STC BOOK

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA1198NW

This certificate, issued to William N. Gough

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.* November 1, 1949 as amended by 3-1 through 3-8.

Original Product—Type Certificate Number: 5A6

Make: Cessna

Model: 180

Description of Type Design Change: Installation of a Continental O-470-R or Continental O-470-S engine, a Hartzell HC-82VF-1DB/8833-0 or McCauley 2A34C203/90DCA-2 propeller, a 10" Scott tailwheel, the battery relocated to the floor underneath the pilot's seat, and associated systems in accordance with William N. Gough photographs 1 through 3.

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 180, Serial Number 30164 only. A copy of this certificate and Addendum No. SA1198NW shall 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: January 21, 1981

Date of issuance: March 23, 1981

Date reissued:

Date amended: October 10, 1989

By direction of the Administrator

Stewart R Miller

(Signature)

Assistant 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)

United States of America
Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

March 23, 1981 *Number* SA1198NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA1198NW

The conditions and limitations of Type Certificate Data Sheet Number 5A6 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA1198NW, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: William N. Gough

1. CESSNA 180 (LANDPLANE-NORMAL CATEGORY) AS MODIFIED BY STC SA1198NW

Engine:	Continental O-470-R or Continental O-470-S
Engine Limits:	230 Hp @ 2600 rpm
Fuel:	80/87 minimum grade aviation gasoline
Propeller and Propeller Limits:	1. Hartzell constant speed propeller (for O-470-R engine only) Hub HC-82VF-1DB, Blades 8833 Diameter: not over 88 in., not under 86 in. Pitch settings at 30 in. sta.: low 12°, high 24° or 28° 2. McCauley constant speed propeller Hub 2A34C203, Blades 90DCA-2 Diameter: not over 88 in., not under 86.5 in. Pitch settings at 30 in. sta.: low 10.0°, high 24.5°
Serial Number Eligible:	30164 ONLY

ALL ELSE THE SAME AS TYPE CERTIFICATE DATA SHEET 5A6

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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.*