



No. CF-80-06

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-80-06 DE HAVILLAND

Applies to the de Havilland Aircraft of Canada limited Model DHC-6 Twin Otter aeroplanes when fitted with main landing gear legs on which the de Havilland Aircraft of Canada Limited modification 6/1660 has not been incorporated.

Compliance is required as indicated.

Cracks initiating at corrosion pockets in the main landing gear Y-joint weld have been found.

To preclude main landing gear leg failure caused by these cracks, accomplish the following:

A. Within 50 hours flight time or two weeks whichever occurs first, unless already accomplished, inspect, repair and modify as necessary the main landing gear legs in accordance with either Schedule No. 1 or Schedule No. 2 of The de Havilland Aircraft of Canada Limited Service Bulletin No. 6/380 dated December 20, 1978, or later revision approved by the Chief, Airworthiness, Department of Transport.

In lieu of the visual external inspections required by paragraph (a) of Schedule No. 1 or Schedule No. 2, refer to the Accomplishment Instructions and Figure 1 of the referenced Service Bulletin, remove the external finish from the Inspection Area and inspect using a dye penetrant method. If no cracks are observed, reprotect the stripped area, and proceed in accordance with paragraph (b) of the appropriate Schedule. If cracks are found, proceed in accordance with Schedule No. 1 paragraph (e), (f), and (g) as appropriate.

B. Within 2,400 hours flight time or before December 21, 1980, whichever comes first, unless already accomplished within the last 9,600 hours flight time or 4 years, and thereafter at intervals not to exceed 12,000 hours flight time or 5 years whichever comes first, accomplish, on each main landing gear leg, a Check D inspection in accordance with the Accomplishment Instructions of the referenced Service Bulletin.

This Directive becomes effective March 21, 1980.

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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