

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

Number ST317CH

This certificate, issued to ElectroSonics Division of AiRadio, Corp.
3939 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 A12EA for complete certification basis.)

Original Product — Type Certificate Number: A12EA

Make: Gulfstream

Model: G1159, G1159A, G1159B

Description of Type Design Change:

Installation of Bendix/King CAS-66A Traffic Alert and Collision Avoidance System (TCAS I), in accordance with ElectroSonics drawing ES1159-10398-01, Revision 3, dated March 29, 1995 or later FAA approved drawing.

Limitations and Conditions: 1. FAA approved Flight Manual Supplement, ElectroSonics P/N ES1159-10398-011, dated March 29, 1995 or later FAA approved revision is required on board for operation of the modified aircraft. 2. Compatibility of this design change with previously approved modifications must be determined by the installer. 3. In addition to the normal aircraft maintenance procedures, the airplane must be maintained per Maintenance Manual Supplement, ElectroSonics P/N ES1159-10398-200, No Revision, dated March 29, 1995.

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 9, 1995

Date issued:

Date of issuance: March 29, 1995

Date amended:



By direction of the Administrator

Carl F. Mittag (Signature)
Manager, Systems & 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.