authorization:** For the Minister of Transport, Infrastructure and Communities,
- ORIGINAL SIGNED BY*
- Philip Tang
Acting Chief, Continuing Airworthiness
- Contact:** Robert Farinas, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail ADs@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