



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-2025-65

Effective Date:

19 December 2025

ATA:

36

Type Certificate:

A-276

Subject:

Pneumatic – 10th and 14th Stage Bleed Duct Damaged or Missing Insulation

Replacement:

Supersedes AD CF-2023-19, issued 13 March 2023

Applicability:

MHI RJ Aviation ULC. (MHIRJ) (formerly Bombardier Inc.) model CL-600-2B19 aeroplanes, all serial numbers.

Compliance:

As indicated below, unless already accomplished.

Background:

During an inspection of the engine pylons, a 12-inch piece of insulation was found missing on the 14th stage bleed ducts installed in both left hand (L/H) and right hand (R/H) engine pylon areas. The absence of insulation (damaged or missing insulation) on the bleed duct will allow heat to radiate to the surrounding structure and, if not corrected, could lead to the loss of the structural integrity of the engine pylon(s). Subsequent reviews discovered that the 10th stage bleed duct can also be affected by missing or damaged insulation.

This AD requires the visual inspection of the engine pylon structure and introduces a new airworthiness certification maintenance requirement for the inspection of the 10th and 14th stage bleed ducts for missing or damaged insulation and duct condition.

This AD, CF-2025-65, updates the applicability of the AD in Part I and revises the Certification Maintenance Requirements (CMR) tasks in Part II and otherwise maintains the requirements of AD CF-2023-19.

Corrective Actions:

Part I – Pylon Structure Inspection by Service Bulletin (SB)

Applicable to model CL-600-2B19 aeroplanes, serial numbers 7031, 7045, 7069, 7078, 7089, 7102, 7110, 7168, 7188, 7203, 7207, 7212, 7217, 7229, 7231, 7236, 7243, 7249, 7257, 7258, 7269, 7271, 7276, 7284, 7290, 7302, 7304, 7306, 7310, 7328, 7339, 7342, 7355, 7358, 7360, 7378, 7401, 7404, 7437, 7441, 7448, 7458, 7474, 7476, 7479, 7495, 7502, 7503, 7514, 7517, 7527, 7530, 7532, 7547, 7548, 7551, 7574, 7575, 7579, 7582, 7586, 7588, 7599, 7600, 7606, 7609, 7623, 7632, 7648, 7652, 7657, 7658, 7664, 7667, 7674, 7681 through 7683, 7687, 7715, 7720, 7726, 7727, 7743, 7748 through 7750, 7758, 7760, 7766, 7769, 7780, 7810, 7817, 7818, 7821, 7822, 7857, 7859, 7871, 7873, 7884, 7889, 7892, 7895, 7909, 7912, 7913, 7920, 7922, 7923, 7926, 7929, 7932, 7935, 7937, 7950, 7954, 7961, 7964, 8001 and 8011.

Within 48 months or 6600 hours air time, whichever occurs first, from the effective date of the initial release of superseded AD CF-2023-19, March 27, 2023, inspect spar FS654.50, spar FS672.20, and the firewall in accordance with Section 2.B. of the Accomplishment Instructions of MHIRJ SB 601R-54-006, Revision B, dated 25 February 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Compliance with Part I of superseded AD CF-2023-19 also meets the intent of Part I of this AD.

Part II – Introduction of CMR Task

Within the phase-in and repeat intervals identified within the task, complete the detailed inspection of the 10th stage and 14th stage bleed ducts for missing/damaged insulation and duct condition in accordance with CMR Task Number C36-12-133-02 in the Maintenance Requirement Manual (MRM) Part 2 of CSP A-053, released in Temporary Revision (TR) 2A-78, dated 29 August 2025.

Compliance with Part II of superseded AD CF-2023-19 also meets the intent of Part II of this AD for the 14th stage bleed duct.

Compliance with superseding TRs affecting these tasks, or later revisions of the MRM, approved by Transport Canada (TC), also meets the intent of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 5 December 2025

Contact:

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