



No.	CF-2001-23	1/1
Issue Date	7 June 2001	

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) 593**. 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), Aircraft Certification Branch, Transport Canada, Ottawa, telephone (613) 952-4357.

Number: CF-2001-23

Subject: Bombardier DHC-8 Series 400 - Door Stops

Effective: 20 July 2001.

Applicability: Bombardier Inc. DHC-8 aircraft, Models 400, 401 and 402, serial numbers 4002 and subsequent.

Compliance: Within 30 days after the effective date of this directive.

Background: During the DHC-8-400 type certification fatigue test, fatigue failures of the door stops were discovered on the fuselage side and the door side of the aft passenger entry door and on the door side of the aft baggage door. Failure of the door stops, which have been identified as principal structural elements, could result in structural failure and consequent rapid decompression of the airplane during flight. Revisions have been made to the DHC-8-Q400 Maintenance Requirements Manual, Airworthiness Limitation Items, to ensure that fatigue failure of the door stops is detected and corrected.

Corrective Actions: Revise the Transport Canada approved maintenance schedule by incorporating the structural tasks 521004F101, 523004F101 and 532061F101 respectively as specified in Revision 2 of the DHC-8-Q400 Maintenance Requirements Manual, PSM 1-84-7, Part 2, Airworthiness Limitation Items.

Authorization: For Minister of Transport

B. Goyaniuk
Chief, Continuing Airworthiness

Contact: Mr. Anthony Wan, Transport Canada, Continuing Airworthiness, Ottawa, telephone (613) 952-4379, facsimile (613) 996-9178 or e-mail wana@tc.gc.ca or any Transport Canada Centre.