

MANDATORY**MTL-32-04****TITLE**

LANDING GEAR - POWER PACK REMOTE CONTROL CIRCUIT BREAKER WIRING INSPECTION

EFFECTIVITY

MODEL	SERIAL NUMBERS
B300	FL-792 thru FL-1285
B300C	FM-53, FM-84, FM-87 thru FM-89, FM-91 thru FM-97, FM-99, FM-101 thru FM-103

REASON

During initial installation of the hydraulic power pack, the wiring to the remote control circuit breaker (RCCB) may not have been installed correctly.

DESCRIPTION

This service document provides parts and instructions to inspect the wiring to the remote control circuit breaker (RCCB) and re-pin the RCCB as necessary.

COMPLIANCE

MANDATORY. This service document must be accomplished at the next 200-hour or 12-month 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.

March 01, 2023

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

This document contains technical data and is subject to U.S. export regulations. This information has been exported from the United States in accordance with export administration regulations. Diversion contrary to U.S. law is prohibited. ECCN: 9E991

REFERENCES

- Beechcraft Super King Air B300/B300C Maintenance Manual
- Beechcraft Super King Air B300/B300C Fusion Maintenance Manual
- Beechcraft Electrical Wiring Diagram Manual
- Beechcraft Super King Air Model B300/B300C Fusion Wiring Diagram

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. Remove the 511AT, 511DB, and 511EB Access Panels. (Refer to the applicable Maintenance Manual, Chapter 6, Airplane Access Panels - Description and Operation.)
3. Inspect the wiring connections on the 100 Amp remote controlled circuit breaker (RCCB). (Refer to the applicable Wiring Diagram Manual, Chapter 32, Hydraulic Landing Gear Control.)
 - A. If the remote controlled circuit breaker (RCCB) is connected correctly, go to Step 8.
 - B. If the remote controlled circuit breaker (RCCB) is not connected correctly, go to Step 4.

WARNING: Never service the accumulator of the hydraulic system or do maintenance or rigging of the landing gear without first placing the airplane on jacks. Stay clear of the wheel wells, landing gears and landing gear doors while the landing gear is in operation. When jacking the airplane in an unsheltered area where winds in excess of 35 knots may be encountered, never jack more than one landing gear clear of the ground at a time. Any time the landing gear is only partially retracted during maintenance, always cycle the landing gear with the power pack through at least one complete cycle before removing the airplane from the jacks.

4. Re-connect the remote control circuit breaker (RCCB). (Refer to the applicable Wiring Diagram Manual, Chapter 32, Hydraulic Landing Gear Control.)
5. Remove the maintenance warning tags and connect the airplane battery.
6. Do the Power Pack Motor - Adjustment/Test. (Refer to the applicable Maintenance Manual, Chapter 32, Power Pack Motor- Adjustment/Test.)
7. Install the 511AT, 511DB, and 511EB Access Panels. (Refer to the applicable Maintenance Manual, Chapter 6, Airplane Access Panels - Description and Operation.)
8. 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

No parts are required to complete this service document.

* Please contact your Regional Textron Aviation Parts Distribution Customer Support Team 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).

For more information, please visit the TAPD Support & Aftermarket Account Management website at <https://ww2.txtav.com/Parts/Promos/TAPD>.

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

TITLE

LANDING GEAR - POWER PACK REMOTE CONTROL CIRCUIT BREAKER WIRING INSPECTION

TO:

Beechcraft Model B300 and B300C Aircraft Owner

REASON

During initial installation of the hydraulic power pack, the wiring to the remote control circuit breaker (RCCB) may not have been installed correctly.

COMPLIANCE

MANDATORY. This service document must be accomplished at the next 200-hour or 12-month inspection.

LABOR HOURS

WORK PHASE	LABOR-HOURS
Modification	3
Test and Inspection	2

MATERIAL AVAILABILITY

No part are required to complete this service document.

* Please contact your Regional Textron Aviation Parts Distribution Customer Support Team 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).

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

WARRANTY

This service document is *mandatory*. 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 Beechcraft 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: March 01, 2025 (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.