

**TITLE**

NAVIGATION - TRANSMITTAL OF COLLINS AEROSPACE SERVICE BULLETIN ATL-4000-34-D,  
 NAVIGATION - ALT-4000 - EVALUATION OF SURFACE MOUNT FERRITE BEAD USED ON THE POWER  
 SUPPLY

**EFFECTIVITY**

MODEL	SERIAL NUMBERS
525 (M2)	-1052, -1054, -1055, -1057, -1059 thru -1062, 1068, -1071
525B (CJ3+)	-0608 thru -0614, -0616
525C (CJ4)	-0322 thru -0329, -0331 thru -0345
560XL (Citation XLS+)	-6285 thru -6289

**REASON**

There have been multiple instances where a ALT-4000 Radio Altimeter (RADALT) has reported an altitude of approximately 1400 feet instead of No Computed Data (NCD) while above 2600 feet. It has been determined that faulty ferrite beads on the power supply assembly of the RADALT are the cause of the issue.

**DESCRIPTION**

This service letter transmits Collins Aerospace service bulletin ATL-4000-34-D, Navigation - ALT-4000 - Evaluation Of Surface Mount Ferrite Bead Used on the Power Supply.

**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.

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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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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.

### REFERENCES

Collins Aerospace service bulletin ATL-4000-34-D, Navigation - ALT-4000 - Evaluation Of Surface Mount Ferrite Bead Used on the Power Supply

### PUBLICATIONS AFFECTED

None

### ACCOMPLISHMENT INSTRUCTIONS

1. Review the attached Collins Aerospace Service Bulletin ALT-4000-34-D for applicability.
2. Return the existing 822-0615-002, 822-0615-202, or 822-0615-206 Altimeter (ALT-4000) to Textron Aviation for exchange.

**NOTE:** The existing 822-0615-002, 822-0615-202, or 822-0615-206 Altimeter (ALT-4000) may be returned to Textron Aviation Parts Distribution, Warranty Administration, 285 South Greenwich Road, Bldg B89, Docks 1-4, Wichita, KS 67206, USA, and exchanged for an upgraded unit. Due to limited availability, advance scheduling is required, please expedite the return of the removed part.

3. 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 applicable part below to install this modification.

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
822-0615-002	1	Altimeter (ALT-4000)	Same	Exchange
822-0615-202	1	Altimeter (ALT-4000)	Same	Exchange
822-0615-206	1	Altimeter (ALT-4000)	Same	Exchange

The existing 822-0615-002, 822-0615-202, or 822-0615-206 Altimeter (ALT-4000) may be returned to Textron Aviation Parts Distribution, Warranty Administration, 285 South Greenwich Road, Bldg B89, Docks 1-4, Wichita, KS 67206, USA, and exchanged for an upgraded unit. Due to limited availability, advance scheduling is required, please expedite the return of the removed part.