

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

*Number* ST116CH

*This certificate, issued to* ElectroSonics Division of AiRadio Corp.  
3939 International Gateway  
Port Columbus International Airport  
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 A22CE as amended by Special Condition No. 25-ANM-44 dated April 17, 1991, (Docket No. NM-56), for complete certification basis.

*Original Product — Type Certificate Number:* A22CE  
*Make:* Cessna  
*Model:* 500, 550, and S550

*Description of Type Design Change:*

Installation of a Bendix/King EFS-50 Electronic Flight Instrument System (EFIS) comprised of two ED-551A Electronic Flight Displays, one SG-465 Symbol Generator, one CP-467 Display Controller, one KA-163A adapter, and a Bendix/King weather radar comprised of one RS-181A weather radar RTA, and one IN-182A weather radar indicator, in accordance with ElectroSonics Installation Manual ES-550-S550-00, Revision B, dated October 8, 1993 or later FAA approved revision.

*Limitations and Conditions:*

1. 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 of those previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.
2. Airplane Flight Manual Supplement, FAA Approved on September 27, 1993, or later FAA Approved revision is required on board for operation of the modified aircraft.

*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:* July 23, 1992

*Date issued:*

*Date of issuance:* September 27, 1993

*Date amended:*



*By direction of the Administrator*

*Donald P. Michal*  
(Signature)

Donald P. Michal, Manager  
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.*