

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

*Number* SA02282AK

*This Certificate issued to:* Stoots Aviation  
David A. Stoots  
3686 University Avenue So.  
Fairbanks, Alaska 99709

*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 \* of the Civil Air Regulations.*

*Original Product - Type Certificate Number:* \* \* Refer to FAA Approved Model List (AML)  
Number SA02282AK, Rev. A, dated  
*Make:* \* December 14, 2015, for a list of approved  
airplane models and applicable airworthiness  
*Model:* \* regulations.

*Description of Type Design Change:* Installation of Lycoming Engine Models IO-360-A1A, -A1B, -A1B6, -M1A, or -M1B; Hartzell propeller models HC-C2YR-1BF/F7666A()/F8477(), HC-C2YR-1N/NG8301(), or MT-Propeller Model MTV-15-() and associated modified powerplant components, in accordance with Master Data List, DSA 175-1, Rev. E, dated September 15, 2015, or later FAA approved revisions.

*Limitations and Conditions:*

1. Compatibility of this modification with other FAA approved modifications, on the specific aircraft being altered, must be evaluated by the installer.
2. The aircraft must be equipped with Airplane Flight Manual Supplement/Supplemental Airplane Flight Manual, DSA 170-172-175-1301, Rev. B, dated December 14, 2015, or later FAA approved revision.
3. Maintained in accordance with Instructions for Continued Airworthiness, DSA-170-172-175 ICA, Rev. B, dated December 2, 2014, or later FAA accepted revision.
4. 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.
5. Hartzell propeller model HC-C2YR-1N/NG8301() is approved on Lycoming engine models IO-360-A1B6, IO-360-M1A, and IO-360-M1B only.
6. This installation is compatible with Superior Air Parts Cold Air Induction System (CAIS) Supplemental Type Certificate No. SE02409AK.

*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 29, 2003

*Date reissued:* September 3, 2008

*Date of issuance:* December 12, 2006

*Date amended:* April 19, 2010; December 14, 2015



*By direction of the Administrator*

(Signature)

August A. Asay  
Manager, Anchorage 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.