

**TITLE**

FLIGHT CONTROLS - CONTROL SURFACE PLACARD IDENTIFICATION PLATE REIDENTIFICATION

**EFFECTIVITY**

**MODEL**

T182T

**SERIAL NUMBERS**

T18208719, T18208177

**REASON**

Incorrect control surface placard identification plate may have been installed.

**DESCRIPTION**

This service document provides instructions to reidentify incorrect part numbers on the control surfaces identification plates.

**COMPLIANCE**

RECOMMENDED. This service document should be accomplished at the next 100-hour or 12-month (annual-type) 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**

NAME	NUMBER	MANUFACTURER	USE
Vibro Etch		Commercially Available	To vibro etch part number.

December 9, 2020

SEL-27-04  
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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

Model 182 (Series 1997 And On) Maintenance Manual

**NOTE:** To make sure all publications used are complete and current. Refer to [www.txtavsupport.com](http://www.txtavsupport.com).

## 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 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.
2. Remove control surface and access panels if necessary to access the identification placard for the control surfaces that follow: (Refer to the Model 182 (Series 1997 And On) Maintenance Manual.)
  - A. Left Aileron
  - B. Right Aileron
  - C. Left Flap
  - D. Right Flap
  - E. Left Elevator
  - F. Right Elevator
  - G. Rudder
  - H. Horizontal Stabilizer
  - I. Vertical Stabilizer
3. (Refer to Table 1.) Reidentify the dashed part numbers for the control surfaces as follows:
  - A. Mark through the Incorrect (current) Dashed Part Number.
  - B. Use a vibro etch tool to etch the Correct Dashed Part Number.

**NOTE:** Example using the left aileron part number 0523800-825, cross through the numbers 825 after the dash and then etch the numbers 25. It is permissible to etch the dashed part number in front of the incorrect part number if there is more space on the identification placard. The flaps and horizontal have a double dash, etch through the two sets of dashed numbers.

Table 1

Control Surface	Correct Dashed Part Number
Left Aileron	0523800-25
Right Aileron	0523800-24
Left Flap	0523901-33
Right Flap	0523901-34
Left Elevator	1234600-1
Right Elevator	1234600-24
Rudder	1231001-13
Horizontal Stabilizer	1232600-31
Vertical Stabilizer	1231057-24

4. Install any removed control surface and access panels and complete control surface checks as necessary. (Refer to the Model 182 (Series 1997 And On)
5. Remove the maintenance warning tags and connect the airplane battery.
6. Make an entry in the airplane logbook that states compliance and method of compliance with this service document.



**TITLE**

FLIGHT CONTROLS - CONTROL SURFACE PLACARD IDENTIFICATION PLATE REIDENTIFICATION

**TO:**

Cessna Model T182T Aircraft Owners of airplanes T18208719 and T18208177:

**REASON**

Incorrect control surface placard identification plate may have been installed.

**COMPLIANCE**

RECOMMENDED. This service document should be accomplished at the next 100-hour or 12-month (annual-type) inspection.

**LABOR HOURS**

For planning purposes only:

<b>WORK PHASE</b>	<b>LABOR-HOURS</b>
Reidentification of all ID Plates	2.5
To remove/install each control surface, if required for access. (only remove surface when necessary for access)	0.5
Aileron travel verification if one or both ailerons were removed	0.5
Flap travel verification if one or both flaps were removed	0.5
Elevator travel verification if one or both elevators were removed	0.5
Rudder travel verification if rudder was removed	0.5

**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.

**Eligibility:** Airplane serial numbers T18208719 and T18208177.

**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 W3 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, 2021 (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.