

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

Number ST00632CH

This certificate, issued to

ElectroSonics Division of AiRadio Corp.
3939 International Gateway
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 21.29 of the Federal Aviation Regulations. See Type Certificate Data Sheet A16NM for complete certification basis.

Original Product — Type Certificate Number: A16NM
Make: Israel Aircraft Industries
Model: 1125 Westwind Astra

Description of Type Design Change:

Installation of an AlliedSignal GNS-XLS Flight Management System per ElectroSonics Drawing ES1125-10031-01, Revision -, dated August 27, 1996 or later FAA approved revision.

- Limitations and Conditions:*
1. The Aircraft must be maintained in accordance with FAA approved Maintenance Manual Supplement document number ES1125-10031-200, dated March 6, 1997, or later FAA approved revision in addition to the basic Airplane Maintenance Manuals.
 2. FAA approved Flight Manual Supplement Document number ES1125-10031-100, dated March 6, 1997, or later FAA approved revision is a required part of this STC.
 3. Compatibility of this design change with previously approved modifications must be determined by the installer.

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 16, 1996

Date issued:

Date of issuance: March 6, 1997

Date amended:



By direction of the Administrator

Charles L. Smalley
Charles L. Smalley, Manager
Systems and Flight Test Branch
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.

This certificate may be transferred in accordance with FAR 21.47.