



**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. N-104

DATE **26** FEB 1973

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FAA APPROVED

SUBJECT: MANUALLY OPERATED SEARCHLIGHT INSTALLATION, 269A4333 SERIES - WIRE REPLACEMENT, ALTERNATOR SWITCH TO CIRCUIT BREAKER

MODELS AFFECTED: All Model 269C Helicopters equipped with 269A4333 Series Dual Searchlight Kit Installation

TIME OF COMPLIANCE: Shall be accomplished within next ten (10) hours of helicopter operation.

PREFACE: The information given in this Service Information Notice lists a procedure for replacing the existing wire supplying the searchlight circuit breaker with a No. 10 wire which is more adequate for the 36-ampere dual lamp load. Compliance with this Notice will help preclude the possibility of a searchlight malfunction.

Reference

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

PARTS LIST

<u>Nomenclature</u>	<u>Part No.</u>	<u>Quantity</u>	<u>Manufacturer</u>
Wire, electrical	No. 10GA	A/R	Commercial

PROCEDURE

- a. Check that all electrical power is OFF; pay particular attention to MAG switch. Disconnect battery.
- b. Remove instrument panel fairing by removing screws and washers.
- c. Disconnect and remove existing No. 16GA wire from upper terminal of alternator switch and searchlight circuit breaker.
- d. Install and connect new No. 10GA wire to upper terminal of alternator switch and searchlight circuit breaker.
- e. Connect battery; reinstall instrument panel fairing.
- f. Perform functional check of searchlight and helicopter electrical system.
- g. Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.