



**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. N-129

DATE 31 March 1975

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FAA APPROVED

SUBJECT: INSPECTION/REPLACEMENT - SEARCHLIGHT MOUNT
BOLTS

MODELS AFFECTED: Any 269B or 269C Helicopter Equipped with Searchlight
Installation PN 269A4333-27, 269A4333-29 or 269A4335

TIME OF COMPLIANCE: Within next 50 hours of Helicopter Operation

PREFACE: This Service Information Notice defines an inspection of the searchlight
mount bolts to determine if adequate clearance exists between the bolts
and tail rotor control rods, with subsequent bolt replacement if clearance
is not found.

Inadequate clearance is attributed to an accumulation of tolerances
between the controls and installation and the searchlight.

Reference

269 Series Basic HMI, Issued 1 April 1973, Revision #2, 1 January 1974
269 Series Appendix A, Issued 1 April 1973

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PARTS LIST
(If Required)

<u>Nomenclature</u>	Part No.	<u>Qty</u>	<u>Manufacturer</u>
Bolt	NAS 1304-9	4	Commercial
Washer	NAS 1070-416	4	Commercial
Washer	AN 960-416L	4	Commercial
Nut	MS 21942-4	4	Commercial

PROCEDURE

a. Determine that all electrical switches are OFF, pay particular attention to MAG switch.

b. Remove lower forward fairing to gain access to tail rotor control rods. (Refer to HMI)

c. Visually inspect tail rotor control rods for evidence of interference between rods and search light mounting bolts; by positioning tail rotor control in various positions throughout their entire travel. A minimum of 0.060 inch is required with the control rod in the most adverse position.

1. If inadequate clearance is found, inspect control rod for damage. (Refer to HMI)

2. Replace any damaged parts.

3. Replace (4) four searchlight mounting bolts as follows:

NAS 1304-9 Bolt

NAS 1070-416 Washer - Under bolt head

AN 960-416L Washer - Under Nut

MS 21942-4 Nut

d. Install removed components in reverse order of removal.

e. Record compliance with this service information notice in compliance section of Helicopter Log Book.

WEIGHT AND BALANCE

Not Affected.