



AIRWORTHINESS DIRECTIVE

This Airworthiness Directive (AD) is issued pursuant to Canadian Aviation Regulation (CAR) 521.427. No person shall conduct a take-off or permit a take-off to be conducted in an aircraft that is in their legal custody and control, unless the requirements of CAR 605.84 pertaining to ADs are met. Standard 625 - Aircraft Equipment and Maintenance Standards Appendix H provides information concerning alternative means of compliance (AMOC) with ADs.

Number:

CF-2026-47

Effective Date:

1 October 2026

ATA:

57

Type Certificate:

A-142

Subject:

Wing – Wing Access Panels with Un-trimmed Stiffeners and/or Reduced Thickness

Replacement:

Supersedes AD 2025-33, issued 02 July 2025.

Applicability:

De Havilland Aircraft of Canada Limited (formerly Bombardier Inc.) model DHC-8-102, 103, 106, 201, 202, 301, 311, 314 and 315, all serial numbers.

Compliance:

As indicated below, unless already accomplished.

Background:

A Wiggins coupling on the fuel vent and fuel scavenge line was installed in the reverse direction in the right-hand (RH) wing at station 249. Contact of the wing access panel stiffener with the Wiggins fuel line coupling is a potential ignition source in the wing fuel tank in the event of a lightning strike. AD CF-2000-05 was intended to correct the fouling condition by trimming the RH wing access panel stiffeners and reorienting the Wiggins coupling.

AD CF-2000-05 was issued to trim the access panel stiffener for the baseline access panel configurations. The drawing erroneously identified the DHC-8-100/200/300 series aeroplane reworked panels with the same Part Number (P/N). Since the baseline panels have different thicknesses, it is possible for the thinner DHC-8-100/200 series aeroplane access panel to be installed on the DHC-8-300 series aeroplane which requires a thicker panel. A DHC-8- 100/200 series aeroplane baseline access panel installed on the DHC-8-300 series aeroplane introduces a risk for fuel tank ignition in the event of a lightning strike.

Baseline access panels reworked by AD CF-2000-05 and access panels delivered from the production line did have the RH side access panel stiffener trimmed. However, a paperwork issue may have resulted in baseline access panels being delivered to operators from the DHC SPARES Department not having had the RH side access panel stiffener trimmed, potentially introducing the fouling condition with the Wiggins coupling.

This AD supersedes AD CF-2025-33 issued on 02 July 2025 and requires the inspection and modification of wing access panels to ensure that the wing fuel access panel stiffener (only RH) has been trimmed and both left-hand (LH) and RH access panels with the correct thickness are installed on the applicable aeroplane models in accordance with an updated Service Bulletin (SB). All parts are to be reidentified to ensure configuration control is maintained.

The panel stiffener trimming instructions previously mandated by AD CF-2025-33 using the initial release of the SB were misleading and could allow for incorrect re-work.

Corrective Actions:**Part I – Inspection and Modification**

Applicable to De Havilland Aircraft of Canada Limited model DHC-8-102, 103, 106, 201, 202, 301, 311, 314 and 315, serial numbers 003 through 672.

Within 8000 hours airtime or 48 months from the effective date of AD CF-2025-33 (16 July 2025), whichever occurs first, perform the inspection, and if required the modification, of both LH outer wing access panel 524AT and RH outer wing access panel 624AT, in accordance with Section 3.B. of the Accomplishment Instructions of De Havilland Aircraft of Canada SB 8-57-50 Rev. A, dated 21 January 2026, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

For aeroplanes that have been inspected and modified in accordance with the Accomplishment Instructions contained in the Initial Issue of SB 8-57-50 dated 8 November 2024 before the effective date of this AD, refer to Part III of this AD for additional requirements.

Installation of newly introduced wing access panel P/N 85710008 also meets the intent of this AD.

Part II – Parts Installation Prohibition

As of the effective date of this AD, it is prohibited to install the P/N 85710023, 8Z6267-001, or IS8Q5700013-001 (0.050-inch thick) wing access panels, as a replacement part on the De Havilland Aircraft of Canada Limited model DHC-8-301, 311, 314, and 315 aeroplanes.

Part III – Verification of Stiffener Modification

For aeroplanes that have already been modified in accordance with the accomplishment Instructions contained in the Initial Issue of SB 8-57-50 dated 8 November 2024 before the effective date of this AD.

Within 8000 hours airtime or 48 months from the effective date of AD CF-2025-33 (16 July 2025), whichever occurs first, perform a visual inspection of the wing fuel access panel stiffeners located at Yw 237 and Yw 249 of RH outer wing access panel 624AT and complete the following:

1. If inspection finds stiffener located at Yw 237 trimmed, contact DHC for an approved repair.
2. If inspection finds stiffener located at Yw 249 is not trimmed, perform rework per Section 3.B of the Accomplishment Instructions of DHC SB 8-57-50 Rev A, dated 21 January 2026 or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Matthew Weeks
Acting Chief, Continuing Airworthiness
Issued on 17 September 2026

Contact:

Danilo Verrelli, Continuing Airworthiness, Ottawa, telephone 1- 888-663-3639 or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.