

STC SA02760SE

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DOCUMENT NUMBER: ASGH-ICA-000

TITLE: Gear Horn Upgrade

Instructions for Continued Airworthiness

REVISION: IR

DATED: 4/21/2022

Log of Revisions:

Revision Level	Revision Date	Reason
IR	4/21/2022	Initial Revision

AIRWORTHINESS LIMITATIONS

The Airworthiness Limitations section is FAA approved and specifies maintenance required under Secs. 43.16 and 91.403 of Title 14 of the Code of Federal Regulations unless an alternative program has been FAA approved. Airworthiness limitations associated with this type design change listed below.

- None

G23.1 General

This section constitutes the required Instructions for Continued Airworthiness.

This document can be obtained by via download at absoluteavsolutions.net

G23.2 Format

This manual section forms the Absolute Solutions LLC Gear Horn Upgrade Instructions for continued airworthiness.

G23.3 Content

The contents of this manual is presented in the English language.

- (a) Airplane maintenance manual or section

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Introduction

The Absolute Solutions LLC Gear Horn Upgrade is an FAA-Approved alternative to the factory gear horn PN 565-288. The horn beeps at a frequency of 180 beeps/min when the aircraft is in an UNSAFE gear configuration.

System Components and Description

The Absolute Solutions LLC Gear Horn Upgrade is comprised gear horn PN AS-GHBA-1 and mounting hardware which utilizes existing mounting provisions of original gear horn. The installation replaces the existing flasher and gear horn.

System Operation

The gear horn is mounted under the instrument panel on a bracket utilizing existing mounting holes of original gear horn.

Maintenance instructions

Scheduled maintenance

Every 100hrs or Annually

- Visually inspect gear horn and attach wires for security
- Operationally check gear warning horn in same manner as prescribed in the applicable Piper PA-44-180 maintenance manual 761-664 or 761-892 100 hour check list. In maintenance manual 761-892, utilize SN 496001-469216 method

(1) Procedural instructions

Aircraft must be on Jacks to troubleshoot gear warning system issues.

Troubleshooting

Trouble	Cause	Remedy
Gear horn fails to operate	Faulty horn	Replace horn if aircraft battery voltage and ground are present at horn
	Faulty wiring	Inspect wiring connections and correct any broken or damaged wires/connections.

