

TITLE

LANDING GEAR - PARKING BRAKE ASSEMBLY INSPECTION

EFFECTIVITY**MODEL**

680

SERIAL NUMBERS

-0584 thru -0589

REASON

During installation of the parking brake assembly, a loose packaged jam nut was not installed.

DESCRIPTION

This service document provides parts and instructions to install the jamnut on the parking brake assembly.

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.

REFERENCES

Cessna Model 680 Maintenance Manual

Cessna Model 680 Interiors Maintenance Manual

July 28, 2021

SL680-32-17
Page 1 of 4

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

PUBLICATIONS AFFECTED

None

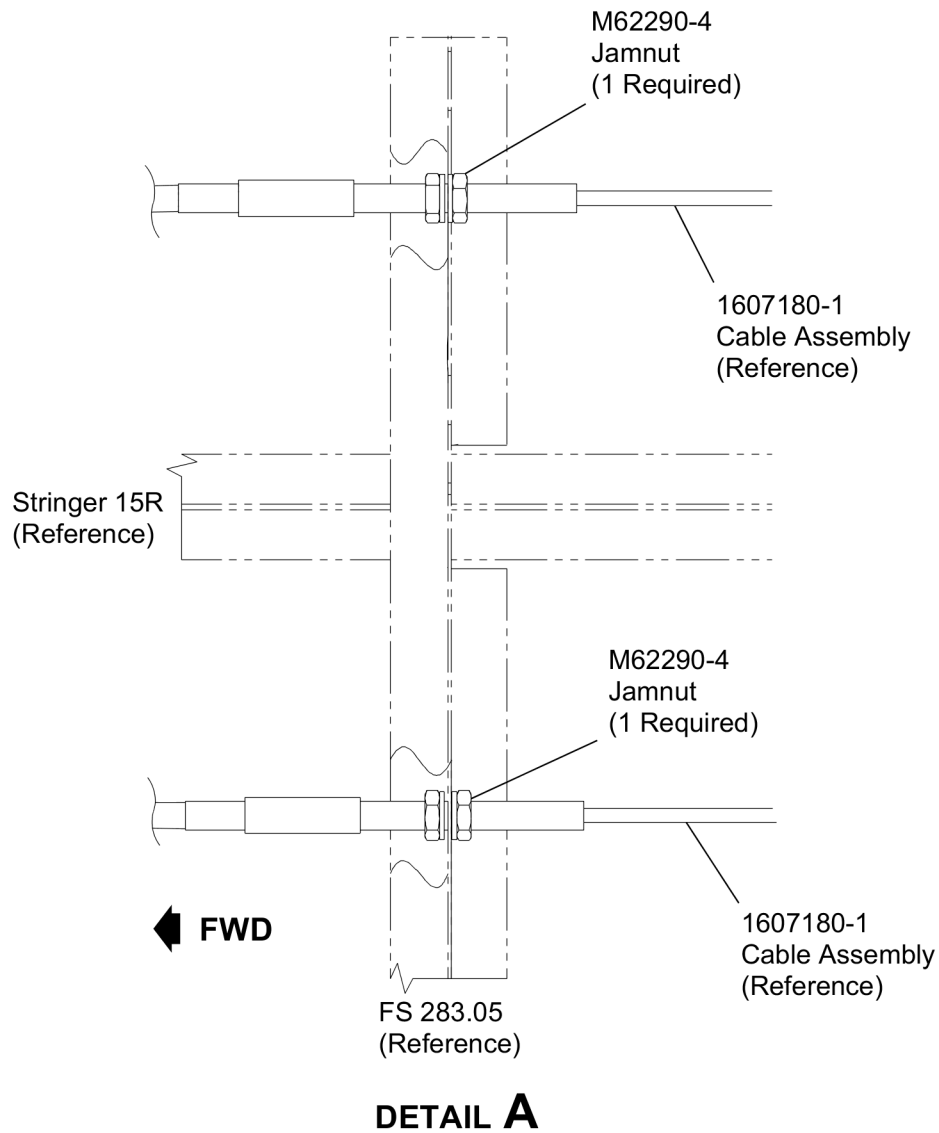
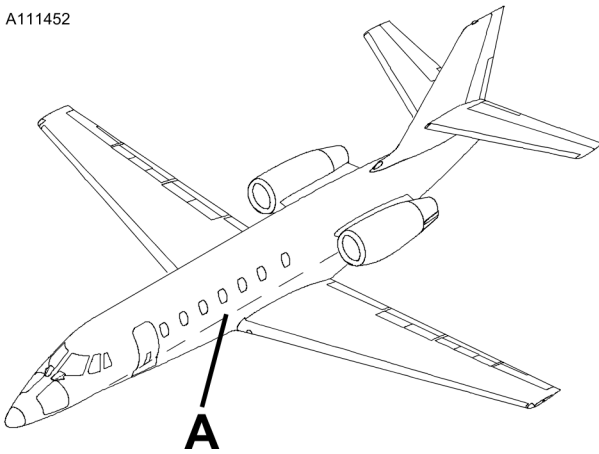
ACCOMPLISHMENT INSTRUCTIONS

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 batteries.
 - 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. Install the missing M62290-4 Jamnuts.
 - A. Remove the right side passenger seat number 6 common to FS 283.05. (Refer to the 680 Maintenance Manual, Chapter 25, Passenger Compartment Seats - Maintenance Practices.)
 - B. Remove the interior carpeting to gain access to the right side. (Refer to the Model 680 Interior Maintenance Manual and Illustrated Parts Catalog, Chapter 25, Passenger Compartment.)
 - C. Remove floor board access panels 162DT and 162ET. (Refer to the 680 Maintenance Manual, Chapter 6, Access Plates and Panels Identification - Description and Operation.)
 - D. (Refer to Figure 1, Sheet 1.) Disconnect the 1607180-1 Brake Cable Assemblies from the aft side of the frame at fuselage station 283.05.
 - E. Install the missing M62290-4 Jamnuts on the 1607180-1 Cable Assemblies.
 - F. Connect the 1607180-1 Brake Cable Assemblies and torque the M62290-4 Jamnuts to 35-40 inch-pounds. (Refer to the Citation Standard Maintenance Practices, Chapter 20, Torque Data - Maintenance Practices.)
 - G. Safety wire the M62290-4 Jamnuts. (Refer to the Citation Standard Maintenance Practices, Chapter 20 Safetying - Maintenance Practices.)
 - H. Do a functional check of the parking brake system. (Refer to the Model 680 Maintenance Manual, Chapter 32, Power Brake and Antiskid System - Inspection/Check.)
 - I. Install the floor board access panels 162DT and 162ET. (Refer to the 680 Maintenance Manual, Chapter 6, Access Plates and Panels Identification - Description and Operation.)
 - J. Install the interior carpeting. (Refer to the Model 680 Interior Maintenance Manual and Illustrated Parts Catalog, Chapter 25, Passenger Compartment.)
 - K. Install the right side passenger seat number 6 common to FS 283.05. (Refer to the 680 Maintenance Manual, Chapter 25, Passenger Compartment Seats - Maintenance Practices.)
3. Remove the maintenance warning tags and connect the airplane batteries.
4. 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.

A111452



DETAIL A

6910T1001
A6964000-21

Figure 1. Parking Brake Cable Installation (Sheet 1)

MATERIAL INFORMATION

Order the part below to install this modification.

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
M62290-4	2	Jamnut		Install

* 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).

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 - PARKING BRAKE ASSEMBLY INSPECTION

TO:

Cessna Model 680 (Citation Sovereign) Aircraft Owner

REASON

During installation of the parking brake assembly, a loose packaged jam nut was not installed.

COMPLIANCE

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

LABOR HOURS

WORK PHASE	LABOR-HOURS
Modification	1.0
Test and Inspection	3.5

MATERIAL AVAILABILITY

PART NUMBER	AVAILABILITY	COST
M62290-4	*	*

* 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).

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.

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.

July 28, 2021

SL680-32-17
Page 1 of 2

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

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 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: July 31, 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 to register.