

**TITLE**

ENGINE CONTROLS - POWER CONTROL CABLE INSPECTION

**EFFECTIVITY**

MODEL	SERIAL NUMBERS
Super King Air B300	FL1071 thru FL1078, FL1084, FL1086 thru FL1089
Super King Air B300C	FM-68, FM-69

**REASON**

To inspect the power control cable for corrosion under the deice boot.

**DESCRIPTION**

This service document provides instructions to inspect the power control cable for corrosion and repair the power control cable if corrosion found is under the deice boot.

**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.

May 2, 2019

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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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**WEIGHT AND BALANCE INFORMATION**

Negligible

**REFERENCES**

Beechcraft Model B300/B300C Fusion Maintenance Manual

King Air Chapter 20 Standard Practices - Airframe

**PUBLICATIONS AFFECTED**

None

**ACCOMPLISHMENT INSTRUCTIONS**

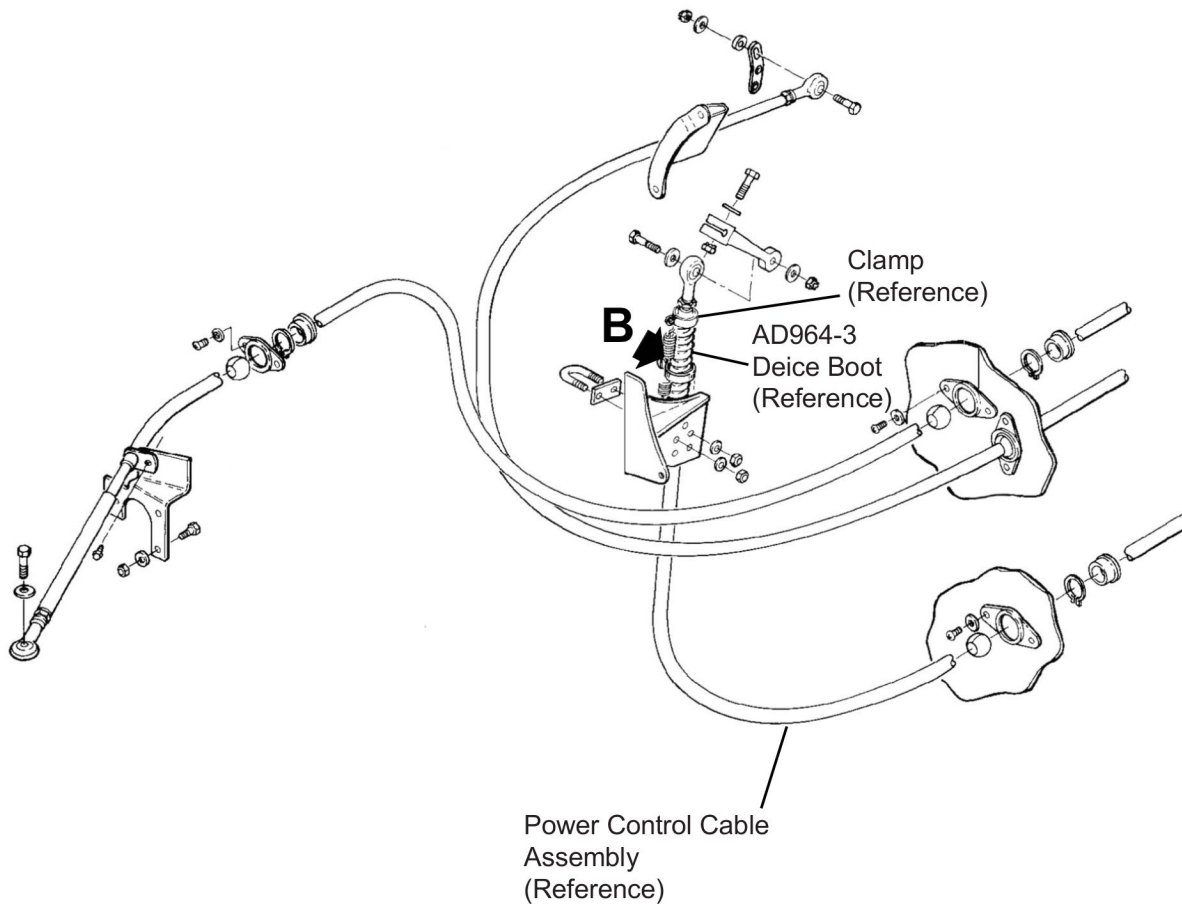
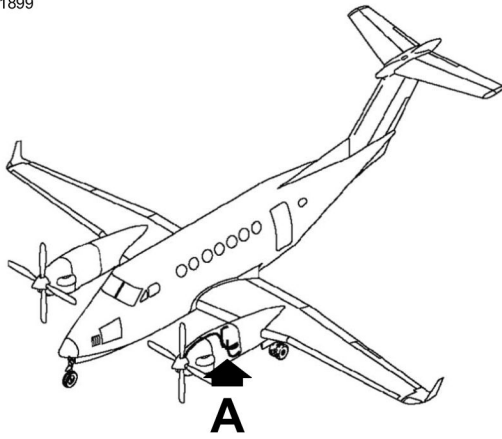
1. Prepare the airplane for maintenance.
  - A. Make sure that the airplane is electrically grounded.
  - B. Make sure that all switches are in the OFF/NORM position.
  - C. Disconnect electrical power from the airplane.
    - (1) Disconnect external electrical power.
    - (2) Disconnect the airplane 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. Open the left inboard and right outboard upper aft cowl doors.
3. (Refer to Figure 1, Detail A and Detail B.) Do an inspection of the left and right power control cable.
  - A. Loosen one of the clamps attaching the deice boot to the power control cable.
  - B. Slide the deice boot a few inches back to expose the power control cable.
  - C. Inspect both power control cables.
    - (1) If the applicable power control cable does not show signs of corrosion on the power control cable, install the deice boot and go to Step 4.
    - (2) If the applicable power control cable has signs of corrosion on the power control cable, do the steps that follow:
      - (a) Remove the corrosion from the applicable power control cable. (Refer to the King Air Chapter 20 Standard Practices - Airframe Manual, Chapter 20, Corrosion - Maintenance Practices.)  
**NOTE:** If you are unable to remove all the corrosion from the power control cable, remove and replace the applicable power control cable. (Refer to the Model B300/B300C Fusion Maintenance Manual, Chapter 76, Engine Control Cable - Removal/Installation.)
      - (b) Install the kept deice boot with the kept clamps.
4. Remove the maintenance warning tags and connect the airplane battery.
5. Close the left inboard and right outboard upper aft cowl doors.

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 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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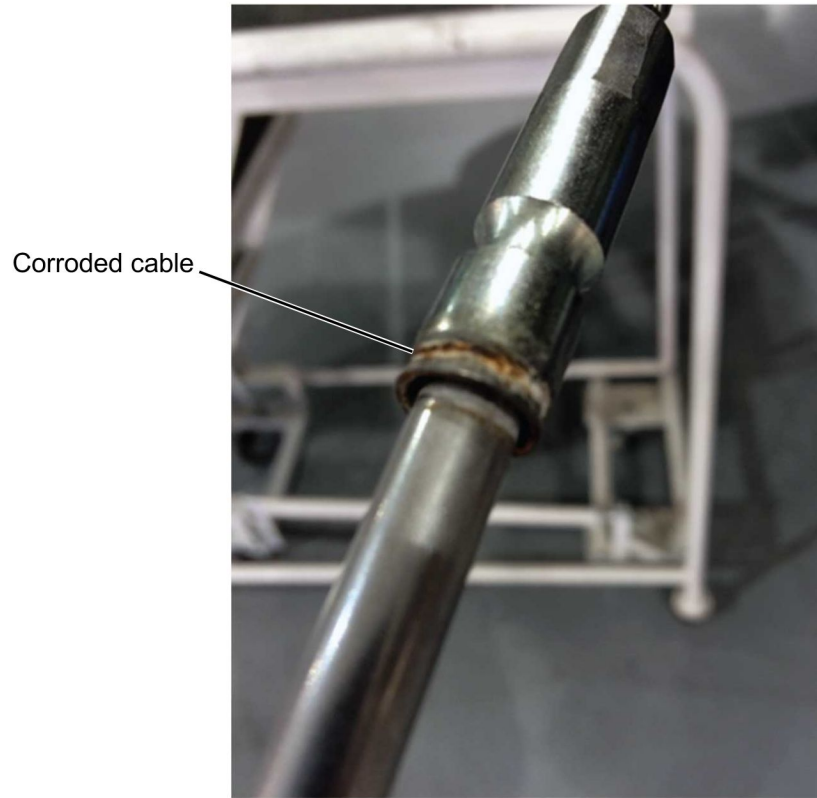


**DETAIL A**

Left Side Shown, Right Side Opposite

Figure 1. Power Control Cable Inspection (Sheet 1)

E71898



**DETAIL B**

Figure 1. Power Control Cable Inspection (Sheet 2)

**MATERIAL INFORMATION**

Order the kit/parts below to install this modification if it necessary to replace a power control cable.

<b>NEW P/N</b>	<b>QUAN- TITY</b>	<b>KEY WORD</b>	<b>OLD P/N</b>	<b>INSTRUCTIONS/ DISPOSITION</b>
AN4-11	If Required	Bolt		
AN316-4R	If Required	Nut		
AN935-416	If Required	Washer		
AN960-416	If Required	Washer		
MS21042L3	If Required	Nut		
MS24664-134	If Required	Cotter Pin		
101-389035-9	If Required	Left Power Control Cable		
101-389035-11	If Required	Right Power Control Cable		
130-940031-1	If Required	Gasket		

\* 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**

ENGINE CONTROLS - POWER CONTROL CABLE INSPECTION

**TO:**

Aircraft Owner

**REASON**

To inspect the power control cable for corrosion under the de-ice boot.

**COMPLIANCE**

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

**LABOR HOURS**

WORK PHASE	LABOR-HOURS
Inspection	1.0 per airplane
Clean corrosion, if necessary	1.0 per control cable
Replace Control Cable, if necessary	20.0 per control cable

**MATERIAL AVAILABILITY**

PART NUMBER	AVAILABILITY	COST
AN4-11	*	*
AN316-4R	*	*
AN935-416	*	*
AN960-416	*	*
MS21042L3	*	*
MS24664-134	*	*
101-389035-9	*	*
101-389035-11	*	*
130-940031-1	*	*

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**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 W3 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:** May 2, 2021 (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.