



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST04180AT

This certificate issued to: Avionics Support Group, Inc.
13155 SW 132 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:

Make: Boeing

Model:

A3WE

727-200 Series

Description of Type Design Change:

Installation of a Dual Universal UNS-1Lw Flight Management System on Boeing B727-200 Series Aircraft in accordance with Avionics Support Group, Inc. Master Data List 213049-MDL, Rev. B, dated 9/15/14, 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 213049-FMS dated October 21, 2014 or later approved revision is a required part of this STC. Instructions for Continued Airworthiness Document 213049-ICA dated Jan 20, 2014 Rev. IR 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: April 17, 2013

Date Reissued:

Date of Issuance: October 23, 2014

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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(Continuation Sheet)

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Certification Basis:

Regulations at the latest amendment 25-0 through 25-124

§ 25.29	§ 25.301	§ 25.303	§ 25.305	§ 25.307	§ 25.561	§ 25.571
§ 25.581	§ 25.601	§ 25.603	§ 25.605	§ 25.609	§ 25.611	§ 25.613
§ 25.771	§ 25.773	§ 25.777	§ 25.853	§ 25.1301	§ 25.1309	§ 25.1322
§ 25.1351	§ 25.1353	§ 25.1357	§ 25.1360	§ 25.1431	§ 25.1501	§ 25.1529
§ 25.1541	§ 25.1581					

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, 14 CFR §26.47.

END

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