



# 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.*

<b>Number:</b>	<b>Effective Date:</b>
CF-2016-33	26 October 2016
<b>ATA:</b>	<b>Type Certificate:</b>
25	A-86

**Subject:**  
Equipment – Loose Clamping of the Pilot and Co-pilot Portable Oxygen Bottle

**Applicability:**  
Viking Air Limited (formerly Bombardier Inc, Canadair) model CL-215-6B11 (CL-415 variant) aeroplanes, serial numbers 2001, 2002, 2005 to 2007, 2010, 2012 to 2017, 2019, 2022 to 2024, 2026, 2057, 2063, 2065, 2076, 2077, and 2081.

**Compliance:**  
As indicated below, unless already accomplished.

**Background:**  
During the implementation of Service Bulletin (SB) 215-4051, the oxygen bottle was found loose while the clamp strap was in the locked position. This was determined to be caused by the quick release latch assembly not achieving the proper clamping pressure.

The release of the oxygen bottle due to improper clamping pressure may result in a loose mass cockpit hazard or an oxygen rich environment leading to a possible fire hazard.

In order to mitigate the unsafe condition, SB 215-4457 was issued to modify the clamp strap and install additional shims to add strength to the attaching structure for all affected aeroplanes.

**Corrective Actions:**  
Within 12 months from the effective date of this AD, modify the clamp strap and install additional shims in accordance with Bombardier SB 215-4457, Revision 3 or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Incorporation of any of the previous revisions NC, 1 or 2 of Bombardier SB 215-4457 also meets the requirements of this AD.

**Authorization:**  
For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr  
Chief, Continuing Airworthiness  
Issued on 12 October 2016

**Contact:**  
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