



SCHWEIZER SERVICE BULLETIN

B-276
26 Oct 2001

MANDATORY

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SUBJECT: MAIN ROTOR SWASHPLATE BEARINGS P/N 269A1301

- MODELS AFFECTED:
- Model 269C Helicopters SN1781 through 1822
 - Any Model 269A, TH-55A, A-1, B or C Helicopter with installed 269A1301 Swashplate Bearing sold by Schweizer Aircraft as a spare between 01 May 1999 and 05 Oct 2001
 - Any 269A1301 Swashplate Bearings or assemblies sold by Schweizer Aircraft as a spare between 01 May 1999 and 05 Oct 2001

- TIME OF COMPLIANCE:
- Installed bearings: Within the next 100 hours flight time or within 60 days from issue date of this Service Bulletin, whichever occurs first.
 - Affected spares in stock: Prior to installation or within 30 days from issue date of this Service Bulletin, whichever occurs first.

REFERENCE: 269A, TH-55A, A-1, B & C Basic HMI (Issued: 15 Mar 1982; Revised: 26 Oct 2001)

- PREFACE:
- Field reports indicate that the originally supplied grease in affected swashplate bearings may be contaminated with a foreign substance that reduces the grease viscosity, and subsequently increases the possibility of bearing failure. Unless previously accomplished, it is necessary to clean, inspect, and re-lubricate the swashplate bearing at this one-time special interval. After completion of this Service Bulletin, bearing lubrication is then performed at specified intervals found in HMI Appendix B.)
 - Failure to comply with this Service Bulletin may lead to loss of control of the helicopter and subsequent injury, death and/or property damage.

PROCEDURE

PART I:

- a. Check aircraft records to determine if affected bearing has been serviced (cleaned and re-lubricated in the field) in accordance with HMI Section 8 after 01 May 1999.

NOTE: If bearing has not been serviced, perform PART II.

- (1) If bearing has been serviced, the conditions of this Service Bulletin are satisfied and no further action is required. Record compliance with PART I of this Service Bulletin in the aircraft records.

PART II:

- a. Remove and disassemble main rotor swashplate assembly as necessary to gain access to swashplate bearing (Basic HMI, Section 8).
- b. Clean, inspect, and re-lubricate the swashplate bearing (Basic HMI, Section 8).
- c. Reassemble and install swashplate assembly (Basic HMI, Section 8).
- d. Record compliance with PART II of this Service Bulletin in the aircraft records.

WEIGHT AND BALANCE

Weight and balance are not affected.