

TITLE

STABILIZERS - EXAMINATION OF THE LEFT AND RIGHT HORIZONTAL STABILIZER LEADING EDGE FOR CORRECT SEALANT APPLICATION

EFFECTIVITY**MODEL**

700 (Citation Longitude)

SERIAL NUMBERS

-0001 thru -0039, -0041

The equivalent of this service document has been incorporated on production airplanes -0042 and On.

REASON

To examine the horizontal stabilizer leading edge for correct sealant and apply as required.

DESCRIPTION

This service document provides instructions to examine the horizontal stabilizer for correct sealant application.

COMPLIANCE

RECOMMENDED. This service document should be accomplished within 24 months from the issue date of this service bulletin.

A service document published by Textron Aviation may be recorded as *completed* in an aircraft log only when the following requirements are satisfied:

- 1) The mechanic must complete all of the instructions in the service document, including the intent therein.
- 2) The mechanic must correctly use and install all applicable parts supplied with the service document kit. Only with written authorization from Textron Aviation can substitute parts or rebuilt parts be used to replace new parts.
- 3) The mechanic or airplane owner must use the technical data in the service document only as approved and published.
- 4) The mechanic or airplane owner must apply the information in the service document only to aircraft serial numbers identified in the *Effectivity* section of the document.
- 5) The mechanic or airplane owner must use maintenance practices that are identified as acceptable standard practices in the aviation industry and governmental regulations.

No individual or corporate organization other than Textron Aviation is authorized to make or apply any changes to a Textron Aviation-issued service document or flight manual supplement without prior written consent from Textron Aviation.

Textron Aviation is not responsible for the quality of maintenance performed to comply with this document, unless the maintenance is accomplished at a Textron Aviation-owned Service Center.

CONSUMABLE MATERIAL

You must use the consumable materials that follow, or their equivalent, to complete this service document.

April 1, 2021

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Textron Aviation Customer Service, P.O. Box 7706, Wichita, KS 67277, U.S.A. 1-316-517-5800

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NAME	NUMBER	MANUFACTURER	USE
Sealant	U470642 Type I, Class B2 (6 ounce Simkit)	Textron Aviation Parts Distribution 7121 Southwest Boulevard Wichita, KS 67215	For sealing the horizontal stabilizer leading edge seams.

REFERENCES

Citation Standard Practices Manual

PUBLICATIONS AFFECTED

None

ACCOMPLISHMENT INSTRUCTIONS

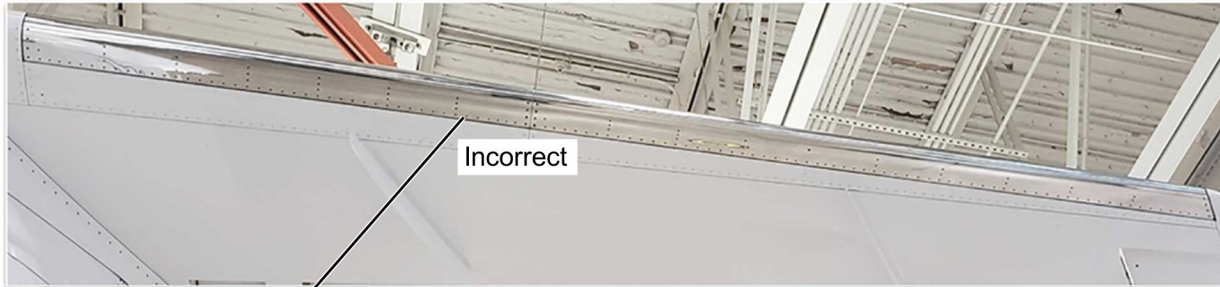
1. Prepare the airplane for maintenance.
 - A. Make sure that the airplane is electrically grounded.
 - B. Make sure that all switches are in the OFF/NORM position.
 - C. Disconnect electrical power from the airplane.
 - (1) Disconnect the airplane battery.
 - (2) Disconnect external electrical power.
 - D. Attach maintenance warning tags to the battery and external power receptacle that have **"DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS"** written on them.
2. (Refer to Figure 1, Sheet 1.) Examine the left and right horizontal stabilizer leading edges for correct application of sealant.
 - A. Examine the sealant around the periphery of the polished leading edge and painted portion of the leading edge seams.
 - (1) If sealant is found between the polished leading edge and painted portion of the leading edge seams.
 - (a) Remove and clean all sealant from around the periphery of the polished leading edge and painted portion of the leading edge seams. (Refer to Citation Standard Practices Manual, Chapter 20, Fuel, Weather, Pressure and High Temperature Sealing - Maintenance Practices.)
 - (2) If no sealant is found between the polished leading edge and painted portion of the leading edge seams.
 - (a) Go to Step 2.B.
 - B. Examine the sealant around the periphery of the painted portion of the leading edge and the horizontal stabilizer seams.
 - (1) If sealant is found between the painted portion of the leading edge and the horizontal stabilizer seams.
 - (a) Go to Step 3.
 - (2) If sealant is not found between the painted portion of the leading edge and the horizontal stabilizer seams.
 - (a) Fillet seal the seams between the painted portion of the leading edge and the horizontal stabilizer using U470642 sealant. (Refer to Citation Standard Practices Manual, Chapter 20, Fuel, Weather, Pressure and High Temperature Sealing - Maintenance Practices.)
3. Remove the maintenance warning tags and connect the airplane battery.

4. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

NOTE: Textron Aviation recommends that compliance with all service documents is reported to a maintenance tracking system provider.

- Complete a record of compliance. (Maintenance Transaction Report, Log Book Entry, or other record of compliance.)
- Put a copy of the completed record of compliance in the airplane logbook.
- Send a copy of the completed record of compliance to the maintenance tracking system provider used.

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Make sure no sealant is applied to the periphery of the polished leading edge and the painted portion of the leading edge. If found, remove sealant.



Make sure sealant is applied to the periphery of the painted portion of the leading edge and the horizontal stabilizer. If not found, fillet seal with sealant.

Figure 1. Left and Right Horizontal Stabilizer Leading Edge Sealant Application (Sheet 1)

MATERIAL INFORMATION

No parts are required to complete this service document.

TITLE

STABILIZERS - EXAMINATION OF THE LEFT AND RIGHT HORIZONTAL STABILIZER LEADING EDGE FOR CORRECT SEALANT APPLICATION

TO:

Model 700 Aircraft Owner

REASON

To examine the horizontal stabilizer leading edge for correct sealant and apply as required.

COMPLIANCE

RECOMMENDED. This service document should be accomplished within 24 months from the issue date of this service bulletin.

LABOR HOURS

WORK PHASE	LABOR-HOURS
Inspection	.50
Modification	5.5

MATERIAL AVAILABILITY

No parts are required to complete this service document.

WARRANTY

This service document is *recommended*. Eligible airplanes may qualify for parts and labor coverage to the extent noted in the *Labor Hours* and *Material Availability* sections of this document.

Eligibility: Airplanes identified within the serial number effectivity of this service document must have active Airframe warranty coverage on the original issue date of this document and the coverage must be active on the day the work is accomplished.

Parts Coverage: Textron Aviation-owned and Textron Aviation-authorized Service Facilities, operators, or other maintenance facilities may submit a claim for the parts required to accomplish this service document as defined in the *Material Availability* section of this document.

Labor Coverage: Textron Aviation-owned and Textron Aviation-authorized Service Facilities rated to perform maintenance on the specific model of Cessna Aircraft may submit a claim for the labor necessary to accomplish this service document as defined in the *Labor Hours* section of this document.

Credit Application: After this service document has been accomplished, a claim must be submitted to Textron Aviation within 30 days of the service document completion. Claims for compliance of this service document are to be filed as a W4 type claim.

Please submit your claim form online at ww2.txtav.com/Parts or email the completed Textron Aviation Claim Form to warranty@txtav.com. If submitted on-line a Return Authorization will be provided. If a paper claim is submitted your claim will be entered into the system and a Return Authorization will be sent to you.

The Return Authorization must accompany any required return parts (see *Material Availability*), to the point of purchase.

Parts to be returned to Textron Aviation Parts Distribution should be forwarded to:

Textron Aviation Parts Distribution
Warranty Administration
285 South Greenwich Road
Bldg B89, Docks 1-4
Wichita, KS 67206
USA

Expiration: April 30, 2023 (after this date the owner/operator assumes the responsibility for compliance costs)

Textron Aviation reserves the right to void continued airplane warranty coverage for the parts affected by this service document until the service document is accomplished.

NOTE: As a convenience, service documents are now available online to all our customers through a simple, free-of-charge registration process. If you would like to sign up, please visit the Customer Access link at www.txtavsupport.com to register.