

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

Number SA02519AK

This Certificate issued to Beringer Aero USA, Inc.
PO Box 672358
Chugiak, AK 99567

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Civil Air Regulations.

Original Product Type Certificate Number: 1A2
Make: Piper Aircraft, Inc.
Model: PA-18, PA-18S, PA-18"105" (Special), PA-18S"105" (Special), PA-18A, PA-18 "125" (Army L-21A), PA-18S"125", PA-18AS"125", PA-18"135" (Army L-21B), PA-18A"135", PA-18S"135", PA-18AS"135", PA-18"150", PA-18A"150", PA-18S"150", PA-18AS"150", PA-19 (Army L-18C), PA-19S

Description of Type Design Change:

Manufacture replacement wheels and brakes in accordance with Beringer Master Drawing List MDL-STC-019.1, Revision IR, dated March 15, 2019, or later FAA approved revision. Install in accordance with Beringer Instructions for Continued Airworthiness and Installation Instructions ICA-STC-019, Revision A, dated February 15, 2019, or later FAA accepted revision.

Limitations and Conditions:

- 1) Installation of tires larger than those specified on TCDS 1A2 will require additional approval.

Limitations and Conditions continued on Continuation Sheet

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: October 4, 2018


Date reissued:

Date of issuance: May 23, 2019

Date amended:



By direction of the Administrator


(Signature) X

August A. Asay
Manager, Anchorage ACO Branch

(Title)

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(Continuation Sheet)

Limitations and Conditions (Continued):

- 2) This STC has been found compatible with the following STCs for heavy-duty landing gear with a 1.5" axle and a six-bolt pattern on the backing plate attachment: SA02175AK, SA02236AK and SA02373AK.
- 3) For Instructions for Continued Airworthiness, refer to Instructions for Continued Airworthiness and Installation Instructions, Revision A, dated February 15, 2019, or later FAA accepted revision.
- 4) The installer must determine whether this design change is compatible with previously approved modifications.
- 5) 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.

Certification Basis:

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis is as follows:

- a. The type certified basis for parts not changed or not affected by the change is shown on TCDS 1A2 Revision 38, dated August 7, 2006.
- b. The modification certification basis for parts changed or affected by the change since the reference application date, October 4, 2018, is based upon 14 CFR part 23, amendment 23-62, effective January 31, 2012, except for the following:

Compliance shown to CAR 3.727, as amended November 1, 1949, in lieu of 23.1435(a), (b).

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