



No.	CF-2004-08	1/1
Issue Date	20 April 2004	

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-2004-08

Subject: Bombardier DHC-8 - Control Column Torque Tube Modification

Effective: 4 June 2004

Applicability: Bombardier Inc. DHC-8 Models 102, 103, 106, 201, 202, 301, 311, 314 and 315 aircraft, Serial Numbers 003 through 584.

Compliance: Within 5000 hours air time after the effective date of this directive, unless already accomplished.

Background: It has been identified that a single shear failure in the control column torque tube, inboard of its self-aligning bearings, could result in each of the pilot's and co-pilot's control column being supported by only one self-aligning bearing. This condition could result in reduced controllability of the aircraft.

Corrective Action: Install control column torque tube catchers by incorporating ModSum 8Q101338. Bombardier Service Bulletin 8-27-90, Initial Issue, dated 28 October 2003, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada, provides approved instructions for incorporating ModSum 8Q101338.

Authorization: For Minister of Transport

B. Goyaniuk
Chief, Continuing Airworthiness

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