



# Service Letter SL-0015

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

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**Subject:** Windshield Edge Seal Replacement

**ATA-Code:** 56-10

**Labor:** 4.0 Hours

**Effectivity:** K003 – K042

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

**Due:** On Condition

**Compliance:** Recommended

**Recurrence:** No

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## **1 BACKGROUND AND PURPOSE:**

It has been found on affected aircraft that the windshield edge seal may become brittle and deteriorate prematurely.

This Service Letter gives instructions to replace the windshield perimeter seal with a more flexible sealant.

## **2 REFERENCES:**

Epic E1000 Airframe Maintenance Manual, PN 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 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:**

This is the original issue of this Service Letter.

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## 6 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.	Non-metallic scraper	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## 7 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.	PR-1425	Windshield Sealant	A/R	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.	-	Isopropyl Alcohol	A/R	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	-	Masking Tape	A/R	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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## 8 INSTRUCTIONS:

1. Set the BATT 1 and BATT 2 switches to OFF.
2. Remove external electrical power from the airplane (refer to Epic E1000 Aircraft Maintenance Manual, PN SK05000000, chapter 24-40).
3. Mask the outer perimeter of the windshield and fuselage/center post adjacent to the windshield to protect the work area, refer to Figure 1.

**CAUTION:** Use extreme care when removing the body filler to not damage the windshield. Cut a paint line at the edge of the body filler along the fuselage to avoid creating chips in the fuselage paint.

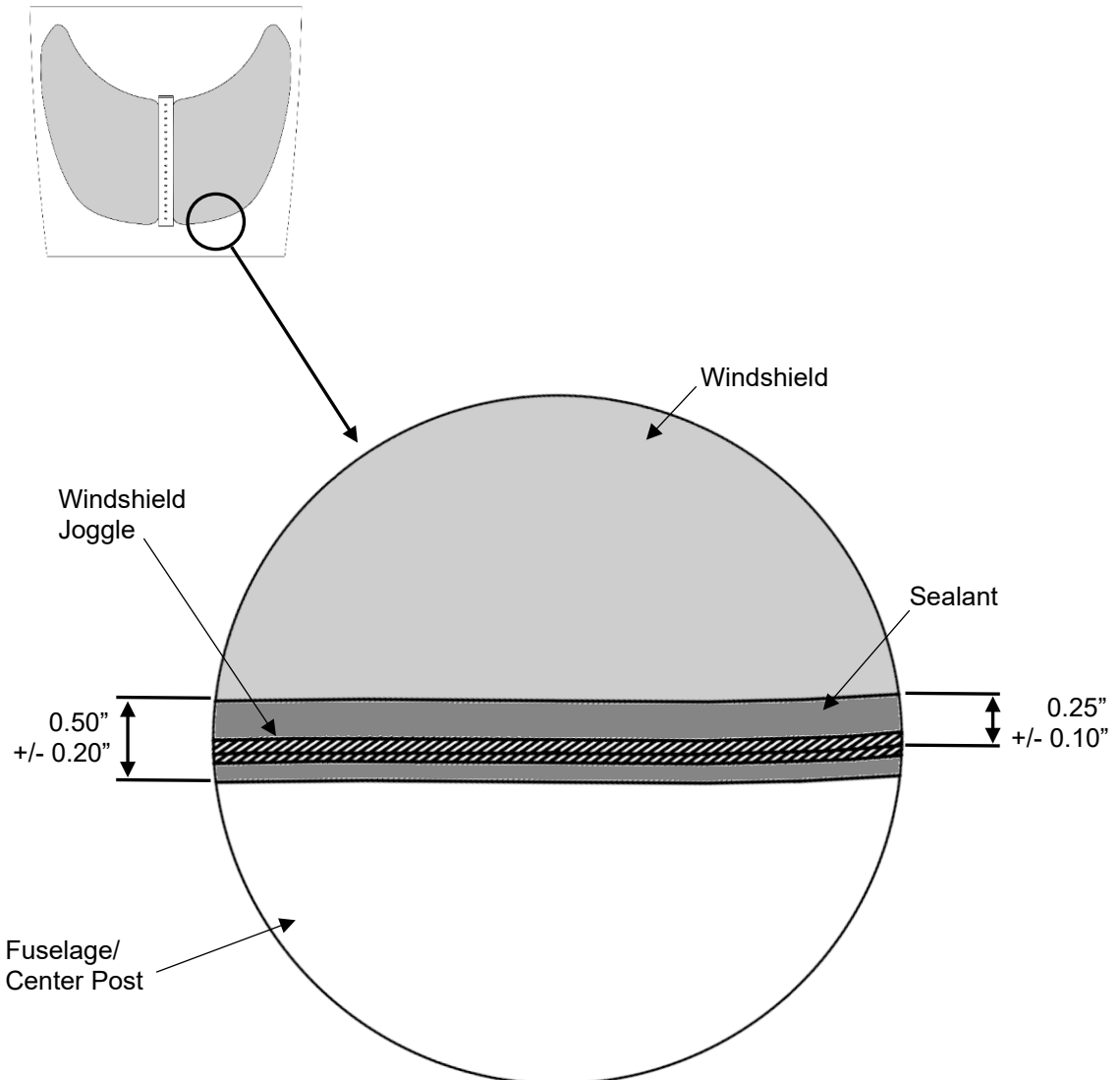
4. Using a non-metallic scraper, carefully remove the body filler around the perimeters of both windshields.

**CAUTION:** Avoid getting isopropyl alcohol on the windshield viewing surface.

5. Clean the surfaces of the fuselage and windshield to be edge sealed with isopropyl alcohol.
6. Mask both windshields for sealant application as shown in Figure 1.
7. Apply PR-1425 sealant in accordance with the manufacturer's instructions around the full perimeter of both windshields.
8. Smooth the sealant around the perimeter of the windshields (Refer to Figure 2).
9. Remove the mask and allow the sealant to cure in accordance with the manufacturer's instructions.
10. Remove the protective masking from the fuselage and windshield.

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**FIGURE 1: EDGE SEAL DIMENSIONS**



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**FIGURE 2: EDGE SEAL FINISH**



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## **9 WEIGHT AND BALANCE:**

Negligible

## **10 PUBLICATIONS AFFECTED:**

N/A

## **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](mailto: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: \_\_\_\_\_

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