

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

Number SA3540NM

This Certificate issued to Paul E. Loewen
dba Lake Aero Styling and Repair
900 F. Sky Park Drive
Lakeport, California 95453

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 of the Civil Air Regulations.*

*See Aircraft Specification No. 2A3 for complete certification basis.

Original Product Type Certificate Number: 2A3

Make: Mooney

Model: M20 and M20A, B, C, D, E, F, G, J, K, L, M, R, S, TN

Description of Type Design Change: Installation of modified nose gear bushings in accordance with Lake Aero Styling and Repair Drawing List, Report No. 122A, Revision "NC", dated September 19, 1986, or later FAA approved revision.

Part 1 of Report 122A, addressing installation of nose gear truss oversized bushings, parts are manufactured in accordance with Lake Aero Styling and Repair drawings: L025-914007, Revision "NC", dated June 4, 1986, and L025-REAM-628, Revision "A", dated September 19, 1986;

Part 2 of Report 122A, addressing installation of oversize bushings for landing gear and retraction system, parts are manufactured in accordance with Lake Aero Styling and Repair drawings: L025-SK, Revision "C", dated October 15, 2011, L025-914007-013-005-AB, Revision "IR", dated October 15, 2011, L025-914020-005-AB, Revision "IR", dated October 10, 2011, and L025-914007-005-AB, Revision "IR", dated October 10, 2011.

Limitations and Conditions: The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted airplane model series only. A copy must be included in the permanent records of the modified aircraft. 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: November 18, 1985

Date reissued: August 21, 2013

Date of issuance: November 21, 1986

Date amended: September 3, 2004; May 30, 2013

By direction of the Administrator



(Signature)

Supervisor, Technical & Administrative
Support Staff
Los Angeles 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.

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Supplemental Type Certificate
(Continuation Sheet)

Number (STC No.)

Limitations and Conditions continued

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