

**HUGHES  
SERVICE INFORMATION  
NOTICE**

NOTICE NO. HN-05

DATE 4 March 1974

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FAA APPROVED

**SUBJECT:** REPLACEMENT METAL TAIL ROTOR BLADE  
PN 369A1613-3  
COMPATABILITY CRITERIA

**MODELS AFFECTED:** All 369H Series Helicopters with Metal Tail Rotor  
Blades Installed.  
  
All Metal Tail Rotor Blades in Spares Inventory.

**TIME OF COMPLIANCE:** Part I. For Helicopter with Metal Tail Rotor Blades  
Installed; Prior to Next Flight.  
  
Part II. On Subject Tail Rotor Blades in Spares Inventory;  
Prior to Installation.

**PREFACE:** The metal tail rotor blades are balanced to a master fixture  
to provide a replacement/interchangeability factor with  
existing tail rotor assemblies. In certain instances  
in-service blades and replacement blades may not be  
compatible. This Service Information Notice establishes  
mix match criteria to insure maximum tail rotor opera-  
tional smoothness.

### GENERAL INFORMATION

a. All metal tail rotor blades are serialized assemblies starting with SN 0001 and continuing sequentially. Blades may be categorized as follows:

Category A. Serial No's. 0001 through 0156.

Category B. Serial No's. 0157 and subsequent.

b. Blade compatibility is as follows:

1. Any Category A blade may be installed with any other Category A blade.

2. Any Category B blade may be installed with any other Category B blade.

3. Category A blades are not compatible with Category B blades.

### Part I. INSPECTION

a. Inspect helicopter tail rotor assembly; determine that tail rotor blade category is compatible per "General Information".

1. If installed blades are of same category, no further action need be taken.

2. If blades installed on helicopters are of different categories, and before further flight, remove and return both blades to Hughes Helicopters for balance to the Category B master balance fixture.

3. Serviceable Category A blades (SN's 0001 through 0156) returned to the factory for rebalance to the Category B master fixture, will be identified by the suffix A following the serial number, and are then, compatible with Category B blades. This work will be accomplished at the factory at no charge.

4. Record compliance with this Notice in helicopter records for future use.

### Part II. CATEGORIZATION

a. When installing spare tail rotor blade/blades on in-service tail rotor assemblies, determine blade compatibility in accordance with "General Information" in this Service Information Notice.

### NOTE

All future deliveries of spare tail rotor blades will have serial numbers above SN 0157.