

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

*Number* ST02146NY

*This certificate issued to* EMS Technologies Canada, Ltd.  
400 Maple Grove Road  
Ottawa, Ontario K2V 1B8

*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:* \* \*See attached FAA Approved Model List (AML) No. ST02146NY for a list of approved airplane models and applicable airworthiness regulations.  
*Make:* \*  
*Model:* \*

*Description of Type Design Change:*

**Configuration 1:**

The installation must be in accordance with EMS Technologies Cabin Network Xcelerator Unit Installation Guide MN-1110-50108, Revision D, dated October 24, 2006 and EMS Technologies Supplemental Installation Instruction, CNX Drawing 1110-K-0532, Revision A, or later Transport Canada approved revisions. Wireless network card must be deactivated by installing a jumper wire on connector P2, pins 119 to 125, per Installation Guide MN-1110-50108.

**Configuration 2:**

Installation must be in accordance with EMS Technologies Cabin Network Xcelerator Unit Installation Guide MN-1110-50108, Revision D, dated October 24, 2006 and EMS Technologies Supplemental Installation Instruction, CNX Drawing 1110-K-0532, Revision A, or later Transport Canada approved revisions. Wireless network card is enabled.

*Limitations and Condition:*

1. Maintenance must be in accordance with Avionics Design Services Ltd. Maintenance Manual Supplement MMS05032-1, Revision E, Transport Canada accepted July 10, 2008, or later Transport Canada accepted revision.

(See Continuation Sheet 2)

*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 31, 2007

*Date reissued:* August 12, 2008

*Date of issuance:* August 10, 2005

*Date amended:* August 10, 2007, July 25, 2008,  
October 31, 2008



*By direction of the Administrator*

(Signature)

Anthony Socias  
Manager  
New York 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.

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST02146NY

Date of Reissue: October 31, 2008

*Limitations and Conditions* (Continued).

2. This modification may not be installed after ~~August 30~~<sup>June 7</sup>, 2010 unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office. (Refer to §26.11, Amdt 26-0)
3. The installer must determine whether this design change is compatible with previously approved modifications.
4. 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.
5. A copy of this certificate and the FAA Approved Model List (AML) No. ST02146NY, issued August 10, 2005, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.
6. Per § 21.101(g), applicable provisions of Part 26 must be met.

*Certification Basis:*

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for this modification is as follows:

The existing type certification basis for aircraft models as shown on the FAA Type Certificate Data Sheet in additional to:

**FAR Part 26 Regulations**

§ 26.11                    Amendment 26-0 (As applicable)

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