



Transport  
Canada

Transports  
Canada

Canada

## No. CF-82-10

### 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-82-10 CANADAIR

Applies to Canadair CL-44D4, CL-44J and CC-106 (cargo only) aircraft.

Compliance is required as indicated unless already accomplished.

To detect cracks in horizontal stabilizer rear attachment fittings, Part Number 44-A45022 A and B and reinforcing channel, Part Number 28-A24559 A and B, accomplish the following:

Within the next 100 hours time in service, or at the next return of the aircraft to the main base, whichever occurs first, and thereafter at intervals of 2000 hours time in service, inspect the horizontal stabilizer rear spar attachment fittings, Part Number 44-A45022A and B, for cracks in accordance with:

- (1) Paragraph 3.5 of Canadair Service Information Circular No. 379-CL-44 Issue 3 dated February 3, 1982, or later issue approved by the Director, Airworthiness Branch, Department of Transport.
- (2) Paragraph 3.6 of the above Canadair Service Information Circular.
- (b) If a crack is found during inspection in (a) (1), the length of which is less than half the width of the lug, repeat the inspection in (a) (1) every 100 hours time in service and replace fitting within next 500 hours time in service from finding the crack with a new fitting of the same part number or an approved equivalent fitting.
- (c) When a crack is found during inspection in (a) (1) or (b), the length of which extends to or beyond half the width of the lug, replace the fitting before next flight with a new fitting of the same part number or an approved equivalent fitting.
- (d) If a crack is found during inspection in (a) (2) replace fitting Part Number 44-A45022 A or B before next flight with a new fitting as required in (b) or (c) above.
- (e) Within the same time schedule as in (a) above, inspect the reinforcing channels Part Number 28-A24559 A and B for cracks according to paragraph 3-11 or Canadair Service Information Circular No. 379-CL-44 Issue 3 dated February 23, 1982, or later approved issue.
- (f) If a crack is found in the reinforcing channel replace the part before next flight with a new channel of the same part number or an approved equivalent channel.
- (g) If, in accordance with paragraphs 3.13 and 3.14 of the above Service Information Circular, the reinforcing channels have been replaced by steel reinforcements, Part Number 28-21312-2, -3, -4 and 05, the inspection requirement in (e) may be deleted.

Whenever fittings Part Number 44-A45022 A or B are replaced, shims as appropriate should be installed as noted in paragraph 4.1 of the Service Information Circular.

This Directive supersedes Airworthiness Directive CF-81-06 dated February 9, 1981.

This Directive becomes effective June 30, 1982.

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)