



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST04376AT

This certificate issued to: Avionics Support Group, Inc.
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: A22WE

Make: Boeing
Model: MD-10/-11/-11F Series

Description of Type Design Change:

Installation of a Cobham INMARSAT/SwiftBroadband SATCOM System in accordance with Master Data List (MDL) 215146-MDL, Rev. C, dated June 27, 2017, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modification.
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 that permission.
3. Instructions for Continued Airworthiness (ICA) document 215146-ICA, Rev. C, dated June 27, 2017 or later FAA accepted revision must be made available to the operator at the time of installation.

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: September 2, 2015

Date Reissued:

Date of Issuance: July 13, 2017

Date Amended:

By Direction of the Administrator

Signature

Title

Christina Underwood, 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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(Continuation Sheet)

Number: ST04376AT

Certification Basis:

Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Boeing MD-10/-11/-11F Series aircrafts is as follows:

- The type certification basis for the Boeing MD-10/-11/-11F Series aircrafts are shown on TCDS A22WE for parts **not changed or not affected** by the change.
- The certification basis for parts **changed or affected** by the change since the reference date of application, September 2, 2015, is based upon part 25 as amended by Amendment 25-141. Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-141

§ 25.29	§ 25.603	§ 25.605	§ 25.611	§ 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)				

Regulations at an intermediate amendment

None

Regulations at the amendment level in TCDS A22WE

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 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 regulation:
14 CFR 26.11

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