

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

Number SA03024CH

This certificate issued to
Hartzell Propeller Inc
One Propeller Place
Piqua, OH 45601

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: 2A3
Make: Mooney Aircraft
Model: M20R, M20S, and M20TN

Description of Type Design Change:

Installation of Hartzell Propeller models PHC-J3YF-1RF/7498() 3 bladed metal propeller. Modification of aircraft in accordance with Minnis Aviation Installation Instructions No. M2011-3, Revision IR, dated 10/25/11 or later. FAA Approved revision. This STC may be used with previously modified aircraft that incorporate STC Nos SA02482CH, SA02483CH, or SA02988AT.

Limitations and Conditions:

- 1) The installer must determine whether this design change is compatible with previously approved modifications.
- 2) 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.
- 3) The approved Mooney models shall be maintained in accordance with Minnis Aviation LLC Report M2011-9, Instruction for Continued Airworthiness, dated 10/25/11 or later FAA accepted revision.
- 4) The approved Mooney models shall be operated in accordance with Minnis Aviation LLC Report M2011-8, Airplane Flight Manual Supplement, dated 10/25/11 or later approved FAA revision.

...End...

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: July 20, 2011

Date reissued: March 23, 2015

Date of issuance: December 7, 2011

Date amended:



By direction of the Administrator

Original Signed By:
Christopher Richards

(Signature)

Christopher Richards
Acting Manager, Propulsion Branch
Chicago 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.