

Department of Transportation Federal Aviation Administration

## Supplemental Type Certificate

*Number* SA01439SE*This certificate, issued to***Micro AeroDynamics, Inc  
4000 Airport Rd, Suite D  
Anacortes, WA 98221**

*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:* M20, M20A, M20B, M20C, M20D, M20E, M20F, M20G, M20J, M20K, M20L, M20M, M20R, M20S, and M20TN

*Description of the Type Design Change:* Installation of vortex generators on the wings and tail surfaces of the above model aircraft in accordance with Micro AeroDynamics Drawing Package MA2198, Revision A, dated October 19, 2012, and Installation Manual MA2199, Revision A, dated October 19, 2012, or later Federal Aviation Administration (FAA) approved revision to either of these documents.

*Limitations and Conditions:* Approval of this change in type design applies to the above aircraft only. This approval should not be extended to other aircraft on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate and Instructions for Continued Airworthiness, Micro AeroDynamics Document MA0666, Revision A, or later FAA-accepted revision must be maintained as part of the permanent records for the modified aircraft.

NOTE: If more than five vortex generators are damaged or missing, the aircraft is not airworthy.

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:* May 11, 2004

*Date reissued:*

*Date of issuance:* August 4, 2004

*Date amended:* November 19, 2012



*By direction of the Administrator*

(Signature)

Acting Manager, Seattle 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.