



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: ST04229AT

This certificate issued to: Avionics Support Group  
13155 SW 132nd Avenue  
Miami, FL 33186

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/-400/-500/-600/-700/-800/-900 Series

Description of Type Design Change:

Installation of an International Communications Group (ICG) IRIDIUM Satellite Communications System on B737-300 / -400 / -500 / -600 / -700 / -800 / -900 series aircraft in accordance with Master Drawing List 214184-MDL, Revision C, dated October 6, 2015 or later FAA approved revision.

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 a product, the holder must give the other person written evidence of that permission. FAA approved Airplane Flight Manual Supplement for Avionics Support Group 214184-FMS dated October 13, 2015 or later approved revision is a required part of this STC. Instructions for Continued Airworthiness Document 214184-ICA Revision B, dated October 6, 2015 or later approved revision is a required part of this STC.

*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 15, 2014

Date Reissued:

Date of Issuance: October 13, 2015

Date Amended:

By Direction of the Administrator

Signature

Title Melvin D. Taylor, Manager  
Atlanta Aircraft Certification Office

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: ST04229AT*

**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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(Continuation Sheet)
Number: ST04229AT

Certification Basis:

Regulations at the latest amendment 25-0 through 25-138

Table with 7 columns of regulatory references: § 25.29, § 25.301, § 25.303, § 25.305, § 25.307(a), § 25.561, § 25.581, § 25.601, § 25.603, § 25.605, § 25.609, § 25.611, § 25.613, § 25.771(a), § 25.773(a), § 25.777, § 25.853, § 25.1301(a), § 25.1307(c), § 25.1309, § 25.1351(a), § 25.1353(a), § 25.1357(a), § 25.1360(a)(b), § 25.1431(a)(c), § 25.1529, § 25.1541(a), § 25.1581

Regulations at an intermediate amendment
§ 25.571

Regulations at the amendment level in TCDS A16WE
none

14 CFR Part 26 Regulations

Based on 14 CFR 21.101(g), applicable provision of 14 CFR part 26 are included in the certification basis. For any future 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: § 26.11, § 26.47.

END

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).