Service Letter SL-0020

Epic Aircraft, LLC 22590 Nelson Road Bend OR 97701
Phone: 541-318-8849 ◆ Fax: 541-382-5125 ◆ Web: www.epicaircraft.com

Subject: Passenger Door Gas Strut End Thread Lock

ATA-Code: 52-10

Labor: 1 hour

Effectivity: K004-K011

Affected Model(s): E1000, E1000 GX

Due: Upon Condition

Compliance: Recommended

Recurrence: No

1 BACKGROUND AND PURPOSE:

Early passenger/crew door gas strut ends have been known to loosen with regular use, causing the passenger door to become unaligned over time. This service letter provides a solution to keep the strut ends from loosening.

2 REFERENCES:

Epic E1000 Airframe Maintenance Manual, PN SK05000000.

3 WARRANTY:

For aircraft under warranty, parts and labor will be covered by Epic Aircraft, LLC if the work is performed within the compliance period and at an Authorized E1000 Service Center.

4 APPROVAL:

The engineering aspects of this service document have been shown to comply with the applicable Federal Aviation Regulations and are FAA approved.

5 TOOLS:

No.	Description	Qty	Epic Aircraft Supplied	Customer Supplied
1.	Basic Hand Tools	A/R	☐	☒

6 PARTS/MATERIALS:

No.	Part Number	Description	Qty	Epic Aircraft Supplied	Customer Supplied
1.	LOCTITE 263	Threadlocking Adhesive	A/R	☐	☒

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7 INSTRUCTIONS:

1. Open passenger door.
2. Remove gas struts (refer to the E1000 AMM PN SK05000000, chapter 52-10).
3. Remove the strut end seen in Figure 1.
4. Apply a small amount of Loctite 263 to the strut threads.
5. Reinstall the strut end.
6. Reinstall gas struts (refer to the E1000 AMM PN SK05000000, chapter 52-10).
7. Close passenger door.

8 TABLES AND FIGURES:

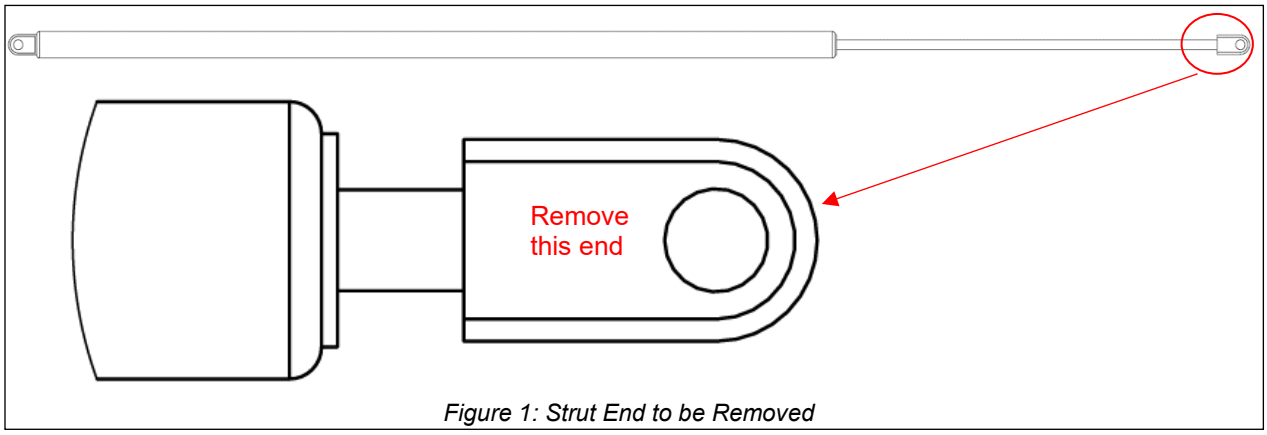

Figure 1: Strut End to be Removed

9 WEIGHT AND BALANCE:

N/A

10 PUBLICATIONS AFFECTED:

N/A

11 RECORD COMPLIANCE:

Make appropriate entry in airplane maintenance records.

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Appendix A: Compliance Letter

Please complete and mail this form to Customersupport@epicaircraft.com

This is to certify that I have completed the work in accordance with the Epic Aircraft, LLC Service Instruction.

Aircraft Owner Information:
Date: _____ Aircraft Serial Number: _____ Aircraft Reg. Number: _____ Owner's Name: _____
Maintenance Entity Information
Name of Shop Performing the work: _____ Name of Person(s) Performing inspection and/or work: _____ Phone Number: _____ Email: _____