United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA4327NM

This certificate, issued to Turbotech, 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: 3A24

Make: Cessna

Model: A185F, Landplane Only

Description of Type Design Change: Installation of an AVCO Lycoming Model TIO-540-V2AD engine and Hartzell HC-C3YR-1RF/F7854 propeller in accordance with FAA sealed copy of Turbotech, Inc. Report No. 1854-2, dated April 11, 1988.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Cessna model A185F aircraft, Serial Number 18502971, Registration Number N4492R only. The modified airplane must be operated in accordance with FAA Approved Supplemental Airplane Flight Manual, dated July 29, 1988, or later FAA approved revision. A copy of this Certificate, Continuation Sheet, and FAA Approved Supplemental Aircraft Flight Manual 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: October 29, 1987

Date reissued:

Date of issuance: June 15, 1988

Date amended: July 29, 1988

By direction of the Administrator

David G. Hinrich

(Signature)

Manager, Seattle Aircraft Modification Branch

(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)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA4327NM

LIMITATIONS AND CONDITIONS: (continued)

Noise Level

The noise level of this modified airplane is equal to that of the installation of this same engine and propeller combination on Cessna Model A185F airplane S/N 18503703, R/N N8443Q, approved via STC No. SA4000NM.

No determination has been made by the Federal Aviation Administration that the noise levels of this airplane are or should be acceptable or unacceptable for operating at, into, or out of, any airport.

The above statement notwithstanding, the noise level has been verified by comparative means to be satisfactory for this installation and is approved by the Federal Aviation Administration in accordance with FAR 36, noise standards - Aircraft Type and Airworthiness Certification. This aircraft is in compliance with all FAR 36 noise standards applicable to this type.

- END -

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 8110-2-1 (10-69)