



SERVICE BULLETIN

DATE: 14 APRIL 1978

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MANDATORY

ENGINE COMPRESSOR WATER WASH KIT INSTALLATION, PN 369H23537 – INSPECTION AND REPLACEMENT OF RIVETS

1. PLANNING INFORMATION:

A. Models Affected:

All 500 Model 369H Series Helicopters equipped with subject water wash kit installed per Hughes Service Information Notice No. HN-107, dated 8 November 1976

B. Time of Compliance:

Shall be accomplished within next 100 hours of helicopter operation

C. Preface:

The information given in this Service Information Notice lists a procedure for a one-time inspection of the non-monel solid or pull-type rivets used to secure the PN 369H3042 Spray assembly to the inner side of the plenum chamber forward wall, to ensure that these rivet are intact prior to removal and replacement with new NAS1738M4-2 rivets.

*Helicopters equipped with subject water wash kit installed per Hughes Service Information Notice No. HN-107. I or subsequent revisions are NOT affected by this Notice.

D. FAA Approval:

FAA APPROVED

E. Weight and Balance:

Weight and balance not affected

F. Reference Publications:

500 Series - Basic HMI, Issued 1 October 1972; Revision No. 7, 15 December 1976
Hughes Service Information Notice No. HN-107, dated 8 November 1976
Hughes Service Information Notice No. HN-107.1, dated 23 January 1978
Diesel Allison Operation and Maintenance Manual 5W2 (250-C18) or 10W2 (250-C20)

REPLACEMENT PARTS/SUPPLIES			
Nomenclature	Part No.	Qty.	Source
Rivet	NAS1738M4-2 or MS20615-3M5	8	Commercial

TOOLS AND EQUIPMENT	
Nomenclature	Source
Gun, Rivet	Commercial
Motor, drill	Commercial
Drill bit – No. 30	Commercial

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MATERIAL	
Nomenclature	Source
Primer, zinc chromate	Commercial

2. PROCEDURE

(1). Open plenum chamber access door.



Install a protective cardboard cover or suitable material over engine air intake.

(2). Visually inspect NAS1398B4-2 non-monel solid or pull-type rivets securing PN 369H3042 spray assembly to inner side of plenum chamber forward wall.



If any NAS1398B4-2 rivets or removable stems are missing, perform inspection of engine compressor, per DDA Engine Operation and Maintenance Manual prior to removal of existing rivets and installation of new rivets.

(3). Remove existing NAS1398B4-2 non-monel solid or pull-type rivets and install new NAS1738M4-2 or MS20615-3M5 rivets, eight (8) places.

(4). Check rivet installation for discrepancies; clean and check plenum chamber for foreign objects.

(5). Remove temporary cover over engine air intake; close chamber access door.

(6). Record compliance with this Service Information Notice of Compliance Record of Helicopter Log Book.

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