

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

*Number* ST02999AT

*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 Mode S Transponder Elementary and Enhanced Surveillance System Wiring and Control Panel in accordance with Avionics Support Group, Inc. Master Drawing List 24566-MDL, Revision A, dated June 9, 2005, 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.

*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:* June 7, 2004

*Date reissued:*

*Date of issuance:* December 9, 2004

*Date amended:* September 22, 2005



*By direction of the Administrator*

(Signature)

Melvin D. Taylor  
Manager, ACE-115A  
Atlanta Aircraft Certification Office

(Title)