




No.	CF-2002-21	1/1
Issue Date	21 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-2002-21
- Subject:** Bombardier Regional Jet CL600-2B19 - APU Cooling Air Exhaust
- Effective:** 26 April 2002
- Applicability:** Bombardier Inc. CL-600-2B19 Regional Jet (RJ) series 100/200 aircraft serial numbers 7003 through 7067, and 7069 through 7254.
- Compliance:** Within 2,000 hours flight time after the effective date of this directive, or before 31 August 2003, whichever occurs first, unless already accomplished.
- Background:** Incomplete drainage of the RJ Auxiliary Power Unit (APU) enclosure has been reported in service. Investigation revealed that negative pressure which may contribute to the drainage problem, could be created in the APU enclosure when the APU is operating on the ground. This could create a potential fire hazard if flammable fluid leakage occurs inside the APU enclosure and cannot be completely drained overboard.
- Bombardier has issued Service Bulletin (SB) 601R-49-015 dated 6 November 1998 to introduce a rework to the APU cooling air exhaust, in order to correct the negative pressure problem by allowing extra volume of air into the APU enclosure.
- Corrective Actions:** Modify the APU cooling air exhaust in accordance with Bombardier SB 601R-49-015 dated 6 November 1998 or later revisions approved by the Chief, Continuing Airworthiness, Aircraft Certification, Transport Canada.
- Authorization:** For Minister of Transport
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- B. Goyaniuk
Chief, Continuing Airworthiness
- Contact:** Mr. Robin Lau, Continuing Airworthiness, Ottawa, telephone (613) 952-4461, facsimile (613) 996-9178 or e-mail laur@tc.gc.ca or any Transport Canada Centre.