



Transport
Canada

Transports
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Canada

No. CF-80-19

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-80-19 CANADAIR

Applies to all Canadair Model CL-44D4, CL-44J and CC-106 (Cargo Only) Aeroplanes.

Compliance is required as indicated.

Stress corrosion cracking has occurred in the nose landing gear cross beam along the forging horizontal parting plane. The cracks have been found on both forward and aft external surfaces, and in the pivot pin taper bores.

To detect cracks in the nose landing gear cross beam, accomplish the following in accordance with Canadair Limited Service Information Circular (SIC) 431-CL44, dated June 11, 1980, or later revision approved by the Chief, Airworthiness, Department of Transport:

- (a) within 25 hours flight time or 10 days whichever occurs first, unless already accomplished within the last 40 hours flight time or 20 days, and subsequently at intervals not to exceed the lesser of 65 hours flight time or 30 days, conducting a visual inspection of the forward and aft cross beam external faces as detailed in paragraph 3.1 and shown on Figure 1 of the referenced SIC;
- (b) at the next and each subsequent periodic inspection, with intervals between inspections not to exceed 650 hours flight time or 90 days, whichever occurs first, conduct an NDT inspection of the forward and aft cross beam external faces as detailed in paragraph 3.2 and shown on Figure 1 of the referenced SIC;
- (c) at the next periodic inspection, unless accomplished at the last periodic inspection, and subsequently at each second periodic inspection, with intervals not to exceed the lesser of 1300 hours flight time or 180 days, conduct an NDT inspection of the interior of the pivot pin taper bores as detailed in paragraph 3.3 and shown on Figure 2 of the referenced SIC.

Cracked cross beams must be replaced or repaired before further flight. Acceptable replacement parts are Canadair Part Numbers 44-85082, 44-85082-2 and Messier Part Number 200192-302 when reworked to Aviation Traders (Engineering) Limited Modification 44/094. Canadair Part Numbers 44-85082 and 44-85082-2 may be repaired in accordance with Section 4.0 of the referenced SIC. Messier Part Number 200192-302 when reworked to Aviation Traders (Engineering) Limited Modification 44/094 may be repaired in accordance with instructions approved by the Chief, Airworthiness, Department of Transport. All replacement or repaired cross beams must be inspected for cracks immediately prior to installation, and at subsequent intervals as directed above. Parts which have been repaired on the taper pin bore must be reinspected in accordance with paragraph (b) above.

Inspections accomplished in compliance with Airworthiness Directive CF-77-06 CANADAIR satisfy the initial inspection requirement of paragraphs (a) and (b) above, as appropriate.

An inspection accomplished in compliance with Airworthiness Directive CF-79-07 CANADAIR satisfies the initial inspection requirement of paragraph (c) above.

This Directive supersedes Airworthiness Directives CF-77-06 CANADAIR and CF-79-07 CANADAIR.

This Directive becomes effective August 8, 1980.



Documents

Document Sharing Hub

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)
