



No.	CF-2011-02	1/2
Issue Date	01 February 2011	

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- 2011-02

Subject: Cargo Conversion System - Inadequate Fire Protection and Decompression Venting Means

Effective: 18 February 2011

Applicability: Bombardier Inc. model DHC-8 Series 100 and 200 aeroplanes, serial numbers 003 and subsequent with Supplemental Type Certificates SA00-107 or SA97-106 installed

Compliance: As indicated below unless already accomplished

Background: It has been determined that modifications by DECA Aviation Engineering Limited on Bombardier Inc. DHC-8 Series 100 and 200 aeroplanes with their Cargo Conversion and Abrasion Protection Systems, Supplemental Type Certificates (STCs) SA00-107 and SA97-106, provide inadequate fire protection and decompression venting means. This can lead to an uncontrolled cargo fire and structural damage.

This directive mandates the removal of these Cargo Conversion and Abrasion Protection Systems.

Corrective Actions: A. Within 60 days from the effective date of this directive, remove DECA Aviation Engineering Limited Class E Cargo Conversion System or Combi Abrasion Protection System configurations defined by STCs SA00-107 and SA97-106 in accordance with the following removal instructions as applicable:

1. For model DHC-8 series 100 (STC SA00-107): DECA Engineering Order EI4085, Revision 1, dated 13 January 2011, or later revision approved by Transport Canada.
2. For model DHC-8 series 200 (STC SA97-106): DECA Engineering Order EI4394, Revision 1, dated 13 January 2011, or later revision approved by Transport Canada.

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



B. As of the effective date of this directive, no further installation of the DECA Aviation Engineering Limited Class E Cargo Conversion or Abrasion Protection Systems configurations as defined by STCs SA00-107 and SA97-106 is permitted.

Authorization: For the Minister of Transport, Infrastructure and Communities

ORIGINAL SIGNED BY

Derek Ferguson
Chief, Continuing Airworthiness

Contact: Miss Helen Tsai, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail CAWWEBFeedback@tc.gc.ca or any Transport Canada Centre.