

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

Number SA00283BO

This certificate issued to

Cedric M. Abbott
66 Gesner Rd.
Buckfield, ME 04220

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: 1A1
Make: Piper
Model: PA-16

Description of Type Design Change:

Installation of Lycoming O-320-A, -A1B, -A2A, -A2B, -A2C, -C1A, -C1B, -C2A or -C2B engine and Sensenich 74DM6 propeller in accordance with Cedric M. Abbott Report 08-20/1, Instructions for Continued Airworthiness, rev. A, dated August 28, 2008, or later FAA-approved revisions.

Limitations and Conditions:

1. Cedric M. Abbott Flight Manual Supplement for Piper PA-16, dated February 23, 2009, or later FAA-approved revisions, is required and must be carried in the aircraft during all flights.
2. This installation is to be maintained in accordance with Cedric Abbott Report 08-20/1 Instructions for Continued Airworthiness, rev. A, dated August 28, 2008, or later FAA-approved revisions.
3. Compatibility of this design with previously approved modifications must be determined by the installer.

If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

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 : December 23, 2007

Date reissued :

Date of issuance : February 27, 2009

Date amended :



By direction of the Administrator

(Signature)

Robert G. Mann
Manager
Boston Aircraft Certification Office

(Title)

United States of America
Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate
(Continuation Sheet)

Number SA00283B0

This STC amends TCDS 1A1 as follows:

Engine: Lycoming O-320-A1A, -A1B, -A2A, -A2B, -A2C, -C1A, -C1B, -C2A or -C2B

Propeller and Propeller Accessories

Propeller – Sensenich 74DM6

Static r.p.m. at max. permissible throttle setting:

Not over 2450, not under 2250

No additional tolerance permitted

Diameter: Not over 74 inches, not under 72 inches

End