

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

Number SA02087CH

This certificate issued to Professional Pilots Inc.
12304 West 165th Ave.
Lowell, IN 46356

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.
(See Type Certificate Data Sheet No. 1A2 for complete certification basis)

Original Product - Type Certificate Number : 1A2

Make : The New Piper Aircraft, Inc.

Model : PA-18, PA-18A, PA-18S, PA-18AS series aircraft with
Lycoming O-320 or O-360 engines.

Description of Type Design Change:

Installation of MT-Propeller model MTV-15-C/200-50 or MTV-15-B/210-58 constant speed propeller in accordance with Professional Pilots Inc. Applicability List #SUTN501MT, dated 12/20/04, or later approved revision and Professional Pilots Inc. Installation Instructions #SUTN502MT, dated 12/20/04, or later approved revision.

Limitations and Conditions :

1. Compatibility of this design change with previous modifications must be determined by the installer.
2. Aircraft must be previously modified in accordance with Professional Pilots Inc. Sutton Exhaust System STC ST01920CH, or other approved means to allow adequate clearance for propeller governor installation.
3. This STC only applies to those engines which are capable of being modified to accommodate a constant speed propeller in accordance with Lycoming Service Instruction No. 1435.
4. MT MTV-15-C/200-50 propeller is also applicable to above listed aircraft which have been previously modified with 160 H.P. engines in accordance with Crosswinds STOL STC SA682AL or other approved means.
5. MT MTV-15-B/210-58 propeller is applicable to above listed aircraft which have been previously modified with 180 H.P. engines in accordance with STC SA36RM or other approved means.
6. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall 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 : March 18, 2004

Date reissued :

Date of issuance : March 22, 2005

Date amended :



By direction of the Administrator

(Signature)

Thaddeus D. Krolicki, Jr.
Manager Propulsion Branch
Chicago Aircraft Certification Office

(Title)