



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST04612CH

This certificate issued to: Nextant Aerospace
18601 Cleveland Parkway
Cleveland, OH 44135

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product T00003NY *Make.* Bombardier
Type Certificate Number: *Model.* BD-700-1A10

Description of Type Design Change:

Installation of a SpaceX Starlink Aviation System in accordance with Nextant Aerospace Master Data List, Doc. No. NT0079-MDL0-0100, Revision A, dated January 30, 2024, or later FAA-approved revisions.

Limitations and Conditions:

- 1) This STC is applicable to all serial numbers for this Make-Model.
- 2) The installer must determine whether this design change is compatible with previously approved modifications.
- 3) FAA Approved Airplane Flight Manual Supplement, Nextant Aerospace Doc. No. NT0079-AFMS-0100, Revision IR, approved February 2, 2024, or later FAA approved revision is required on board the modified aircraft.
- 4) FAA Approved Instructions for Continued Airworthiness – Airworthiness Limitations, Chapter 04-00-00 of Nextant Aerospace Doc. No. NT0079-ICA0-0100, Revision IR, approved February 2, 2024, or later FAA approved revision is a required part of this STC.
- 5) This modification requires that the aircraft be shown to be electromagnetically compatible with transmitting portable electronics devices (T-PEDs) that utilize wireless data technologies.

(See Continuation Sheet, Page 4 of 4.)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application. December 21, 2022

Date Reissued.

Date of Issuance. February 2, 2024

Date Amended.

By Direction of the Administrator

Signature: _____

Brenda L. Litchfield
ODA Administrator

Title: Envoy Aerospace, LLC ODA-831240-CE

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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Supplemental Type Certificate

(Continuation Sheet)

Number: ST04612CH

Date of Issuance: February 2, 2024

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Bombardier BD-700-1A10 aircraft is as follows:

- a. The type certification basis for the Bombardier BD-700-1A10 aircraft is shown on TCDS T00003NY for parts not changed or affected by the change.
b. This certification basis for parts changed or affected by the change since the reference date of application is based upon TCDS T00003NY. Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in Order 8110.48, the certification basis for this modification was determined to be:

Applicable regulations at the latest amendment 25-0 through 25-91 and including amendments 25-94, 25-96, and 25-97

Table with 3 columns of CFR references: § 25.29(a)(b) through § 25.351(a)(b) on the left; § 25.365(a)(b)(d)(e)(f) through § 25.869(a)(4) in the middle; § 25.901(c) through § 25.1587(b) on the right.

Applicable 14 CFR Part 25 regulations at other amendment levels

§ 25.113(a)(b) [Amdt 25-92]; § 25.115(a)(b)(c) [Amdt 25-92]; § 25.981(a)(3) [Amdt 25-102].

Equivalent Level of Safety Findings

ELOS Memo ENV22045-F-1: § 25.251(b) - Vibration and Buffeting Requirements for Ku Band Antenna

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(Continuation Sheet)

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Limitations and Conditions (Continued):

- 6) The system is intended to provide non-essential, non-required internet connection and email services to the airplane's cabin using portable electronic devices (PEDs). Any other intended function of this equipment will require a re-examination of the certification basis.
- 7) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

-----*END*-----

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