



No.	CF-2013-35	1/1
Issue Date	15 November 2013	

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-2013-35

Subject: Engine Fuel Feed Ejector Pump Swing Arm Assembly Failure

Effective: 29 November 2013

Applicability: Bombardier Inc. model DHC-8-400, -401 and -402 aeroplanes, serial numbers 4001, 4003 through 4417 with installed engine fuel feed ejector pump part number (P/N) 2960008-102.

Compliance: As indicated below, unless already accomplished.

Background: There have been incidents of the "ENG FUEL PRESS" caution light illuminating in-flight. An investigation revealed the engine fuel feed ejector pump swing arm assembly became detached from the outlet port of the engine fuel feed ejector pump and partially blocked the engine fuel feed line. If the failed swing arm assembly migrates along the fuel line downstream of the Fuel Tank AUX Pump junction, it could block the engine fuel flow and the affected engine may experience a flameout condition.

Bombardier issued Service Bulletin (SB) 84-28-16 to introduce a restrictor into the engine fuel feed line that is designed to contain a detached ejector pump swing arm assembly.

This AD mandates the installation of a restrictor into the engine fuel feed line to prevent possible engine flameout.

Corrective Actions: Within 6000 hours air time or 3 years, whichever occurs first, from the effective date of this AD, incorporate SB 84-28-16 Revision B dated 17 June 2013, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Compliance with previous versions of SB 84-28-16 prior to the effective date of this AD, meets the requirement of this AD.

Authorization: For the Minister of Transport,

ORIGINAL SIGNED BY

Derek Ferguson
Chief, Continuing Airworthiness

Contact: Robin Lau, 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