



# AIRWORTHINESS DIRECTIVE

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*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) to ADs.*

**Number:**

CF-2017-35

**Effective Date:**

13 December 2017

**ATA:**

27

**Type Certificate:**

A-142

**Subject:**

Flight Controls - Power Lever Module – Introduction of Operational Check of Ground Spoiler Switches.

**Applicability:**

Bombardier Inc. model DHC-8-400, -401 and -402 aeroplanes, serial numbers 4001 and subsequent.

**Compliance:**

As indicated below, unless already accomplished.

**Background:**

There has been an incident of uncommanded deployment of the ground spoilers when the power levers were advanced for take-off. The warning horn sounded and the pilot rejected the take-off. The subsequent investigation determined the root cause of the spoiler deployment was faulty switches in the power lever module. An uncommanded deployment of the ground spoilers may lead to a runway excursion.

This AD mandates the incorporation of a new Certification Maintenance Requirement (CMR) task to check the ground spoiler switches in the power lever module.

**Corrective Actions:**

- A. Within 30 days from the effective date of this AD, revise the Transport Canada approved maintenance schedule to incorporate CMR Task 276000-110 Operational Check of the Ground Spoiler Switches in the Power Lever Module, as introduced by Temporary Revision (TR) ALI-0173 dated 14 March 2017, of the DHC-8-400 Maintenance Requirements Manual (MRM), PSM 1-84-7. Compliance with superseding TR or later revisions of the MRM also meets the requirements of this paragraph.
- B. Within 8000 hours air time from the effective date of this AD, accomplish CMR Task 276000-110. Thereafter, follow the task interval specified in the DHC-8-400 MRM, PSM 1-84-7 TR ALI-0173, dated 14 March 2017, or later revisions of this task approved by Transport Canada.

**Authorization:**

For the Minister of Transport,

*ORIGINAL SIGNED BY*

Rémy Knoerr  
Chief, Continuing Airworthiness  
Issued on 29 November 2017

**Contact:**

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