

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

Number ST584CH

This certificate, issued to ElectroSonics Division of AiRadio Corporation
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 of the Federal Aviation Regulations. (See Type Certificate Data Sheet A46EU for complete certification basis.)

Original Product — Type Certificate Number: A46EU
Make: Dassault Aviation
Model: Mystere-Falcon 50

Description of Type Design Change:

Installation of Dual AlliedSignal GNS-XLS Flight Management Systems in accordance with ElectroSonics drawing ESF50-10046-01, No Revision, dated October 25, 1996, or later FAA approved drawing.

- Limitations and Conditions:*
1. FAA approved Flight Manual Supplement, Document number ESF50-10046-100, dated November 27, 1996, or later FAA approved revision is a required part of this STC.
 2. The Aircraft must be maintained in accordance with FAA approved Maintenance Manual Supplement document number ESF50-10046-200, dated November 27, 1996, or later FAA approved revision in addition to the basic Airplane Maintenance Manuals.
 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: October 7, 1996

Date issued:

Date of issuance: November 27, 1996

Date amended:



By direction of the Administrator

Charles L. Smalley
(Signature)

Charles L. Smalley
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.