



SCHWEIZER SERVICE BULLETIN

B-273
23 Aug 2000

MANDATORY

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SUBJECT: REPLACEMENT OF SHOULDER HARNESS AND INERTIA REEL ASSEMBLY.

MODELS AFFECTED: All Model 269C Helicopters with serial numbers 1321 through 1650 and any 269A, TH-55A, or B that has had the original shoulder harness replaced with a 269A4262-21 assembly. All 269A4262-21 spares in stock.

TIME OF COMPLIANCE: Within six months from issue of this Service Bulletin.

REFERENCE: Model 269A, TH-55A, A-1, B, C, HMI Appendix A.

PREFACE: In order to increase the load carrying capability of the inertia reel assemblies on the subject aircraft, the 269A4262-21 shoulder harness and inertia reel is to be replaced with the improved 269A4262-27 shoulder harness and inertia reel. The improved inertia reels upgrade the capability of the system to provide increased occupant protection in the event of an accident. Replacement is applicable to both the pilot and copilot positions. This service bulletin provides a procedure to identify and replace the original inertia reels.

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

PARTS REQUIRED

DESCRIPTION	PART NO.	QTY	SOURCE
Shoulder Harness and Inertia Reel 502565-213	269A4262-27	2	SAC
Bolt	NAS1303-5	8	SAC
Nuts	MS21042-3	8	SAC
Washer	AN960KD10L	20	SAC

NOTE

The 269A4262-27 is identified with the vender part number ASE 502565-213 and has the inertia reel attached to the mounting plate with screws. The 269A4262-21 can be identified by vender part number ASE 502565-205 on the inertia reel and has the inertia reel attached to the mounting plate with rivets. This 269A4262-21 assembly shall be removed from service and/or spares stock and discarded.

To prevent inadvertent use, clearly tag and dispose of subject parts.

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PROCEDURE:

- a. Gain access to the mounted shoulder harness inertia reel and identify part number of inertia reel in both pilot and co-pilot positions. If 269A4262-27 is installed, no further action is required. Record compliance with service bulletin in the aircraft records. If 269A4262-21 is installed;
 - 1. Remove inertial reel and hardware and discard.
 - 2. Orient serviceable 269A4262-27 shoulder harness and inertia reel in mounting position. Install one AN960KD10L washer under the heads of each NAS1303-5 bolts and insert through the reel mount plate and cabin back.
 - 3. On the exterior of the cabin back, place one AN960KD10L washer on the two top bolts and two AN960KD10L on each of the two bottom bolts. Install four MS21042-3 nuts and torque to 25 in-lbs. plus drag torque.
- b. Inspect installation for security and proper operation. Install all removed interior panels.
- c. Record compliance with this service bulletin in the aircraft records.

WEIGHT AND BALANCE

Weight and balance are not affected.