

TITLE

FLIGHT CONTROLS - INSPECTION OF THE INBOARD AND OUTBOARD SPOILER BUNGEE ASSEMBLIES FOR APPLICATION OF CORROSION RESISTANT PRIMER

EFFECTIVITY**MODEL**

750 (Citation X+)

SERIAL NUMBERS

-0509 thru -0532

REASON

To inspect the inboard and outboard spoiler bungee assemblies for application of corrosion resistant primer.

DESCRIPTION

This service document provides instructions to inspect the inboard and outboard spoiler bungee assemblies for application of corrosion resistant primer

COMPLIANCE

RECOMMENDED. This service document should be accomplished at a scheduled maintenance period or inspection.

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.

NAME	NUMBER	MANUFACTURER	USE
Corrosion Resistant Primer	K000574 (2oz kit)	Textron Aviation Parts Distribution 7121 Southwest Boulevard Wichita, KS 67215	Touch—up primer kit.

September 17, 2020

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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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TOOLING

No specialized tooling is required to complete this service document.

REFERENCES

Cessna Model 750 (0501 & On) Maintenance Manual

Citation Standard Practices Manual

PUBLICATIONS AFFECTED

None

ACCOMPLISHMENT INSTRUCTIONS

1. Connect external electrical power to the aircraft. (Refer to Cessna Model 750 (0501 & On) Maintenance Manual, Chapter 24, External Electrical Power - Maintenance Practices.
2. Extend the flaps to FULL down position.
3. 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 aircraft batteries.
 - (2) Disconnect external electrical power.
 - D. Attach maintenance warning tags to the batteries and external power receptacle that have **"DO NOT CONNECT ELECTRICAL POWER - MAINTENANCE IN PROGRESS"** written on them.

NOTE: The removal and installation procedures written below are for the left spoiler bungee assemblies. The removal and installation procedures for the right spoiler bungee assemblies are typical.

4. Do an examination of the inboard and outboard spoiler bungee assemblies as follows:
 - A. Using a high intensity light and inspection mirror, examine the inboard and outboard bungee assemblies on the left and right wing for corrosion resistant primer.

NOTE: Spoiler bungee barrel assemblies that do not have corrosion resistant primer applied to them have bare unprimed metal surfaces.

- (1) If the inboard and outboard bungee assemblies have corrosion resistant primer on the bungee barrel assembly, go to Step 5.

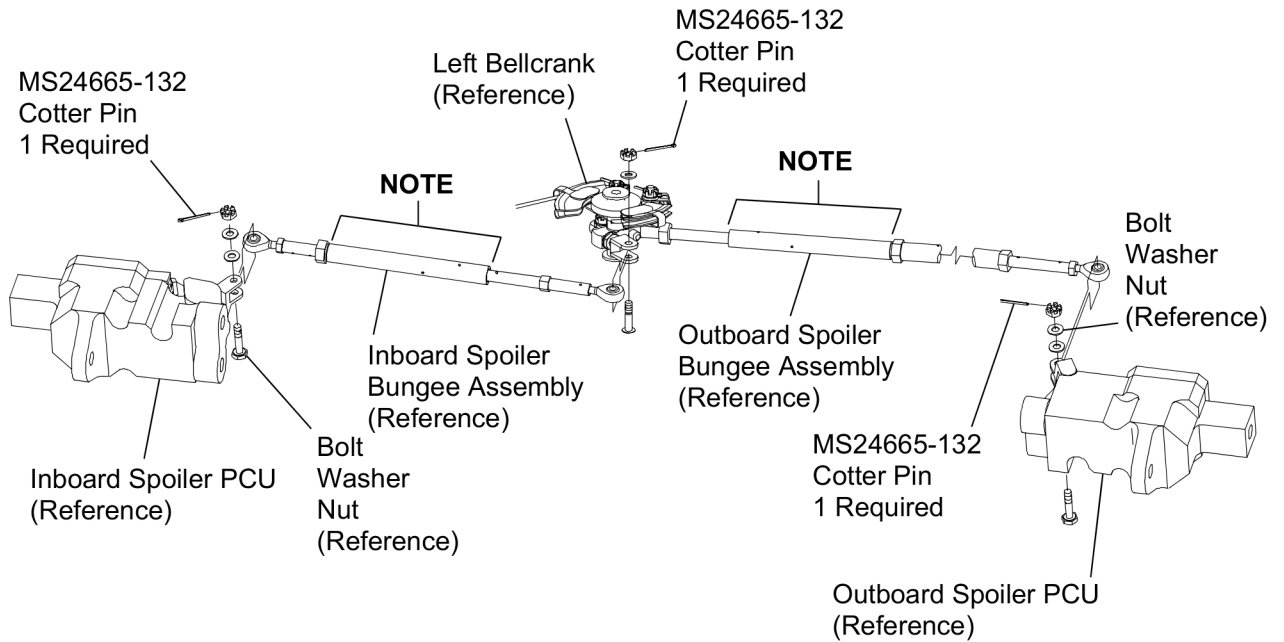
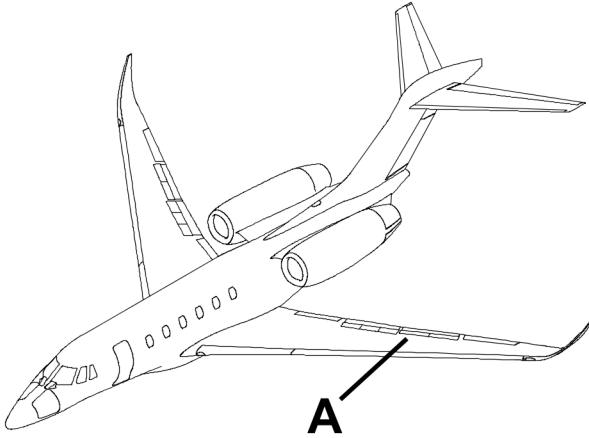
- (2) If the inboard and outboard bungee assemblies do not have corrosion resistant primer on the bungee barrel assembly, do the steps that follow:
- (a) Remove the inboard and outboard bungee assemblies as follows:
- 1 Remove the cotter pin from the nut and the clevis bolt that connects the inboard bungee assembly to the inboard spoiler power control unit (PCU). Discard cotter pin.
 - 2 Remove the nut, washers, clevis bolt from the inboard PCU.
 - 3 Remove the cotter pin from the nut and the clevis bolt that connects the inboard bungee assembly to the left bellcrank assembly. Discard cotter pin.
 - 4 Remove the nut, washers, clevis bolt and inboard bungee assembly from the aircraft.
 - 5 Remove the cotter pin from the nut and the clevis bolt that connects the outboard bungee assembly to the outboard spoiler PCU. Discard cotter pin.
 - 6 Remove the nut, washer, clevis bolt from the outboard PCU.
 - 7 Remove the cotter pin from the nut and the clevis bolt that connects the outboard bungee assembly to the left bellcrank assembly. Discard cotter pin.
 - 8 Remove the nut, washer, clevis bolt and outboard bungee assembly from the aircraft.
- (b) Apply corrosion resistant primer to the surface of the bungee barrel assembly as follows:
- NOTE:** The external surface of the barrel assembly is the only area that requires the application of corrosion resistant primer.
- 1 Protect the clevis bolts and jam nuts with masking tape. (Refer to Citation Standard Practices Manual, Chapter 20, Exterior Finish - Cleaning/Painting.)
 - 2 Lightly abrade the surface of the bungee barrel assembly. (Refer to Citation Standard Practices Manual, Chapter 20, Exterior Finish - Cleaning/Painting.)
 - 3 Solvent clean the bungee barrel assembly. (Refer to Citation Standard Practices Manual, Chapter 20, Exterior Finish - Cleaning/Painting.)
 - 4 Apply corrosion resistant primer to the bungee barrel assembly. (Refer to Citation Standard Practices Manual, Chapter 20, Exterior Finish - Cleaning/Painting.)
 - 5 Let the corrosion resistant primer cure completely before installation.
- (c) Install the inboard and outboard bungee assemblies as follows:
- 1 Install the inboard bungee assembly on the aircraft.
 - 2 Install the clevis bolt, washers and nut that connects the inboard bungee assembly to the inboard spoiler power control unit (PCU).
 - 3 Install the clevis bolt, washers, and nut that connects the inboard bungee assembly to the left bellcrank assembly.
 - 4 Install the outboard bungee assembly on the aircraft.
 - 5 Install the clevis bolt, washers and nut that connects the outboard bungee assembly to the outboard spoiler power control unit (PCU).
 - 6 Install the clevis bolt, washers, and nut that connects the outboard bungee assembly to the left bellcrank assembly.
 - 7 Torque the inboard and outboard bungee assembly clevis bolts and nuts. (Refer to Citation Standard Practices Manual, Chapter 20, Torque Data - Maintenance Practices.)
 - 8 Install four MS24665-132 Cotter Pins. (Refer to Citation Standard Practices Manual, Chapter 20, Safetying - Maintenance Practices.)

- (d) Temporarily connect the aircraft batteries to the aircraft.
 - (e) Connect the external hydraulic power unit to the hydraulic System A and System B. (Refer to Cessna Model 750 (0501 & On) Maintenance Manual, Chapter 29, Main Hydraulic System - Maintenance Practices.)
 - (f) Do the Spoiler Control Surface Travel Check. (Refer to Cessna Model 750 (0501 & On) Maintenance Manual, Chapter 27, Spoiler Control System - Adjustment/Test.)
 - (g) Service the hydraulic reservoir. (Refer to Cessna Model 750 (0501 & On) Maintenance Manual, Chapter 12, Hydraulic Reservoir - Servicing.)
 - (h) Disconnect the external hydraulic power unit from the hydraulic System A and System B. (Refer to Cessna Model 750 (0501 & On) Maintenance Manual, Chapter 29, Main Hydraulic System - Maintenance Practices.)
5. Remove the maintenance warning tags and connect the aircraft batteries.
 6. 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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DETAIL A

Left Side Shown, Right Side Typical

NOTE: Make sure the corrosion resistant primer is only applied to the marked area.

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Figure 1. Inspection of the Inboard and Outboard Spoiler Bungee Assemblies for Application of Corrosion Resistant Primer (Sheet 1)

MATERIAL INFORMATION

The parts below are required to complete this service document.

NEW P/N	QUANTITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
MS24665-132	4	Cotter Pins	MS24665-132	Discard

TITLE

FLIGHT CONTROLS - INSPECTION OF THE INBOARD AND OUTBOARD SPOILER BUNGEE ASSEMBLIES FOR APPLICATION OF CORROSION RESISTANT PRIMER

TO:

Cessna Model 750 (Citation X+) Aircraft Owner

REASON

To inspect the inboard and outboard spoiler bungee assemblies for application of corrosion resistant primer.

COMPLIANCE

RECOMMENDED. This service document should be accomplished at a scheduled maintenance period or inspection.

LABOR HOURS

WORK PHASE	LABOR-HOURS
Inspection	2.0
Modification (If necessary)	1.0

MATERIAL AVAILABILITY

The parts below are required to complete this service document.

PART NUMBER	AVAILABILITY	COST
MS26445-132	*	*

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: September 30, 2022 (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.

