

TITLE

FUSELAGE - WIRE BUNDLE ANCHOR AND FLOOR SUPPORT ANGLE VERIFICATION

EFFECTIVITY**MODEL**

750 (Citation X+)

SERIAL NUMBERS

-0501 thru -0527, -0529, -0530

REASON

A wire bundle anchor and angle support may have been omitted during manufacturing.

DESCRIPTION

This service document provides instructions to do an inspection for the wire bundle anchor and support angle.

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.

APPROVAL

Textron Aviation received FAA approval for the technical data in this publication that changes the airplane type design.

FLIGHT CREW OPERATIONS

No Changes

CONSUMABLE MATERIAL

No specialized consumable materials are required to complete this service document.

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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.

WEIGHT AND BALANCE INFORMATION

Negligible

REFERENCES

Cessna Model 750 Maintenance Manual (0501 & On)

Cessna Model 750 Interior Maintenance Manual and Illustrated Parts Catalog

Cessna Model 750 Structural Repair Manual

PUBLICATIONS AFFECTED

Cessna Model 750 Illustrated Parts Catalog

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 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.
2. Remove the pilot's and copilot's seat. (Refer to the Model 750 Interior Maintenance Manual, Chapter 25, Crew Seats - Maintenance.)
3. Remove the left and right navigation chart cases. (Refer to the Model 750 Interior Maintenance Manual, Chapter 25, Navigation Chart Cases - Maintenance.)
4. Remove cabin floorboard panels 141BT, 142BT, 141CT, 141BTC, 141DT, and 142CT. (Refer to the Model 750 Maintenance Manual (0501 & On), Chapter 6, Access Plates and Panels Identification - Description and Operation.)
5. (Refer to Figure 1, View A-A, Detail B.) Do an inspection for the 6911095-17 Left Angle and 6911095-18 Right Angle.
 - A. If the 6911095-17 Left Angle is installed, go to Step 6.
 - B. If the 6911095-17 Left Angle is not installed and do the steps that follow:
 - (1) Remove and discard the current support angle assembly.
 - (a) Drill out the rivets that attach the support angle assembly to the lower frame segment and discard. (Refer to the Model 750 Structural Repair Manual, Chapter 51, Fastener Installation and Removal.)
 - (b) Remove and keep the screws that attach the support angle assembly to the lower frame segment.
 - (2) Install one 6791109-1 Support Angle Assembly.
 - (a) Put the 6791109-1 Support Angle Assembly on the lower forward frame segment.
 - (b) Install two of the kept screws to hold the 6791109-1 Support Angle Assembly in place.
 - (c) Drill 24 Number 30 (0.128 inch-diameter) holes in the 6791109-1 Support Angle Assembly to match the holes in the lower forward frame segment.

- (d) Remove the 6791109-1 Support Angle Assembly and deburr the holes that were drilled.
 - (e) Put the 6791109-1 Support Angle Assembly on the lower forward frame segment and attach with the kept screws and 24 MS20470AD4-5 Rivets.
- (3) Install the 6911095-17S Left Angle.
- (a) Put the 6911095-17S Left Angle on the lower forward frame segment.
 - (b) Drill 11 Number 21 (0.159 inch-diameter) hole in the lower forward frame segment to match the pilot holes in the 6911095-17 Left Angle.
NOTE: The edge distance (ED) of the two inboard holes must be at least 1.25D edge distance. If the ED is less than this contact Textron Aviation Engineering.
 - (c) Remove the 6911095-17S Left Angle from the lower forward frame segment.
 - (d) Deburr all the holes that were drilled.
 - (e) Apply color chem film treatment and corrosion resistant primer to the holes.
 - (f) Attach the 6911095-17S Left Angle to the lower forward frame segment with 11 CR3223-5-3 Rivets.
 - (g) Route the wire bundle through the 6238377-9 Clip Assemblies and attach with MS3367-1-0 Tie Straps.
- (4) Go to Step 6.
6. (Refer to Figure 1, View A-A, Detail B.) Do an inspection for the 6911095-18 Right Angle.
- A. If the 6911095-18 Right Angle is installed, go to Step 6.C.
 - B. If the 6911095-18 Right Angle is not installed and do the steps that follow:
 - (1) Put the 6911095-18S Right Angle on the lower forward frame segment.
 - (2) Drill 11 Number 21 (0.159 inch-diameter) hole in the lower forward frame segment to match the pilot holes in the 6911095-18S Right Angle.
NOTE: The edge distance (ED) of the two inboard holes must be at least 1.25D edge distance. If the ED is less than this contact Textron Aviation Engineering.
 - (3) Remove the 6911095-18S Right Angle from the lower forward frame segment.
 - (4) Layout one Number 30 (0.128 inch-diameter) hole in the three 6238377-9 Clip Assemblies.
 - (5) Put the three 6238377-9 Clip Assemblies on the aft side of the frame segment.
 - (6) Drill one Number 30 (0.128 inch-diameter) hole in aft side of the lower frame segment to match the hole that was drilled in each 6238377-9 Clip Assembly.
 - (7) Deburr all the holes that were drilled.
 - (8) Apply color chem film treatment and corrosion resistant primer to the holes.
 - (9) Attach the 6911095-18S Right Angle to the lower forward frame segment with 11 CR3223-5-3 Rivets.
 - (10) Attach the 6238377-9 Clip Assemblies to the aft side of the frame segment with one CR3223-5-3 Rivet.
NOTE: It is permissible to install the 6238377-9 Clip Assemblies on the forward side of the frame segment as long as they don't create interference with the 6911095-17S Left Angle and/or 6911095-18S Right Angle. If there is interference then they need to be on the aft side of the frame segment.
 - (11) Route the wire bundle through the 6238377-9 Clip Assemblies and attach with MS3367-1-0 Tie Straps.

- C. If the 6238377-9 Clip Assemblies are not installed and the 6911095-18S Right Angle is installed, do the steps that follow.
- (1) Layout and drill one Number 30 (0.128 inch-diameter) hole in each 6238377-9 Clip Assembly.
 - (2) Put the 6238377-9 Clip Assemblies on the aft side of the lower frame segment.
 - (3) Drill one Number 30 (0.128 inch-diameter) hole in the aft side of the lower frame segment to match the hole that was drilled in each 6238377-9 Clip Assembly.
 - (4) Deburr the holes that were drilled.
 - (5) Attach the 6238377-9 Clip Assemblies to the aft side of the lower frame segment with one MS20470AD4-5 Rivet.

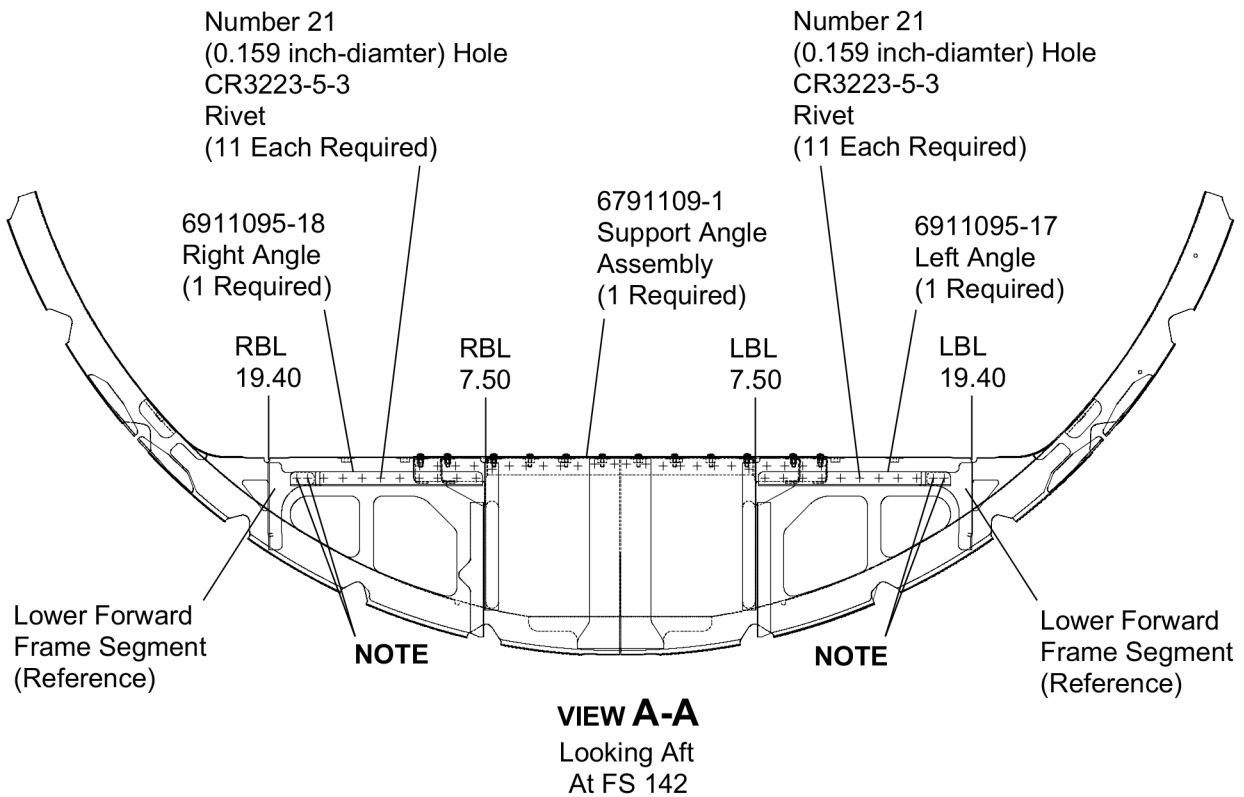
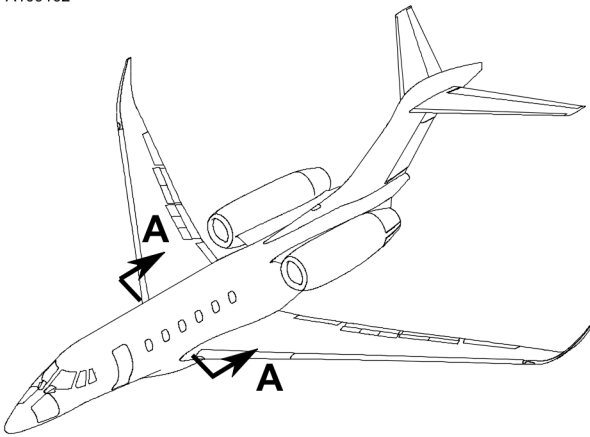
NOTE: It is permissible to install the 6238377-9 Clip Assemblies on the forward side of the frame segment as long as they don't create interference with the 6911095-17S Left Angle and/or 6911095-18S Right Angle. If there is interference then they need to be on the aft side of the frame segment.

- (6) Route the wire bundle through the 6238377-9 Clip Assemblies and attach with MS3367-1-0 Tie Straps.
 - (7) Go to Step 7.
7. Install cabin floorboard panels 141BT, 142BT, 141CT, 141BTC, 141DT, and 142CT. (Refer to the Model 750 Maintenance Manual (0501 & On), Chapter 6, Access Plates and Panels Identification - Description and Operation.)
 8. Install the left and right navigation chart cases. (Refer to the Model 750 Interior Maintenance Manual, Chapter 25, Navigation Chart Cases - Maintenance.)
 9. Install the pilot's and copilot's seats. (Refer to the Model 750 Interior Maintenance Manual, Chapter 25, Passenger Seats - Maintenance.)
 10. Remove the maintenance warning tags and connect the airplane battery.
 11. 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 Camp Systems International.

- 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: Camp Systems International Incorporated, 8201 East 34th Street North, Building 1100 Suite 1101 Wichita, KS 67226.

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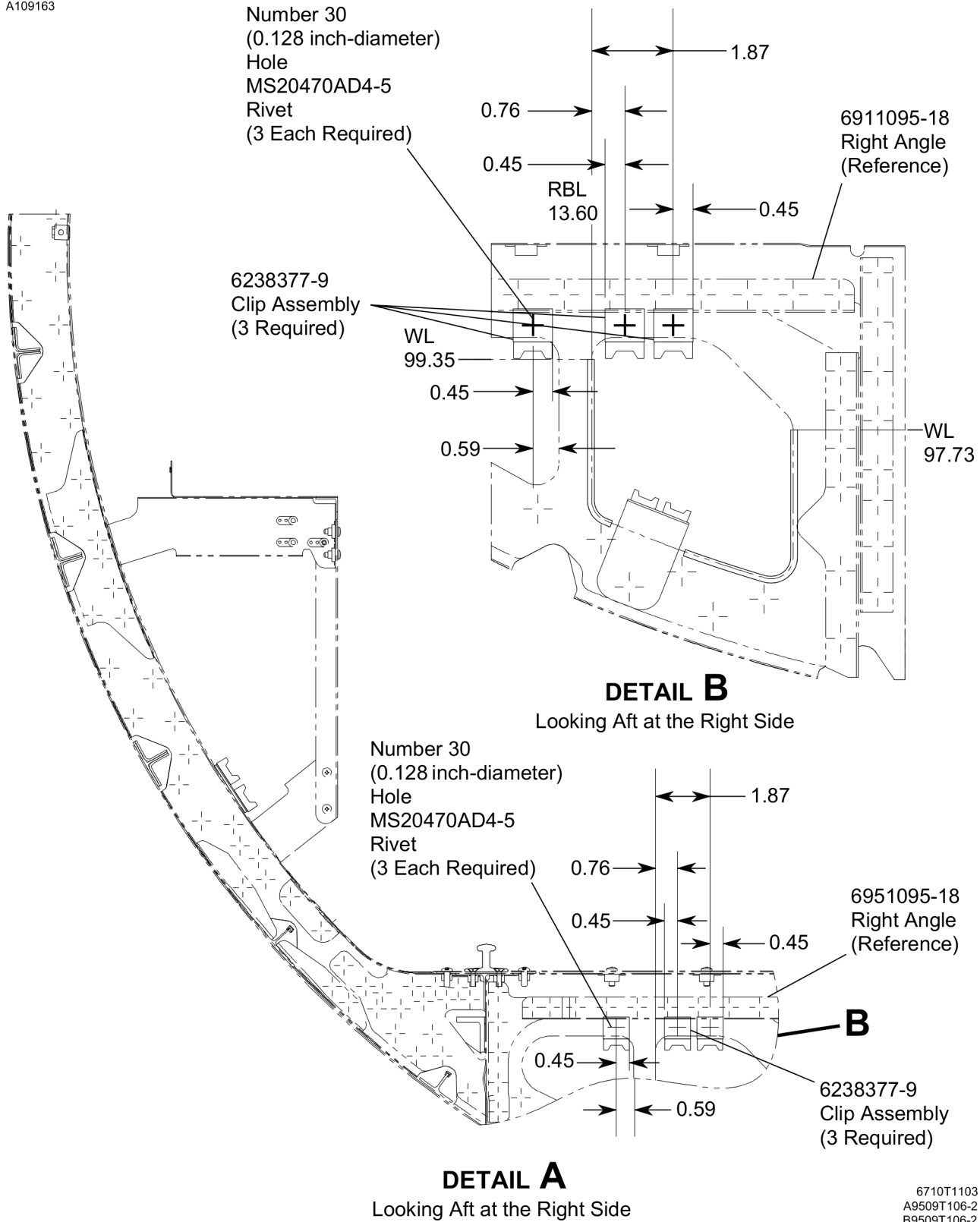


NOTE: The edge distance at these locations must be at least 1.25D.
 If it is less than that contact Textron Aviation Engineering.

6710T1103
 AA67111245-2

Figure 1. Wire Bundle Anchor Installation (Sheet 1)

A109163



6710T1103
A9509T106-2
B9509T106-2

Figure 1. Wire Bundle Anchor Installation (Sheet 2)

MATERIAL INFORMATION

Order the kit/parts below to install this modification.

| NEW P/N | QUANTITY | KEY WORD | OLD P/N | INSTRUCTIONS/ DISPOSITION |
|--------------------|----------|---|---------|------------------------------|
| SB750-53-34 | 1 | Kit , consisting of the following parts: | | |
| CR3223-5-3 | 26 | Rivet | None | |
| MS20470AD4-5 | 30 | Rivet | None | |
| MS3367-1-0 | 6 | Tie Strap | None | |
| 6238377-9 | 3 | Clip Assembly | None | |
| 6791109-1 | 1 | Support Angle | | |
| 6911095-17S | 1 | Left Angle | None | |
| 6911095-18S | 1 | Right Angle | None | |
| SB750-53-34 | 1 | Instructions | | |

* Please contact Textron Aviation Parts Distribution for current cost and availability of parts listed in this service document. Phone at 1-800-835-4000 (Domestic) or 1-316-517-5603 (International). Send email to: parts@txtav.com.

Based on availability and lead times, parts may require advanced scheduling.

TITLE

FUSELAGE - WIRE BUNDLE ANCHOR VERIFICATION

TO:

Citation X+ Owner

REASON

A wire bundle anchor and angle support may have been omitted during manufacturing.

COMPLIANCE

This service document provides instructions to do an inspection for the wire bundle anchor and support angle.

LABOR HOURS

| WORK PHASE | LABOR-HOURS |
|--------------|-------------|
| Inspection | 1.5 |
| Modification | 15.0 |

MATERIAL AVAILABILITY

| PART NUMBER | AVAILABILITY | COST |
|-------------|--------------|------|
| SB750-53-34 | * | * |

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Based on availability and lead times, parts may require advanced scheduling.

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.

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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: July 9, 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.