

Sektion 2. Utlandstillverkad flygmateriel

<u>TITEL:</u>	Sprickundersökning/utbyte av beslag, främre vinginfästning
<u>GÄLLER:</u>	DHC-6 Twin Otter med beslag angivna i bifogad kopia av Kanadensiskt AD CF-85-12R3.
<u>ÅTGÄRD:</u>	Utför sprickundersökning av berörda beslag enligt anvisningar i angivet underlag.
<u>TID FÖR ÅTGÄRD:</u>	I intervaller angivet i CF-85-12R3 räknat från 1991-06-01. Införande av de Havilland Service Bulletin 6/500 upphäver detta LVD.
<u>UNDERLAG:</u>	CF-85-12R3, de Havilland Service Bulletin A6/476, de Havilland Service Bulletin 6/500.
<u>REFERENS:</u>	CF-85-12R3
<u>UTGIVNINGS- DATUM:</u>	1991-05-23

LFS: 1991:12

Åtgärd enligt LVD utgör nödvändig förutsättning för ifrågavarande flygmateriels luftvärdighet. Referens BCL M 1.11. Anteckning om åtgärd, som vidtagits i enlighet med LVD, skall införas i teknisk journal för berörd flygmateriel med hänvisning till ifrågavarande LVD-nummer. Angivet underlag refererar till senaste gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.



Transport
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Aérienne

TP 7245E

No.	CF-85-12R3	1/2
Date	9 April 1991	

AIRWORTHINESS DIRECTIVE

THE FOLLOWING CANADIAN AIRWORTHINESS DIRECTIVE IS ISSUED PURSUANT TO SECTION 211 OF THE AIR REGULATIONS AND CHAPTER 593 OF THE AIRWORTHINESS MANUAL.

CF-85-12R3 DE HAVILLAND

Applies to all Boeing Canada, de Havilland Division Model DHC-6 Twin Otter aircraft fitted with aluminum wing-to-fuselage front adaptor fittings.

Compliance is required as indicated.

Reports have been received from several operators of cracks being found in the wing-to-fuselage forward adaptor aluminum fittings. Failure of these fittings could result in loss of the aircraft.

To prevent such a failure, accomplish the following:

Part A

On aircraft with aluminum fittings (P/N C6WM1031-1 and -2, C6WM1162-1 and -2) and unreworked fittings (P/N C6WM1133-1 and -2), at intervals not exceeding 500 hours time in service;

and

On aircraft with aluminum fittings (P/N C6WM1133-1 and -2) reworked per de Havilland Service Bulletin A6/476, at intervals not exceeding 250 hours time in service:

- 1) Gain access to the wing-to-fuselage aluminum front adaptor fittings (P/N C6WM1031-1 and -2, C6WM1133-1 and -2, C6WM1162-1 and -2). Inspect the adaptor fittings for cracks using an approved dye penetrant method and a 10 power magnifying glass.
 - (a) Fittings (P/N C6WM1031-1 and -2) are subject to stress corrosion or fatigue cracking. Accordingly, attention must be paid to all fitting faces, junction of the fork inner faces and for cracks radiating from the upper edges.
 - (b) Fittings (P/N C6WM1133-1 and -2, C6WM1162-1 and -2) are subject to fatigue cracking. Accordingly, particular attention is to be paid to the junction of the fork inner faces and the main body of the adaptor, horizontal and vertical faces, for cracks radiating from the upper edges.
- 2) Where a crack is present replace the fitting before further flight. Where a fitting has been reworked in accordance with de Havilland Service Bulletin 6/476, provided no cracks are present, the fitting must be replaced within 500 hours. All replacement fittings must be steel ones in accordance with de Havilland Service Bulletin 6/500.

Part B

On all aircraft, prior to 1 September 1995, install steel adapter fittings (P/N C6WM1162-3 and -4) in accordance with de Havilland Service Bulletin 6/500, Revision C dated 11 May 1990, or later revision approved by the Director, Airworthiness Branch, Transport Canada, Ottawa.

THIS AIRWORTHINESS DIRECTIVE MAY BE APPLICABLE TO AN AIRCRAFT MODEL WHICH OUR RECORDS INDICATE IS REGISTERED IN YOUR NAME. CONTINUING AIRWORTHINESS OF AN AIRCRAFT IS CONTINGENT UPON COMPLIANCE WITH ALL APPLICABLE AIRWORTHINESS DIRECTIVES. FAILURE TO COMPLY WITH THE REQUIREMENTS OF AN AIRWORTHINESS DIRECTIVE MAY INVALIDATE THE CERTIFICATE OF AIRWORTHINESS OR FLIGHT PERMIT OF YOUR AIRCRAFT.

For any address change, print new address on the envelope in which this Directive was received and return to Transport Canada, AARCE, Ottawa, Ontario, K1A 0N8 (Full postage required).

Canada

The installation of steel adaptor fittings (P/N C6WM1162-3 and -4) in accordance with de Havilland Service Bulletin 6/500 provides terminating action for this directive.

Alternative means of compliance with 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 revision supersedes Airworthiness Directive CF-85-12R2 issued on 16 December 1988.

This directive becomes effective 1 June 1991.

For Minister of Transport



S.R. Didrikson
Chief, Continuing Airworthiness

This revision mandates terminating action pursuant to Transport Canada's Aging Aircraft Program as agreed between interested users, the manufacturer and Transport Canada.

Further information regarding the contents or interpretation of this directive may be obtained from your regional airworthiness office, or by contacting directly Mr. Wes Watson, Transport Canada, Airworthiness Branch, Ottawa, telephone (613) 952-4343 or facsimile (613) 996-9178.