



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-2022-10

Effective Date:

24 March 2022

ATA:

25

Type Certificate:

A-131

Subject:

Equipment/Furnishings – Cockpit Smoke Hood

Applicability:

Bombardier Inc. model CL-600-1A11, CL-600-2A12 and CL-600-2B16 aeroplanes, all serial numbers.

Compliance:

Within 12 months from the effective date of this AD, unless already accomplished.

Background:

Bombardier Inc. determined that due to a lack of flight crew awareness, the function of the smoke hoods, installed as part of the Completions Interior Configuration, can be misunderstood. In a fire/smoke event, flight crews may initially attempt to use the smoke hood believing it to be portable protective breathing equipment (PBE). This situation, if not corrected, could result in a delay in identifying the source of the smoke/fire.

This AD mandates an inspection to determine if smoke hoods that are not considered required safety equipments are installed and, if found, requires that they be removed along with any associated placards.

Corrective Actions:

Verify if smoke hood, part number MR-10008N, is installed in the cockpit, the forward wardrobe or in any other location in the aircraft. If found installed, remove the smoke hood, including any associated placards and install the new placard in accordance with Section 2.B. of the Accomplishment Instructions of the applicable Bombardier Service Bulletin (SB) referenced in Table 1 below, or later revisions approved by the Chief, Continuing Airworthiness, Transport Canada.

Table 1: SB References

Aeroplane Model	Bombardier SB
CL-600-1A11	SB 600-0778, Basic Issue, dated 22 September 2021
CL-600-2A12	SB 601-1110, Basic Issue, dated 22 September 2021
CL-600-2B16	SB 604-25-004, Basic Issue, dated 22 September 2021
CL-600-2B16	SB 605-25-014, Basic Issue, dated 22 September 2021
CL-600-2B16	SB 650-25-016, Basic Issue, dated 22 September 2021

For aeroplanes with a serial number not listed in the above SBs, contact Bombardier SRPSA@aero.bombardier.com for assistance. Bombardier will provide the instructions to inspect and, if required, remove the smoke hood.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Rémy Knoerr
Chief, Continuing Airworthiness
Issued on 10 March 2022

Contact:

Mihaela Kramer, Continuing Airworthiness, Ottawa, telephone 888-663-3639, facsimile 613-996-9178 or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.