



**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. N-106

DATE 17 MAR 1973

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FAA APPROVED

SUBJECT: REWORK - FLOTATION GEAR INSTALLATION, KIT NO. 269A4300-15

MODELS AFFECTED: All Model 269C Helicopters equipped with subject Flotation Gear Kit configuration

TIME OF COMPLIANCE: Shall be accomplished at or prior to next 100-hour periodic inspection

PREFACE: The information given in this Service Information Notice lists a procedure for installing a plastic insulator panel to the underside of the cockpit floor panel above the landing light relay, to preclude contact between the DPDT relay terminals and the floor panel.

Instructions are also provided for replacing the existing plastic dust covers on the landing gear damper assemblies with protective rubber boots.

References

269 Series - Basic HMI, Issued 1 Feb 1972; Revision No. 2, 1 Nov 1972
269 Series - HMI Appendix A, Issued 1 Sep 1970; Revised 1 Feb 1972

CUSTOMER SERVICE DEPARTMENT • HUGHES TOOL COMPANY • AIRCRAFT DIVISION • CULVER CITY, CALIFORNIA

PARTS LIST

<u>Nomenclature</u>	<u>Part No.</u>	<u>Qty</u>	<u>Mfr</u>
Boot - Landing Gear Damper	269A3108	4	Hughes
Insulator*	269A4300-19	1	Hughes
Rivet	SSD42SSBS	3	Commercial

*May be field fabricated - Plastic laminate 0.032 x 1.50 x 3.25 MIL-P-18177, Type GEE or equivalent.

TOOLS AND EQUIPMENT

Gun, rivet	Commercial
Drill, portable	Commercial
Drill bit - #30 (0.128/0.132 inch dia)	Commercial

MATERIALS

Primer, zinc chromate	MIL-P-8585	Commercial
Lockwire	MS20995N40	Commercial

PROCEDURE

- a. Check that all electrical switches are in OFF position.

NOTE

- Pay particular attention to MAGNETO switch; ensure that it is in OFF position.
- b. Disconnect battery cables from battery.
 - c. Remove lower forward fairing; cover engine air intake opening.
 - d. Remove landing light relay from floor beam.
 - e. Drill three 0.128/0.132 inch diameter holes in floor panel at dimension shown in Figure 1; use new 269A4300-19 insulator as template.
 - f. Install 269A4300-19 insulator to underside of floor panel with three SSD42SSBS rivets; install rivets with zinc chromate primer.

- g. Reinstall landing light relay on floor beam.
- h. Reconnect battery cables; perform operational check of landing light assembly.
- i. Remove existing 269A3165 plastic dust cover from each of the four landing gear damper assemblies.
- j. Install new 269A3108 boot on each damper and lockwire in place at top only.
- k. Remove cover from engine air inlet opening; reinstall lower forward fairing.
- l. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.

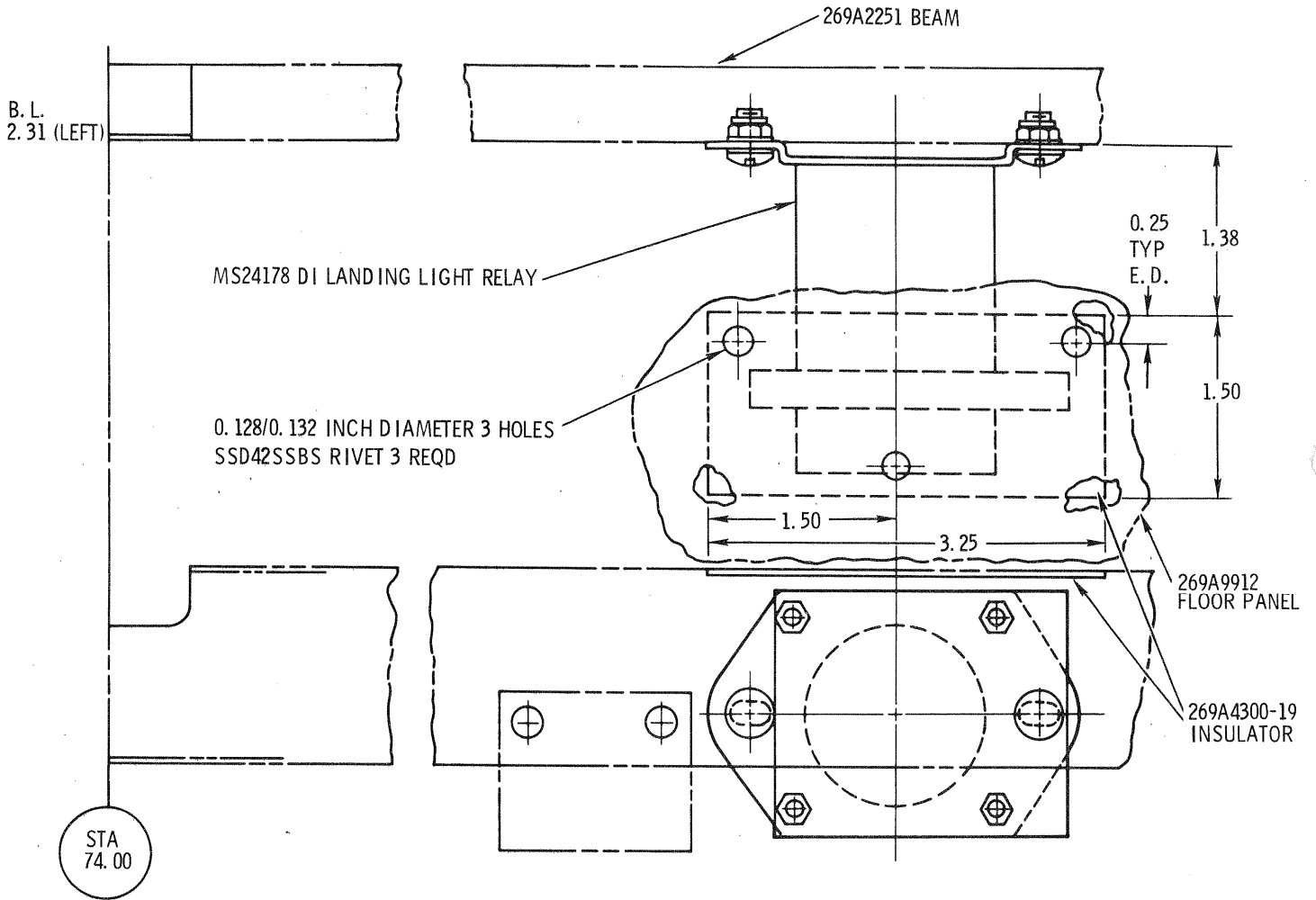


Figure 1. Installation of Electrical Insulator, 269A4300-19