

Supplemental Type Certificate

Number SA01982NY-D

This certificate, issued to Delta Engineering
13 DRBA Way
New Castle County Airport
New Castle, Delaware 19720

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: 2A3
Make: Mooney
Model: M20J

Description of Type Design Change:

Installation of Garmin International GNS-530 COM/NAV/GS/GPS and GMA-340 Audio system with Marker Beacon in accordance with Delta Engineering Master Data List 0126-05421-2081, Revision -, dated Mar. 21, 2005 or later FAA approved revisions to Delta Engineering Master Data List previously listed.

Limitations and Conditions:

1. Delta Engineering Instructions for Continued Airworthiness document 0726-05424-2081, Revision A dated Mar. 21, 2005.
2. Delta Engineering Airplane Flight Manual Supplement for Mooney M20J, Document 0626-05423-2081, Revision -, FAA approved May 04, 2005, is required for this installation.
3. If the holder agrees to permit another person to use the certificate to alter the product, the holder shall give the other person written evidence of that permission.
4. 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 surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 24, 2004

Date reissued: December 11, 2008

Date of issuance: May 04, 2005

Date amended:



By direction of the Administrator

Anthony Socias

(Signature)

Anthony Socias
Manager, New York 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.

This certificate may be transferred in accordance with FAR 21.47

United States of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST01982NY-D

Date of re-issuance: December 11, 2008

Certification Basis:

Based on Title 14 CFR §§21.115 and 21.101, the certification basis for the Mooney, M20J aircraft with the Garmin International GNS-530 COM/NAV/GS/GPS and GMA-340 Audio System with Mark Beacon is as follows:

- a. The type certification basis for the Mooney M20J airplane is as shown on the TCDS 2A3 for parts not listed below.
- b. Certification basis for this alteration is Title 14 CFR Part 23 including amendments 23-1 through 23-55 for the following:
 - i. 23.301, 23.303, 23.305, 23.307, 23.321, 23.337, 23.341, 23.561, 23.601, 23.603, 23.605, 23.609, 23.611, 23.613, 23.619, 23.625, 23.1301, 23.1307, 23.1309, 23.1321, 23.1322, 23.1351, 23.1357, 23.1367, 23.1431, 23.1529, 23.1581, 23.1583, 23.1585

=====END=====

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