

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

*Number* ST02977AT

*This certificate issued to* Avionics Support Group, Inc.  
9941 West Jessamine Street  
Miami, FL 33157

*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 :* A16WE  
*Make :* Boeing  
*Model :* 737-600/-700/-800

*Description of Type Design Change:*

Installation of the ACSS Elementary and Enhanced Surveillance capable Mode S Transponders and Flight ID capable Transponder Control Panel in accordance with Avionics Support Group, Inc. Master Drawing List 24641-MDL, Revision A, dated 4/15/05, 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. FAA approved Airplane Flight Manual Supplement ACSS Elementary and Enhanced Surveillance capable Mode S Transponders and Flight ID capable Transponder Control Panel, Report 24641-FMS, dated April 20, 2005 or later FAA 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, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application :* August 27, 2004

*Date reissued :* April 20, 2005

*Date of issuance :* November 10, 2004

*Date amended :*



*By direction of the Administrator*

*Melvin D. Taylor*  
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(Signature)

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

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(Title)