



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

Number: **SA02725SE**

This certificate issued to: **Absolute Solutions LLC**
13565 S Carus Road
Oregon City, OR 97045

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 Code of Federal Regulations.

Original Product **A19SO**
Type Certificate Number:

Make: Piper Aircraft, Inc.

Model: PA-44-180 models

Description of Type Design Change:

Installation of Absolute Solutions LLC Gear Warning System Upgrade in accordance with the Master Drawing List (MDL) No. ASGWS-MDL-000, Rev. IR, dated August 25, 2020, and Installation Manual (IM) No. ASGWS-IM-000, Rev. IR, dated January 9, 2020, or later Federal Aviation Administration (FAA) approved revisions. Maintained in accordance with the Instructions for Continued Airworthiness (ICA) No. ASGWS-ICA-000, Rev. 1, dated August 3, 2021 or later FAA-accepted revision. Operated in accordance with the AFMS, No. ASGWS-AFMS-000, Rev. IR, dated June 7, 2021 or later FAA-approved revision.

Limitations and Conditions:

This STC is applicable to serial numbers SN 44-7995001 through 44-8195026, 4495001 through 4495013, 4496001 through 4496216.

This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined by the installer that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate, ICA, Installation Manual, and AFMS, must be maintained as part of the permanent records of the modified aircraft.

If the holder agrees to permit a person to use this certificate to alter a product, the holder must give this 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: September 30, 2019 Date Reissued: February 22, 2023

Date of Issuance: September 2, 2021 Date Amended:

By Direction of the Administrator

SANDRA M

Signature: **BOWN**

Digitally signed by SANDRA M
BOWN
Date: 2023.02.28 08:54:44
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For Acting Manager, Seattle ACO

Title: Branch

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).