LUFTFARTSVERKET
Luftfartsinspektionen

LUFTVÄRDIGHETSDIREKTIV (LVD)

Flygplan
De Havilland
LVD Nr 2321

Sektion 2. Utlandstillverkad flygmateriel

TITEL: **Inspektion/byte av höjdrodrets stötstänger och lagerändstycken**

GÄLLER: DHC-6 Twin Otter alla S/N

ÅTGÄRD: För att undvika utmattningssprickor i höjdrodrets stötstänger och lagerändstycken utför åtgärder enligt bifogad kopia av AD CF-90-10.

TID FÖR ÅTGÄRD: Inom 25 flygtimmar eller 5 kalenderdagar räknat från detta LVD's utgivningsdatum om ej tidigare utförts.

UNDERLAG: CF-90-10
De Havilland Illustrated Parts Catalogue Section 27-30-00 sidan 0, figur 1, item 30.

REFERENS: CF-90-10
FAA AD 90-11-01 och LFV skrivelse L 9005-1151-31202 daterad 1990-05-11.

UTGIVNINGS-DATUM: 1990-11-08

LFS: 1990:27

Åtgärd enligt LVD utgör nödvändig förutsättning för ifrågavarende 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.

Postadress	Gatuadress	Telefon nr	Telegram	Telex
		Nat 011 - 19 20 00	Civilair	
601 79 NORRKÖPING	Vikboplan 11	Int +46 11 - 19 20 00	Norrköping	64250

L 1563-1

Transport Canada / Transports Canada

Aviation Regulation / Réglementation Aérienne

TP 7245E

No. CF-90-10 1/2

Date 11 May 1990

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-90-10 DE HAVILLAND

Applies to all Boeing of Canada, de Havilland Division, Model DHC-6 Twin Otter aircraft.

Compliance is required within 25 flight hours or five calendar days, whichever occurs first, after the effective date of this directive, unless already accomplished within the previous 21 calendar days.

Fatigue failure of an elevator pushrod end has been reported on an aircraft in service. The failure occurred in the root of the first thread of one of the rod ends, adjacent to the end lug. De Havilland Illustrated Parts Catalogue, section 27-30-00, page 0, figure 1, item 30 illustrates the location of the rod.

To detect cracked rod ends or other anomalies, and prevent recurrence of rod end failure, accomplish the following:

1. Remove the pushrod from the aircraft and remove the rod ends from both ends of the pushrod.

2. Visually inspect the pushrods and rod ends to ensure they are not bent, corroded or damaged, and that the rod end bearings are free to rotate.

3. Thoroughly clean the rod ends and perform a visual inspection of the shank threads for cracks, first using at least a 10-power magnifying glass and a strong light, followed by a high sensitivity fluorescent penetrant inspection.

4. Pushrods or rod ends found bent, corroded, cracked or seized during the inspections at 2 or 3 above are to be replaced with serviceable parts before further flight. Retain removed parts for possible future examination.

5. Within 5 calendar days from the removal of any discrepant parts from the aircraft, advise Transport Canada by writing directly to:

S.R. Didrikson
Chief, Continuing Airworthiness
Transport Canada (AARDG)
200 Kent Street
Ottawa, Ontario K1A 0N8
Tel: (613) 952-4356
Fax: (613) 996-9178

Alternate 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 May 1990.

For Minister of Transport

S.R. Didrikson
Chief, Continuing Airworthiness

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

24-0082 (03-88)

For further information regarding the contents or interpretation of this directive, please contact your regional airworthiness office, or call directly Mr. Don Cavanaugh, Transport Canada, Airworthiness Branch, Ottawa, telephone (613) 952-4410.

This directive was originally issued by Telex AARDG 90/26 dated 11 May 1990.

Pushrod part numbers indicated in paragraph 1 of the original Telex have been omitted from this printed copy because there are other part numbers which may be installed.