United States of America

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Number SA2086NM

This certificate, issued to Rocky C. Younger

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: 3A13

Make: Cessna

Model: 172K

Description of Type Design Change: Installation of a Lycoming o-360-A2F and a Sensenich 76EM8S5-0-60 per FAA sealed Mr. Rocky Younger Photographs thru 5.

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 172K, Serial Number 17257816 only. A copy of this Certificate 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: 03/09/83

Date of issuance: 04/21/83

Date reissued:

Date amended:

By direction of the Administrator

(Signature)

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.

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Supplemental Type Certificate

(Continuation Sheet)

April 21, 1983 *Number* SA2086NM

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA2086NM

The conditions and limitations of Type Certificate Data Sheet Number 3A13 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA2086NM, prescribes the conditions and limitations under which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Rocky C. Younger

CESSNA 172K 4 PCL-SM (NORMAL CATEGORY) AS MODIFIED BY STC SA2086NM

Engine:	Lycoming O-360-A2F
Engine Limits:	180 Hp @ 2700 rpm (Takeoff), full throttle 2700 rpm (Maximum Continuous) full throttle
Fuel:	91/96 or 100/130 minimum octane aviation gasoline
Propeller and Propeller Limits:	Sensenich 76EM8S5-0-60 Diameter: 76" maximum; 76" minimum
Placards and Markings:	Install placard in full view of the pilot to read:

AVOID CONTINUOUS OPERATION
BETWEEN 2150 AND 2350 RPM.

Change octane markings by fuel tank ports to read:

MIN. GRADE AVIATION GASOLINE
91/96 OR 100/130

- 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.*