

REVISION TRANSMITTAL

This sheet transmits Revision 1 to SB680-23-10 which:

- A. Added Note: Service Bulletin 680-34-42, Navigation - Installation of Aircraft Communications Address and Reporting System (ACARS) Software, Initial Release or later must be completed before or in conjunction with this service bulletin to the Effectivity Section of the bulletin.
- B. Changed Step 2 from 'Aircraft -0501 thru -0519 without a right iridium antenna installed, do as follows:' to 'Aircraft -0501 thru -0519 without a left iridium antenna installed, do as follows:'
- C. Changed Step 2 Note from 'The right antenna is the Iridium antenna for the GSR 56(s). The left antenna is the Aircell antenna. These antennas are identical' to 'The left antenna is the Iridium antenna for the GSR 56(s). The right antenna is the Aircell antenna. These antennas are identical'.
- D. Changed Step 3 from 'Aircraft -0520 thru -0555 without a right iridium antenna installed, do the steps that follow' to 'Aircraft -0520 thru -0555 without a left iridium antenna installed, do the steps that follow:'.
- E. Changed Step 3 Note from 'The right antenna is the Iridium antenna for the GSR 56(s). The left antenna is the Aircell antenna. These antennas are identical' to 'The left antenna is the Iridium antenna for the GSR 56(s). The right antenna is the Aircell antenna. These antennas are identical'.
- F. Change Step 4 from 'Aircraft that have a right iridium antenna installed, do as follows:' to Aircraft that have a left iridium antenna installed, do as follows:'.
- G. Changed Step 4 Note from 'The right antenna is the Iridium antenna for the GSR 56(s). The left antenna is the Aircell antenna. These antennas are identical' to 'The left antenna is the Iridium antenna for the GSR 56(s). The right antenna is the Aircell antenna. These antennas are identical'.

NOTE: This revision replaces Original Issue of SB680-23-10 in its entirety.

NOTE: This transmittal sheet provides a complete description of the changes made by this revision, except for editorial changes.

REVISION COMPLIANCE

NO EFFECT. Airplanes previously modified by this service bulletin are not affected by this revision.

LOG OF REVISIONS

Original Issue	April 1, 2021
Revision 1	August 4, 2021

TITLE

COMMUNICATIONS - INSTALLATION OF GARMIN IRIDIUM DATALINK EQUIPMENT AND SOFTWARE

EFFECTIVITY**MODEL**

680+ (Sovereign+)

SERIAL NUMBERS

-0501 thru -0600

NOTE: Textron Aviation-owned Service Centers are the only facilities that can complete this service document.

NOTE: Service Bulletin 680-34-39, Navigation - Garmin G5000 Software Update 4.8 to Version A2, Initial Release or later must be completed before or in conjunction with this service bulletin.

NOTE: Service Bulletin 680-34-42, Navigation - Installation of Aircraft Communications Address and Reporting System (ACARS) Software, Initial Release or later must be completed before or in conjunction with this service bulletin.

REASON

To install a Garmin Iridium Datalink equipment and software.

DESCRIPTION

This service document provides parts and instructions to install a Garmin Iridium Equipment and software.

NOTE: This service bulletin will require the following software:

- Part Number - 010-01249-A2 Garmin 4.8, Version A2 Software Base Loader Card (existing)

COMPLIANCE

OPTIONAL. This service document can be accomplished at the discretion of the owner.

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.

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APPROVAL

Textron Aviation received FAA approval for the technical data in this publication that changes the airplane type design.

Textron Aviation received EASA approval for the technical data in this publication that changes the airplane type design.

FLIGHT CREW OPERATIONS

Refer to the attached *Flight Crew Operations Summary*.

CONSUMABLE MATERIAL

No specialized consumable materials are required to complete this service document.

TOOLING

No specialized tooling is required to complete this service document.

WEIGHT AND BALANCE INFORMATION

Requires aircraft reweigh to determine new weight and balance. Record new data in Airplane Flight Manual.

REFERENCES

Cessna Model 680 Maintenance Manual.

NOTE: To install the Iridium Datalink equipment on your airplane, you must get the engineering documents that follow. You must use the most recent revision and all of the applicable drawing change notices (DCN) for each engineering document.

DOCUMENT NUMBER	TITLE
8909313-19	AES Support Structure Tailcone
8909342-2	Equipment Installation - GSR56
8909343-1	Harness Installation - GSR56
8909343-4	Harness Installation - GSR56
8909344-1	Equipment Installation - Filter
8909344-2	Equipment Installation Filter
8909335-2	Installation of Dual Iridium Antenna
8909335-4	Installation of Dual Iridium Antenna

PUBLICATIONS AFFECTED

Cessna Model 680 (Sovereign+) Airplane Flight Manual (0501 and On) (68FMA)

Cessna Model 680 Illustrated Part Catalog

ACCOMPLISHMENT INSTRUCTIONS

1. Prepare the aircraft 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 battery.
 - (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. Aircraft -0501 thru -0519 without a left iridium antenna installed, do as follows:

NOTE: The left antenna is the Iridium antenna for the GSR 56(s). The right antenna is the Aircell antenna. These antennas are identical.

- A. Install one 8909335-3 Doubler and 8909312-4 Shim on the aircraft. (Refer to Engineering Drawing 8909335-2.)
- B. Drill one hole through aircraft skin to match the doubler. (Refer to Engineering Drawing 8909355-2.)
- C. Install four NAS1474A3 Nutplates. (Refer to Engineering Drawing 8909355-2.)
- D. Install one S67-1575-365(A) Iridium Antenna. (Refer to Engineering Drawing 8909335 -4 or Cessna Model 680 Maintenance Manual, Chapter 23, Garmin Satellite Telephone System - Maintenance Practices.)
- E. Install one 8909313-23 Shelf Assembly. (Refer to Engineering Drawing 8909313-19.)
- F. Install one 115-01018-00 GSR Remote Rack, (Refer Engineering Drawing 8909342-2.)
- G. Install one 8969333-2 Harness Assembly. (Refer to Engineering Drawing 8909343-1.)
- H. Install one 500-29014-01 Coaxial Assembly. (Refer to Engineering Drawing 8909343-1.)
- I. Aircraft that have Swift Broadband installed, do the steps that follow:
- (1) Install one 8909317-3 Bracket Assembly. (Refer to Engineering Drawing 8909344-2.)
- (2) Install one P13167 Dual Iridium Filter. (Refer to Engineering Drawing 8909344-1.)
- (3) Install one 500-29014-12 Coaxial Assembly. (Refer to Engineering Drawing 8909343-4.)
- NOTE:** Installation of the 500-29014-12 Coaxial Assembly routes and connects the GSR 56 #1 to the P13167 Dual Iridium Filter. The 500-29014-01 Coaxial Assembly installed in Step H will need to be routed and connected from the P13167 Filter to the S67-1575-365(A) Iridium Antenna. (Refer to Engineering drawing 8909343-4.)
- (4) Install one 79125 Angle/Plug Jack. (Refer to Engineering Drawing 8909343-4.)
- J. Go to Step 5.

3. Aircraft -0520 thru -0555 without a left iridium antenna installed, do the steps that follow:

NOTE: The left antenna is the Iridium antenna for the GSR 56(s). The right antenna is the Aircell antenna. These antennas are identical.

- A. Locate the 8909335-3 Doubler on the aircraft. (Refer to Engineering Drawing 8909335-2.)
- B. Drill hole through the aircraft skin to match the doubler. (Refer to Engineering Drawing 8909335-2.)
- C. Install four NAS1474A3 Nutplates. (Refer to Engineering Drawing 8909355-2.)
- D. Install one S67-1575-365(A) Iridium Antenna. (Refer to Engineering Drawing 8909335 -4 or Cessna Model 680 Maintenance Manual, Chapter 23, Garmin Satellite Telephone System - Maintenance Practices.)
- E. Install one 8909313-23 Shelf Assembly. (Refer to Engineering Drawing 8909313-19.)
- F. Install one 115-01018-00 GSR Remote Rack, (Refer Engineering Drawing 8909342-2.)
- G. Install one 500-29014-01 Coaxial Assembly. (Refer to Engineering Drawing 8909343-1.)
- H. Install one 8969333-2 Harness Assembly. (Refer to Engineering Drawing 8909343-1.)
- I. Aircraft that have Swift Broadband installed, do the steps that follow:
- (1) Install one 8909317-3 Bracket Assembly. (Refer to Engineering Drawing 8909344-2.)

- (2) Install one P13167 Dual Iridium Filter. (Refer to Engineering Drawing 8909344-1.)
- (3) Install one 500-29014-12 Coaxial Assembly. (Refer to Engineering Drawing 8909343-4.)

NOTE: Installation of the 500-29014-12 Coaxial Assembly routes and connects the GSR 56 #1 to the P13167 Dual Iridium Filter. The 500-29014-01 Coaxial Assembly installed in Step G. will need to be routed and connected from the P13167 Filter to the S67-1575-365(A) Iridium Antenna. (Refer to Engineering drawing 8909343-4.)

- (4) Install one 79125 Angle/Plug Jack. (Refer to Engineering Drawing 8909343-4.)

J. Go to Step 5.

4. Aircraft that have a left iridium antenna installed, do as follows:

NOTE: The left antenna is the Iridium antenna for the GSR 56(s). The right antenna is the Aircell antenna. These antennas are identical.

- A. Remove one S67-1575-165 Iridium Antenna and discard. (Refer to Cessna Model 680 Maintenance Manual, Chapter 23, Garmin Satellite Telephone System - Maintenance Practices.)
- B. Install one S67-1575-365(A) Iridium Antenna. (Refer to Cessna Model 680 Maintenance Manual, Chapter 23, Garmin Satellite Telephone System - Maintenance Practices.)
- C. Install one 115-01018-00 GSR Remote Rack, (Refer Engineering Drawing 8909342-2.)
- D. Install one 500-29014-01 Coaxial Assembly. (Refer to Engineering Drawing 8909343-1.)
- E. Install one 896933-2 Harness Assembly. (Refer to Engineering Drawing 8909343-1.)
- F. Aircraft that have Swift Broadband installed, do the steps that follow:

- (1) Install one 500-29014-12 Coaxial Assembly. (Refer to Engineering Drawing 8909343-4.)

NOTE: Installation of the 500-29014-12 Coaxial Assembly routes and connects the GSR 56 #1 to the P13167 Dual Iridium Filter. The 500-29014-01 Coaxial Assembly installed in Step D. will need to be routed and connected from the P13167 Filter to the S67-1575-365(A) Iridium Antenna. (Refer to Engineering drawing 8909343-4.)

- (2) Install one 79125 Angle/Plug Jack. (Refer to Engineering Drawing 8909343-4.)

G. Go to Step 5.

5. Install one 011-02268-01 Garmin Satellite Receiver (GSR) 56 into the GSR 56 # 1 mounting tray. (Refer to Cessna Model 680 Maintenance Manual, Chapter 23, Garmin Satellite Telephone System - Maintenance Practices.)
6. Remove the maintenance warning tags and connect the airplane battery.
7. Load the Iridium Datalink (FK676N- Iridium Datalink) file as follows:
 - A. Disengage the circuit breakers (CB) that follow:
 - L PFD GTC (Left CB Panel - E4)
 - MFD L GTC (Left CB Panel - N3)
 - MFD R GTC (Right CB Panel - MM4)
 - R PFD GTC (Right CB Panel - NN4)
 - B. If not already done, connect external electrical power to the aircraft.
 - C. If necessary, adjust the power unit to 28 VDC ($\pm .05$) VDC.
 - D. Set the L AVN and the R AVN switch on the left switch panel to the ON position.
 - E. Push and release the EXT PWR switch to the ON position.
 - F. Push and release the L BATT and R BATT switches to the ON position.
 - G. Make sure that the BUS TIE switch on the left switch panel shows CLOSED.

- H. Make sure that the L ELEC and the R ELEC switch on the left switch panel show NORM.
- I. Turn the L Primary Flight Display (PFD), R PFD and the Multi-Function Display (MFD) dimmer knobs fully counter-clockwise to the OFF position.
- J. Make sure the L PFD, R PFD and MFD and all Garmin Touch Controllers (GTC) are not on.
- K. Install the 010-01249-A2 Garmin 4.8, Version A2 Software Base Loader Card into the upper Secure Digital (SD) card slot of the R PFD.
- L. Push and hold the right inner knob on the left PFD GTC and engage the L PFD GTC CB (E4).
 - (1) Release the right inner knob on the left PFD GTC when INITIALIZING message shows on the GTC screen.
- M. Push and hold the right knob on the left MFD GTC and engage the MFD L GTC circuit breaker (N3).
 - (1) Release the right knob on the left MFD GTC when INITIALIZING message shows on the GTC screen.
- N. Push and hold the right knob on the right MFD GTC and engage the MFD R GTC circuit breaker (MM4).
 - (1) Release the right knob on the right MFD GTC when INITIALIZING message shows on the GTC screen.
- O. Push and hold the right knob on the right PFD GTC and engage the R PFD GTC circuit breaker (NN4).
 - (1) Release the right knob on the right PFD GTC when INITIALIZING message shows on the GTC screen
- P. After initialization of the GTCs, make sure all GTCs show the CONFIG MODE screen.
- Q. Turn the R PFD dimmer knob clockwise to the full bright position.
- R. After the initialization of the R PFD, make sure the INITIALIZING SYSTEM message shows in the top left corner of the R PFD.

NOTE: The R PFD will automatically start to load the software.
- S. When the software load is complete, the SYSTEM STATUS page will show at the top of R PFD.
- T. Remove the 010-01249-A2 Garmin 4.8, Version A2 Software Base Loader Card from the R PFD.
- U. Install the 010-01249-A2 Garmin 4.8, Version A2 Software Base Loader Card into the upper Secure Digital (SD) card slot of the MFD.
- V. Turn the MFD dimmer knob clockwise to the full bright position.
- W. After the initialization of the MFD, make sure the INITIALIZING SYSTEM message shows in the top left corner of the MFD.

NOTE: The MFD will automatically start to load the software.
- X. When the software load is complete, the SYSTEM STATUS page will show at the top of MFD.
- Y. Remove the 010-01249-A2 Garmin 4.8, Version A2 Software Base Loader Card from the MFD.
- Z. Turn the L PFD dimmer knob clockwise to the full bright position.
- AA. Install the 010-01249-A2 Garmin 4.8, Version A2 Software Base Loader Card into the upper Secure Digital (SD) card slot of the L PFD.
- AB. After the initialization of the L PFD, make sure the INITIALIZING SYSTEM message shows in the top left corner of the L PFD.

NOTE: The L PFD will automatically start to load the software.
- AC. When the software load is complete, the SYSTEM UPLOAD page will show at the top of L PFD.

AD. Load the Iridium Datalink FK676N- Iridium Datalink) option as follows:

- (1) Push and release the right knob on the pilot's right GTC to activate the cursor.
- (2) Turn the right inner knob on the pilot's right GTC to the right and highlight 'Options' in the GROUP field.
- (3) Push and release Enter on the GTC.
- (4) Turn the right outer knob on the pilot's right GTC to the left until the cursor is in the ITEM field.
- (5) Turn the right inner knob on the pilot's right GTC and highlight 'FK676N Iridium Datalink' in the ITEM field.
- (6) Push and release Enter on the GTC.
- (7) Using the Left and Right arrows on the pilot's right GTC, highlight LOAD at the bottom of the display.
- (8) Push and release the Select icon on the GTC.
- (9) Monitor the configuration load.
 - (a) Push and release Enter when the loading is complete to acknowledge the 'Upload and Crossfill Complete' window.

AE. Do the Aircraft Configuration Verification:

- (1) Confirm the AIRCRAFT ID as follows:
 - (a) Push and release the right knob on the pilot's right GTC to deactivate the cursor.
 - (b) Turn the inner knob on the pilot's right GTC to the right until the CONFIGURATION MANAGER screen shows.
 - (c) At the top of the display, make sure that the two AIRCRAFT ID numbers match.
 - (d) If they do not match, do as follows:
 - 1 Using the left and right arrows on the pilot's GTC, highlight CNFRM CFG at the bottom of the display.
 - 2 Select the Select button on the pilot's right GTC.

NOTE: A window will show that states 'Confirm configuration as expected configuration?'
 - 3 Using the left and right arrows on the pilot's right GTC to highlight OK.
 - 4 Select the Enter on the GTC.
 - 5 At the top of the display, make sure the two AIRCRAFT ID numbers in the EXPECTED CONFIGURATION ID column and the ACTUAL CONFIGURATION ID column match.
- (2) Make sure the Configuration is correct as follows:
 - (a) Push the inner knob on the pilot's right GTC to activate the cursor.
 - (b) Use the outer knob on the pilot's right GTC to scroll through the list of LRU's in the CONFIGURATION ITEMS box.
 - 1 Make sure that both columns for each LRU shows Valid (in green) except for GSR1 and GSR2 which if installed, will show 'Status Not Supported' (in gray).

AF. Check the Transaction Log as follows:

- (1) Push and release the right knob on the pilot's right GTC to deactivate the cursor.

- (2) Turn the right inner knob on the pilot's right GTC to the left until the Transaction Log screen shows.
 - (a) Make sure there is a line entry for FK676N - Iridium Datalink option.
 - (b) Make sure there is a (green) pass in the Status column.
 - (c) Make sure there is not a line entry marked CNFM CFG with (amber) 'FLEET ID UPDATED' in the Status column.

1 If an (amber) 'FLEET ID UPDATED' is present, software and configuration must be reloaded.

NOTE: It is acceptable to have a line entry of CNFM CFG with 'AIRCRAFT ID UPDATED' (in white) in the STATUS column or no line entry with CNFM CFG.

NOTE: Make sure that there are no entries with an amber or red indication in the STATUS column. Green and white are the only acceptable colors for status.

- (3) Turn aircraft electrical power off.
- (4) Remove the 010-01249-A2 Garmin 4.8, Version A2 Software Base Loader Card) from the upper slot of the L PFD.
- (5) Turn aircraft electrical power on.

AG. Do the Final Verification/Return to Service as follows:

- (1) Check the LRU status as follows:
 - (a) Select Home on the pilot's right GTC.
 - (b) Select Utilities.
 - (c) Select Setup.
 - (d) Select Avionics Status.
 - (e) Select the LRU Info tab.

1 Make sure all the LRU's show a green check mark.

- (2) Check the Message Status as follows:

- (a) Select MSG on the pilot's right GTC.

1 Make sure no DB Mismatch message shows.

2 Make sure no Manifest message shows.

3 Make sure no Config message shows.

- (b) Make sure the AVIONICS CONFIG CAS message is not shown.

AH. Turn the outer knob of the L PFD-GTC DIM knob to the OFF position.

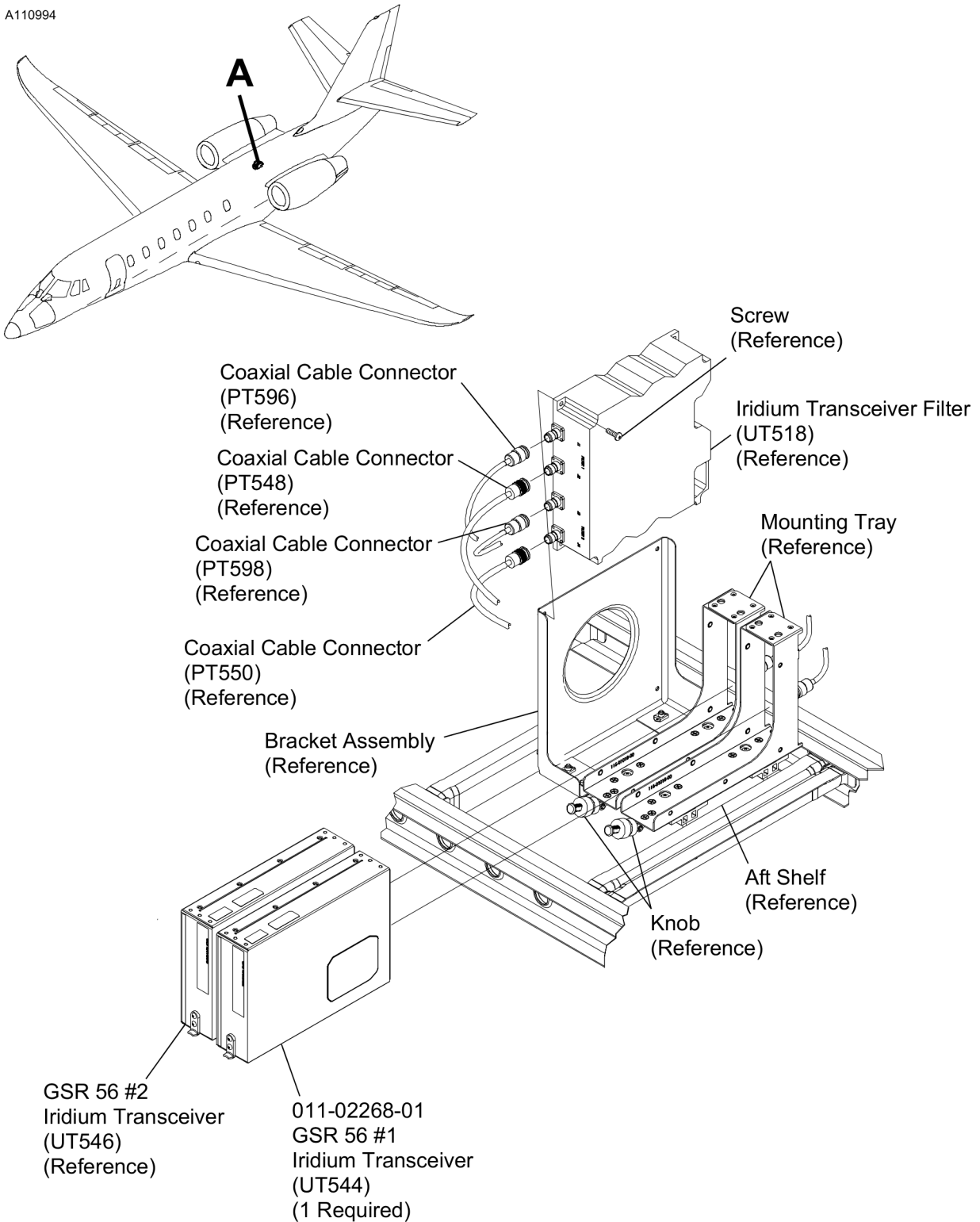
8. Do the Garmin Voice/Data Satellite Communication System Operational Check (GSR 56 Transceiver#1 - Data Check). (Refer to the Cessna Model 680 Maintenance Manual, Chapter 23, Garmin Voice/Data Satellite Telephone System - Adjustment/Test.)
9. Turn aircraft electrical power off.
10. Make sure the flight crew receives the *Flight Crew Operations Summary*, which shows the operational changes that are a result of the accomplishment of this service bulletin.

11. 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.

A110994



DETAIL A

Figure 1. Installation of the Garmin Satellite Receiver (GSR) 56 # 1 (Sheet 1)

6910T1104
6914T1588

MATERIAL INFORMATION

Aircraft -0501 thru -0519 without an iridium antenna installed, order the kit below to install this modification.

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
SB680-23-10-0	1	Kit , consisting of the following parts:		
MS21919WDG3	4	Clamp	Install	
MS21919WDG4	6	Clamp	Install	
MS27029-1-13	4	Screw	Install	
MS27039-0808	12	Screw	Install	
MS27039-0817	4	Screw	Install	
MS27039-0822	1	Screw	Install	
MS27039-0825	2	Screw	Install	
NAS1474A3	4	Nutplate	Install	
NAS43HT3-48	3	Spacer	Install	
S67-1575-365(A)	1	Iridium Antenna	Install	
115-01018-00	1	GSR Remote Rack	Install	
500-29014-01	1	Coaxial Assembly	Install	
8909312-4	1	Shim	Install	
8909313-23	1	Shelf Assembly	Install	
8909335-3	1	Doubler	Install	
8969333-2	1	Harness Assembly - GSR 56 #1	Install	
SB680-23-10	1	Instructions		

NOTE: All necessary hardware and consumable's for the installation of the doubler and shim, such as rivets and sealant will be provided by the Textron Aviation Service Center,

Aircraft -0520 thru -0555 without an iridium antenna installed, order the kit below to install this modification.

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
SB680-23-10-1	1	Kit , consisting of the following parts:		
MS21919WDG3	4	Clamp	Install	
MS21919WDG4	6	Clamp	Install	
MS27029-1-13	4	Screw	Install	
MS27039-0808	12	Screw	Install	
MS27039-0817	4	Screw	Install	

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
MS27039-0822	1	Screw		Install
MS27039-0825	2	Screw		Install
NAS1474A3	4	Nutplate		Install
NAS43HT3-48	3	Spacer		Install
S67-1575-365(A)	1	Iridium Antenna		Install
115-01018-00	1	GSR Remote Rack		Install
500-29014-01	1	Coaxial Assembly		Install
8909313-23	1	Shelf Assembly		Install
8969333-2	1	Harness Assembly - GSR 56 #1		Install
SB680-23-10	1	Instructions		

Aircraft with an existing iridium antenna installed on the aircraft, order the kit below to install this modification.

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
SB680-23-10-2	1	Kit , consisting of the following parts:		
MS27029-1-13	4	Screw		Install
MS27039-0817	4	Screw		Install
S67-1575-365(A)	1	Iridium Antenna		Install
115-01018-00	1	GSR Remote Rack		Install
500-29014-01	1	Coaxial Assembly		Install
8969333-2	1	Harness Assembly - GSR 56 #1		Install
SB680-23-10	1	Instructions		

Aircraft with a Swift Broadband System, order the kit below to install this modification.

NOTE: This kit should only be ordered if this is the initial installation of the iridium antenna and you have a Swift Broadband System installed.

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
SB680-23-10-3		Kit , consisting of the following parts:		
MS27039-1-08	4	Screw		Install
MS27039-1-10	4	Screw		Install
P13167	1	Dual Iridium Filter		Install
79125	1	Angle/Plug Jack		Install
8909317-3	1	Bracket Assembly		Install

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
500-29014-12	1	Coaxial Assembly - Iridium Datalink	Install	
SB680-23-10	1	Instructions		

Aircraft with Swift Broadband System installed, order the kit below to install this modification.

NOTE: This kit should only be ordered if the aircraft is replacing an existing iridium antenna and has a Swift Broadband System installed.

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
SB680-23-10-4		Kit , consisting of the following parts:		
79125	1	Angle/Plug Jack	Install	
500-29014-12	1	Coaxial Assembly - Iridium Datalink	Install	
SB680-23-10	1	Instructions		

All Aircraft order the part below to install this modification.

NEW P/N	QUANTITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
011-02268-01	1	Garmin Satellite Receiver (GSR) 56	Install	

*Please contact your Regional Textron Aviation Parts Distribution Customer Support Team for current cost and availability of parts listed in this service document. 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.

FLIGHT CREW OPERATIONS SUMMARY

This summary provides additional information for the flight crew regarding operational changes as a result of accomplishment of this service bulletin. Please remove this summary from the service bulletin and give it to the flight crew. This summary is *informational only* and does not supersede any information in the FAA-approved airplane flight manual.

- A second GSR 56 Iridium Transceiver is being added that will be exclusively used to support Iridium Datalink functionality.

TITLE

COMMUNICATIONS - INSTALLATION OF GARMIN IRIDIUM DATALINK EQUIPMENT AND SOFTWARE

TO:

Cessna Model 680+ Aircraft Owner

REASON

To install a Garmin Iridium Datalink equipment and software.

COMPLIANCE

OPTIONAL. This service document can be accomplished at the discretion of the owner.

LABOR HOURS

WORK PHASE	LABOR-HOURS
Modification	As Necessary
Test and Inspection	As Necessary

MATERIAL AVAILABILITY

Order the part below to complete this service document.

PART NUMBER	AVAILABILITY	COST
SB680-23-10-0	*	*
SB680-23-10-1	*	*
SB680-23-10-2	*	*
SB680-23-10-3	*	*
SB680-23-10-4	*	*
011-02268-01	*	*

*Please contact your Regional Textron Aviation Parts Distribution Customer Support Team for current cost and availability of parts listed in this service document. 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

None

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.

