

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

Number ST01149CH-D

This certificate issued to ElectroSonics
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. See Type Certificate Data Sheet A24CE for complete certification basis.

Original Product - Type Certificate Number : A24CE
Make : Raytheon Aircraft Company
Model : 1900, 1900C

Description of Type Design Change:

Installation of an Allied Signal CAS-66A Traffic Alert and Collision Avoidance System (TCAS I). Installed per ElectroSonics Drawing ES1900-200139-01, Rev. 1, dated May 01, 2000 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 ES1900-200139-100, Initial Release, dated May 01, 2000, or later FAA approved revision is a required part of this STC.
3. The aircraft must be maintained in accordance with FAA Approved Maintenance Manual Supplement, ElectroSonics Document ES1900-200139-200, Initial Release, dated May 01, 2000, or later FAA approved revision, in addition to the basic airplane maintenance manuals.
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 : January 31, 2000

Date reissued : May 30, 2001, August 28, 2001

Date of issuance : May 01, 2000

Date amended :



By direction of the Administrator

Tim Winiesdorffer
(Signature)

Tim Winiesdorffer
DAS Administrator, DAS 3 CH
ElectroSonics, Columbus, OH

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.