

**HUGHES  
SERVICE INFORMATION  
LETTER**

LETTER NO. HL-53

DATE 22 July 1977

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**TO—All owners and operators of Hughes Helicopters**

**SUBJECT: REPLACEMENT OF PN 369A1613-3 METAL TAIL ROTOR BLADE ASSEMBLIES**

**MODELS AFFECTED:** The following helicopters equipped with PN 369A1613-3 Metal Tail Rotor Blade Assemblies:

369HS Helicopter Serial No. 0001S thru 0878S

369HM Helicopter Serial No. 0001 thru 0004;

0005M thru 0304M

369HE Helicopter Serial No. 0201E thru 0215E

**Reference**

500 Series - Basic HMI, Issued 1 October 1972; Revision No. 7, 15 December 1976  
Hughes Service Information Notice No. HN-83, dated 15 April 1975  
FAA Airworthiness Directive AD 75-10-04, Amendment 39-2196,  
effective 12 May 1975

The 369A1613-3 metal tail rotor blade assembly will no longer be manufactured by Hughes Helicopters after the present stock is depleted. A new 369A1613-501 metal tail rotor blade assembly will be provided as replacement. The -501 blade assembly has a modified root fitting designed with a flat surface for bolt clamp up, using special shoulder bushings and crush washers at both sides of attachment.

The new 369A1613-501 metal tail rotor blade assembly is not subject to the inspection requirements specified by the above referenced Hughes Notice No. HN-83 and FAA AD 75-10-04; and may not be intermixed with the -3 blade assembly.

It is to be noted that when the new -501 blade assemblies are installed, a new 369A1706-501 tension torsion strap assembly must also be used to accommodate the modified blade root fitting design.

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When ordering replacement blades for existing 369A1613-3 metal tail rotor blade assemblies, specify the following components: 369A1613-501 tail rotor blade assembly (2 each), 369A1706-501 tension torsion strap assembly (one each), 369H5308 shoulder bushing (4 each), 369H5309 crush washer (4 each), MS21250-06040 bolt (2 each), and FN22M624 nut (2 each). Current list price for all of the above specified components is \$2591.38.

For upgrading existing fiberglass tail rotor blade installations to the metal blade configuration, specify conversion kit PN 369H90005-9 which includes the new 369A1613-501 blades and compatible components specified above.

Installation of the new 369A1613-501 tail rotor blades upgrades existing 369A1620-13 tail rotor subassembly installations to the new 369A1620-17 configuration.

For further information, contact your Service Center or Hughes Helicopters Customer Service Parts Sales Department.



Edward Koch, Manager  
Customer Service Department  
Hughes Helicopters