Service Letter SL-0021

Technical Portions FAA Approved

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

Subject: Enviro Systems Pressurization Control eKAPS Data Collection

ATA-Code: 21-30

Labor: 1 hour

Effectivity: K003 and on

Affected Model(s): E1000 and E1000GX

Due: Upon Condition

Compliance: Optional

Recurrence: No

1 BACKGROUND AND PURPOSE

This service letter provides instructions to monitor and collect pressurization system operational data for troubleshooting and system functional verification in flight.

2 REFERENCES

Epic E1000 Airframe Maintenance Manual, PN SK05000000.

Envirosystems eKAPS II RS-232 Maintenance Software Instructions, MK00000006.

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 REVISION

Original Revision

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6 TOOLS

No.	Description	Qty	Epic Aircraft Supplied	Customer Supplied
1.	Windows Based Laptop Computer	A/R	☐	☒
2.	eKAPS Serial Interconnect Harness	A/R	☐	☒

7 PARTS/MATERIALS

No.	Part Number	Description	Qty	Epic Aircraft Supplied	Customer Supplied
1.	N/A	N/A	N/A	☐	☐

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8 INSTRUCTIONS

1. Remove aft pressure bulkhead finish panel to gain access to connector P549, eKAPS maintenance port (refer to Epic E1000 Aircraft Maintenance Manual PN SK05000000, Chapter 25-50).
2. Connect computer to pressurization controller via connector P549 using eKAPS Serial Interconnect harness per MK00000006.
3. Fly a normal flight profile and record pressurization controller data.

Note:
It is permissible to operate with aft pressure bulkhead finish panel not installed.

4. Disconnect computer from P549.
5. Reinstall aft pressure bulkhead finish panel (refer to Epic E1000 Aircraft Maintenance Manual PN SK05000000 Chapter 25-50).
6. Send data to Epic Aircraft Customer Support.

9 TABLES AND FIGURES

N/A

10 WEIGHT AND BALANCE

N/A

11 PUBLICATIONS AFFECTED

N/A

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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: _____