United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA5900NM

This certificate, issued to Aeronautical Testing Service, Inc.

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.* *

Original Product — Type Certificate Number: A7CE

Make: Cessna

Model: See AML

Description of Type Design Change: Installation of a vortex generator system to improve the low speed performance, in accordance with Drawing List ATS-414, Revision A, dated September 30, 1992, or later FAA approved revision.

Option 1: No change in V_{MCA} and stall speeds and no take-off weight increase; no AFMS required.

Option 2: Reduced V_{MCA} and stall speeds and take-off weight increase; AFMS required per AML.

Note: For model 414 aircraft only, this STC is compatible with RAM STC's SA2354SW, SA4379SW, SA7570SW, and SA8054SW.

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 this model 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. A copy of this Certificate, and Approved Model List dated January 29, 1993, must be maintained as part of the permanent records for the modified aircraft.

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: July 16, 1992

Date of issuance: January 29, 1993

Date reissued:

Date amended:

By direction of the Administrator

(Signature)

Manager, Special Certification Branch
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)