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No. CF-86-04R1

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-86-04R1 CANADAIR

Applies to Canadair CL600 aircraft as indicated:

CL600-1A11 All serial numbers,

CL600-2A12 All serial numbers,

CL600-2B16 Serial numbers 5001 to 5033, inclusive.

A number of aileron and elevator flutter dampers (part numbers 600-75134-7 and -9, and 600-75135-3 and -5, respectively) are leaking fluid in service which could render them unserviceable. This could permit flutter to occur in the event of failure of any two hydraulic systems.

Compliance is required as follows:

A. Dampers part numbers 600-75134-7 and -9, and part numbers 600-75135-3 and -5 already installed but not previously inspected in accordance with Canadair Alert Wire TA 600-000-32/194, 23 April 1985, or Revision 1, 21 November 1985:

Inspect dampers within 100 flight hours from 31 March 1986.

B. Dampers already inspected in accordance with above Alert Wires or inspected at installation:

a) Dampers part numbers 600-75134-7 and 600-75135-3:

Inspect dampers that indicated green at the last inspection at intervals of 200 flight hours or 6 months, whichever occurs first.

b) Dampers part numbers 600-75134-9 and 600-75135-5:

Inspect dampers that indicated green at the last inspection at intervals of 300 flight hours or 12 months, whichever occurs first.

c) Dampers part numbers 600-75134-7 and -9, and part numbers 600-75135-3 and -5:

Inspect dampers that indicated completely red at the last inspection within 100 flight hours or 3 months, whichever occurs first, from the last inspection.

To maintain the serviceability of the flutter dampers accomplish the following:

1. Inspect the flutter dampers in accordance with paragraph 3.1 of aforementioned Alert Wire Revision 1 or later revision approved by the Director, Airworthiness Branch, Transport Canada, Ottawa.

2. Dampers P/N 600-75135-5 and 75134-9 with more than .030 inch of green stripe showing and dampers P/N 600-75135-3 and 75134-7 with more than .040 inch of green stripe showing are serviceable.

3. Dampers having green stripes less than specified in paragraph 2 above must be replenished prior to further flight in accordance with paragraph 3.3 of the Canadair Alert Wire.



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4. Dampers having the green stripe entirely covered by the red cup may be replenished prior to further flight in accordance with paragraph 3.4 of the Canadair Alert Wire.

Note: No more than one flutter damper in this condition may be fitted to the same control surface.

Alternative means of compliance with this Directive may be used only if approved by the Director, Airworthiness Branch, Ottawa. Any application should be made to the appropriate Regional Office.

This directive supersedes Airworthiness Directive CF-86-04 issued on 10 February 1986.

This directive becomes effective 31 March 1989.

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>.

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