



SCHWEIZER SERVICE NOTICE

NOTICE NO. N-213

DATE: 29 Sept. 1987

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MANDATORY

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SUBJECT: DAILY VISUAL INSPECTION OF DROOP STOP NUT; ONE-TIME DYE PENETRANT INSPECTION OF DROOP STOP NUT (PN 269A1340).

MODELS AFFECTED: PART I:

- All 269 Series Helicopters.

PART II:

- All 269 Series Helicopters.
- All 269A1340 Nuts, in spares inventory at date of this notice.

TIME OF COMPLIANCE: PART I:

- Shall be accomplished at each daily inspection, until compliance with Part II of this notice is accomplished.

PART II:

- Shall be accomplished on affected nuts in spares inventory, prior to placement into service or within 90 days of issue date of this notice, whichever comes first.
- Shall be accomplished on installed, affected nuts within the next 100 hours of helicopter operation, or within 90 days of issue date of this notice, whichever comes first.

REFERENCE: 269 Series - Basic HMI, Reissued 15 March 1982.
269 Series - Appendix B, Reissued 15 August 1982.

PREFACE: Reports indicate a possibility of cracking and failure of the subject droop stop nut. Part I of this Service Information Notice lists instructions for a daily visual inspection of the subject nut for indications of cracks. Any nut which is suspected of cracking while performing Part I, must be further inspected in accordance with Part II of this notice. The requirements of the daily inspection (provided by Part I) are lifted upon compliance with Part II of this notice.

Part II of this Service Information Notice provides instructions for one-time dye penetrant inspection of the subject nut for cracking. Any droop stop nut (PN 269A1340) which is found to be cracked, must be removed from service (and/or stock), prior to the next flight of the helicopter.

PART I - DAILY VISUAL INSPECTION.

PARTS LIST

<u>Nomenclature</u>	<u>SAC Part Number</u>	<u>Qty.</u>	<u>Source</u>
Nut, Droop stop	269A1340	1 (A/R)	SAC

TOOLS AND EQUIPMENT

Magnifying glass, 10x
Flashlight

PROCEDURE

- a. Using a damp rag, remove all dirt accumulation from droop stop nut (Figure 1).
- b. Using a 10x magnifying glass, visually inspect nut for indications of cracks.

NOTE

If cracking is suspected, perform the dye penetrant inspection listed in Part II of this notice.

- c. Remove nut from service if cracking is evident. (Be sure to use a serviceable nut for replacement.)

PART II - DYE PENETRANT INSPECTION.

PARTS LIST

<u>Nomenclature</u>	<u>SAC Part Number</u>	<u>Qty.</u>	<u>Source</u>
Nut, Droop stop	269A1340	1 (A/R)	SAC

MATERIALS

<u>NOMENCLATURE</u>	<u>SPECIFICATION</u>	<u>SOURCE</u>
Dye penetrant kit (visible dye, solvent removable)	MIL-I-25135	Commercial

TOOLS AND EQUIPMENT

Magnifying glass, 10x

PROCEDURE

- a. If installed, remove droop stop nut (shown in Figure 1) in accordance with Basic HMI, Section 8.
- b. Dye penetrant inspect nut in accordance with dye penetrant kit manufacturer's instructions. Use a 10x magnifying glass to examine nut for indications of cracks.
- c. Immediately retire from service and tag as unserviceable any discrepant nuts found during inspection. (Contact your SAC Service Center or Distributor for disposition of nuts.)
- d. As applicable, reassemble components (using a serviceable droop stop nut) in accordance with Basic HMI, Section 8 and Section 10.

NOTE

Compliance with Part II of this notice lifts the requirements of the daily inspection listed in Part I.

- e. Record compliance with this Part II of this Service Information Notice in Compliance Record of Helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.

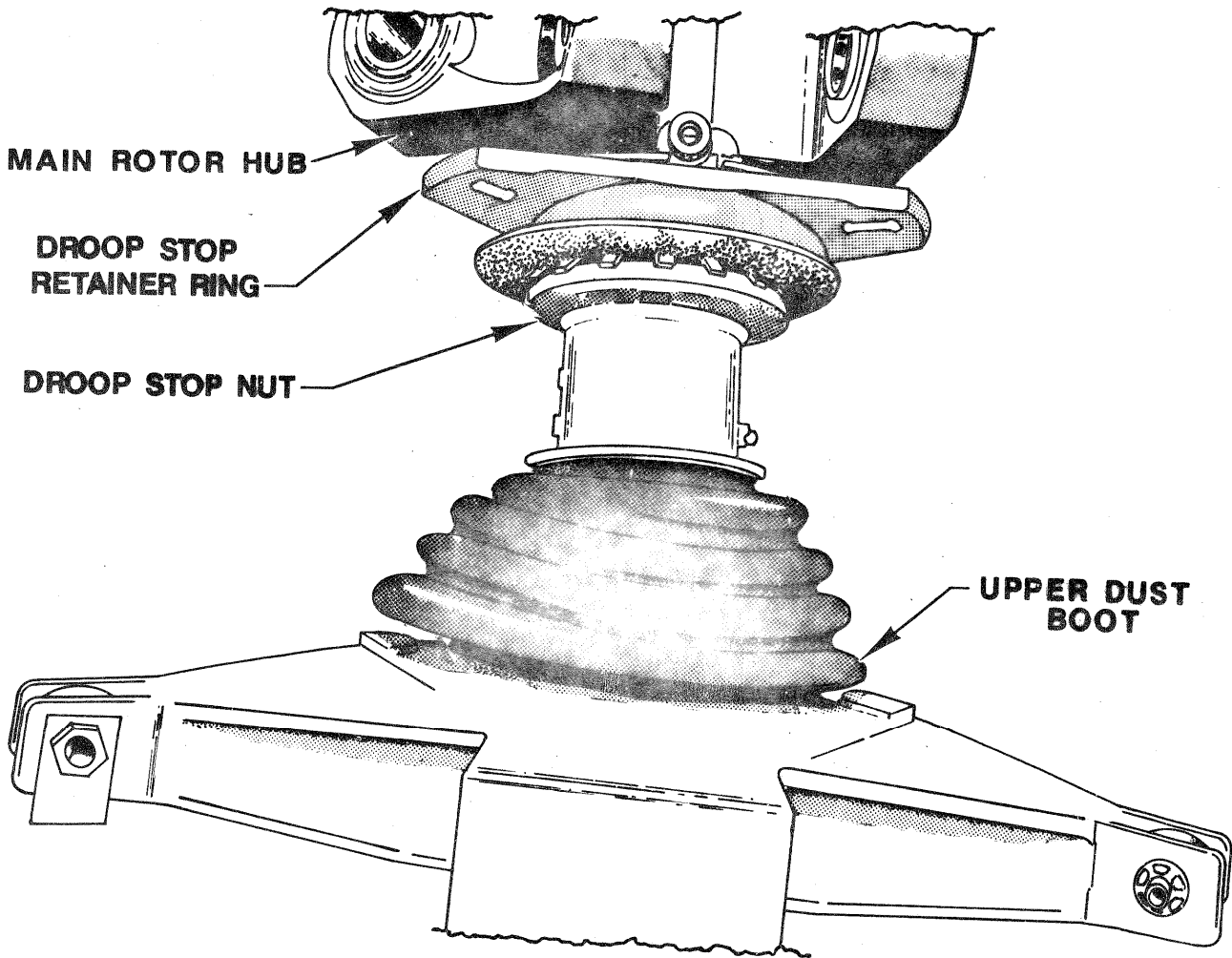


FIGURE 1.