United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA00443SE

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 21 *of the* Federal Aviation *Regulations.*

Original Product—Type Certificate Number: A47EU
Make: PZL-Mielec
Model: PZL M18, M18A, M18B

Description of the Type Design Change: Installation of Vortex Generators on the wings, installation of fuselage strakes, and removal of stall strips per Micro AeroDynamics drawing package MA2087, Revision IR, dated April 15, 1997, and Installation Manual MA2088, Revision A, dated May 1, 1997, or later FAA approved revisions.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. Additionally if more than 5 vortex generators are damaged or missing, the aircraft is not to be considered airworthy. This modification is also compatible with airplanes that have been modified by STC SA01276AT which allows an increase in gross weight to 11,700 pounds. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

The STC holder will provide a written permission statement to each person it authorizes to use this certificate to alter the product.

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: April 24, 1997
Date of issuance: May 28, 1997

Date reissued:
Date amended:

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.

FAA FORM 8110-2(10-68)