



# AIRWORTHINESS DIRECTIVE

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*This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) to ADs.*

**Number:**

CF-2018-06

**Effective Date:**

5 March 2018

**ATA:**

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**Type Certificate:**

A-131

**Subject:**

Floodlight Panel – Cockpit Floodlight Water Penetration

**Applicability:**

Bombardier Inc. model CL-600-2B16 (650 variant) aeroplanes, serial numbers 6050 through 6070.

**Compliance:**

Within 38 months from the effective date of this AD, unless already accomplished.

**Background:**

AD CF-2016-40, applicable to Bombardier Inc. model CL-600-2B16 (604 and 605 variants) aeroplanes, was issued to address the potential of water penetrating into cockpit floodlight fixtures. A similar condition exists on the CL-600-2B16 (650 variant) aeroplanes. This condition can cause short circuits and damage to electrical components, which may result in a fire in the cockpit.

This AD mandates the installation of gasket seals on the pilot and co-pilot floodlight fixtures to prevent fluid from entering them.

**Corrective Actions:**

Install the new gasket seals, Modification Summary 600-6537. Bombardier Service Bulletin (SB) 650-33-001, Revision 2, dated 11 March 2016, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada, provides approved instructions to install the new gasket seal.

Previous revisions of the above-mentioned SB also provide approved instructions to install the new gasket seal.

**Authorization:**

For the Minister of Transport,

*ORIGINAL SIGNED BY*

Rémy Knoerr  
Chief, Continuing Airworthiness  
Issued on 19 February 2018

**Contact:**

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