



SCHWEIZER SERVICE BULLETIN

C1B-018.1*
17 Mar 2006

MANDATORY

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SUBJECT: MODIFICATION OF LOCKNUT/HOIST EYE ASSEMBLY

MODELS AFFECTED: ● Model 269C-1 helicopters serial numbers 0001 through 0217 equipped with splined main rotor hubs.

- All 269D5313-1 locknut/hoist eye assembly spares in stock (including any locknut/hoist eye assembly received as part of a kit).

TIME OF COMPLIANCE: Prior to next hoisting of the helicopter from the ground or within 6 months from issue date of this Service Bulletin, whichever comes first.

REFERENCE: ● Model 269C-1 Basic HMI (Issued 14 July 1995, Revised 17 Mar 2006).

PREFACE: ● A report was received of a hoist eye fracture in a non-certified helicopter due to damage caused by improper airframe handling during a hoisting operation. Certified production helicopters equipped with splined main rotor hubs use the same part number locknut/hoist eye assembly that fractured. Due to the possibility of ground handling damage, the locknut/hoist eye assembly is no longer approved for use.

- Failure to comply with this Service Bulletin may lead to serious injury, death and/or property damage.

FAA APPROVAL: Engineering aspects of this Service Bulletin are FAA approved.

PARTS REQUIRED: MS20074-07-06 Bolt

or

Any commercially available stainless steel 7/16-14 bolt 3/4 inch long may be used.

or

269D9292-1 Hoist Fitting

AMS 3374 Sealing Compound #890 Pro-Seal

(■) Denotes portion of text added or revised.

*Supersedes C1B-018, dated 12 Sep 2005

PROCEDURE:

NOTE

At operators discretion, the existing locknut may be modified and reinstalled (step b. below) **OR** a new 269D9292-1 hoist fitting may be installed (step c. below).

- a. Remove locknut/hoist eye assembly from helicopter (Basic HMI Section 8). Perform either step b. or c. below. (Discard locknut/hoist eye assembly if performing step c.)
- b. Modify locknut as follows:
 - (1) Remove hoist eye from locknut and discard hoist eye.
 - (2) Mix sealing compound in accordance with manufacturers instructions and apply a light coat to threads of MS20074-07-06 (or equivalent) bolt. Install bolt in locknut and torque bolt 235 to 255 in-lbs.
 - (3) Install modified locknut assembly in accordance with Basic HMI Section 8.
- c. Install 269D9292-1 hoist fitting in accordance with Basic HMI Section 8.

NOTE

If the modified locknut assembly is installed, a 269T9340-1 hoist tool or 269D9292-1 hoist fitting will be required to raise the helicopter from the ground in accordance with the Basic HMI Section 2, Revised 17 Mar 2006 or subsequent revision.

WEIGHT AND BALANCE

Weight and balance are not affected.