United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST11144SC

This certificate issued to: Aircraft Systems & Manufacturing, Inc.
104 Golden Oaks Drive
Georgetown, TX 78628

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: A16WE

Make: Boeing

Model: 737-300 Series, 737-400 Series, 737-500 Series

Description of Type Design Change:

Installation of Extended Squitter Mode S Transponder and GPS Position Source in accordance with Aircraft Systems & Manufacturing, Inc. Top Drawing List No. 5704-0001-00, Rev. K, dated 9/26/2016, or later FAA approved revision. Airplane Flight Manual Supplement No. 5704-2160-00, Rev. A, dated 1/27/16, or later FAA approved revision, or No. 5704-2160-01, dated 11/17/16, or later FAA approved revision, is required.

Limitations and Conditions:

The installer must determine whether this design change is compatible with previously approved modifications. 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.

(See continuation sheet 3 of 3)

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: August 23, 2012

Date Reissued:

Date of Issuance: July 18, 2013

Date Amended: November 17, 2016

By Direction of the Administrator

Signature _____

Title Matt Crouch, Acting Manager,
Fort Worth Aircraft Certification Office
Southwest Region

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:

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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Certification Basis:

The Certification Basis for this installation is per Type Certificate Data sheet A16WE, revision 50 plus the following 14 CFR Part 25 paragraphs through Amendment 25-136 dated 3/12/2012:

Regulations at the latest amendment 25-0 through 25-136:
14 CFR § 25.29 b; 25.251; 25.301; 25.303; 25.307; 25.561; 25.581 a, b, c; 25.603 a; 25.607; 25.625; 25.771 a; 25.773 a(1); 25.777 a; 25.789; 25.899 a, b(1); 25.1301; 25.1307 c; 25.1309 b, c, d, e; 25.1310 a, b; 25.1316 b; 25.1321 e; 35.1322 b, d, e(1), f; 25.1351 a; 25.1353 a, c; 25.1357 a, c, e; 25.1431 a, b. c, d; 25.1529; 25.1541 b; 25.1581 a, b, c; 25.1583 e; 25.1585 a

Regulations at the latest amendment 26-0 through 26-4:
14 CFR § 26.11, 26.47, 26.49

Regulations at an intermediate amendment:
14 CFR § 25.571 a, b(1)-b(5) Amdt 25-86; 25.613 Amdt 25-72; 25.773 a(1) Amdt 25-121; 25.869 a(4) Amdt 25-72; 25.981 a(3) Amdt 25-102

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