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No. CF-87-08R1

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-87-08R1 CANADAIR

Applies to all Canadair Limited, Model CL-215-1A10 aircraft.

Compliance is required as indicated.

An incident of uncommanded opening of the water doors which occurred in flight has been attributed to corrosion of the microswitches fitted to the water door actuator. An uncommanded opening of these doors at high speed during the take-off run, water pick-up run or landing run, could cause serious damage and could lead to loss of the aircraft.

In order to preclude the uncommanded opening of the water doors, accomplish the following:

1. Before the next water operation or within 50 flight hours (for land operation) from 7 September 1987 whichever occurs first unless already accomplished, inspect the water door microswitches, Part Number 21EN9-6 in accordance with paragraph E - Special Inspection, Canadair Service Bulletin (SB) Number 215-A363 dated 16 March 1987, or later revision if approved by the Director, Airworthiness Branch, Transport Canada, Ottawa.

If a microswitch has a contact resistance in excess of 0.25 ohms as per paragraph E(2) of SB 215-A363 or an insulation resistance less than 15 megohms as per paragraph E(3) of SB 215-A363, it must be replaced with a serviceable microswitch of the same part number as per paragraph F of the aforementioned SB 215-A363.

2. The inspection and part replacement requirements of paragraph 1 of this directive are to be repeated at intervals not to exceed the following:

(a) Every 240 flight hours for microswitches with less than 5 calendar years or 1000 flight hours time in service, whichever comes first;

(b) Every 50 flight hours for microswitches with more than 5 calendar years or 1000 flight hours time in service, whichever comes first.

3. The repetitive inspections of paragraph 2 of this directive may be discontinued upon incorporation of the modification of the water door microswitches in accordance with Canadair SB 215-389 dated 15 November 1988, or later revisions approved by the Director, Airworthiness Branch, Transport Canada, Ottawa.

Alternate 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 revision supersedes the original issue of Airworthiness Directive CF-87-08 which was issued on 7 July 1987.

This directive becomes effective 14 January 1991.

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 1-800-395-2999.

2059, or <http://www.tc.gc.ca/civilaviation/communications/centre/address.asp>.
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