



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST03290NY

This certificate issued to: Row 44
1050 Oak Creek Drive
Lombard, IL 60148

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 25/26 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: * Mcng: * *See attached FAA Approved Model List (AML)
* Mqf gn No. ST03290NY for list of approved airplane models and applicable airworthiness regulations

Description of Type Design Change:

- 1. Wireless Broadband System Installation on 14 CFR 25 aircraft in accordance with Row 44 Master Data List. See attached FAA Approved Model List (AML) No. ST03290NY for approved MDL.
 - 2. See attached FAA Approved Model List (AML) No. ST03290NY for approved Airplane Flight Manual Supplement.
- See Continuation Sheet 3 & 4

Limitations and Conditions:

- 1. STC includes Electromagnetic Compatibility Demonstration for Airplane Wireless Radio Frequency Networks (Transmitting Portable Electronic Device Non-Interference testing), therefore, in order to activate the Broadband System installed by this STC, Transmitting Portable Electronic Device Non-Interference testing must be accomplished in a manner as defined by FAA Policy Statement PS-ANM-25-13. Row 44 AML STC ST03290NY is an acceptable means of compliance.
- See Continuation Sheet 3 & 4

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

Date of application: May 6, 2014

Date reissued:

Date of issuance: December 18, 2014

Date amended: September 22, 2015

By direction of the Administrator

Signature _____

Title Nick Olmsted
STC ODA administrator
ODA-955292-NE

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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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 Supplemental Type Certificate Number: ST03290NY

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate
(Continuation Sheet)
Number: ST03290NY

EFFECTIVE DATE: September 22, 2015

Description of Type Design Change (Continued):

3. The aircraft must be maintained in accordance with Row 44 Instructions for Continuous Airworthiness (ICAW) and the FAA-Approved AIRWORTHINESS LIMITATION SECTION (ALS). See attached FAA Approved Model List (AML) No. ST03290NY for approved ICAW Report Number and ALS information.
4. This STC requires incorporation of Row 44 revised Electrical Wiring Interconnection System (EWIS) Instructions for Continued Airworthiness. See attached FAA Approved Model List (AML) No. ST03290NY for FAA approved EWIS ICA.

Limitations and Conditions: (Continued):

2. See FAA Approved Model List (AML) No. ST03290NY for specific Master Data List (MDL) that supports aircraft eligibility.
3. 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.
4. A copy of this certificate and the FAA Approved Model List (AML) No. ST03290NY, issued December 18, 2014 or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.
5. Compatibility of this design change with previously approved modifications must be determined by the installer.
6. This STC incorporates compliance to a regulation by a time-limited exemption: Exemption No. 11071A terminates on 22 September 2016. On or prior to that date, Row 44 must demonstrate full compliance to the bird-strike requirements of § 25.571 (e)(1), or the STC becomes void.
7. The installer must determine whether this design change is compatible with previously approved modifications.

Certification Basis:

1. Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48.
2. 14CFR Part 25 regulations
- a. See attached FAA Approved Model List (AML) No. ST03290NY for the type certification basis and applicable TCDS.

See Continuation Sheet 4

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(Continuation Sheet)

Number: ST03290NY

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Certification Basis (Continued):

b. Regulations listed in TCDS:

25.23, 25.29, 25.101, 25.111, 25.115, 25.119, 25.121, 25.251, 25.301, 25.303, 25.305, 25.307, 25.321, 25.331, 25.333, 25.335, 25.337, 25.341, 25.349, 25.351, 25.365, 25.427, 25.561, 25.571, 25.581, 25.601, 25.603, 25.605, 25.607, 25.609, 25.611, 25.613, 25.619, 25.625, 25.629, 25.771, 25.773, 25.777, 25.831, 25.841, 25.853, 25.869, 25.899, 25.901, 25.903, 25.981, 25.1301, 25.1307, 25.1309, 25.1321, 25.1322, 25.1351, 25.1353, 25.1355, 25.1357, 25.1381, 25.1401, 25.1419, 25.1431, 25.1501, 25.1519, 25.1529, 25.1541, 25.1555, 25.1581, 25.1585. See attached FAA Approved Model List (AML) No. ST03290NY for specific models.

c. Regulations above the amendment levels listed in TCDS;

See attached FAA Approved Model List (AML) No. ST03290NY for specific models.

3. 14CFR Part 26 Regulations

Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For 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 26-0

26.47 Amdt 26-1

4.Exemption No. 11071 dated September 22, 2014, and Exemption No. 11071A dated September 01, 2015 have been granted from: 14CFR 25.571(e)(1) at amendment 25-132.

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