



No.	CF-2002-20	1/1
Issue Date	20 March 2002	

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-2002-20

Subject: Bombardier - Life Limit Introduction to the Horizontal Stabilizer Trim Actuator

Effective: 26 April 2002

Applicability: All Bombardier CL-600-2B19 "Canadair Regional Jet (CRJ)".

Compliance: When indicated, unless already accomplished.

Background: A review of the Horizontal Stabilizer Trim Actuator (HSTA) endurance test results identified a life limit was required to prevent failure of key components. A Temporary Revision (TR) has been made to the CRJ Maintenance Requirement Manual, Airworthiness Limitations to introduce a life limit of 19,200 hours air time on the HSTA, Part Numbers 601R92305-1 and 601R92305-3.

Corrective Actions:

1. Within 14 calendar days of the effective date of this directive:
 - Revise the Transport Canada approved maintenance schedule by incorporating the life limit of the HSTA as introduced by Temporary Revision (TR) No. 2B-816 dated 28 November 2001, Part 2 of the Maintenance Requirements Manual, Appendix B - Limitations.
2. For a phase in schedule, for those aircraft that either:
 - (a) Exceed 19,200 hours air time; or
 - (b) Will exceed 19,200 hours air time in less than 500 hours air time.

Replace the HSTA within 500 hours air time after the effective date of this directive.

Authorization: For Minister of Transport

B. Goyaniuk
Chief, Continuing Airworthiness

Contact: Mr. Luc Deniger, Continuing Airworthiness, Ottawa, (613) 952-5385 or e-mail denigel@tc.gc.ca or any Transport Canada Centre.