



**HUGHES
SERVICE INFORMATION
NOTICE**

NOTICE NO. N-139

DATE 20 May 1976

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SUBJECT: MODIFICATION - LEFT-HAND FRONT ENGINE COOLING SHROUD PANEL ASSEMBLY, PN 269A8508-15 OR -25; AND ENGINE MOUNTING BOLT INSTALLATION

MODELS AFFECTED: Model 269C Helicopter Serial No. 0001 thru 0408
Model 269B Helicopter Serial No. 0124 and subsequent equipped with Subject Panel Assembly

TIME OF COMPLIANCE: At Owners and Operators Discretion -
Suggested at next Engine Overhaul or Engine Removal

PREFACE: The information given in this Service Information Notice lists a procedure to facilitate removal of the engine mounting bolt, by adding an access hole in the subject engine cooling shroud panel assembly, and reversing the direction of the installed bolt.

It is noted that the modification is not applicable to PN 269A8508 basic left-hand front engine cooling shroud panel assembly which incorporates the 269A8509 tube assembly for magneto cooling.

Reference

- 269 Series - Basic HMI, Issued 1 April 1973; Revision No. 3, 15 March 1975
- 269 Series - HMI Configuration Supplement B, Issued 1 March 1973
- 269 Series - HMI Configuration Supplement C, Issued 1 March 1973; Revision No. 2, 1 October 1974

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PARTS LIST

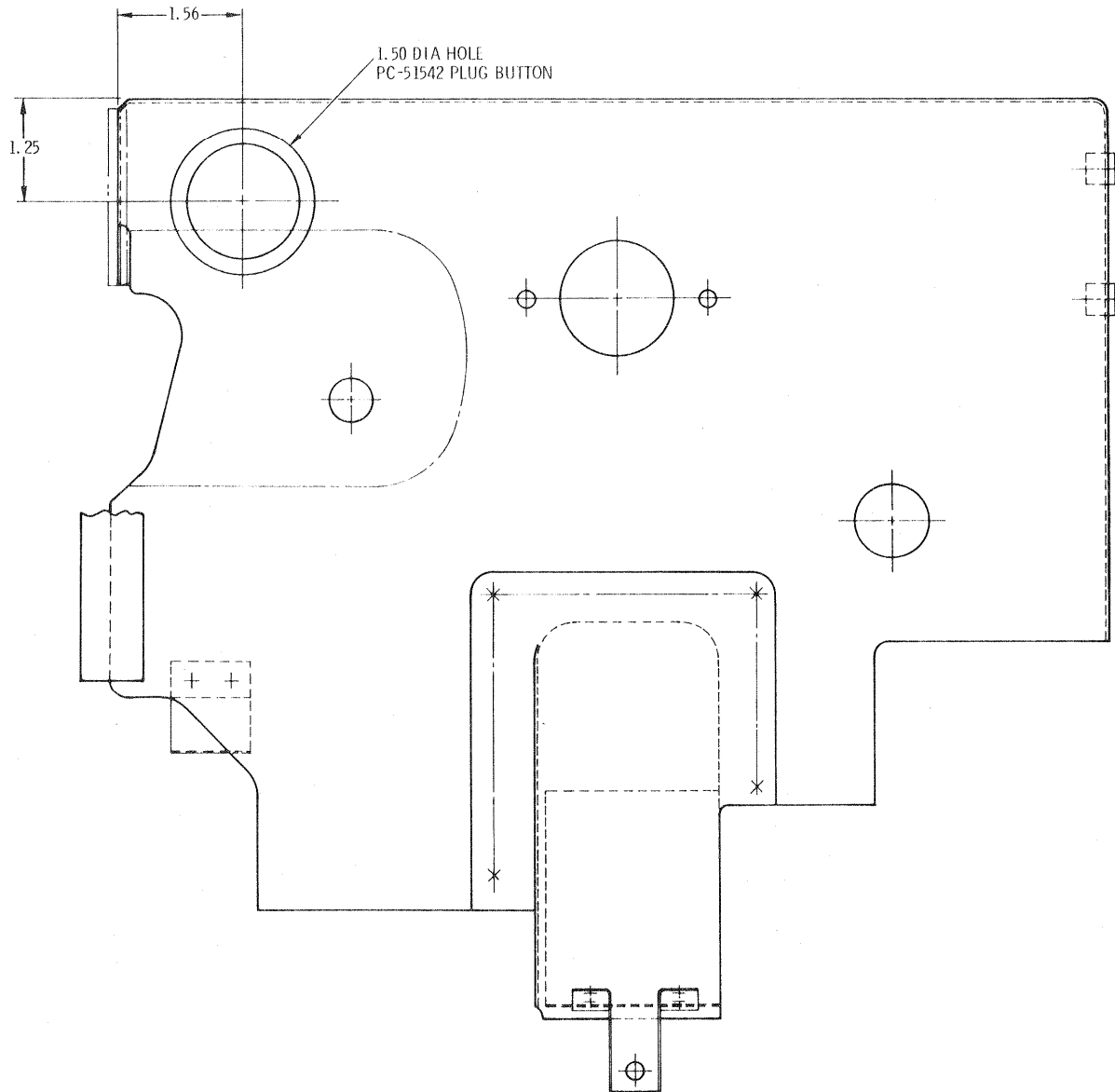
<u>Nomenclature</u>	<u>Part No.</u>	<u>Qty</u>	<u>Mfr</u>
Plug Button	PC-51542	1	United Carr Fastener Corp

PROCEDURE

- a. Remove left-hand front engine cooling shroud panel, per referenced Basic HMI and applicable HMI Configuration Supplement.
- b. Using flycutter or equivalent tool, cut 1.50-inch diameter hole in panel assembly at dimensions shown in Figure 1.
- c. Reverse direction of existing NAS1308-55D engine mounting bolt at forward left-hand side of engine. Use existing washers and spacers for reinstalling bolt.
- d. Reinstall panel assembly.
- e. Install PN PC-51542 plug button in new access hole.
- f. Record modification per this Service Information Notice in Components Record of Helicopter Log Book.

WEIGHT AND BALANCE DATA

Weight and balance not affected.



LEFT-HAND FRONT ENGINE COOLING SHROUD PANEL

NOTE:

ALL DIMENSIONS IN INCHES.

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Figure 1. Modification - 269A8508-15/-25 engine coding shroud panel assembly

