

Rockwell service letter

No. SL-AG-82

International

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Service Letter No. SL-AG-82
5 February, 1976

TAIL WHEEL TRUNNION ASSEMBLY MODIFICATION

MODELS AFFECTED: S-2R, SERIAL NO'S 1351R, 1416R THRU 2173R AND 5000 THRU 5075.

REASON FOR PUBLICATION: STRENGTHEN TRUNNION ASSEMBLY AND PREVENT POSSIBLE BREAKING OF WELDS IN FORK AREA FOR AIRCRAFT OPERATIONS FROM UNIMPROVED FIELDS,

COMPLIANCE: AT OWNER'S DISCRETION.

NOTE

IF ANY PROBLEMS ARE ENCOUNTERED WHILE COMPLYING WITH THIS SERVICE LETTER. CONTACT YOUR NEAREST THRUSH COMMANDER DEALER OR YOUR REGIONAL SERVICE MANAGER. REFERENCE SERVICE INFORMATION NO SI-123.

BY WHOM WORK WILL BE ACCOMPLISHED: A & P Mechanic or equivalent.

APPROVAL: FAA DER Approved

ESTIMATED MAN HOURS: 4.5 Hours.

PARTS DATA: Parts required to comply with this Service Letter may be purchased as a kit through your nearest Thrush Commander Dealer. Reference this Service Letter, aircraft model and factory serial number when ordering Service Letter No. SL-AG-82 kit consisting of the following:

Qty	Part No.	Description
1 ea	55056-1	Plate
1 ea	Service Letter No. SL-AG-82	Instructions

SPECIAL TOOLS: WELDING EQUIPMENT

ACCOMPLISHMENT INSTRUCTIONS:

1. Jack and secure tail of airplane.
2. Remove tail wheel trunnion assembly as follows:
 - a. Disconnect lock cable at pivot arm.
 - b. Disconnect springs from trunnion assembly.
 - c. Remove bolts, nuts and washers that attach tail gear sub-assembly to trunnion assembly.
 - d. Remove nuts and washers from trunnion attach shaft.
 - e. Remove trunnion assembly by withdrawing trunnion attach shaft.
3. Weld 55056-1 plate on trunnion assembly (see Figure 1.).

NOTE

Material is 4130 steel condition "N", S-0345.

4. Repaint trunnion assembly as outlined in the Thrush Commander Owner's Manual, Section III.
5. Reinstall trunnion assembly on airplane.

NOTE

Installation of trunnion assembly is reverse of removal procedure.

6. Remove jack from tail of airplane.

ELECTRICAL LOAD: No Change

WEIGHT AND BALANCE: No Change

PUBLICATIONS AFFECTED: NOT APPLICABLE.

RECORD COMPLIANCE: Make appropriate entry in airplane maintenance records as follows:

Service Letter N0. SL-AG-82, dated 5 February 1976, entitled "Tail Wheel Trunnion Assembly Modification", accomplished (date)

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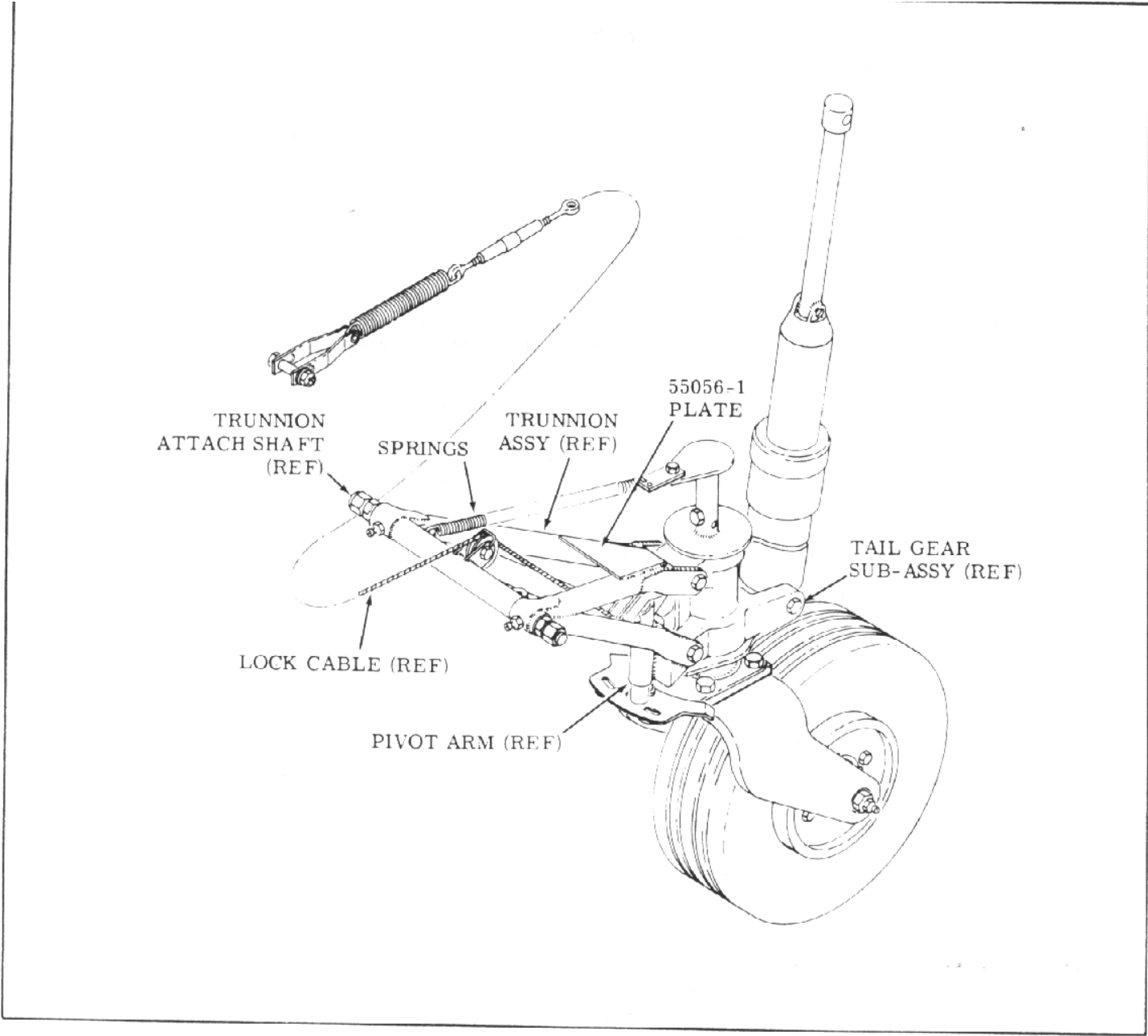


Figure 1.