United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA496NW

This certificate, issued to LEMEN AIRCRAFT SERVICE

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.*, Dated November 1, 1949.

Original Product — Type Certificate Number: A-799

Make: Cessna

Model: 170B

Description of Type Design Change: Installation of a Lycoming O-360-A1A, McCauley IA200/FA 82-43 propeller, and associated changes in accordance with Lemen Aircraft Service Drawing List L-100.

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 170B, Serial Number 25933 only. A copy of this Certificate, Addendum SA496NW, and FAA Approved Flight Manual Supplement shall be maintained as a 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: April 6, 1977

Date reissued:

Date of issuance: August 8, 1977

Date amended:

By direction of the Administrator

(Signature)

Chief, Engineering and Manufacturing 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)

August 8, 1977 *Number* SA496NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA496NW

The conditions and limitations of the original specification apply except as follows:

This Addendum, which is part of Supplemental Type Certificate SA496NW, prescribes conditions and limitations under which the STC was issued and meets the airworthiness requirements of Civil Air Regulation 4a.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Lemen Aircraft Service

I. CESSNA 170B (LANDPLANE-NORMAL CATEGORY) AS MODIFIED BY STC SA496NW

Engine:	Lycoming O-360-A1A
Engine Limits:	180 HP at 2700 RPM
Fuel:	91/96 or 100/130
Propeller:	McCauley IA200/FA 82-43
Propeller Limits:	180 HP at 2700 RPM
Serial Number Eligible:	25933 only
Airspeed Limits:	Same as specified in Data Sheet A-799 except for DOOR PLACARD
Maximum Weight:	2200 pounds
Powerplant Markings:	Same as specified in Data Sheet E-286-13
Placards:	Install a placard overhead the jump door to read:

PILOT OPERATED ONLY. DO
NOT OPEN ABOVE 80 MPH IAS

- END -

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

FAA FORM 8110-2-1 (10-69)

This certificate may be transferred in accordance with FAR 21.47.