

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA716NW

This certificate, issued to Logan and Reavis Air 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 11, 1949.

Original Product — Type Certificate Number: 1A10
Make: Piper
Model: PA-23-250

Description of Type Design Change: Installation of two Hartzell HC-E3YR-2ATF/FC7663-2R propellers with number D3273P spinners on Lycoming TIO-540-C1A engines in accordance with Logan and Reavis Air Service photographs 1 and 2.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Piper PA-23-250, Serial Number 27-4618 only. A copy of this Certificate, Addendum No. SA716NW, and FAA Approved Airplane Flight Manual Supplement 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 3, 1979

Date issued:

Date of issuance: March 13, 1979

Date amended:



By direction of the Administrator
Charles C. Schroeder
(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.

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Supplemental Type Certificate
(Continuation Sheet)

March 13, 1979 *Number* SA716NW

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA716NW

The conditions and limitations of Type Certificate Data Sheet Number 1A10 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA716NW, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations.

I. PIPER MODEL PA-23-250 (NORMAL CATEGORY) AS MODIFIED BY STC SA716NW

Engines: Two Lycoming TIO-540-C1A
Engine Limits: 250 Hp at 2575 rpm
Fuel: 91/96 octane aviation gasoline
Propeller and
 Propeller Limits: Two Hartzell HC-E3YR-2ATF/FC7663-2R
 Diameter: Not over 76"; Not under 75"
 310 Hp @ 2800 rpm - take off and maximum continuous
 power
 Spinner - Two Hartzell spinners No. D3273P

Airspeed Limits: No change from Data Sheet 1A10

Placards: None

- END -

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