

**TITLE**

WATER/WASTE - INSPECTION OF THE TOILET DEMISTER

**EFFECTIVITY****MODEL**

700 (Citation Longitude)

**SERIAL NUMBERS**

-0004, -0008 thru -0023, -0025 thru -0031

The equivalent of this service document has been incorporated on production airplanes -0032 and On.

**REASON**

To inspect the remote demister assembly for possible debonding.

**DESCRIPTION**

This service document provides parts and instructions to inspect the remote demister assembly for affected serial numbers and replace if one is found.

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

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**REFERENCES**

Cessna Model 700 Maintenance Manual

**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 the airplane batteries.
    - (2) Disconnect external electrical power.
  - 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. Examine the remote demister (UY114) for affected serial number as follows:
  - A. Remove fuselage access panel 314BR to get access to the remote demister (UY114) aft of the waste tank. (Refer to Cessna Model 700 Maintenance Manual, Chapter 6, Fuselage Access Panel - Removal/Installation and Cessna Model 700 Maintenance Manual, Chapter 38, Remote Demister - Removal/Installation.)
  - B. (Refer to Table 1.) With a high intensity light and inspection mirror, locate the serial number on the remote demister.
  - C. If the serial number does not fall within the affected serial number range of Table 1, go to Step 2.E.
  - D. If the serial number falls within the affected serial number range of Table 1, do the steps that follow:
    - (1) Remove the existing 4100824-002 Remote Demister Assembly. (Refer to Cessna Model 700 Maintenance Manual, Chapter 38, Remote Demister - Removal/Installation.)
    - (2) Install one new 4100824-002 Remote Demister Assembly. (Refer to Cessna Model 700 Maintenance Manual, Chapter 38, Remote Demister - Removal/Installation.)
  - E. Install fuselage access panel 314BR. (Refer to Cessna Model 700 Maintenance Manual, Chapter 6, Fuselage Access Panel - Removal/Installation.)

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List of Affected Remote Demister Serial Numbers			
14DEC2017-001	11JUN2018-001	31JUL2018-005	19APR2019-001
14DEC2017-002	11JUN2018-002	31JUL2018-006	19APR2019-002
18DEC2017-002	11JUN2018-003	31JUL2018-007	19APR2019-003
	11JUN2018-004	31JUL2018-008	19APR2019-004
20APR2018-001	11JUN2018-005	31JUL2018-009	19APR2019-005
20APR2018-002	11JUN2018-006	31JUL2018-010	19APR2019-006
20APR2018-003	11JUN2018-007		19APR2019-007
20APR2018-004	11JUN2018-008		19APR2019-008
20APR2018-005	11JUN2018-009		19APR2019-009
20APR2018-006	11JUN2018-010		19APR2019-010
20APR2018-007	31JUL2018-001		
20APR2018-008	31JUL2018-002		
20APR2018-009	31JUL2018-003		
20APR2018-010	31JUL2018-004		

Table 1

- Remove the maintenance warning tags and connect the airplane batteries.
- 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

If necessary, order the kit/parts below to install this modification.

NEW P/N	QUANTITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
4100824-002	1	Remote Demister	4100824-002	

The existing 4100824-002 Remote Demister 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.

\* 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.

In cases where the required part(s) are approved as exchange, order the exchange part and, upon completion, expedite the return of the removed part to avoid return penalties. Contact the Textron Aviation Parts Distribution Sales Desk for availability of exchange parts.



**TITLE**

WATER/WASTE - INSPECTION OF THE TOILET DEMISTER

**TO:**

Cessna Model 700 Aircraft Owner

**REASON**

To inspect the remote demister assembly for possible debonding.

**COMPLIANCE**

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

**LABOR HOURS**

WORK PHASE	LABOR-HOURS
Modification	2.0
Test and Inspection	1.0

**MATERIAL AVAILABILITY**

If necessary order the part below to complete this service document.

PART NUMBER	AVAILABILITY	COST
4100824-002	*	*

The existing 4100824-002 Remote Demister 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.

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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.

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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](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:** February 28, 2023 (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.