United States of America
Department of Transportation_Federal Aviation Administration

Supplemental Type Certificate

Number SA01681SE

This certificate, issued to

Micro AeroDynamics, Inc.
4000 Airport Road, Suite D
Anacortes, WA 98221

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: *See attached FAA Approved Model List (AML)
Make: No. SA01681SE for a list of approved airplane
Model: models and applicable airworthiness regulations

Description of the Type Design Change: Installation of vortex generators on the wings, horizontal and vertical tail surfaces (all models), and an increase in maximum zero fuel weight (PA-34-200T and PZL M20 03 only) in accordance with FAA-approved Micro AeroDynamics, Inc. Drawing Package MA2212, Revision A, dated August 14, 2006, and Installation Manual MA2213, Revision A, dated October 6, 2006, or later FAA-approved revisions to these documents.

NOTE: If more than five vortex generators are damaged or missing, the aircraft is not airworthy.
The increase in maximum zero fuel weight (PA-34-200T and PZL M20 03 only) is also applicable to installations done in accordance with Installation Manual MA2213, Revision IR dated May 15, 2006

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 FAA-Approved Flight Manual Supplement MA2215 Revision IR dated October 25, 2006 (PA-34-200T and PZL M20 03 only) must be maintained as part of the permanent records for 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: March 17, 2006
Date of issuance: June 16, 2006

Date reissued:
Date amended: October 25, 2006

By direction of the Administrator
Thomas E. Archer, II

(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.

FAA FORM 8110-2(10-68)