

## REVISION TRANSMITTAL

This sheet transmits Revision 1 to SL560XL-29-03 which:

- A. Revised step 2, which adds illustrations and instructions.
- B. Minor editorial changes throughout document.

**NOTE:** This revision replaces the original issue of SB560XL-29-03 in its entirety.

### REVISION COMPLIANCE

RECOMMENDED. Airplanes previously modified by this service letter should complete this revision.

### LOG OF REVISIONS

Original Issue	June 10, 2009
Revision 1	June 17, 2020



**TITLE**

HYDRAULIC POWER - ENGINE HYDRAULIC HOSE INSPECTION

**EFFECTIVITY**

MODEL	SERIAL NUMBERS
560XL (Citation Excel)	-5002 thru -5372
560XL (Citation XLS)	-5501 thru -5830

The equivalent of this service letter has been incorporated on production airplanes -6001 and On.

**REASON**

The hydraulic hoses on the left engine hydraulic pump can rub against the Fuel Control Unit (FCU). If the hydraulic hoses are not in the correct position it can cause a hydraulic leak or hydraulic system failure.

**DESCRIPTION**

This service document provides parts and instructions to do an inspection and if necessary, replace the engine hydraulic hoses.

**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**

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

**TOOLING**

No specialized tooling is required to complete this service document.

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## REFERENCES

Cessna Model 560XL Maintenance Manual

**NOTE:** To make sure all publications used are complete and current. Refer to [www.txtavsupport.com](http://www.txtavsupport.com).

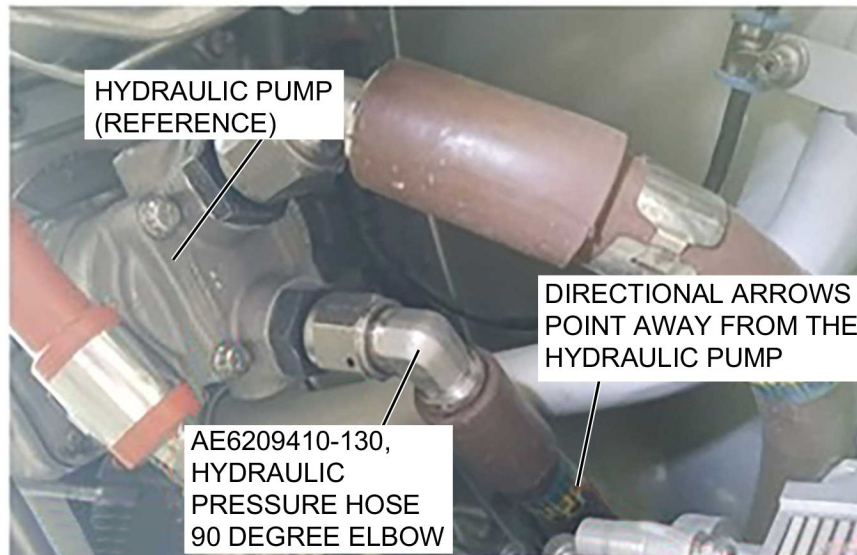
## PUBLICATIONS AFFECTED

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 external electrical power.
    - (2) Disconnect the airplane battery.
  - 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. Do an Inspection of the pressure and suction hydraulic hose assemblies on the left engine.
  - A. Open the lower cowl door on the left engine. (Refer to the Cessna Model 560XL Maintenance Manual, Chapter 71, Engine Cowling - Description And Operation.)
  - B. Inspect the AE6209H0300-130 Hydraulic Pressure Hose.
    - (1) Make sure the 90° fitting end of the pressure hose is attached to the hydraulic pump.

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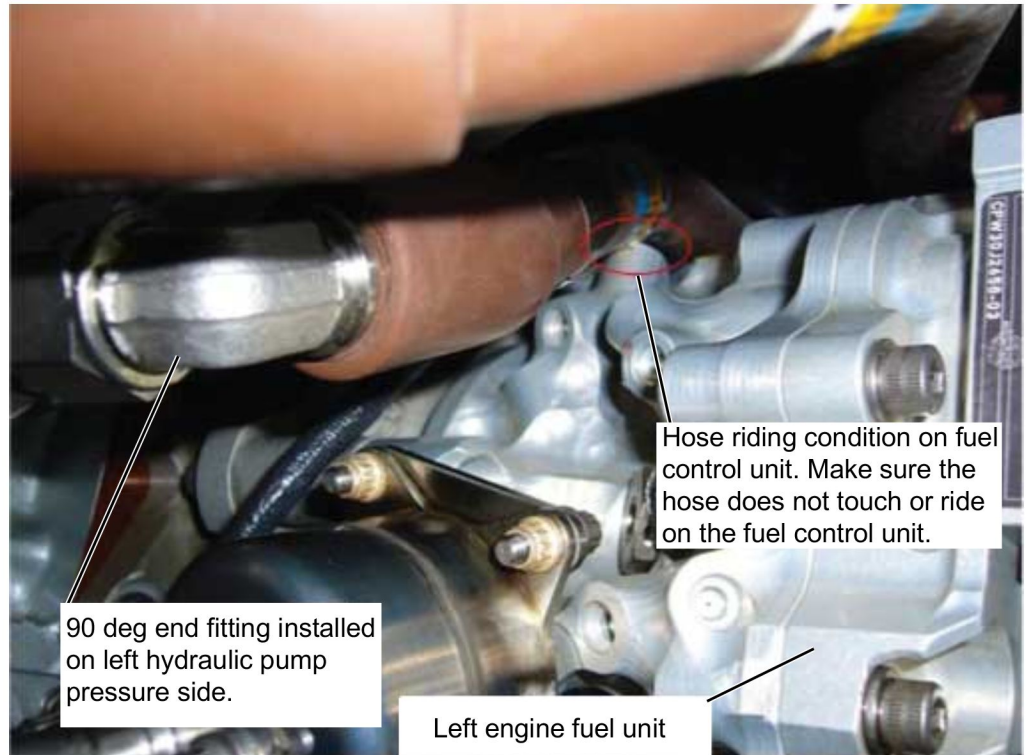


- (a) If the 90° fitting end of the pressure hose is not installed on the hydraulic pump, the hydraulic pressure hose assembly must be replaced.

C. Inspect the AE6209H0300-130 Hydraulic Pressure and AE6209J0300-080 Hydraulic Suction Hose assemblies.

- (1) Make sure that the pressure and suction hydraulic hose assemblies do not touch or rub on the FCU.

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- (a) If chafing is found on a hydraulic hose, do the steps that follow to replace the hydraulic hose.

**WARNING:** Failure to do the steps that follow could result in damage or personal injury.

- D. Connect a hydraulic mule and empty the hydraulic reservoir. (Refer to the Cessna Model 560XL Maintenance Manual, Chapter 29, Main Hydraulic System - Maintenance Practices.)
- E. Loosen the hose assemblies at the hydraulic pump. (Refer to the Cessna Model 560XL Maintenance Manual, Chapter 29, Main Hydraulic System - Maintenance Practices.)
- F. Replace the pressure or suction hose assemblies. (Refer to the Cessna Model 560XL Maintenance Manual, Chapter 20, Tubing, Hose And Fittings - Maintenance Practices.)
- G. Put the hose assemblies in a position that they do not rub or touch the FCU or other components.
- NOTE:** It is not permissible to use tie straps on any of the hydraulic hoses.
- H. Tighten the hose assemblies. (Refer to the Cessna Model 560XL Maintenance Manual, Chapter 29, Main Hydraulic System - Maintenance Practices.)
3. Remove the maintenance warning tags and connect the airplane battery.
4. Service the hydraulic system. (Refer to the Cessna Model 560XL Maintenance Manual, Chapter 12, Hydraulic Power System - Servicing.)
5. Close the lower cowl door on the left engine. (Refer to the Cessna Model 560XL Maintenance Manual, Chapter 71, Engine Cowling - Description And Operation.)

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.

### MATERIAL INFORMATION

Order the kit/parts below to install this modification if required.

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
AE6209J0300-080	1	Hose Assembly - Hydraulic Suction L/H	Same	Discard
AE6209H0300-130	1	Hose Assembly - Hydraulic Pressure L/H	Same	Discard

\* 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](mailto:parts@txtav.com).

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

**TITLE**

HYDRAULIC POWER - ENGINE HYDRAULIC HOSE INSPECTION

**TO:**

Cessna Model 560XL Aircraft Owner

**REASON**

The hydraulic hose on the left engine hydraulic pump can rub against the fuel control unit (FCU). If the hydraulic hose is not in the correct position it can cause a hydraulic leak or hydraulic system failure.

**COMPLIANCE**

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

**LABOR HOURS**

WORK PHASE	LABOR-HOURS
Modification	5.0
Test and Inspection	1.0

**MATERIAL AVAILABILITY**

Order the part to complete this service document if required.

PART NUMBER	AVAILABILITY	COST
AE6209H0300-130	*	*

\* 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](mailto:parts@txtav.com).

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.

**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](http://ww2.txtav.com/Parts) or email the completed Textron Aviation Claim Form to [warranty@txtav.com](mailto: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:** June 10, 2011 (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](http://www.txtavsupport.com) to register.