



**THRUSH AIRCRAFT INC.**

**Service Letter** No. SL-AG-108

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**Service Letter No SL-AG-108**

**28 March 2005**

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## **FLAP TORQUE SHAFT ASSEMBLY INSPECTION**

**MODELS AFFECTED:** Thrush Models S2R-T660 S/N T660-101 and S/N T660-103 through 112.

**REASON FOR PUBLICATION:** A report from the field indicated cracks were found on the torque shaft assembly P/N 95661T001. These cracks were located around the weld attaching flap linkage arm P/N 95678-1 to the torque shaft. The purpose of this letter is to have the affected assemblies inspected and repaired as required.

**COMPLIANCE:** As soon as possible.

**BY WHOM THE WORK MAY BE ACCOMPLISHED:** A&P Mechanic or equivalent.

**APPROVAL:** Thrush Aircraft, Inc. Engineering.

**MAN HOURS:** Approximately 1.0 hour for inspection.

**SPECIAL TOOLS:** N/A

**INSPECTION:** Remove wing fuselage fairing / skins as required to gain access to flap torque shaft on both sides of airplane. Visually inspect torque shaft in the immediate area of the flap linkage arm P/N 95678-1 for indications of cracking. Suspected cracks should be inspected using dye penetrant.

**REPAIR:** Remove and replace with new torque shaft assembly or repair defective torque shaft assemblies per AC 43.13-1B Section 5.

**WEIGHT AND BALANCE:** No change

**PUBLICATIONS AFFECTED:** None

RECORD OF COMPLIANCE:

Make an entry in the aircraft permanent records as follows:

Thrush Aircraft, Inc.'s Service Letter SL-AG-108, Flap torque shaft assembly inspection, dated 28 March 2005 accomplished on \_\_\_\_\_ (date)\_\_\_\_\_.

Sign and indicate certificate number.

Fill out and return the enclosed compliance card indicating the results of the inspection. Upon completion, no further action is required under Service Letter No. SL-AG-108.

COMPLIANCE CARD

Service Bulletin Number: SL-AG-108

Name of Owner: \_\_\_\_\_

Aircraft S/N: \_\_\_\_\_

Address of Owner: \_\_\_\_\_

Aircraft Registration No.: \_\_\_\_\_

(Physical Location) \_\_\_\_\_

Airframe Total Time: \_\_\_\_\_

Engine Total Time: \_\_\_\_\_

Date of Compliance: \_\_\_\_\_

Complied With By: \_\_\_\_\_

Certificate Number: \_\_\_\_\_

Signature: \_\_\_\_\_

Method of compliance:

- Aircraft had no evidence of cracking on flap torque tube assembly.
- Aircraft had evidence of cracking on flap torque tube assembly, removed part and returned to Thrush Aircraft, Inc. dealer for replacement.
- Aircraft had evidence of cracking on flap torque tube assembly, removed part and repaired per AC 43.13-1B Section 5
- Parts inventory flap torque assembly none in stock with cracks.
- Parts inventory flap torque assembly found in stock with cracks and returned to Thrush Aircraft, Inc. dealer for replacement.
- Parts inventory flap torque assembly found in stock with cracks and removed part and repaired per AC 43.13-1B Section 5

(Check one)

Please list the affected quantities P/N's on this card and return flap torque assembly to your Thrush Aircraft, Inc. dealer for A.O.G. (Aircraft on Ground) replacement.

Return Compliance card by:

E-mail to: erusk@thrushaircraft.com

or

Fax to 229.436.4856

or

Mail to: Thrush Aircraft, Inc.

ATTN: Ed Rusk

P.O. Box 3149

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U.S.A.