

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

*Number* SA00281BO

*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. AVMLX-003, Revision 03, or later FAA approved revisions for  
*Make :* the list of approved airplane models, applicable installation data requirements, and specific limitations.  
*Model :*

*Description of Type Design Change:*

Installation of Avidyne Corporation Iridium Satellite Datalink and Weather System in accordance with the Master Document List (MDL) referenced on the attached AML, or later FAA-approved revision.

System installation consists of:

- 1) Avidyne Model MLX770 Transceiver, p/n 700-00163-( ).
- 2) Iridium Satellite Antenna, p/n as stated in Installation Manual (IM) Document No. 600-00204-000, Revision 03, or later FAA approved revision.
- 3) Optional Avidyne Mounting Tray, p/n 700-00165-000.

*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 :* July 30, 2008

*Date reissued :*

*Date of issuance :* November 18, 2008

*Date amended :* April 24, 2012



*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* SA00281BO

April 24, 2012

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.

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## 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

(Continuation Sheet)

*Number* SA00281BO

April 24, 2012

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

1. There is no Avidyne Corporation Aircraft Flight Manual Supplement (AFMS) for the Avidyne Corporation Iridium Satellite Datalink Weather System.
2. Maintenance must be in accordance with the applicable Instructions for Continued Airworthiness (ICA) as stated in the Master Document List (MDL) 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. Iridium Satellite antenna installation in accordance with Installation Manual (IM) Document No. 600-00204-000, Revision 03, or later FAA approved revision, is approved only for non-pressurized metallic structure certified to 14 CFR Part 23 §23.305 Amendment 23-45 or earlier and to §23.613 Amendment 23-45 or earlier.
4. Display interface installation is approved only for those compatible displays stated in Installation Manual (IM) Document No. 600-00204-000, Revision 03, or later FAA approved revision.
5. 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. AVMLX-003, Revision 03, 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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