



# AIRWORTHINESS DIRECTIVE

*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-2015-26

**Effective Date:**

14 September 2015

**ATA:**

28

**Type Certificate:**

A-131

**Subject:**

Fuel – Chaffing of the Auxiliary Power Unit Negative-G Fuel Feed Drain Line

**Applicability:**

Bombardier Inc:

Model CL-600-2A12 (601 Variant) aeroplanes, serial numbers 3001 through 3066;  
 Model CL-600-2B16 (601-3A/3R Variants) aeroplanes, serial numbers 5001 through 5194;  
 Model CL-600-2B16 (604 Variant) aeroplanes, serial numbers 5301 through 5665, and 5701 through 5970.

**Compliance:**

Within 24 months from the effective date of this AD, unless already accomplished.

**Background:**

It was reported that a potential chaffing condition exist between the Auxiliary Power Unit (APU) negative-G fuel feed drain line and its surrounding structure and components. Leakage of the negative-G fuel feed drain line is a dormant failure, however, in combination with a nearby hot surface or other potential ignition source, could result in an uncontrolled fire in the aft equipment bay.

This AD mandates the detailed visual inspection and, if required, rectification, to ensure required clearance between the APU negative-G fuel feed drain line and its surrounding structure and components.

**Corrective Actions:**

Perform a detailed visual inspection for a potential chaffing condition of the APU negative-G fuel feed drain line, and rectify as required, in accordance with the following applicable Bombardier Service Bulletins (SB), or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada:

Aeroplanes	SB	Date
Model CL-600-2A12 (601 Variant), serial numbers 3001 through 3066 Model CL-600-2B16 (601-3A/3R Variants), serial numbers 5001 through 5194	601-0640	19 May 2015
Model CL-600-2B16 (604 Variant), serial numbers 5301 through 5665	604-28-021	19 May 2015
Model CL-600-2B16 (604 Variant), serial numbers 5701 through 5970	605-28-009	19 May 2015

**Authorization:**

For the Minister of Transport,

*ORIGINAL SIGNED BY*

Rémy Knoerr  
Chief, Continuing Airworthiness  
Issued on 31 August 2015

**Contact:**

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