

TITLE

LIGHTS - LED LANDING AND TAXI RECOGNITION LIGHT INSTALLATION

EFFECTIVITY

MODEL	SERIAL NUMBERS
208	20800001 thru 20800663
208B	208B0001 thru 208B4999

The equivalent of this service document has been incorporated on production airplanes 208: 20800664 and On and 208B: 208B5000 and On.

REASON

The Incandescent landing and taxi lights can be replaced with LED landing and taxi lights.

DESCRIPTION

This service document provides parts and instructions to remove the incandescent landing and taxi lights and install LED landing and taxi lights.

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.

FLIGHT CREW OPERATIONS

No Changes

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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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CONSUMABLE MATERIAL

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

NAME	NUMBER	MANUFACTURER	USE
Sealant Type XIV, Class B	U470545 (2.5 ounce Simkit)	Textron Aviation Parts Distribution 7121 Southwest Boulevard Wichita, KS 67215	To seal pitot tube mast and landing and taxi light lens.

TOOLING

No specialized tooling is required to complete this service document.

WEIGHT AND BALANCE INFORMATION

Negligible

REFERENCES

Cessna Model 208 Series Maintenance Manual

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

PUBLICATIONS AFFECTED

Cessna Model 208 Series Illustrated 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: Removal and installation of the left and right lights are typical.
2. Remove the incandescent landing and taxi recognition lights. (Refer to the Model 208 Series Maintenance Manual, Chapter 33, Incandescent Landing and Taxi Recognition Lights - Maintenance Practices.)

NOTE: The baffles, brackets and hardware will be used to install the LED lights.
3. Install the LED landing and taxi recognition lights. (Refer to the Model 208 Series Maintenance Manual, Chapter 33, LED Landing/Taxi/Recognition Light - Removal/Installation.)
4. Remove the maintenance warning tags and connect the airplane battery.
5. Test the LED taxi lights. (Refer to the Model 208 Series Maintenance Manual, Chapter 33, LED Exterior Lighting - Adjustment/Test, LED Taxi Light Assembly Test.)
6. Test the LED landing lights. (Refer to the Model 208 Series Maintenance Manual, Chapter 33, LED Exterior Lighting - Adjustment/Test, LED Landing Light Test.)
7. Seal the pitot tube mast with U470545 Sealant (Type XIV, Class B) Sealant.

8. 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

Order the kit/parts below to install this modification.

NEW P/N	QUAN-TITY	KEY WORD	OLD P/N	INSTRUCTIONS/ DISPOSITION
CAB-33-04	1	Kit , consisting of the following parts:		
01-0771833-25	2	LED Light, Taxi	4626	Discard Old, Install New
01-0790750-20	2	LED Light, Landing	4553	Discard Old, Install New
CAB-33-04	1	Instructions		

* 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.

Based on availability and lead times, parts may require advanced scheduling.

TITLE

LIGHTS - LED LANDING AND TAXI RECOGNITION LIGHT INSTALLATION

TO:

Cessna Model 208 and 208B Aircraft Owner

REASON

The Incandescent landing and taxi lights can be replaced with LED landing and taxi lights.

COMPLIANCE

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

LABOR HOURS**WORK PHASE**

Modification

LABOR-HOURS

As Necessary

MATERIAL AVAILABILITY**PART NUMBER**

CAB-33-04

AVAILABILITY

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COST

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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.

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