Service Instruction SI-0023

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

Subject: Firewall Blanket Patch

ATA-Code: 71-30

Labor: 3.0 Hours	**Effectivity:** K018
Affected Model(s): E1000	**Due:** Next scheduled maintenance event.
Compliance: Mandatory	**Recurrence:** No

1   BACKGROUND AND PURPOSE:

While complying with SB-0028, extra firewall blanket material was inadvertently removed at the lower edge of the firewall blanket in the nose landing gear well.

This Service Instruction gives directions to patch the firewall blanket.

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 alteration data provided in this service bulletin is approved by the FAA.

5   TOOLS:

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

6   PARTS/MATERIALS:

No.	Part Number	Description	Qty	Epic Aircraft Supplied	Customer Supplied
1.	PPG PR-1995 Class B	Firewall Sealant	1	☒	☐
2.	FK71300017	Custom Firewall Blanket Patch	1	☒	☐

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7   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. Clean the area the patch will be installed with isopropyl alcohol.

    NOTE: Do a dry run to check fit the patch before using sealant to position it on the firewall blanket. Make sure there is a 0.50" overlap around the trimmed area of the firewall blanket.
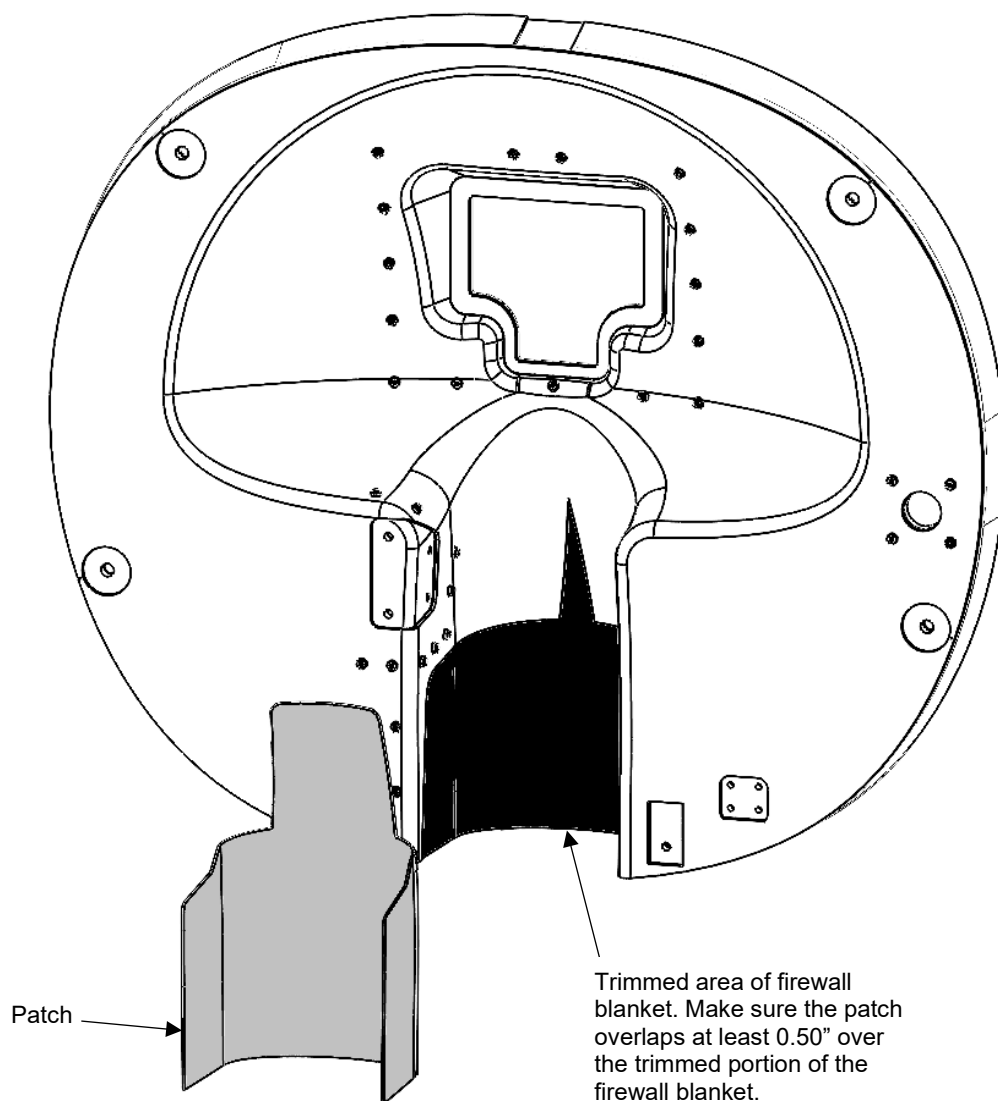
4. Use PR-1995 on the patch and firewall to secure the firewall blanket patch in position.

5. Make sure the patch has a 0.50" overlap with the firewall blanket and is flush with bottom surface of fuselage. Trim the firewall blanket with a razor blade as needed.

    NOTE: The blanket must be flush with the fuselage skin.

6. Seal the trimmed edge of the blanket using PR-1995 Class B firewall sealant.

7. Complete SB-0028.

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Figure 1: Firewall Blanket Patch

Patch

Trimmed area of firewall blanket. Make sure the patch overlaps at least 0.50" over the trimmed portion of the firewall blanket.

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8   WEIGHT AND BALANCE:

Negligible

9   PUBLICATIONS AFFECTED:

N/A

10   RECORD COMPLIANCE:

Make appropriate entry in airplane maintenance records.

EPIC AIRCRAFT

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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: _____