



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA2277CE

This certificate issued to: Griggs Aircraft Refinishing, LLC.
17 Runway Road
Tunkhannock, PA 18657

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product – Type Certificate Number: 2A3
Make: Mooney
Model: M20F, M20J

Description of Type Design Change:

1. Installation of Fuel Bladder Cells in wet wing fuel cavities in accordance with the following:
 - a. Configuration 1: O & N Aircraft Modifications Inc., Installation Drawing List B-400, original release, dated July 30, 1987, revised September 11, 1987, or later FAA Approved revision; Report B-200 Installation Instructions, dated August 14, 1987; and Report B-300 Maintenance Instructions, dated August 14, 1987.
 - b. Configuration 2: O & N Installation Drawing List No. B-600, Revision A, dated July 28, 1995, and Report B-300 Maintenance Instructions, dated November 15, 2003.

(See Description of Type Design Change continued on Page 3 of 3)

Limitations and Conditions:

1. Configuration 3: Configuration 1 is a pre-requisite and must be installed prior to or in conjunction with configuration 3.
2. The installer must determine whether this design change is compatible with previously approved modifications.
3. If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: June 13, 1986	Date Reissued: April 4, 1988, March 12, 1997, May 4, 2015, June 8, 2015, October 15, 2015, June 22, 2016
Date of Issuance: September 11, 1987	Date Amended: September 29, 1995, December 22, 2003

By Direction of the Administrator

Signature _____

Title Raymond H. Reinhardt
Acting Manager
New York Aircraft Certification Office

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this 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: SA2277CE

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

Number: SA2277CE

Date Reissued: June 22, 2016

Description of Type Design Change (continued):

1. c. Configuration 3: O & N Installation Drawing List B-400a, Revision A, dated January 24, 2003, and Report B-300 Maintenance Instructions, dated November 15, 2003.
2. FAA Approved Flight Manual Supplements:
 - a. Configuration 1: O & N Aircraft Modifications Inc. Airplane Flight Manual Supplement for Mooney Aircraft Models M20F, dated 9/11/87 (up to S/N 700004) or Airplane Flight Manual Supplement for Mooney Aircraft Model M20F and M20J, dated 9/11/87 (M20F S/N 700005 and above).
 - b. Configuration 2: O & N Flight Manual Supplement No. 14 for Mooney Aircraft Models M20F and M20J, dated 9/29/95 (covers M20F S/N 700005 and above); Supplemental Flight Manual No. 15 for Mooney Aircraft Model M20F (covers S/N 680002 through 700004), dated 9/29/95.
 - c. Configuration 3: O & N Flight Manual Supplemental No. 73A for Mooney Aircraft Model M20F, dated December 22, 2003 (applicable to M20F S/Ns 660002 through 660004, 670001 through 670363, 670387 through 670482, 670484 through 670539, 680001 through 680206, 690003 through 690090, 690092, 700001 through 700004); Flight Manual Supplemental No. 72A for Mooney Aircraft Models M20F and M20J, dated December 22, 2003 (applicable to M20F S/Ns 700005 through 700061, 700063 through 700066, 700070 through 700072A, 22-0001 and on; M20J S/Ns 24-0002 through 24-2999) are required.

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