



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) 521 Division X*. Pursuant to *CAR 605.84* and the further details of *CAR Standard 625, Appendix H*, the continuing airworthiness of a Canadian registered 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 (AARDG), National Aircraft Certification Branch, Transport Canada, Ottawa, telephone 613 952-4357.

- Number:** CF-2014-43 **Effective Date:** 18 December 2014
- ATA:** 61 **Type Certificate:** A-142
- Subject:** Propeller Overspeed Governor – Incorporation of New Certification Maintenance Requirement (CMR) Task
- Applicability:** Bombardier Inc. model DHC-8-400, -401 and -402 aeroplane.
- Compliance:** As indicated below, unless already accomplished.
- Background:** Bombardier Inc. has revised the Maintenance Requirement Manual PSM-1-84-7, Airworthiness Limitation Items (ALI), Part 2, Section 1, Certification Maintenance Requirements (CMR). This revision introduces a new CMR task, task number 612000-109, for the Operational Check of the Propeller Overspeed Governor to be performed every 200 flight hours.

This new task was introduced to minimize the probability of dormant failure of the propeller overspeed governor, which may lead to a loss of propeller overspeed protection and result in high propeller drag in-flight.

This AD is issued to mandate the incorporation of a new CMR task for the Propeller Overspeed Governor.

Corrective Actions:

Within 30 days from the effective date of this AD, amend the Transport Canada approved maintenance schedule by incorporating CMR task number 612000-109, as introduced by TR ALI-129 of the DHC-8 Series 400 Maintenance Requirements Manual, PSM-1-84-7.

Authorization: For the Minister of Transport,

ORIGINAL SIGNED BY

Derek Ferguson
Chief, Continuing Airworthiness

Contact: Robin Lau, Continuing Airworthiness, Ottawa, telephone 613-952-4357, facsimile 613-996-9178 or e-mail AD-CN@tc.gc.ca or any Transport Canada Centre.