



300 Old Pretoria Road Albany, GA 310721  
Phone: 229-883-1440 Fax: 229-439-9790  
www.thrushaircraft.com

# SERVICE LETTER

No. SL-AG-128

Initial Release: 10/23/2020

## AIRCRAFT LANDING GEAR

**AIRPLANES AFFECTED:**

**MODEL**

T-660

**SERIAL NUMBERS**

109 AND UP

A handwritten signature in blue ink, appearing to read "Levan Tabidze", is written over a horizontal line.

**Levan Tabidze**

Vice President of Engineering

## LOG OF REVISIONS

**NOTE:** Reformatting and correction of typographical errors is not considered revision. True revisions are indicated by a dark vertical line at the right margin of the lines revised.

Rev.	Page	Description of Revision	By:
IR	All	New Document Initial Release.	M. Lim 10/23/2020

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**1. PURPOSE/REASON FOR PUBLICATION:**

This Service Letter provides instructions for adjusting the height of Retainer Cap 95205 when installing Main Landing Gear Assembly 95211.

**2. SCOPE/COMPLIANCE:**

This Service Letter must be followed at replacement of 95211 Main Landing Gear for T-660 airplanes.

**3. BY WHOM WORK WILL BE ACCOMPLISHED:**

The work is to be accomplished by FAA Certified A&P mechanic, foreign equivalent and person/personnel qualified to operate metal milling equipment

**4. MAN HOURS:**

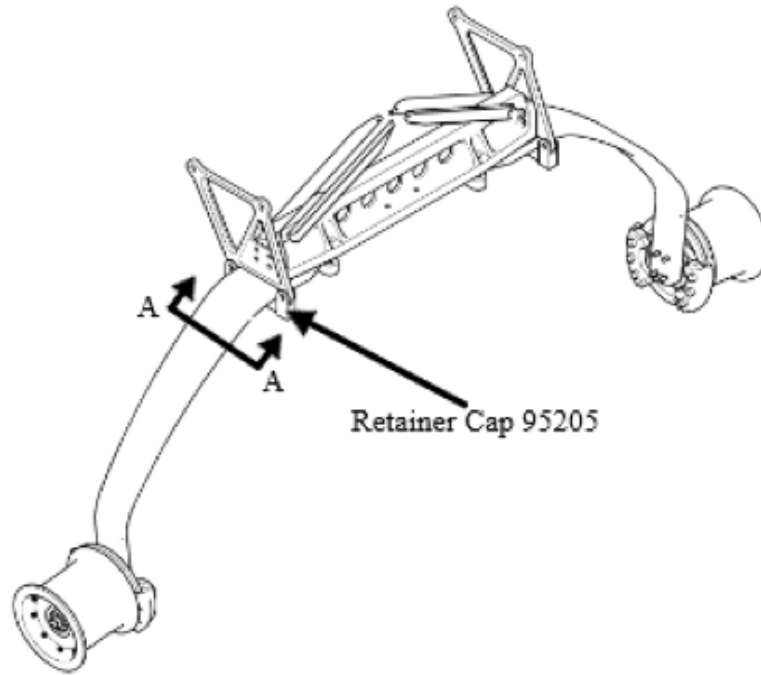
4 hours will be required.

**5. SPECIAL TOOLS:**

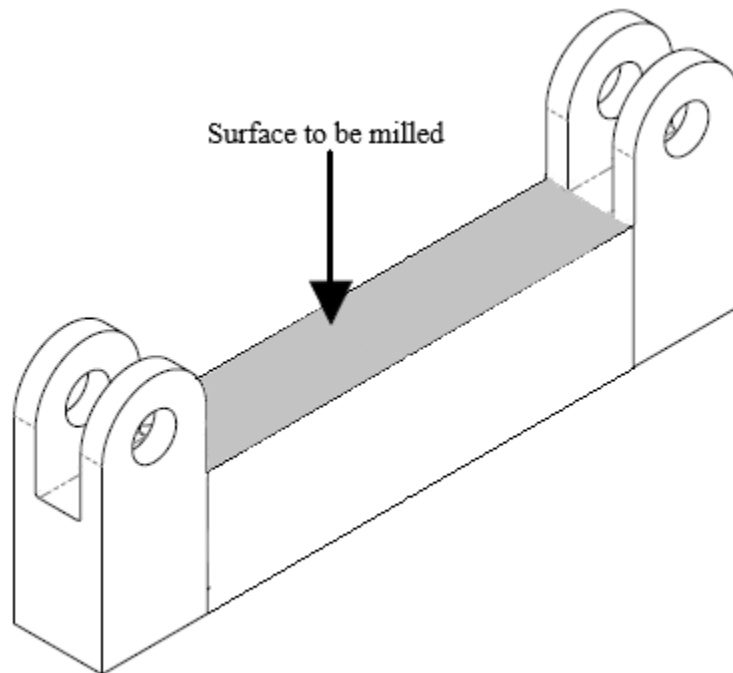
Metal milling machine capable of milling aluminum alloys within  $\pm 0.030$  inch tolerance and capable of providing a minimum of 64 RMS surface finish.

## 6. INSTRUCTIONS:

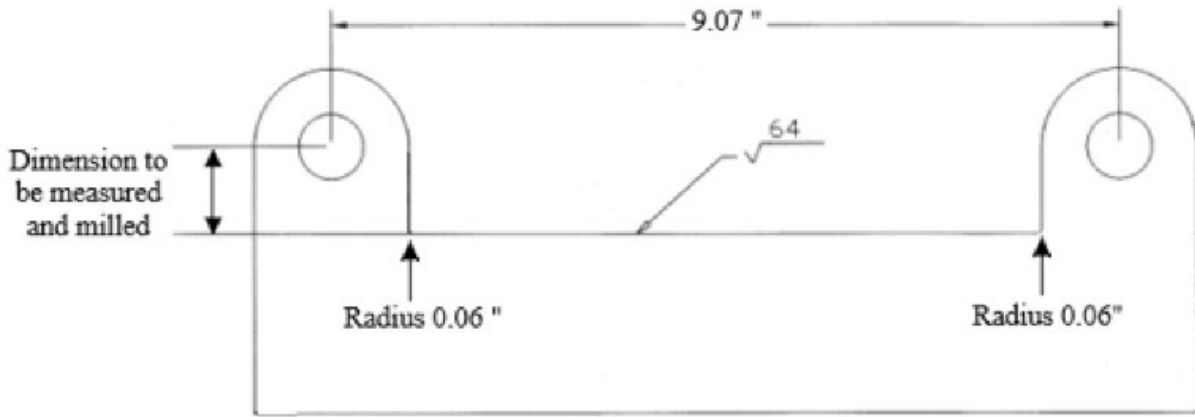
- 1) Re-install Main Landing Gear Assembly 95211. Refer to Figure 128-1.
- 2) Determine amount to be milled from Retainer Cap 95205 by measuring the distance from center of bolt hole to lower surface of Spacer 95207. Add 0.020 inches to this value for clearance. Refer to Figure 128-3.
- 3) Use the metal milling machine to machine determined amount from surface of Retainer Cap 95205. Ensure machine clamps do not damage other surfaces of Retainer Cap 95205. Refer to Figure 128-2.
- 4) Minimum thickness of Retainer Cap 95205 should be 1.60 inches. Measure and record thickness of Retainer Cap 95205 on pages 5 and 6. Refer to Figure 128-4. Contact Thrush Aircraft if minimum thickness cannot be maintained.
- 5) Surface finish of machined area shall be at least 64 RMS. Refer to Figures 128-3 & 128-4.
- 6) Verify proper fit of Retainer Cap 95205.
- 7) Restore corrosion protection by corrosion converting milled surface per MIL-DTL-81706A. The following products can be used:
  - Alodine 871 Touch Up Pen
  - Alodine 1201 Conversion Coating
  - Gold Bonderite 1132 Touch-N-Prep Pen
  - Any other products confirmed in MIL-DTL-81706A
- 8) Prime with commercially available epoxy primer.
- 9) Paint with epoxy or polyurethane paint. Use a color that closely matches the surface.



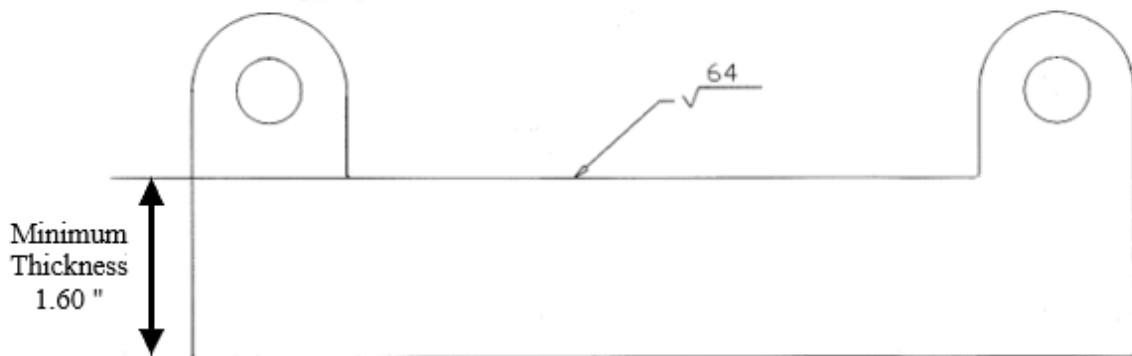
**Figure 1**  
**Main Landing Gear Assembly & Retainer Cap**



**Figure 2**  
**Milling Surface of Retainer Cap 95205-5**



**Figure 3**  
**Milling Dimension of Retainer Cap 95205**  
**View A-A REF Figure 1**



**Figure 4**  
**Thickness of Retainer Cap 95205**  
**View A-A REF Figure 1**

## 7. RECORD OF COMPLIANCE:

Make appropriate entry in airplane maintenance records as follows:

“Thrush Service Letter SL-AG-128 Rev. IR complied with at \_\_\_\_\_ total hours on aircraft.

Main Landing Gear replaced; Retainer Cap thickness 95205 (L/H) \_\_\_\_\_

Main Landing Gear replaced; Retainer Cap thickness 95205 (R/H) \_\_\_\_\_”

Modification accomplished by:

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Name & Certificate #	Date
----------------------	------

## 8. RESPONSE CARD

The final step in compliance with this Service Letter is to complete and return the compliance card on the next page. It may be mailed, Faxed, or scanned and e-mailed.

Fax to:

Ed Rusk

229-317-8225

Email to:

Ed Rusk

ed.rusk@thrushaircraft.com

**Service Letter SL-AG-128 Rev. IR Compliance Report**

Aircraft S/N:	Aircraft Owner:
Aircraft Registration #:	Address of Owner:
Thickness of Retainer Cap 95205 (L/H):	
Thickness of Retainer Cap 95205 (R/H):	
Airframe total time:	City & State:
Engine total time:	Physical location:
Complied with by:	Date of Compliance:
Signature:	Certificate #:

**PLEASE RETURN THIS REPORT ONLY AFTER MODIFICATION IS MADE**

This response card may be mailed, faxed to (229) 317-8225, or emailed to [ed.rusk@thrushaircraft.com](mailto:ed.rusk@thrushaircraft.com).

Fold, Tape & Mail (Do Not Staple)

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Return Address

**Thrush Aircraft LLC.  
Attn: Ed Rusk  
300 Old Pretoria Road  
Albany, Ga 31721**