



# SCHWEIZER SERVICE NOTICE

NOTICE NO. N-215  
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MANDATORY

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SUBJECT: Update of Model 269B and 269C Pilot's Flight Manual; Installation of 269A9928-5 and 269A9928-7 Center Cover Support Bracket.

MODELS AFFECTED: All Model 269B and 269C Helicopters.

TIME OF COMPLIANCE: PART I: Shall be accomplished within 90 days of issue date of this Service Information Notice.

PART II: At Owners and Operator's discretion.

REFERENCE: 269 Series Basic HMI, Reissued 15 March 1982.  
269 Series HMI Appendix A, Reissued 30 July 1982.  
269B Pilot's Flight Manual, Reissued/Revised 21 September 1988.  
269C Pilot's Flight Manual, Reissued/Revised 21 September 1988.

PREFACE: Field reports indicate that the stowage of equipment between the center cover molding and copilot seat could result in an engine overspeed condition. Foreign objects (seat belts, books, clipboards, etc.) forced down in between the center cover molding and copilot seat could cause the plastic molding (center cover) to move into the throttle linkage. As the throttle is opened, the throttle bellcrank slides against the plastic molding. Eventually, a throttle setting may be reached where the edge of the plastic molding slips underneath the bellcrank arm which could lock the throttle in an open position and result in an overspeed condition.

Part I of this Service Information Notice requires updating of the applicable Pilots Flight Manuals to incorporate the above referenced Reissue/Revision copy of the Pilot's Flight Manual. This Reissue/Revision Copy of the PFM includes a pilots preflight check of the pilot's compartment to ensure that foreign objects are not lodged between the copilot's seat and the center cover molding. Any foreign objects found in this area must be removed. An operational check of the throttle is then required to ensure freedom of movement through the entire range of operation.

Part II of this Service Information Notice provides instructions for the installation of a larger center cover support bracket. This larger bracket has been designed to provide addition support between the center cover molding and the throttle linkage. The flanged portion of the bracket helps to ensure proper installation of the center cover molding. This larger bracket is currently being installed on model 269C Production Helicopters and SAC highly

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recommends field installation on Model 269B Helicopters and earlier Model 269C Helicopters.

Failure to comply with the pilot's preflight inspection specified by Part I of this notice could lead to the loss of throttle control, which could result in damage to the Helicopter power train components and subsequent personal injury or death.

#### PART I - UPDATE OF PILOT'S FLIGHT MANUAL.

##### PROCEDURE

- a. Update existing Pilot's Flight Manual by removing previous issue from binder and inserting the referenced Reissue/Revision copy into binder.
- b. Record Compliance with Part I of this Service Information Notice in Compliance Record of Helicopter Log Book.

#### PART II - INSTALLATION OF CENTER COVER SUPPORT BRACKET.

##### PARTS LIST

NOMENCLATURE	SAC PART NO.	SOURCE	QUANTITY	
			MOD. KIT (Note 1)	RETROFIT KIT (Note 2)
Bracket	269A9928-5	SAC		1
Bracket	269A9928-7	SAC	1	
Rivet	NAS1738B4-1	SAC/Commercial	3	7
Rivet	NAS1738B4-2	SAC/Commercial	6	3
	Rivet	NAS1738B4-4	SAC/Commercial	2

##### NOTES:

1. Modified retrofit kit (269A9928-7 bracket) required for Model 269C Helicopters with Serial Numbers of 1150 through 1299.
2. Retrofit kit (269A9928-5 bracket) for all Model 269B Helicopters and for Model 269C Helicopters with Serial Numbers prior to 1150.

**PROCEDURE**

- a. Remove copilot seat and center cover.
- b. Install center cover support bracket as follows:

**NOTE**

- o The following procedure provides instructions to install either support bracket (269A9928-5 and 269A9928-7). Refer to Figure 1, Detail A when installing 269A9928-7 bracket (Modified Retrofit Kit) or Figure 1, Detail B when installing 269A9928-5 bracket (Retrofit Kit)
- o The existing support bracket does not need to be removed in order to install the improved support bracket on Model 269C Helicopters with Serial Numbers of 1150 through 1299. As shown in Figure 1, Detail A, the retrofit bracket fastens to the existing support bracket.

- (1) Remove AFT RIVET from seat bottom. (Refer to Figure 1 for location of AFT RIVET.)
- (2) Hold bracket in position between seat back and seat bottom as shown in Figure 1.
- (3) Transfer AFT RIVET hole location from seat bottom to mounting flange of support bracket.

**NOTE**

Use pilot holes in bracket to locate rivet holes. Use a #31 drill bit to drill holes.

- (4) Hold bracket firmly in position and drill a hole through bracket upper mounting surface and seat back. Secure bracket to seat back with cleco fastener.
- (5) Drill hole through bracket forward mounting flange and through seat bottom; secure bracket to seat bottom with cleco fastener.
- (6) Ensure that bracket is in proper position before continuing with the installation.
- (7) Drill remaining holes and secure bracket to seat structure with appropriate rivets at locations shown in Figure 1, Detail A (Retrofit Kit) or Detail B (Modified Retrofit kit), as applicable.

- c. Reinstall copilot seat and center cover.
- d. Record Compliance with Part II of this Service Information Notice in Compliance Record of Helicopter Log Book.

**WEIGHT AND BALANCE DATA**

Weight and balance not affected.

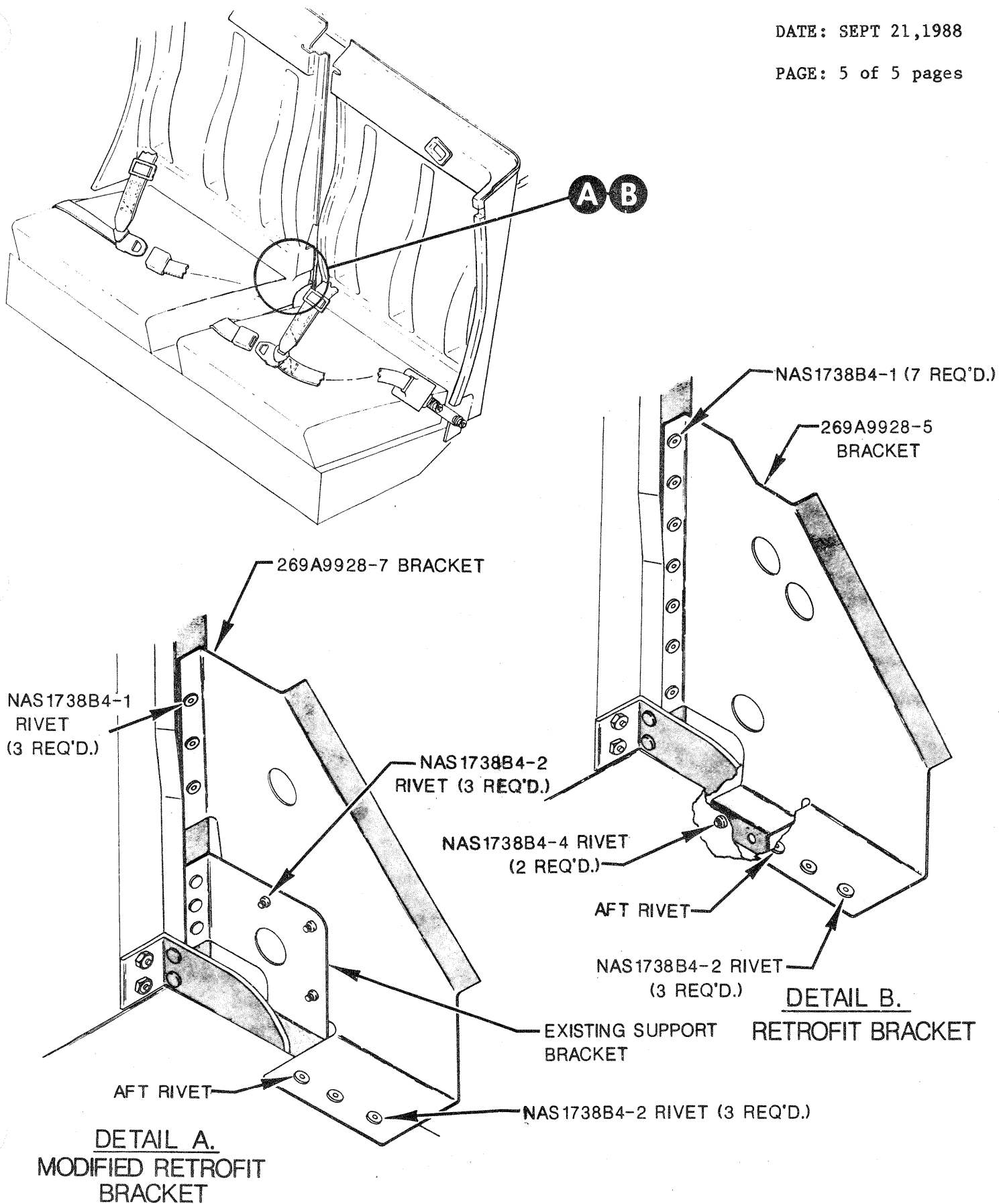


FIGURE 1. CENTER COVER SUPPORT BRACKET