

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

Number SA00072BO

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 3/23 of the Civil Air/Federal Aviation Regulations.

Original Product Type Certificate Number : 2A3
Make : Mooney Aircraft Corporation
Model : M20C, D, E, F, G, J, K, L, M, R

Description of Type Design Change:

Installation of Avidyne Corporation Model 5RR-MFC-XXX-() Multifunctional Flight Computer and Ryan International Corporation TCAD Model 9900B Traffic Alert and Collision Device in accordance with Avidyne 5RR-MFC-XXX-() Master Document List, Document No. 910-00004-000, Rev. 05, November 14, 2000, or later FAA-approved revision.

Limitations and Conditions:

1. Avidyne Corporation, Airplane Flight Manual Supplement for Mooney Aircraft Company Models M20C, D, E, F, G, J, K, L, M, R aircraft, Document No. 600-0052-00, Rev. B, FAA-approved November 16, 2000, or later FAA-approved revision, is required with this modification.

(See STC Continued Sheet Page 2)

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 : February 24, 1997

Date reissued :

Date of issuance : July 25, 1997

Date amended : April 15, 1999; March 29, 2000
November 16, 2000



By direction of the Administrator

Robert G. Mann
(Signature)

Robert G. Mann
Manager, Boston Aircraft Certification Office

(Title)

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(Continuation Sheet)

Number SA00072BO

Date Amended: November 16, 2000

Limitations and Conditions (Cont'd)

2. Avidyne Charts is an electronic aid to situational awareness designed to facilitate the use of approved navigational charts, not to replace them.
3. This approval should not be incorporated in any aircraft of this specific model on which other previously approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the aircraft.

....END....

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.