



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) to ADs.

Number:

CF-2016-15

Effective Date:

1 June 2016

ATA:

35

Type Certificate:

A-131

Subject:

Passenger Oxygen System – Incorrect Length of Passenger Oxygen Mask Lanyards

Applicability:

Bombardier Inc. model CL-600-2B16 aeroplanes, serial numbers 5702 to 5705, 5707, 5709, 5710, 5712, 5714, 5715, 5718, 5719, 5722, 5723, 5725, 5727, 5728, 5731 to 5733, 5735, 5736, 5740, 5742, 5743, 5745, 5746, 5748 to 5750, 5752 to 5754, 5756 to 5758, 5760 to 5762, 5764 to 5766, 5768 to 5770, 5772 to 5774, 5776 to 5780, 5782 to 5787, 5790, 5791, 5793, 5794, 5796, 5797, 5799, 5800, 5802, 5803, 5805 to 5814, 5816, 5818 to 5820, 5823 to 5829, 5831 to 5853, 5856, 5857, 5859 to 5863, 5865 to 5874, 5876 to 5881, 5883 to 5888, 5890 to 5894, 5896 to 5898, 5900 to 5906, 5908 to 5911, 5913 to 5938, 5940 to 5947, 5949 to 5980, 5982 to 5985, 5987 and 5988.

Compliance:

As indicated below, unless already accomplished.

Background:

Bombardier (BA) has determined that the lanyard length of the passenger drop down oxygen masks is too long and may cause the safety pin tethered to the opposite end of the lanyard to remain engaged in the oxygen flow mechanism when the mask is pulled to the passenger's face. In an emergency situation where oxygen is required, it is possible that certain passengers may not receive oxygen supply due to the increased length of the lanyard.

BA has issued service bulletin (SB) 605-35-003 to replace the existing lanyards in the passenger oxygen box assemblies with lanyards of the correct length. Incorporation of this SB will restore the proper oxygen flow functionality to the passenger oxygen masks in the event of an emergency.

This AD mandates the incorporation of BA SB 605-35-003.

Corrective Actions:

Within 2400 flight hours or 60 months, whichever occurs first, from the effective date of this AD, replace the existing lanyards in the passenger oxygen box assemblies with lanyards of the correct length, in accordance with BA SB 605-35-003 Revision 02 dated 18 April 2016, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Compliance with the Basic Issue or Revision 01 of BA SB 605-35-003, prior to the effective date of this AD, meets the mandated requirements of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Robin Lau
Acting Chief, Continuing Airworthiness
Issued on 18 May 2016

Contact:

Hilary Ross, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, facsimile 613-996-9178 or e-mail AD-CN@tc.gc.ca or any Transport Canada Centre.