

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

*Number* SA00290BO

*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. AVMFD-509, Rev 01, dated December 2, 2009, or later FAA approved revisions for the list of approved airplane models and applicable regulations.  
*Make:*  
*Model:*

*Description of Type Design Change:*

Installation of Avidyne Corporation Part Number 700-00167-XXX Multi-Function Display and Mounting Tray Assembly Part Number 700-00168-XXX in accordance with Avidyne Corporation Master Document List, Document No. AVMFD-506, Revision 00, dated December 2, 2009, or later FAA-approved revisions.

*Limitations and Conditions:*

1. The MFD integrates with separately approved system installations. Adherence to the limitations in the appropriate Aircraft Flight Manual Supplements for those systems is mandatory.
2. Instructions for Continued Airworthiness (ICA), Avidyne Corporation Document AVMFD-083, Revision 10, dated October 20, 2009 or later FAA accepted revision shall 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.

... See continuation sheet 3 ...

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.

*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:* September 11, 2009

*Date reissued:*

*Date of issuance:* January 12, 2010

*Date amended:*



*By direction of the Administrator*

(Signature)

Robert G. Mann  
Manager  
Boston Aircraft Certification Office

(Title)

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*Certification Basis*

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for non significant changes in FAA Order 8110.48, the certification basis for installation of the Avidyne 700-00167-XXX Multi-Function Display and 700-00168-XXX Mounting Tray Assembly in the aircraft listed on the Approved Model List is as follows:

- a. The particular aircraft type certification basis in the Approved Model List for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, September 11, 2009, is based on 14 CFR Part 23 as amended by amendment 23-57 except for certain rules as identified below:

14 CFR 23.301 [amdt 23-48], paragraph (a),(b),(c),(d), 23.303[amdt orig], 23.305[amdt 23-45], paragraph (a), (b), 23.307[amdt orig], paragraph (a), 23.561[amdt 23-48], paragraph (a),(b),(b3), 23.771[amdt 23-14], paragraph (a), 23.773 [amdt 23-45] paragraph (a)(2), 23.777[amdt 23-51], paragraph (a),(b), 23.1301[amdt 23-20], paragraph (a),(b),(c),(d), 23.1309[amdt 23-49], paragraph (a), a(1), a(1)(i), a(1)(ii), a(2), (b), (e), 23.1311[amdt 23-49], paragraph (a), a(1), a(2), 23.1321[amdt 23-49], paragraph (a), 23.1322[amdt 23-43], paragraph (b), (d), (e), 23.1357[amdt 23-43], paragraph (a), (a)(2), (b), (c), c(1), 23.1359[amdt 23-49], paragraph (c), 23.1365[amdt 23-49], paragraph (a), (b), (d), (e), (f), 23.1381[amdt orig], paragraph (a), (b), 23.1431[amdt 23-49], paragraph (a), (b), 23.1501[amdt 23-21], paragraph (a), (b), 23.1529[amdt 23-26], 23.1547 [amdt 23-20] paragraph (e), 23.1555[amdt 23-50], paragraph (a), 23.1581[amdt 23-50], paragraph (a), a(1), a(2), (b), b(2), b(2)(i), b(2)(ii), b(3), (f), 23.1583[amdt 23-50], paragraph (m), 23.1585[amdt 23-50], paragraph (j).

....END....