



# 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-2026-04

**Effective Date:**

11 February 2026

**ATA:**

32

**Type Certificate:**

A-142

**Subject:**

Landing Gear – Main Landing Gear (MLG) Premature Tire Failure

**Applicability:**

De Havilland Aircraft of Canada Limited (formerly Bombardier Inc.) model DHC-8-401 and DHC-8-402 aeroplanes, all serial numbers.

**Compliance:**

As indicated below, unless already accomplished.

**Background:**

Goodyear has investigated events of premature MLG tire failures on in-service aeroplanes and determined that a manufacturing defect could be present on tire Part Number (P/N) 347K63-1 manufactured before 2019. Tires with Serial Number (S/N) pre 8232xxxx are affected by this defect and could fail prematurely. This condition, if not corrected, could lead to a MLG single or dual tire failure, resulting in reduced braking and steering performance during landing.

This AD requires the inspection, removal and replacement of Goodyear tires with S/N pre 8232xxxx.

**Corrective Actions:**

For the purpose of this AD, the following definition applies:

**Applicable Service Bulletin (SB):** De Havilland Aircraft of Canada Limited, SB 84-32-181, dated 09 December 2025, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

## Part I – Inspection and Discard of the MLG Tire

As of the effective date of this AD, inspect the aeroplane MLG to determine if Goodyear tire P/N 347K63-1 with S/N pre 8232xxxx is installed, in accordance with Section 3.B Part A, of the Accomplishment Instructions of the applicable SB.

If retreaded MLG Goodyear tire P/N 347K63-1 with S/N pre 8232xxxx is installed, remove and replace with a serviceable tire, in accordance with Section 3.B Part B, of the Accomplishment Instructions of the applicable SB, before accumulating 150 flight cycles on the tire. If the tire has accumulated over 150 flight cycles, remove and replace with a serviceable tire, within one week or 25 flight cycles, whichever occurs first.

If non-retreaded MLG Goodyear tire P/N 347K63-1 with S/N pre 8232xxxx is installed, remove and replace with a serviceable tire, in accordance with Section 3.B Part B, of the Accomplishment Instructions of the applicable SB, before accumulating 300 flight cycles on the tire. If the tire has accumulated over 300 flight cycles, remove and replace with a serviceable tire, within two weeks or 50 flight cycles, whichever occurs first.

**Part II – Installation Prohibition of MLG Retreaded Tire**

As of the effective date of this AD, it is prohibited to install a retreaded MLG Goodyear tire P/N 347K63-1 with S/N pre 8232xxxx on De Havilland Aircraft of Canada Limited model DHC-8-401 and DHC-8-402 aeroplanes.

**Part III - Service Life Limit of MLG non-Retreaded Tire**

As of the effective date of this AD, any non-retreaded MLG Goodyear tire P/N 347K63-1 with S/N pre 8232xxxx installed as a replacement part must be removed before 300 flight cycles are accumulated on the tire, on De Havilland Aircraft of Canada Limited model DHC-8-401 and DHC-8-402 aeroplanes.

**Authorization:**

For the Minister of Transport,

*ORIGINAL SIGNED BY*

André Couture  
Acting Chief, Continuing Airworthiness  
Issued on 28 January 2026

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