

---

**AIRWORTHINESS DIRECTIVE**

---

For the reasons set out in the background section, the CASA delegate whose signature appears below issues the following Airworthiness Directive (AD) under subregulation 39.001(1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

---

**Bombardier (Boeing Canada/De Havilland) DHC-8 Series Aeroplanes****AD/DHC-8/124****Airworthiness Limitation Items****8/2006**

**Applicability:** DHC-8 Aircraft, Models 400, 401, and 402; with serial numbers 4001, 4003, 4004, 4006, and 4008 through 4126.

**Requirement:** Action in accordance with the requirements of Transport Canada AD CF-2006-10.

*Note: Temporary Revisions, ALI-53 and ALI-54 of Airworthiness Limitation Items of the DHC-8-400 Maintenance Requirements Manual, PSM 1-84-7, refer.*

**Compliance:** Within 60 days after 3 August 2006, unless already accomplished.

This Airworthiness Directive becomes effective on 3 August 2006.

**Background:** A revision has been made to the DHC-8-400 Maintenance Requirements Manual, Airworthiness Limitations Items (ALI). This revision incorporates additional inspection requirements for principal structural elements (PSE) related to fuselage cutouts and revises an existing ALI task on the aft entry door with a lower threshold inspection. The actions required by this Directive are to ensure that fatigue cracking of these components will be detected and corrected before possible fatigue failure.



David Villiers  
Delegate of the Civil Aviation Safety Authority

21 June 2006