Service Letter SL-0019

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

Subject: Exhaust Duct Drain Plug Drilling

ATA-Code: 71-70

Labor: 4.0 Hours

Effectivity: K003 and On

Affected Model(s): E1000, E1000 GX

Due: On next Annual

Compliance: Recommended

Recurrence: No

1 BACKGROUND AND PURPOSE:

This service letter explains the process to modify the MS9902-4 threaded plug used in the exhaust drain of the PT6-67A. This is being done to make the compressor wash process easier by allowing for it to be done without removing the lower cowl on post production aircraft.

2 REFERENCES:

Epic E1000 Aircraft 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.	P-37	Anti-seize paste, Molykote	A/R	☐	☒

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7 INSTRUCTIONS:

1. Read all instructions before beginning any work.
2. Set the BATT 1 and BATT 2 switches to OFF.
3. Remove all external electrical power to the airplane (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, chapter 24-40).
4. Remove the engine cowls (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, chapter 71-10).
5. Locate and remove MS9902-04 plug and 3023431 gasket (see Figure 1).
6. Drill a 3/16” hole through the center of the MS29902-04 plug, deburr the hole to remove sharp edges.
7. Apply a small amount of anti-seize paste to MS9902-04 plug threads.
8. Reinstall existing 3023431 gasket and plug together.
9. Torque to 65-75 in-lbs.
10. Safety cable or wire using MS20995C32 or equivalent.
11. Reinstall engine cowls (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, chapter 71-10).

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8 FIGURES AND TABLES:

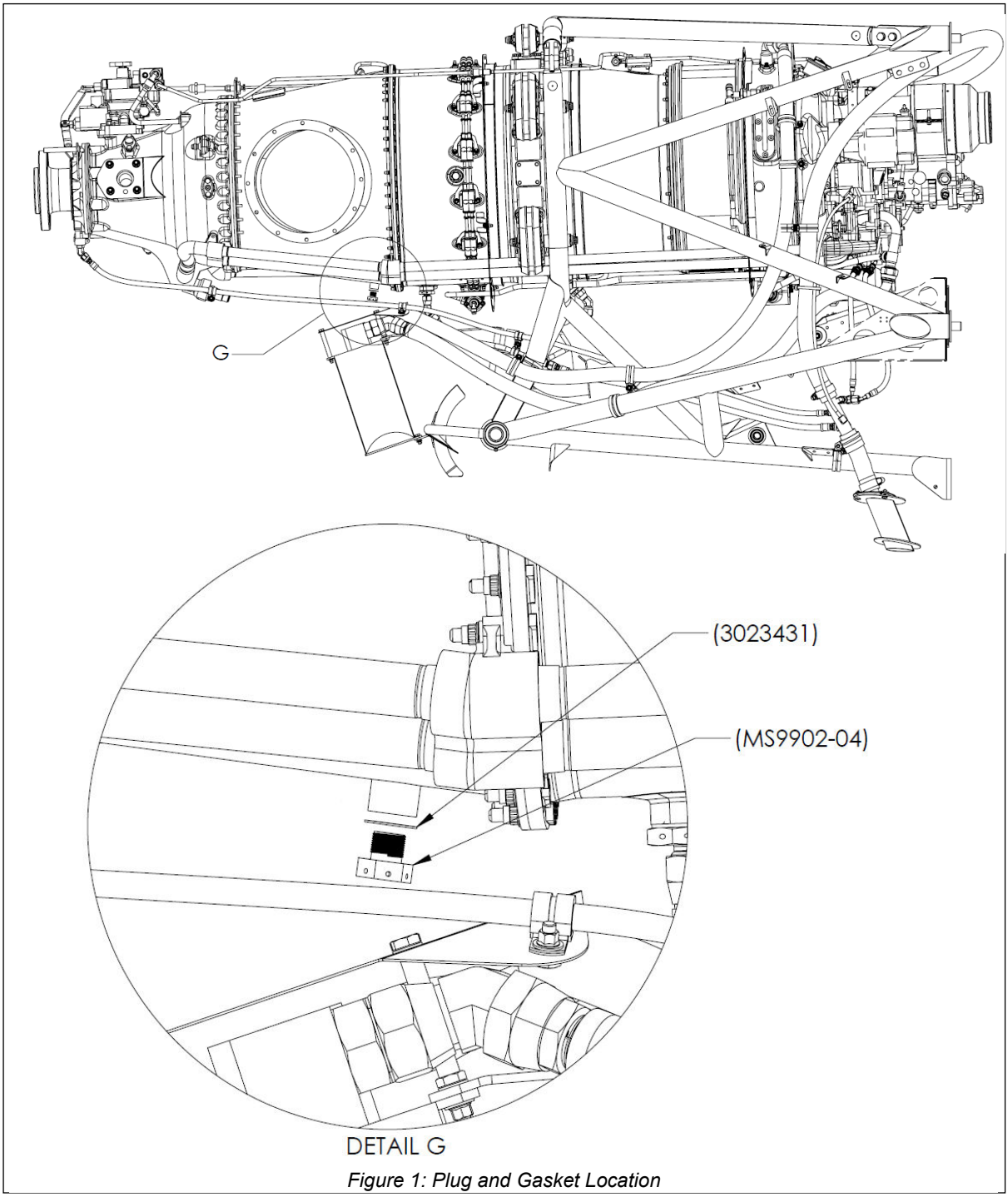


Figure 1: Plug and Gasket Location

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9 WEIGHT AND BALANCE:

N/A

10 PUBLICATIONS AFFECTED:

Epic E1000 Aircraft Maintenance Manual, PN SK05000000

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: _____