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United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA00147SE

This certificate, issued to **Aeronautical Testing Service, Inc.
18820 59th Drive NE
Arlington, WA 98223**

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: A9CE
Make: Cessna
Model: 188B, A188B, and T188C

Description of the Type Design Change: Installation of vortex generators mounted on the wings, and (optional) "split flaps" mounted on the lower trailing edge of the inboard "stub" wing in accordance with an FAA approved copy of Aeronautical Testing Service, Inc. Drawing List No. ATS-188, Revision "B" dated June 20, 1995, or later FAA approved revision.

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 by the installer 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. A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft.

The ATS modification consists of ninety (90) vortex generators mounted on the wings. If more than six (6) vortex generators are missing or damaged, or if one of the (optional) "split flaps" is missing or damaged, the aircraft is not airworthy and must be repaired before flight.

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: September 22, 1994
Date of issuance: November 17, 1994

Date reissued:
Date amended: May 29, 1996



By direction of the Administrator
Adrian Pao

(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.