

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

*Number* ST301CH

*This certificate issued to* ElectroSonics  
4391 International Gateway  
Columbus, OH 43219-3818

*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 for complete certification basis)

*Original Product - Type Certificate Number :* A22CE  
*Make :* Cessna  
*Model :* 500, 550, S550, 560

*Description of Type Design Change:*

Installation of a Honeywell CAS-67A Traffic Alert and Collision Avoidance System (TCAS II) in accordance with ElectroSonics Top Drawing ES550-100116-01, Rev.G, dated January 14, 2004 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. FAA Approved Flight Manual Supplement, ElectroSonics Document ES550-100116-100, No Revision, dated February 22, 1995 or later FAA approved revision; or ElectroSonics Document ES550-100116-101, Revision C, dated February 19, 2004 or later FAA approved revision, is a required part of this STC.
3. The aircraft must be maintained in accordance with airworthiness limitations contained in ElectroSonics document ES550-200116-200, Revision A, dated February 19, 2004 or later FAA approved revision; or ElectroSonics Document ES550-200116-201, Revision A, dated February 19, 2004 in addition to the basic aircraft maintenance manuals. Refer to ElectroSonics Top Drawing ES550-100116-01 for correct airworthiness limitation document.
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 :* 01-09-1995

*Date reissued :* 09-06-2001 (DAS)

*Date of issuance :* 02-22-1995

*Date amended :* 10-03-2000 (DAS), 02-20-2004



*By direction of the Administrator*

*Charles L Smalley*  
\_\_\_\_\_  
(Signature)

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

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(Title)