



Transport
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No. CF-96-25R2

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.

CF-96-25R2 BOMBARDIER

Applies to Bombardier Inc. (formerly de Havilland), Model DHC-8, Series 100 and 300 aircraft, serial numbers 003 through 405, that have not incorporated Bombardier Modifications 8/1152, 8/1982, and 8/1983 or 8/2781.

Compliance is required before 15 June 2000, unless already accomplished.

Note 1: Aircraft that have been modified in accordance with paragraphs 1, 2 and 3 per the previous issues of this directive (equivalent to paragraphs 1, 2 and 3(a) of this revision) do not require additional work under this revision.

There have been three fuel-fed fires in the engine compartment that resulted in hydraulic system damage in the nacelle.

To preserve the aircraft controllability for the remaining stages of flight and to allow a safe landing following a nacelle fire, accomplish the following:

1. For aircraft serial numbers 003 through 154:

Install Modification 8/1152 (Relocation of Parking Brake Accumulator). Bombardier Service Bulletin 8-32-128, Revision B dated 30 August 1996, or later revisions approved by the Director, Aircraft Certification, Transport Canada, provides approved instructions for incorporating Modification 8/1152 on aircraft without this modification incorporated during production.

2. For aircraft serial numbers 003 through 392, except 005 and 391:

Install Modification 8/1982 (Relocation of Parking Brake Charging Valve). Bombardier Service Bulletin 8-32-128, Revision B dated 30 August 1996, or later revisions approved by the Director, Aircraft Certification, Transport Canada, provides approved instructions for incorporating Modification 8/1982 on aircraft without this modification incorporated during production.

3. For aircraft serial numbers 003 through 405, except 141, 196, 211, 350, 391 and 402, accomplish one of the following modifications:

(a) Install Modification 8/1983 (Relocation of Number 2 Standby Power Unit). Bombardier Service Bulletin 8-29-23, dated 6 December 1996, or later revisions approved by the Director, Aircraft Certification, Transport Canada, provides approved instructions for incorporating Modification 8/1983 on aircraft without this modification incorporated during production.

Or alternatively:

Install Modification 8/2781 (Installation of Hydraulic Isolation Valves). Bombardier Service Bulletin 8-29-29, dated 27 February 1998, or later revisions approved by the Director, Aircraft Certification, Transport Canada, provides approved instructions for incorporating Modification 8/2781 on aircraft without this modification incorporated during production.

Note 2: Upon incorporation of either modification above, the corresponding Airplane Flight Manual (AFM) revision identified in section D, Compliance, of the applicable service bulletin must be inserted in the

Full document details: TC AD CF-1996-25 R2 1998

affected aeroplane's AFM.

This revision supersedes Airworthiness Directive CF-96-25R1 issued 16 January 1997.

This directive becomes effective 23 October 1998.

The purpose of this revision is to introduce Modification 8/2781 as an alternative to Modification 8/1983, and to extend the compliance time from 15 June 1999 to 15 June 2000.

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 <http://www.tc.gc.ca/civilaviation/communications/centre/address.asp>.

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