

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number ST03680AT

This certificate issued to Avionics Support Group, Inc.
14291 SW 120 Street Suite 101
Miami, FL 33186

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : A20WE
Make : Boeing
Model : B747-400 Series

Description of Type Design Change:

Installation of a Rockwell Collins SAT 2000 SATCOM System in B747-400 Series Aircraft in accordance with Avionics Support Group, Inc. Master Data List 27316-MDL, Rev. A, dated 5/7/08, or later FAA approved revision.

Limitations and Conditions : This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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. This modification may not be installed after August 30, 2010, unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office. (Refer to § 26.11)

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

Date of application : February 13, 2008

Date reissued :

Date of issuance : March 17, 2009

Date amended :



By direction of the Administrator

Melvin D. Taylor
(Signature)

Melvin D Taylor
Manager, Atlanta Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

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 B747 Series is as follows:

- a. The type certification basis for Boeing Model B747 series airplanes is shown on TCDS A20WE for parts not changed or affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, December 10, 2007, is based upon part 25 as amended by Amendment 25-123. Based on Order 8110.48, the certification basis for this modification was determined to be:

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
§§ 25.1301	§§ 25.1309	§§ 25.1316	§§ 25.1351	§§ 25.1353	§§ 25.1357	§§ 25.1431
§§ 25.1529	§§ 25.1541					

Part 26 Regulations

Per 21.101(g), applicable provisions of Part 26 must be met

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.