

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

*Number* ST501CH

*This certificate, issued to* ElectroSonics Division of AiRadio Corporation  
3939 International Gateway  
Columbus, Ohio 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.* (See Type Certificate Data Sheet A3EU for complete certification basis.)

*Original Product — Type Certificate Number:* A3EU  
*Make:* Raytheon Corporate Jets Inc.  
*Model:* HS. 125-700A

*Description of Type Design Change:*

Installation of AlliedSignal CAS-67A Traffic Alert and Collision Avoidance System (TCAS II) in accordance with ElectroSonics drawing ES700-100209-01, Revision 0, dated April 26, 1996, or later FAA approved drawing.

- Limitations and Conditions:*
1. FAA approved Airplane Flight Manual Supplement, Document Number ES700-100209-100, dated April 26, 1996 or later FAA approved revision is a required part of this STC.
  2. The aircraft must be maintained in accordance with FAA approved Airplane Maintenance Manual Supplement Document Number ES700-100209-200, dated April 25, 1996 or later FAA approved revision in addition to the basic Airplane Maintenance Manuals.
  3. Compatibility of this design change with previously approved modifications must be determined by the installer.

*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:* January 29, 1996

*Date issued:*

*Date of issuance:* April 26, 1996

*Date amended:*



*By direction of the Administrator*

*Charles L. Smalley*  
Charles L. Smalley (Signature)

Manager, Systems & Flight Test Branch  
Chicago 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.

This certificate may be transferred in accordance with FAR 21.47.