United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number **SA00329SE**

This certificate, issued to **Aeronautical Testing Service, Inc.**
18820 59th Drive N.E.
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 3 *of the* Civil Air *Regulations.*

Original Product—Type Certificate Number: A7CE

Make: Cessna

Model: 421 and 421A

Description of the Type Design Change: Installation of vortex generators on the wings and vertical stabilizer of these acraft in accordance with an FAA approved copy of Aeronautical Testing Service Drawing List No. ATS-421B, Revision "B", dated March 26, 1996, or later FAA approved revision, and Installation Manual No. IM96-1, dated March 26, 1996, or later FAA approved revision.
NOTE: This installation does not include changes to the airplane stall speed, minimum control speed, rudder deflection angle, or maximum gross weight. Therefore, no Supplemental Airplane Flight Manual (SAFM) was deemed necessary.

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. (See Continuation Sheet, page 3 of 3).

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 18, 1996

Date of issuance: April 19, 1996

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)

Supplemental Type Certificate

(Continuation Sheet)

Number SA00329SE

Limitations and Conditions (continued):

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

Other Limitations: The ATS modification consists of one hundred (100) vortex generators mounted on the wings and vertical tail. If more than six vortex generators are missing or damaged, the aircraft is not airworthy and must be repaired before flight.

-END-

Any alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.