



Service Bulletin SB-0026

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

Subject: Firewall Blanket Inspection

ATA-Code: 71-30

Labor: 1.0 Hour

Effectivity: K003 – K029
(without SB-0028)

Affected Model(s): E1000, E1000 GX

Due: Prior to the next flight.

Compliance: Mandatory

Recurrence: Prior to and after each flight.

1 **BACKGROUND AND PURPOSE:**

It has been found the firewall blanket fit may be allowing the nose landing gear wheel and/or tire to contact it when retracted.

This Service Bulletin gives directions to inspect the firewall blanket in the areas that may have contact from the nose wheel/tire prior to and after each flight for the next 200 hours TIS. This inspection may be performed by an appropriately rated pilot.

Note: This Service Bulletin is not required if SB-0028 has been complied with.

2 **REFERENCES:**

Epic E1000 Aircraft Maintenance Manual P/N SK05000000

3 **WARRANTY:**

N/A

4 **APPROVAL:**

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

Issued	Revised	Revision	Page
01-19-2022	09-16-2022	B	Page 1 of 8



Service Bulletin SB-0026

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5 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	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	Flashlight	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>

6 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.	-	Isopropyl Alcohol	A/R	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	MS24665-361	Pin, Cotter, Cad Steel Ø .125 x 2.25	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Issued	Revised	Revision	Page
01-19-2022	09-16-2022	B	Page 2 of 8



Service Bulletin SB-0026

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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).

NOTE: This inspection may be performed by an appropriately rated pilot.

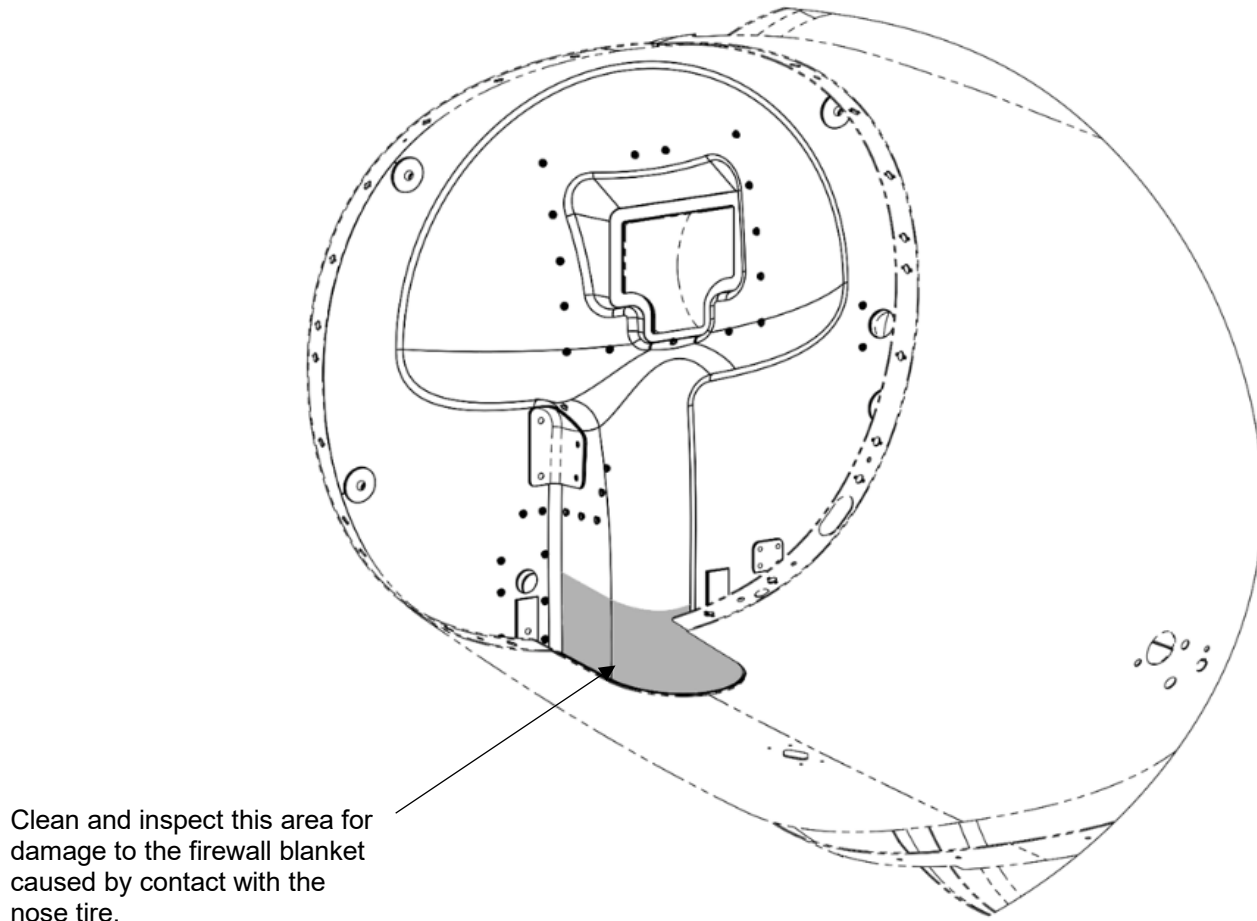
3. Clean the firewall blanket with isopropyl alcohol and inspect it for damage. Make sure to clean any areas that appear to have had contact with the nose wheel or tire. It is acceptable for the aluminized coating to be missing. Contact Epic Aircraft if any tears through the blanket are found, refer to Figure 1.

NOTE: Refer to figure 2-4 for examples of acceptable wear.

4. Inspect the nose wheel axle cotter pin for correct installation as follows:
 - a. The outboard bent prong of the cotter pin should be bent around into the axle to prevent contact with the firewall blanket. Bend the prong into the axle if needed.
 - b. Alternately, the cotter pin (PN: MS24665-361) can be installed using the alternate method to allow for additional clearance (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, chapter 20-50).
5. Step (3) of this inspection is to be performed prior to and after each flight for no more than the next 200 hours TIS. Further flight is not allowed if there are tears that go through the blanket or if 200 hours TIS has been reached.

Issued	Revised	Revision	Page
01-19-2022	09-16-2022	B	Page 3 of 8

Figure 1: Firewall Blanket Inspection



6.

Issued	Revised	Revision	Page
01-19-2022	09-16-2022	B	Page 4 of 8

Figure 2: Firewall Blanket Inspection – View Left Side



Issued	Revised	Revision	Page
01-19-2022	09-16-2022	B	Page 5 of 8

Figure 3: Firewall Blanket Inspection – View Aft



Issued	Revised	Revision	Page
01-19-2022	09-16-2022	B	Page 6 of 8

Figure 4: Firewall Blanket Inspection – View Right Side



Issued	Revised	Revision	Page
01-19-2022	09-16-2022	B	Page 7 of 8



Service Bulletin SB-0026

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8 WEIGHT AND BALANCE:

N/A

9 PUBLICATIONS AFFECTED:

N/A

Issued	Revised	Revision	Page
01-19-2022	09-16-2022	B	Page 8 of 8