



Service Bulletin SB-0017

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: E1000 to E1000 GX Upgrade

ATA-Code: N/A

Labor: -

Effectivity: K003 – K004

Affected Model(s): E1000

Due: At the owner's discretion.

Compliance: Optional

Recurrence: No

1 **BACKGROUND AND PURPOSE:**

This Service Bulletin provides instructions to upgrade the Epic E1000 (SN: K003-K004) to the Epic E1000 GX, including the Garmin GFC 700 Automated Flight Control System (AFCS) and the Hartzell 5-bladed composite propeller.

2 **REFERENCES:**

Epic E1000 Aircraft Maintenance Manual P/N SK05000000

Garmin G1000 NXi Line Maintenance Manual for the Epic E1000, P/N 190-02330-01

3 **WARRANTY:**

Parts and labor costs for this Service Bulletin are at the owner's expense.

4 **TOOLS:**

<u>No.</u>	<u>Description</u>	<u>Qty</u>	<u>Epic Aircraft Supplied</u>	<u>Customer Supplied</u>
1.	Common hand tools.	A/R	☐	☒
2.	Hoist	1	☐	☒
3.	Propeller Sling	1	☐	☒
4.	Hydraulic Aircraft Jacks, 10,000lb capacity.	3	☐	☒
5.	Lifting Pins, PN FK07100001	3	☐	☒
6.	Hydraulic Service Cart, (MIL-PRF-83282 or MIL-PRF-87257) 2500 psi, 3.5 gpm capacity.	1	☐	☒
7.	Air Data Test Set	1	☐	☒
8.	Safe Flight Force Gauge Applicator (FGA)	1	☐	☒
9.	Stall Computer Breakout Box PN: SK100360	1	☐	☒
10.	Digital Multimeter	1	☐	☒
11.	Digital Level	1	☐	☒
12.	Transponder Test Set	1	☐	☒
13.	VHF NAV/COM, ILS Test Set	1	☐	☒

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5 PARTS/MATERIALS:

<u>No.</u>	<u>Part Number</u>	<u>Description</u>	<u>Qty</u>	<u>Epic Aircraft Supplied</u>	<u>Customer Supplied</u>
1.	-	Refer to FK000000000	-	☒	☐

6 INSTRUCTIONS:

- A) Incorporate the current revision of drawing package FK000000000.
- B) Provide the owner with the latest revision of the following documents:
1. E1000 GX Aircraft Flight Manual (AFM), document number SK05001001
 2. E1000 GX Quick Reference Checklist (QRC), document number RK05001001
 3. Hartzell Propeller Owner's Manual and Logbook, manual No. 147
 4. Garmin G1000 NXi Pilot's Guide for the Epic E1000 GX, P/N 190-02289-01
 5. Garmin G1000 NXi Cockpit Reference Guide for the Epic E1000 GX, P/N 190-02290-01

7 WEIGHT AND BALANCE:

Calculate a new Weight & Balance, refer to FK000000000.

8 PUBLICATIONS AFFECTED:

N/A

9 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: _____

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