



SCHWEIZER SERVICE BULLETIN

B-281
05 Sep 2003

MANDATORY

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SUBJECT: THROTTLE GOVERNOR BELLCRANK

MODELS AFFECTED: All 269C Helicopters Serial Number 0004 through S1731 equipped with the optional 269A4995 Throttle Governor Kit.

TIME OF COMPLIANCE:

- PART I • Within next 10 hours of flight time or 30 days, whichever occurs first.
- PART II • Within the next 100 hours flight time or at the next Annual Inspection, whichever occurs first.

REFERENCES: 269A, TH-55A, A-1, B & C HMI, Service Notice N-180, and SA-269K-081-03 Kit

- PREFACE: • There have been reports of excessive wear and looseness of the bronze bushings in the 269A8418-21 throttle bellcrank. This excess wear has resulted in separation of the throttle tie rod from the bellcrank and loss of throttle control. An improved bellcrank (269A8409-3) is in production and sold as spares replacements. This Service Bulletin requires installation of the improved bellcrank.
- Failure to comply with this Service Bulletin may lead to loss of control of the helicopter, and subsequent serious injury, death and/or property damage.

FAA APPROVAL: The engineering aspects of this Service Bulletin (B-281) are FAA approved.

PARTS LIST

PART NUMBER	NOMENCLATURE	SOURCE	QTY
SA-269K-081-3	Field Replacement of 269A8418 Bellcrank Assembly Kit, Models 269C and 269C-1 Aircraft	SAC	1

PROCEDURE:

NOTE

The 269A8418-21 bellcrank uses bushings at all linkage attachments. The 269A8409-3 bellcrank has ball bearings at these points.

PART I

- a. Inspect and determine if the 269A8418-21 bellcrank is installed. If installed, continue with PART I.
- b. Inspect the bellcrank ends where the tie rod and the throttle cable attach for evidence of excessive wear, looseness of the bronze bushings, or elongation of the attachment hole in the aluminum bellcrank.

- c. If any of the above discrepancies are found replace the defective bellcrank with a 269A8409-3 bellcrank in accordance with SA-269K-081-3 Kit blueprint instructions (PART II) before further flight.
- d. Record compliance with PART I of this Service Bulletin in the aircraft records.

PART II

- a. Remove the 269A8419-21 bellcrank and install a new 269A8409-3 bellcrank and hardware in accordance with the SA-269K-081-3 Kit blueprint instructions. Check throttle rigging in accordance with HMI and N-180.
- b. Record compliance with PART II of this Service Bulletin in the aircraft records.

WEIGHT AND BALANCE

Weight and balance not affected.