



Transport
Canada

Transports
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Canada

No. CF-71-08

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-71-8 CANADAIR

Applies to all Canadair CL-215-1A10 Aircraft.

Compliance is required as indicated in each of the following paragraphs unless already accomplished.

To prevent the separation of exhaust stacks from the aircraft as a result of cracking, accomplish the following:

- (a) Visually inspect all short exhaust stacks, part number 26-8101-2C, at the next stack inspection, but not later than the next 25 hours time in service after the effective date of this Directive, as follows:
 - (1) Remove clamp, part number 55470, spacer, part number 26-8171-1, exhaust stack assemblies, part numbers 26-8147-1, 26-8148-1 and 26-8149-1, and short exhaust stack, part number 26-8101-2C;
 - (2) Visually inspect short exhaust stack, part number 26-8101-2C for cracks in the flared end of the weld area;
 - (3) Parts that pass the inspection of (a)(2) are to be marked in accordance with paragraph (e) and may be reinstalled;
 - (4) Reject and quarantine all parts that fail the inspection of (a)(2);
 - (5) Replace rejected short stacks, part number 26-8101-2C, with serviceable parts of the same part number that have been inspected by a penetrant method, or replace with an improved part approved by the Department of Transport.
- (b) Repeat the inspection of (a) every 25 hours time in service or 60 water dropping cycles, whichever occurs first, up to an accumulated three inspection periods. At the 75 hour time in service or 180 water dropping cycles, inspect the short exhaust stack; part number 26-8101-2C, using a penetrant method;
- (c) For parts that continue in service after the penetrant inspection of (b), two further inspection periods of 75 hours time in service or 180 water dropping cycles, whichever occurs first, are permitted. The inspections at the end of these periods require the use of a penetrant method of inspection;
- (d) For parts that continue in service after the second inspection in (c), the period between inspections increases to 150 hours time in service or 360 water dropping cycles, whichever occurs first, and this inspection cycle continues until the part is retired from service;
- (e) Permanently mark the stack on the edge of the flange to denote each of the above inspections passed by the same part.

Canadair Telex TMS 71-482 dated April 1, 1971, refers to this subject.

This Directive becomes effective August 2, 1971.

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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