



No.	CF-2014-17	1/1
Issue Date	17 June 2014	

EMERGENCY 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-2014-17
- ATA:** 28, 33 **Type Certificate:** A-131
- Subject:** Additional limitation for landing/taxi light operations on ground due to potential fuel leakage
- Effective Date:** 17 June 2014
- Applicability:** Bombardier Inc. model CL-600-2B16 (604 Variant) aeroplanes, serial numbers 5301 through 5665, and 5701 and subsequent.
- Compliance:** Within 24 hours from the effective date of this AD, unless already accomplished.
- Background:** Bombardier Inc. has determined that there is a potential for fuel leakage from the auxiliary power unit (APU) boost pump component installations in the right hand landing lights compartment. On a hot day, the temperatures in the landing light compartment as result of the heat generated by the taxi lights and/or the landing lights on the ground, can reach the auto-ignition temperature of the fuel and may ignite any fuel/fumes present in the right hand landing light compartment.
- In order to mitigate the potential safety hazard, Bombardier Inc. has revised the Aircraft Flight Manual (AFM) through Temporary Revisions (TRs) 604/38 and 605/20 to introduce additional limitations for operation of the landing/taxi lights on the ground.
- This AD is being issued to mandate compliance with the revised AFM limits for landing/taxi light operations per the TR 604/38 and TR 605/20, as applicable for the affected aeroplanes.
- Corrective Actions:** Amend the AFM for:
- A. Model CL-600-2B16 (604 Variant) aeroplanes, serial numbers 5301 through 5665, by incorporating the procedural changes introduced through TR 604/38 dated 16 June 2014, or later revisions of these procedures as approved by Transport Canada. and
 - B. Model CL-600-2B16 (604 Variant) aeroplanes, serial numbers 5701 and subsequent, by incorporating the procedural changes introduced through TR 605/20 dated 16 June 2014, or later revisions of these procedures as approved by Transport Canada..
- Advise all concerned personnel of the above listed procedural changes.
- Authorization:** For the Minister of Transport,
- ORIGINAL SIGNED BY*
- Philip Tang
Acting Chief, Continuing Airworthiness
- Contact:** A K Durrani, 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

