



SCHWEIZER SERVICE NOTICE

NOTICE NO. N-123

DATE 4 December 1974

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MANDATORY

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SUBJECT: INSPECTION AND REWORK OF MAIN TRANSMISSION STRUT
ASSEMBLY, PN 269A5015

MODELS AFFECTED: Model 269C Helicopter Serial No. 0273 thru 0288;
0290 thru 0304;
0306 thru 0310;
0312, 0315, 0316;
0320 thru 0322

TIME OF COMPLIANCE: Shall be accomplished within next 50 hours of helicopter
operation or at next 100-hour periodic inspection,
whichever is sooner.

PREFACE: The information given in this Service Information Notice lists a procedure
to inspect for tooling marks on the subject struts. In addition, rework
limits are defined to remove any discrepancies found.

Reference

269 Series - Basic HMI, Issued 1 April 1973; Revision No. 2, 1 January 1974

MATERIALS

Garnet paper	#360, #400, #600	Commercial
Primer, zinc chromate		Commercial

TOOLS AND EQUIPMENT

Fine files and/or stones		Commercial
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PROCEDURE

- a. Check that all electrical power is OFF. Pay particular attention to MAG switch.
- b. Gain access to left and right hand strut assemblies. (Refer to HMI.)

NOTE

Access may be gained by disconnecting aft engine hangers at transmission flange and lowering it sufficiently, and by removing the fuel tank(s).

- c. Remove nuts, bolts and washers securing struts to main transmission and center frame assembly. Remove strut assemblies noted one at a time. This will allow support for lower-end of rotor system.
- d. Inspect both ends of the two struts for damage (See Figure 1). Remove asbestos sheath to expose and inspect struts at least one inch below bottom of clevis.
- e. Using stone or file and garnet paper, blend damaged areas in accordance with Figure 1 criteria.
- f. Discard any strut having damage which exceeds limits.
- g. Touch up reworked areas with zinc chromate primer; also apply primer to inside of clevis and lugs as required. Reinstall struts.
- h. Reinstall engine or fuel tank(s) and other removed components, per Basic HMI.
- i. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.

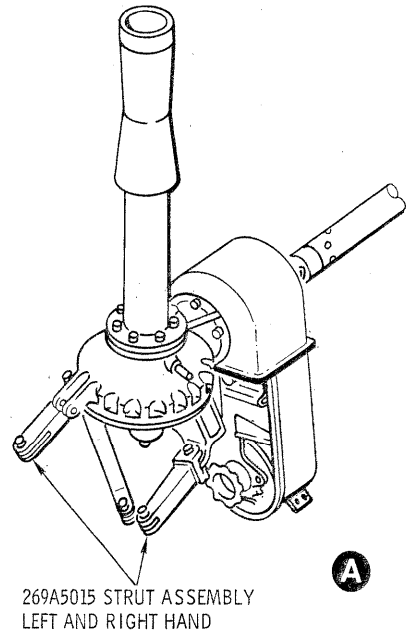
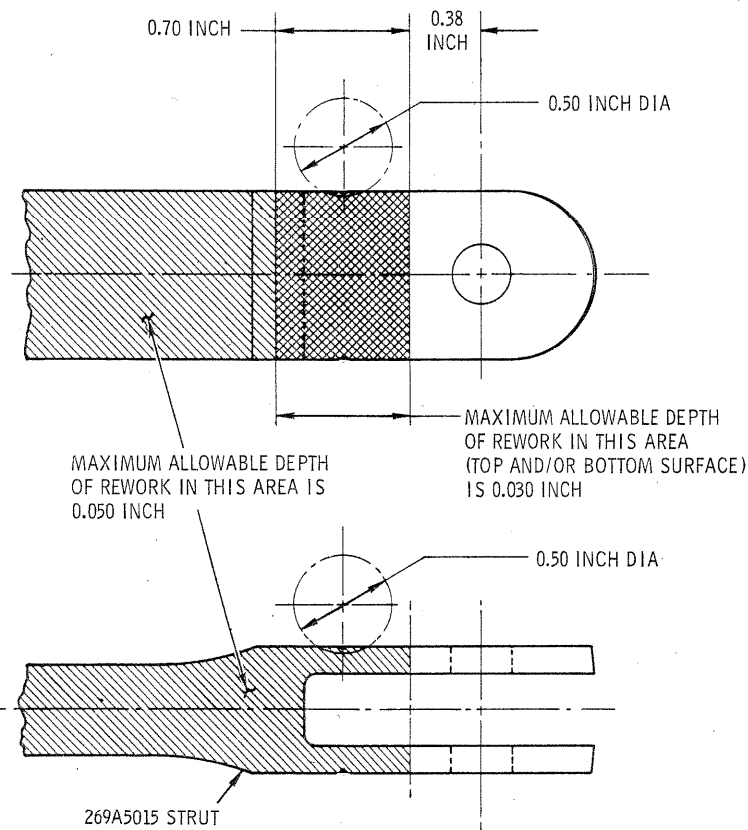
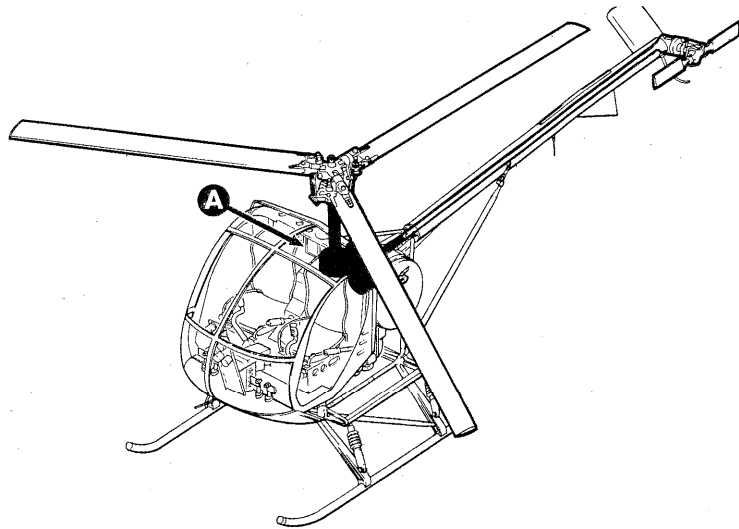


Figure 1. Inspection and rework of 269A5015 Strut Assembly