

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

Number SA00282BO

This Certificate issued to Avidyne Corporation
55 Old Bedford Road
Lincoln, Massachusetts 01773

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 23 of the Federal Aviation Regulations.

Original Product Type Certificate Number :

See attached FAA Approved Model List (AML), Document No. AVIFD-006, Rev 05, or later FAA approved revision, for the list of approved airplane models, applicable installation data requirements, and specific limitations.

Make :

Model :

Description of Type Design Change:

Installation of Avidyne Corporation Entegra Integrated Flight Display System in accordance with Avidyne Corporation Master Document List referenced on the attached AML, or later FAA-approved revisions.

System installation consists of:

- 1) Two Avidyne Integrated Flight Displays (IFDs), p/n 700-00083-(-).
- 2) Avidyne IFD software Release 9.2 or later FAA approved version.
- 3) Avidyne Control/Display Unit, p/n 700-00150-(-).
- 4) Avidyne Magnetometer/OAT Sensor p/n 700-00011-(-) for the right side IFD.
- 5) Optional Becker Mode C transponder p/n ATC 4401-2-250 or Mode S Transponder p/n BXP 6402-1R-01.
- 6) Optional PS Engineering Audio Panel p/n 050-890-0402.
- 7) Other ancillary equipment such as antennas, cable assemblies, circuit breaker panels, etc.

Limitations and Conditions:

(Limitations and Conditions continued on Page 3 of 3)

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 17, 2005

Date reissued :

Date of issuance : April 24, 2009

Date amended : October 12, 2010, February 18, 2011



By direction of the Administrator

(Signature)

Robert G. Mann
Manager
Boston Aircraft Certification Office

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA00282BO

February 18, 2011

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to (*Name of transferee*) _____

(*Address of transferee*) _____

(*Number and street*)

(*City, State, and ZIP code*)

from (*Name of grantor*) (*Print or type*) _____

(*Address of grantor*) _____

(*Number & street*)

(*City, State, and ZIP code*)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (*In ink*): _____

Supplemental Type Certificate

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Limitations and Conditions: (continued from Page 1 of 3)

1. Operation must be in accordance with the applicable Avidyne Corporation Aircraft Flight Manual Supplement (AFMS) referenced on the attached AML, or later FAA-approved revision.
The AFMS must be carried in the aircraft during all flights.
2. Maintenance must be in accordance with the applicable Instructions for Continued Airworthiness (ICA) referenced on the attached AML, or later FAA accepted revision.
The ICA must be made available to the operator at the time of installation.
3. Compatibility of this design with previously approved modifications must be determined by the installer.

Certification Basis:

See attached FAA Approved Model List (AML), Document No. AVIFD-006, Rev 05, or later FAA approved revision for the Certification Basis.

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.

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