



No.	CF-2005-18	1/1
Issue Date 9 June 2005		

# 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-2005-18

**Subject:** Missing Restrictor on Refuel / Defuel Shut-Off Valves

**Effective:** 11 July 2005

**Applicability:** Bombardier Inc. CL-600-2B19 aircraft with the following Serial Numbers:

- 7003 through 7067 and 7069 through 7939, that have incorporated the original issue of Bombardier Service Bulletin (SB) 601R-28-053.
- 7940 through 7988.

**Compliance:** Compliance is required as indicated unless already accomplished.

**Background:** It was discovered that incorrectly identified "Gask-o-Seals" have been installed on certain production aircraft and have been delivered as part of a modification kit for SB 601R-28-053. The incorrectly identified "Gask-o-Seal" did not incorporate an integral restrictor to limit fuel flow rate and fuel pressure during refueling. Under maximum refueling pressure, excessive static charge could build up and create an ignition source inside the fuel tank.

**Corrective Action:** Within 550 hours air time after the effective date of this directive, replace part number 202297 "Gask-o-Seals" with part number 601R62085-1, in accordance with Bombardier Alert Service Bulletin A601R-28-064, dated 21 April 2005, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

**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.