



No.	CF-2000-01R1	1/2
Date	10 October 2000	

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 AN 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, AIRCRAFT CERTIFICATION BRANCH, TRANSPORT CANADA, OTTAWA.

CF-2000-01R1 BOMBARDIER

Applies to Bombardier Inc. (formerly Canadair) CL-600-2B16 (CL-604) series aircraft, modified in accordance with US FAA Supplemental Type Certificate SA8060NM-D, SA8072NM-D or SA8086NM-D.

Compliance is required as indicated, unless already accomplished.

An investigation of sparking, which occurred when a fuel cap chain contacted the maintenance light housing of the fuel service panel, has revealed that power and ground wires to the fuel service panel light assembly were reversed. The original issue of this directive mandated the disconnection of the electrical power from the refuel floodlight, pending further corrective action. This revision has been issued to provide approved instructions for reconnecting the electrical wires for the refuel floodlight.

To prevent a fuel fire due to electrical sparks from the maintenance light housing of the fuel service panel, accomplish the following:

Part A. Removal of Electrical Power from Refuel Floodlight

Within 48 hours after the effective date of this directive:

1. Open and lock-out the circuit breaker CB5-B8 located on the aft equipment bay at STA.645L on the JB5 panel.
2. Open the refuel/defuel door located on the right side of the fuselage at the wing root. Remove the maintenance light receptacle by removing the four screws holding the receptacle to the fairing.
3. Pull the light receptacle away from the fairing revealing the two wire leads attached to the receptacle.
4. Disconnect the wires by removing the two screws that attach the wire leads to the receptacle.
5. Cap and stow the wires to prevent contact with metal objects within the fairing.
6. Re-install the light receptacle in the fairing.
7. Close circuit breaker CB5-B8.

Part B. Restoration of Power to Refuel Floodlight

No later than 14 July 2001, install the wiring modification detailed in Paragraph 2, Accomplishment Instructions of Bombardier Service Bulletin TUC-33-30-01-1 dated 1 February 2000 or Revision A dated 10 March 2000.

This revision supersedes Airworthiness Directive CF-2000-01 which was issued 12 January 2000.

This directive retains the 14 January 2000 effective date of AD CF-2000-01.

For Minister of Transport



B. Goyaniuk
Chief, Continuing Airworthiness

For further information contact a Transport Canada Centre, or Mr. Ian McLellan, Continuing Airworthiness, Ottawa, telephone (613) 952-4362, facsimile (613) 996-9178 or e-mail mclelli@tc.gc.ca.

The original issue of this directive was based on FAA Airworthiness Directive 2000-01-51 issued 7 January 2000.