



Transport
Canada

Transports
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Canada

No. CF-91-21R1

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.

CF-91-21R1 CANADAIR

Applies to the following Canadair Limited aircraft:

1. Model CL-600-1A11 (CL-600), Serial No. 1004 to 1085;
2. Model CL-600-2A12 (CL-601), Serial No. 3001 to 3066;
3. Model CL-600-2B16 (CL-601-3A), Serial No. 5001 to 5131.

Compliance is required as indicated, unless already accomplished.

Cases have been reported of the air driven generator (ADG) electrical output harness being chafed through by the backshell of connector P6XC on the turbine generator assembly. This situation prevented the ADG from powering the essential bus and caused damage to the ADG output harness supporting structure.

To prevent the loss of ADG power and possible damage, accomplish the following:

- A. Within 25 air-time hours from the effective date of this directive, inspect the aircraft and repair if necessary in accordance with Part A of the applicable service bulletin listed in the accompanying table.
- B. At, or prior to, the next 600-Hour Inspection, modify the ADG harness installation in accordance with Part B of the applicable service bulletin listed in the accompanying table.

Canadair Service Bulletin		Applicable to	
No.	Date	Model	Serial No.
A6000612	24 April 1991	CL6001A11	1004 to 1085
A6010370	24 April 1991	CL6002A12	3001 to 3066
A6010370	24 April 1991	CL6002B16	5001 to 5098
A6010370 Rev. 1	15 April 1993	CL6002B16	5099 to 5131

Alternative means of compliance with the requirements of this directive may be used only if approved by the Director, Airworthiness Branch, Transport Canada, Ottawa. Any application should be made to the appropriate regional office.

This directive becomes effective June 9, 1993.

Pursuant to CAR 202.51 the registered owner of a Canadian aircraft shall, within seven days, notify the Minister in writing of any change of his or her name or

address. To request a change of address, contact the Civil Aviation Communications Centre (AARC) at Place de Ville, Ottawa, Ontario K1A 0N8, or 1-800-305-2059, or <http://www.tc.gc.ca/civilaviation/communications/centre/address.asp>.
24-0022 (01-2001)

