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No. CF-94-17

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-94-17 DE HAVILLAND

Applies to de Havilland Inc. DHC-8 aircraft, Models 102 and 103, serial numbers 101 through 180, with de Havilland Modification 8/0427 incorporated and meeting the following criteria:

- (i) Have exceeded 15,343 flight cycles on the effective date of this directive; and
- (ii) Have not been inspected in accordance with Maintenance Program Manual PSM 1-8-7, Task 5310/30C (Section 3-53, page 12, dated 10 August 1993).

Compliance is required as indicated, unless already accomplished.

In a previous issue of the Airworthiness Limitations List, one of the tasks included a misleading remark about the task effectivity. Consequently, on post-Modification 8/0427 aircraft, fuselage frames may not have been inspected at the intervals intended.

To bring the affected aircraft into compliance with the current airworthiness limitation requirements, perform either one of the following two out-of-sequence inspections:

A. Within 200 flights after the effective date of this directive, perform the Internal Inspection as stated in the Maintenance Program Manual PSM 1-8-7, Structural Inspection Program Task 5310/30C (Section 3-53, page 12, dated 10 August 1993) in the area specified;

or

B. Within 200 flights after the effective date of this directive and thereafter at intervals not to exceed 769 flights, perform the External Inspection in accordance with the Accomplishment Instructions, External Inspection, of de Havilland Service Bulletin 8-53-48, dated 26 August 1994 or later revisions approved by the Director, Airworthiness Branch, Transport Canada, Ottawa.

1. If cracks are found, before further flight perform the Internal Inspection specified in part A above.
2. No later than 31,086 total accumulated flight cycles, perform the Internal Inspection specified in part A above.

Accomplishment of the Internal Inspection terminates the repetitive External Inspection requirements of part B of this directive.

Repeat the Internal Inspection as stated in the Structural Inspection Program Task 5310/30C at intervals specified in the Maintenance Program Airworthiness Limitations List.

Alternative 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 directive becomes effective 14 October 1994.

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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