

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

Number ST00108MC

This certificate issued to:

Sierra Nevada Corporation
11551 E. Arapahoe Road
Centennial, Colorado 80112

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: A13NM

Make: Bombardier Inc.

Model: DHC-8-202

Description of Type Design Change:

Installation of mission communication equipment and mission interior modifications in accordance with Sierra Nevada Corporation (SNC) Master Drawing List, Document Number MDL-0208-00-9307, Revision C, dated December 30, 2013, or later FAA approved revisions.

Limitations and Conditions:

(See continuation sheet 3 of 3 for additional limitations)

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: May 1, 2012

Date reissued:

Date of issuance: June 20, 2014

Date amended: September 18, 2014



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

By direction of the Administrator

(Signature)

Derek Morgan

Manager

Military Certification Office

(Title)

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)*: _____

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(Continuation Sheet)

Number ST00108MC

Limitations and Conditions:

1. The following documents are required as part of this installation:
 - a. Instructions for Continued Airworthiness, SNC Document No. 0208-01-9303, Rev A, dated November 19, 2013, or later FAA accepted revision shall be made available to the operator at the time of installation for incorporation into the operator's maintenance program.
 - b. The Airplane Flight Manual Supplement, SNC Document No. 0208-01-9304, Revision A, dated June 20, 2014, or later FAA approved revisions, is required and must be carried in the aircraft during all flights.
2. 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 the permission.
3. Compatibility of this design with previously approved modifications must be determined by the installer.
4. Supplemental Type Certificates (STC) ST02083NY and one of the following STCs; ST03252NY, ST03253NY, or ST03270NY must be installed as a prerequisite for this STC installation.
5. Loose cargo or stowage is prohibited aft of Fuselage Station 545.5 (former cargo compartment).
6. The mission communication equipment, which includes mission radios and a VORTEX unit are installed with operational limitations. These equipment are installed for receive functions only and activation of the transmit functions are prohibited.
7. Maritime Radar Scanner, IFF Interrogator, and X-Band Satcom Datalink systems are installed for "Safe Carriage", and are not approved for operation.
8. The operational installation of the MX-15 HDI EO/IR includes the ELRF-2 Class 1 eyesafe laser rangefinder. Operation of the IR laser, to include appropriate laser safety training for flight crew and maintenance personnel, should be in accordance with the intent of American National Standards Institute (ANSI) Standards Z135.1, *Safe use of Lasers*, and Z136.6, *Use of Lasers Outdoor*.
9. This STC is intended for military, public, or government use aircraft only.

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