

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST02299LA

*This Certificate issued to* Orcon Corporation  
7560 Bristow Ct., Suite C  
San Diego, CA 92154

*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 Type Certificate Number:* T00005NY

*Make:* Bombardier Aerospace Inc.

\* SEE PAGE 3

*Model:* BD-100-1A10

*Description of Type Design Change:* Installation of insulation blankets in accordance with Orcon Corporation's Index List, No. F83007, Revision B, dated May 18, 2010, or subsequent FAA approved revision.

*Limitations and Conditions:* The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.

(Limitations and Conditions continued on page 3.)

*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:* February 22, 2010

*Date reissued:* October 5, 2016

*Date of issuance:* May 21, 2010

*Dates amended:*

*By direction of the Administrator*



(Signature)

Manager, Cabin Safety, Mechanical &  
Environmental Systems Branch  
Los Angeles Aircraft Certification Office

(Title)

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental type certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

\_\_\_\_\_

**TRANSFER ENDORSEMENT**

Transfer the ownership of the Supplemental Type Certificate Number \_\_\_\_\_

to (Name of transferee) \_\_\_\_\_

(Address of transfer) \_\_\_\_\_  
(Number and street)

\_\_\_\_\_  
(City, State, and Zip code)

from (Name of grantor) (Print or type) \_\_\_\_\_

(Address of grantor) \_\_\_\_\_  
(Number and street)

\_\_\_\_\_  
(City, State, and Zip code)

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor (In ink): \_\_\_\_\_

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

United States Of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* **ST02299LA**

*Limitations and Conditions: (Continued)*

The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft.

Orcon Corporation's Continued Airworthiness Instructions, Document No. CAI-CL300 Revision A, dated March 16, 2010, or later FAA accepted revision must be made available to the operator at the time of installation.

**Certification Basis:**

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for not significant changes in FAA Order 8110-48, the certification basis for the installation of Cabin Interior Noise Reduction Kit is as follows:

- a. The type Certification Basis for Bombardier Aerospace Inc. BD-100-1A10 aircraft is shown on TCDS T00005NY.

**Regulations at the latest amendment 25-0 through 25-129**

14 CFR § 25.856(a)

14 CFR part 26 Regulations

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations 14 CFR § 26.11 (Amdt. No. 26-0) and § 26.47 (Amdt. No. 26-2). This modification did not affect or create fatigue critical structure. The modification has been reviewed per the guidance provided in Advisory Circular (AC) 25.27. It has been determined that the modification does not necessitate a revision to the Original Equipment Manufacturer (OEM) Electrical Wiring Interconnection System (EWIS) ICA that was required to be developed by 26.11 (b). The EWIS ICA required by the aircraft manufacturer is sufficient for maintenance of all wiring in this installation.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

-END-

---

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*