

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

*Number* ST00979CH

*This certificate issued to* ElectroSonics Division of AiRadio Corp.  
4391 International Gateway  
Columbus, OH 43219

*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 :* 737-100 Series; 737-200 Series

*Description of Type Design Change:*

Installation of dual Universal UNS-1C Flight Management Systems per Notice N8110.60, GPS as a Primary Means of Navigation for Oceanic/Remote Operations, in accordance with ElectroSonics Drawing No. ES737-101957-01, Revision 1, dated December 17, 1998 or later FAA approved revision.

*Limitations and Conditions :*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. The aircraft must be maintained in accordance with FAA Approved Maintenance Manual Supplement, document number ES737-101957-200, Initial Release, dated December 23, 1998, or later FAA approved revision in addition to the basic airplane maintenance manuals.
3. FAA Approved Flight Manual Supplement, Document number ES737-101957-100, Initial Release, dated December 23, 1998, or later FAA approved revision is a required part of this STC.
4. 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 :* August 17, 1998

*Date reissued :*

*Date of issuance :* December 23, 1998

*Date amended :*



*By direction of the Administrator*

*Charles L Smalley*  
(Signature)

Charles L. Smalley  
Manager, Systems and Flight Test Branch  
Chicago Aircraft Certification Office

(Title)