

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number ST03009AT

This certificate issued to

Avionics Support Group, Inc.
13062 S.W. 133rd Court
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: 747-100/-200/-300

Description of Type Design Change: Installation of a Sandel Avionics ST3400 Class A Terrain Awareness and Warning System in accordance with Avionics Support Group, Inc. Master Drawing List 24598-MDL, Revision IR, dated September 24, 2004, 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 determine 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. FAA approved Airplane Flight Manual Supplement for Avionics Support Group, Inc. Sandel Avionics ST3400 Class A Terrain Awareness and Warning System dated December 22, 2004 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, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 20, 2004

Date reissued:

Date of issuance: December 22, 2004

Date amended:



By direction of the Administrator

(Signature)

Melvin D. Taylor
Manager, ACE-115A
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.