

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

Number ST00668CH

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.

Original Product - Type Certificate Number: A9NM

Make: Cessna

Model: 650

Description of Type Design Change:

Installation of Dual AlliedSignal GNS-XLS Flight Management System in accordance with ElectroSonics Drawing ES650-10071-01, Rev 2, dated November 11, 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 Airplane Flight Manual Supplement, Document Number ES650-10071-100, dated 04/25/97, or later FAA approved revision, or Flight Manual Supplement, Document Number ES650-10071-101 dated 12/01/2000 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, Document Number ES650-10071-200, Revision 1 dated 11/29/2000, 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.

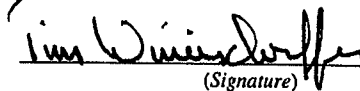
Date of application: January 14, 1997

Date of issuance: April 25, 1997

Date reissued:

Date amended: December 02, 2000(DAS)

By direction of the Administrator


(Signature)

Tim Winesdorffer.
DAS Administrator, DAS 3CH
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.