Service Bulletin SB-0032

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

Subject: Hydraulic Hose Replacement

ATA-Code: 29-10

Labor: 3.0 hours

Effectivity: K003-K010, K012-K021, K023, and K025-K028

Affected Model(s): E1000, E1000*GX*

Due: Within 10 hours TIS.

Compliance: Mandatory

Recurrence: No

1 BACKGROUND AND PURPOSE:

It has been found on affected aircraft that the hydraulic pressure hose between the hydraulic pump and noise suppressor may not have been manufactured correctly.

This Service Bulletin gives instructions to replace the hydraulic hose with the correct design.

2 REFERENCES:

Epic E1000 Aircraft Maintenance Manual P/N 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 by a properly certificated Airframe and Power Plant mechanic or FAA approved repair station.

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 REVISION:

B – If the original issue or revision A of this Service Bulletin was previously complied with, compliance with revision B is not required.

- Changed due time to 10 hours TIS.

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6 TOOLS:

No.	Description	Qty	Epic Aircraft Supplied	Customer Supplied
1.	Common hand tools	AR	☐	☒

7 PARTS/MATERIALS:

No.	Part Number	Description	Qty	Epic Aircraft Supplied	Customer Supplied
1.	AE1010966G0101	Hydraulic Hose	1	☒	☐
*	3164J005-6CR-0101	-	-		
*	3164F005-6CR-0101	-	-		
*	M66000206-0101	-	-		
*	66000206-0101S	-	-		
*	M37000206-0101	-	-		
*	37000206-0101S	-	-		
2.	MIL-PRF-83282 or MIL-PRF-87257	Hydraulic fluid.	A/R	☒	☐
*Alternate Part Number					

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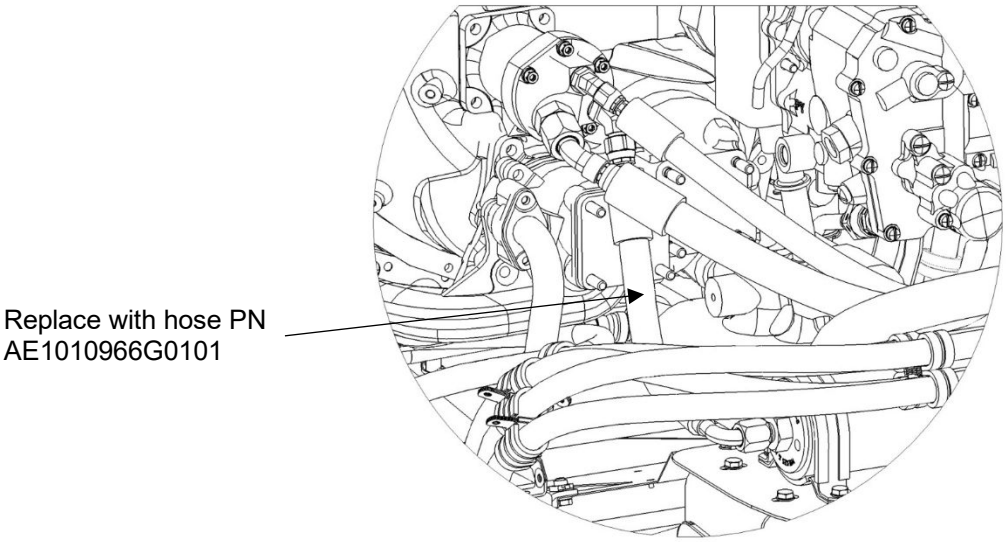
8 INSTRUCTIONS:

1. Set the BATT 1 and BATT 2 switches to OFF.
2. Remove all external electrical power from the airplane (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, Chapter 24-40).
3. Remove the engine cowls (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, Chapter 71-10).

   WARNING: Use caution when loosening the hose, some residual pressure may remain. Crack the line slowly and use a towel to collect any fluid that may drain.
4. Inspect the hydraulic pressure hose part number. Refer to Figure 1.
   a. If the AE1010966G0101 is installed, no further action is required.
   b. If the AE1010966G0101 is NOT installed, proceed to the next step.
5. Remove and discard the hydraulic pressure hose between the hydraulic pump and the noise suppressor, P/N AE2463532G0101.
6. Lubricate the threads with hydraulic fluid and install the replacement hose, P/N AE1010966G0101.
7. Torque the fittings to 270-300 in.lbs.
8. Check the hydraulic fluid level and service as needed (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, Chapter 12-10).
9. Ground run the engine and do a leak check of the hydraulic line (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, Chapter 71-00.4.F-H, S, and T)).
10. Install the engine cowls (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, Chapter 71-10).

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FIGURE 1: Hydraulic Hose Replacement



9 WEIGHT AND BALANCE:

Negligible

10 PUBLICATIONS AFFECTED:

Epic E1000 Aircraft Maintenance Manual P/N SK05000000
Epic Illustrated Parts Catalog P/N SK05000004

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 Bulletin.

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: _____