

TITLE

NAVIGATION - STALL WARNING HORN REPLACEMENT FOR CESSNA MODELS 182, U206, 207

EFFECTIVITY

MODEL	SERIAL NUMBERS
182Q	18266545 thru 18267715
182R/T182	18267302, 18267716 thru 18268541
182R	643, 18268542 thru 18268586
U206G/TU206G	676, U20604595 thru U20607020
207A/T207A	20700469 thru 20700788

REASON

The original stall warning horn is no longer available. If the stall warning horn needs to be replaced a new stall warning horn and bracket are available.

DESCRIPTION

This service document provides parts and instructions to remove the original stall warning horn and bracket. Then install the new stall warning horn with the new bracket.

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.

APPROVAL

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

January 5, 2023

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FLIGHT CREW OPERATIONS

No Changes

CONSUMABLE MATERIAL

You must use the consumable materials that follow, or their equivalent, to complete this service document.

NAME	NUMBER	MANUFACTURER	USE
Color Chemical Film Treatment	Alodine 1132 Touch n Prep Pen	Commercially Available	To protect bare aluminum surface.

TOOLING

No specialized tooling is required to complete this service document.

WEIGHT AND BALANCE INFORMATION

Negligible

REFERENCES

Cessna Model 182 and T182 Series (1977-1986) Maintenance Manual

Cessna Model 206 and T206 Series (1977-1986) Service Manual

Cessna Model 207 and T207 Series (1969-1984) Service Manual

NOTE: To make sure all publications used are complete and current. Refer to www.txtavsupport.com.

PUBLICATIONS AFFECTED

Cessna Model 182 and T182 Series (1974-1986) Parts Catalog

Cessna Model 206 and T206 (1974-1986) Illustrated Parts Catalog

Cessna Model 207 and T207 Series (1969-1984) Parts Catalog

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.

NOTE: Use the references that follow for the removal and operational procedures of the stall warning horn.

Cessna Model 182

- Refer to the Cessna Model 182 and T182 Series (1977-1986) Maintenance Manual, Section 3, Fuselage - Seats, Removal/Installation.
- Refer to the Cessna Model 182 and T182 Series (1977-1986) Maintenance Manual, Section 16, Electrical System - Stall Warning System.

Cessna Model U206

- Refer to the Cessna Model 206 and T206 Series (1977-1986) Service Manual, Section 3, Fuselage - Seats, Removal/Installation.
- Refer to the Cessna Model 206 and T206 Series (1977-1986) Service Manual, Section 17, Electrical Systems - Stall Warning System.

Cessna Model 207

- Refer to the Cessna Model 207 and T207 Series (1969-1984) Service Manual, Section 3, Fuselage - Seats, Removal/Installation.
- Refer to the Cessna Model 207 and T207 Series (1969-1984) Service Manual, Section 17, Electrical Systems - Stall Warning System.

2. Remove the co-pilot seat.

3. (Refer to Figure 1, Sheet 1.) Remove the 1670056-6/-7 Stall Warning Horn as follows:

NOTE: Depending upon the airplane model the 1670056-6/-7 Stall Warning Horn Assembly will be mounted on the bottom or forward side of the glovebox assembly. The removal and installation methods are the same for all models within this service document.

- A. Remove and keep the two mounting screws from the 1670056-6/-7 Stall Warning Horn.

NOTE: The kept mounting screws will be used for installation.

- B. Remove the nuts and washers from the studs of the 1670056-6/-7 Stall Warning Horn.

- C. Disconnect the electrical wiring from the 1670056-6/-7 Stall Warning Horn.

- D. Discard the 1670056-6/-7 Stall Warning Horn and the 0713738-3 Bracket Assembly.

4. (Refer to Figure 2, Sheets 1 and 2.) Install the 9910080-5 Stall Warning Horn as follows:

NOTE: All installations of the 9910080-5 Stall Warning Horn will be mounted onto the forward side of the glovebox assembly.

- A. Depending upon where the 1670056-6/-7 Stall Warning Horn was installed, go to the steps as follows:

- (1) If the 1670056-6/-7 Stall Warning Horn was mounted on the forward side of the glovebox assembly, go to Step 4. C.
- (2) If the 1670056-6/-7 Stall Warning Horn was mounted on the bottom side of the glovebox assembly, go to Step 4. B.

- B. (Refer to Figure 3, Sheet 1.) Match drill the two holes of the 0790604-2 Bracket Assembly to a Number 26 (0.147 inch diameter) holes into the glovebox assembly.

- (1) Deburr the drilled holes.
- (2) Apply Color Chemical Film Treatment to all bare metal.

- C. Install the 9910080-5 Stall Warning Horn into the 0790604-2 Bracket Assembly.

- D. Install the knurled nut onto the 9910080-5 Landing Gear Warning Horn.

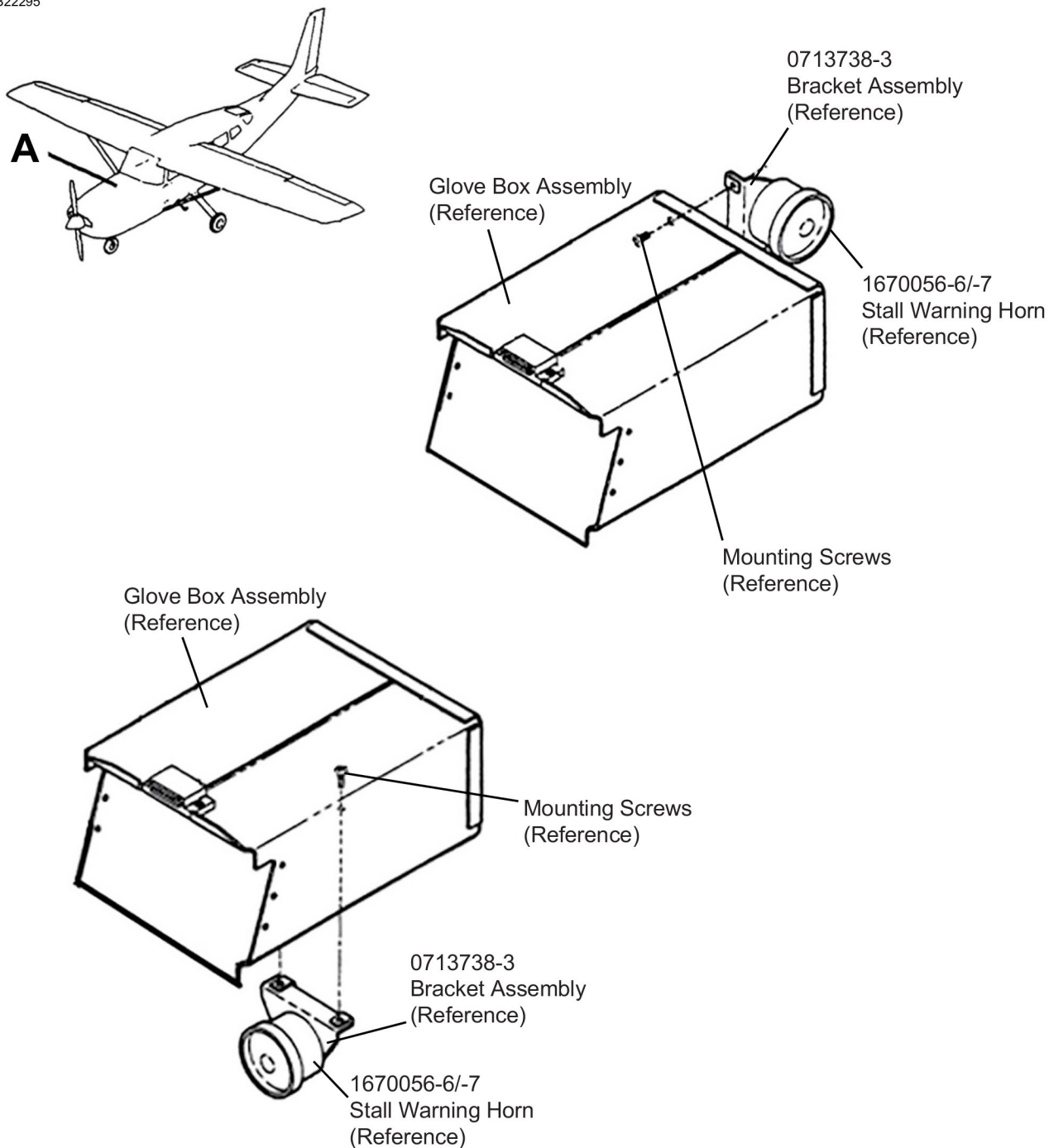
NOTE: The plastic knurled nut must be installed with the three indents toward the bracket and horn assembly. On the internal circumference, the smooth side without threads is installed first, towards the bracket and horn. This technique of installation will make sure the nut fully seats against the bracket and not bottom-out on the threads. If not installed correctly the knurled nut will bottom-out on the threads and the horn assembly will not be fully tightened in the bracket.

- E. Install the 0790604-2 Bracket Assembly with the two kept mounting screws onto the glovebox assembly.
- F. Install the electrical wiring with one MS35333-37 Lock Washer onto each terminal of the 9910080-5 Stall Warning Horn.

NOTE: The screws that attach the wiring are supplied with the 9910080-5 Stall Warning Horn.

5. Remove the maintenance warning tags and connect the airplane battery.
6. Put the master power switch to the ON position.
7. On the left wing, lift the stall vane's tab until the 9910080-5 Stall Warning Horn emits sound.
8. Put the master power switch to the OFF position.
9. Install the co-pilot seat.
10. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.

B22295

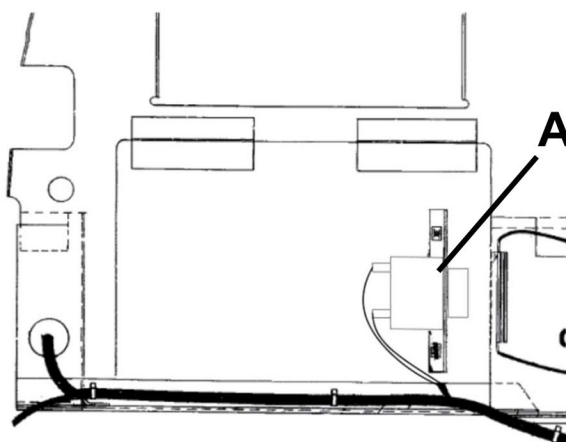
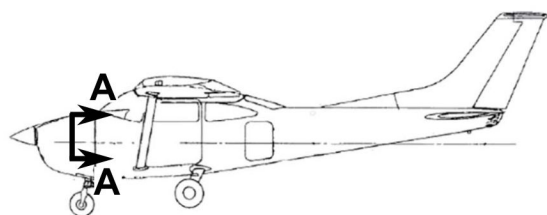
**DETAIL A**

(View Looking at the Glovebox Assembly)

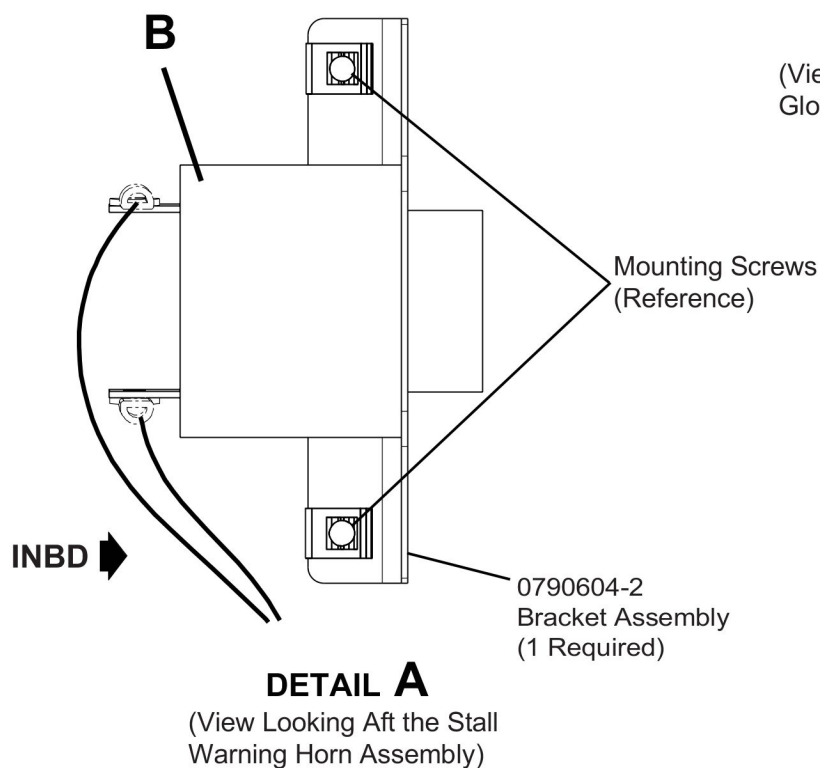
NOTE: There are two possible configurations for the 1670056-6/-7 Stall Warning Horn could be mounted on the glovebox assembly.

Figure 1. Before Modification (Sheet 1)

B22296



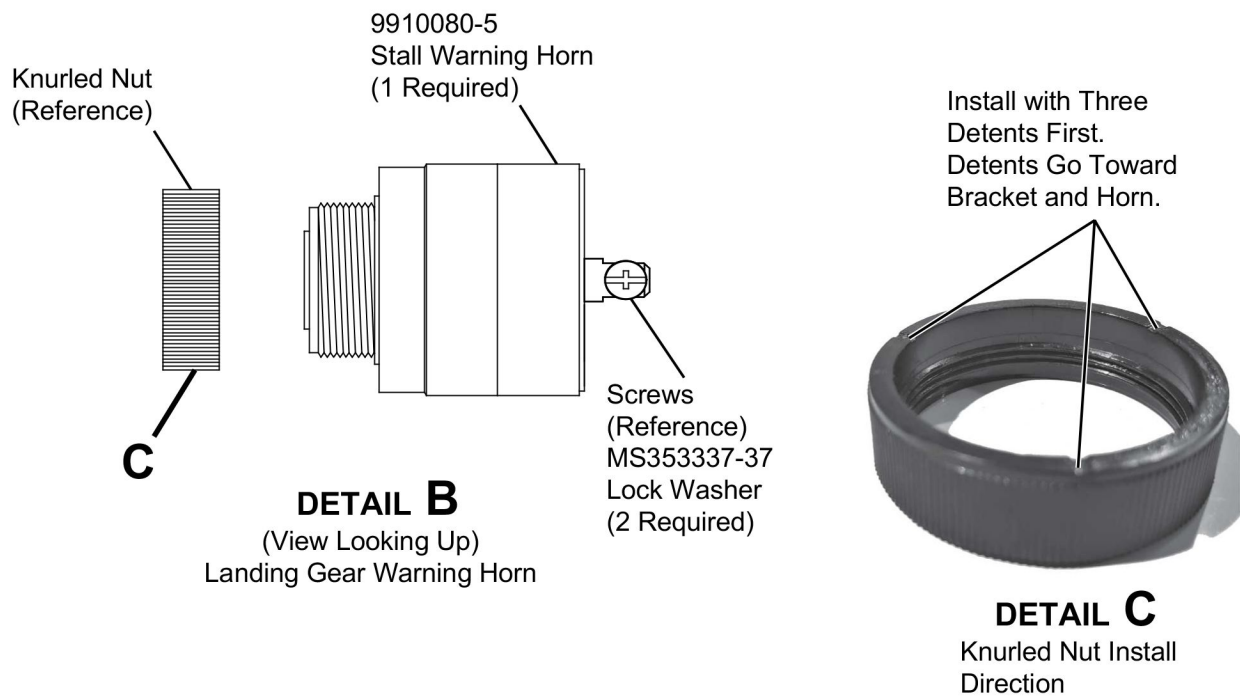
VIEW A-A
(View Looking Aft the
Glovebox Assembly)



0790604

Figure 2. After Modification (Sheet 1)

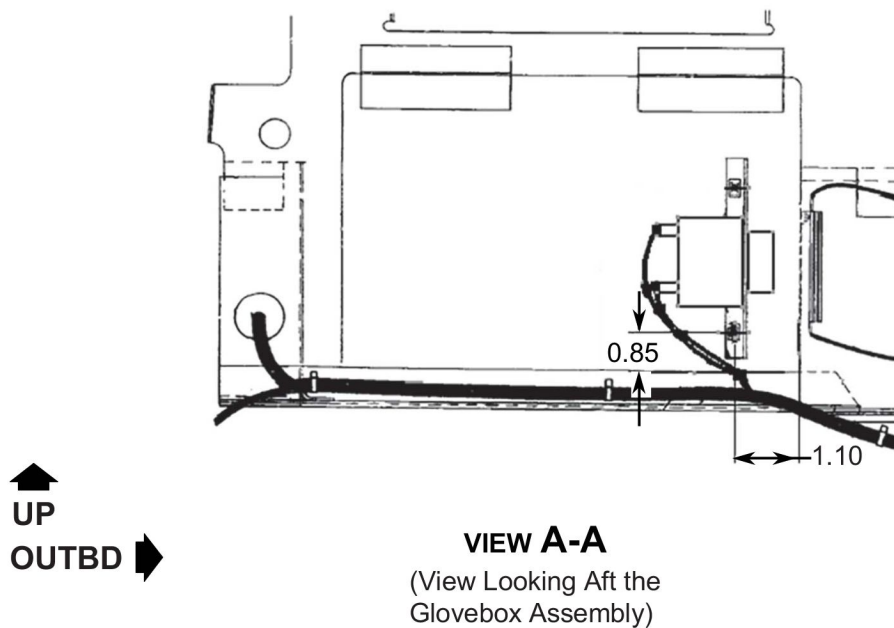
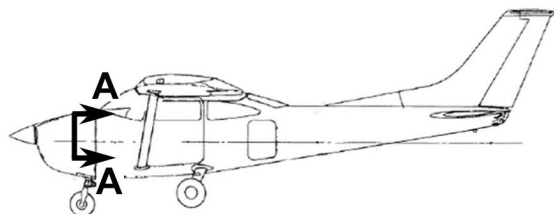
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5290604-1

Figure 2. After Modification (Sheet 2)

B22298



NOTE: All Dimensions are in Inches.

0790604

Figure 3. Drilling Dimensions (Sheet 1)

MATERIAL INFORMATION

Order the kit below to install this modification.

NEW P/N	QUAN- TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
SEB-34-32	1	Kit, consisting of the following parts:		
MS35333-37	2	Lock Washer	N/A	Install
0790604-2	1	Bracket Assembly	0713738-3	Discard
9910080-5	1	Stall Warning Horn	1670056-6 1670056-7	Discard
SEB-34-32		Instructions		

* Please contact a Textron Aviation Authorized Service Facility for current cost and availability of parts listed in this service document.

TITLE

NAVIGATION - STALL WARNING HORN REPLACEMENT FOR CESSNA MODELS 182, U206, 207

TO:

Cessna Model 182, U206, and 207 Aircraft Owners

REASON

The original stall warning horn is no longer available. If the stall warning horn needs to be replaced a new stall warning horn and bracket are available.

COMPLIANCE

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

LABOR HOURS

For planning purposes only:

WORK PHASE

Modification

LABOR-HOURS

As Required

MATERIAL AVAILABILITY**PART NUMBER**

SEB-34-32

AVAILABILITY

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COST

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* Please contact a Textron Aviation Authorized Service Facility for current cost and availability of parts listed in this service document.

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.

January 5, 2023

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