



SCHWEIZER SERVICE NOTICE

NOTICE NO. N-186
DATE 15 March 1983
PAGE 1 OF 2

MANDATORY

MANDATORY

MANDATORY

SUBJECT: CORROSION INSPECTION - TRANSMISSION OIL PRESSURE SWITCH
(PN 269A4576)

MODELS AFFECTED: All 300 Model 269 Series Helicopters having Transmission Oil Pressure Switch (PN 269A4576) Installed

TIME OF COMPLIANCE: Shall be accomplished at next 100-hour inspection interval, and at each subsequent 100-hour inspection interval thereafter.

PREFACE: Information given in this Service Information Notice lists a procedure for a periodic inspection of Main Transmission Oil Pressure Switch (PN 269A4576*) for corrosion. Corrosion has been found on the steel body retention band of the affected switches. If such corrosion is not removed, the switch can fail and cause loss of transmission lubricant.

The information given in this Notice is considered as part of the HMI and will be incorporated at the next scheduled revision of the below referenced manuals.

*Transmission Oil Pressure Switch (PN 269A4610), manufactured by American Standard Control Division, Rochester Instruments, is not affected by this Notice. The 269A4610 switch will have American Standard, Rochester, N.Y., U.S.A. on the face of the switch.

Reference

300 Model 269 Basic HMI (CSP-C-2), Reissued 15 March 1982.

300 Model 269 Basic HMI Appendix B (CSP-C-4), Reissued 15 August 1982.

PROCEDURE

- a. Ensure all helicopter electrical power is off.
- b. Remove rubber boot from transmission oil pressure switch body.
- c. Visually inspect steel, body retention band on switch for any evidence of corrosion.
 1. If light surface corrosion is noted (no pitting), remove corrosion and treat affected area according to Section 2, Basic HMI.
 2. If pitting is noted, replace switch (Section 14, Basic HMI).
- d. Reinstall rubber boot on switch body.
- e. Record compliance with this Notice in Compliance Record of helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.

The resultant alteration to affected models from procedures given in this Notice has been shown to comply with Federal Aviation Regulations and is FAA Approved.

REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

ACTION REFERENCE: Refer to Service Information Notice No. N-186 when performing maintenance on main rotor transmission oil pressure switch.

HMI REFERENCE: Insert this sheet in 269 Series Basic HMI Section 14, page 14-10a.

This Reference Sheet shall be kept as part of the manual until the data can be incorporated at the next revision of 269 Series Basic HMI.

REFERENCE SHEET

SERVICE INFORMATION NOTICES AND LETTERS

ACTION REFERENCE: Refer to Service Information Notice No. N-186 when performing maintenance on main rotor transmission oil pressure switch.

HMI REFERENCE: Insert this sheet in 269 Series Basic HMI Appendix B, 100 hour inspection.

This Reference Sheet shall be kept as part of the manual until the data can be incorporated at the next revision of 269 Series HMI Appendix B, 100 hour inspection.