

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

Number ST00765CH

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 A3WE for complete certification basis.

Original Product - Type Certificate Number : A3WE
Make : The Boeing Company
Model : 727, 727-100, 727-100C, 727-200, 727-200F, 727C SERIES

Description of Type Design Change:

Installation of an Allied Signal CAS-67A Traffic Alert and Collision Avoidance System (TCAS II). Installed per ElectroSonics Drawing ES727-208936-01, Rev. 2, dated 08-17-01 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, Document Number ES727-208936-100, No Revision, dated October 03, 1997, or later FAA approved revision or Flight Manual Supplement, Document Number ES727-208936-101, Rev IR dated August 17, 2001 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, Document Number ES727-208936-200, Rev IR, dated October 03, 1997, 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 : August 13, 1997

Date reissued : October 18, 2002(DAS)

Date of issuance : October 03, 1997

Date amended : August 17, 2001(DAS)



By direction of the Administrator

Tim Winiesdorffer
(Signature)

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

(Title)