
Sektion 2. Utlandstillverkad flygmateriel

TITEL: Ändring av vingens inspektionsintervaller

GÄLLER: DHC-6 "Twin Otter"

ÅTGÄRD: Utför åtgärder angivna i bifogad kopia av AD CF-2000-14

TID FÖR ÅTGÄRD: Inom tider angivna under punkterna A och B i CF-2000-14

UNDERLAG: Structural Components Service Life Limits Manual PSM 1-6-11 Revision 5, daterad 11 januari, 2000.

REFERENS: CF-2000-14

BESLUTSDATUM: 3 juni 2002

LFS 2002:72

Åtgärder 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 senast gällande revision/utgåva. LVD utges i luftfartsverkets författningssamlingar LFS.

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Transport Canada
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TP 7245E

No.	CF-2000-14	1/2
Date	25 May 2000	

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) 553. PURSUANT TO CAR 605.84 AND THE FURTHER DETAILS OF CAR STANDARD 625, APPENDIX H, THE CONTINUING AIRWORTHINESS OF AN 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, AIRCRAFT CERTIFICATION BRANCH, TRANSPORT CANADA, OTTAWA.

CF-2000-14 BOMBARDIER

Applies to all Bombardier Inc. (formerly de Havilland) DHC-6 "Twin Otter" aircraft.

Compliance is required as indicated.

The service life limit information for the DHC-6 aircraft has been revised and published in Structural Components Service Life Limits Manual, PSM 1-6-11 Revision 5 dated 11 January 2000. This new version of PSM 1-6-11 changes the main wing spar, attachment lug fastener hole inspection of Pre Mod 6/1117 wings, from an ultrasonic inspection to a high frequency eddy current inspection and revises the schedule for this inspection. Revision 5 also introduces a new detailed visual inspection of the lower wing skin, stringers and aft spar lower flange WS122 to WS263 (ribs 8 to 20).

To maintain the structural integrity of DHC-6 aircraft, inspect, modify and/or retire the affected structural components as specified in Bombardier PSM 1-6-11 Revision 5 dated 11 January 2000.

For aircraft that are approaching or have exceeded the threshold of the new or revised inspections introduced by PSM 1-6-11 Revision 5, compliance with the threshold inspection may be modified as detailed below:

A. Pre Mod 6/1117 Wing Assemblies

1. If the previous inspection of the main wing spar, attachment lug fastener holes, conducted prior to the effective date of this directive, was an eddy current inspection carried out in accordance with instructions supplied by Bombardier, conduct the repeat high frequency eddy current inspection in accordance with the schedule in PSM 1-6-11 Revision 5.
2. If the previous inspection of the main wing spar, attachment lug fastener holes, conducted prior to the effective date of this directive, was an ultrasonic inspection carried out in accordance with Bombardier Service Bulletin 6/525, conduct the first high frequency eddy current inspection within 1000 hours flight time or 2000 flights, whichever occurs first, after the last ultrasonic inspection.

B. Post Mod 6/1117 and Post Mod 6/1630 Wing Assemblies

If the inspection threshold for the lower wing skin, stringers and aft spar lower flange WS122 to WS263 (ribs 8 to 20) has been exceeded or will be exceeded within 6 months after the effective date of this directive, conduct the initial inspection within 500 hours flight time or 1000 flights, whichever occurs first, but not later than 6 months after the effective date of this directive.

This directive supersedes and cancels Airworthiness Directive CF-96-15 which was issued 17 September 1996.