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-2026-53

Effective Date:

4 November 2026

ATA:

71

Type Certificate:

A-236

Subject:

Power Plant General – A220 Freezing Fog Limitation

Applicability:

Airbus Canada Limited Partnership (ACLP) (formerly C Series Aircraft Limited Partnership (CSALP), Bombardier Inc.) aeroplanes:

Model BD-500-1A10, all serial numbers.

Model BD-500-1A11, all serial numbers.

Compliance:

As indicated below, unless already accomplished.

Background:

On A320 aircraft equipped with PW1100G-JM engines, some operators reported engine stall events that occurred on ground in icing weather conditions during engine acceleration to takeoff thrust, or during the takeoff phase. Due to the design similarities between the PW1100G-JM and PW1500G engines, it cannot be excluded that this condition could affect the PW1500G. This condition, if not addressed, could result in loss of thrust and possibly of dual engine shutdown during critical phases of flight.

To raise awareness to this issue, ACLP issued the Flight Operations Transmission (FOT) A220-FOT-72-00-001, recommending operators adopt takeoff restrictions during ground freezing fog (FZFG) conditions and when the visibility is less than 150 m (500 ft).

To address this unsafe condition, this AD mandates the limitation referenced by the FOT.

Corrective Actions:

Within 7 days after the effective date of this AD, implement the following takeoff restriction:

A. Takeoff is prohibited during ground freezing fog (FZFG) conditions and when the visibility is less than 150 m (500 ft).
B. Amending the Airplane Flight Manual (AFM) of an aeroplane by incorporating a later AFM revision, which includes that limitation, is an acceptable method to comply with the requirements of paragraph A of this AD.

Authorization:

For the Minister of Transport,

ORIGINAL SIGNED BY

Jenny Young
Chief, Continuing Airworthiness
Issued on 21 October 2026

Contact:

Steven Labranche, Continuing Airworthiness, Ottawa, telephone 1-888-663-3639, or e-mail TC.AirworthinessDirectives-Consignesdenavigabilite.TC@tc.gc.ca or any Transport Canada Centre.