



HN-228
DN-175
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SERVICE BULLETIN

DATE: 21 NOVEMBER 1990
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MANDATORY

SUBJECT: ONE-TIME INSPECTION OF 369H8407 ENGINE BLEED AIR TUBE FLEXIBLE AREA

SUMMARY: MD Helicopters, Inc. (MDHI) has received field reports indicating that some 369H8407 bleed air tubes have developed a leak in the flexible section of the tube assembly. The effect of a leak in this tube will give operators high temperature indications (TOT) and low power indications.

PURPOSE: The purpose of this Notice is to inspect all helicopters for possible leaks in the flexible portion of the engine bleed air tube.

MODELS AFFECTED: All (MDHI) 369H Series helicopters, including the 369A (OH-6A) Series helicopter, 369D and 369E Series helicopters.

TIME OF COMPLIANCE: The requirements of this Notice shall be accomplished within the next 300 hours of helicopter operation from the date of this Notice or at the next annual inspection, whichever occurs first.

NOTE

The requirements of this Notice should be accomplished whenever low power or high TOT is suspected.

ASSEMBLY/COMPONENTS TO BE INSPECTED: 369H8407 tube assembly, compressor air bleed.

REFERENCE PUBLICATIONS: (Use the manuals listed below or any later revisions.)
369H Basic HMI (CSP-H-2) Revised 15 January 1989
369H Opt. Equip. (CSP-H-3) Issued 15 October 1982
369D/E HMI Vol. I (CSP-D-2) Revised 01 August 1989

SUPPLY/PARTS: Normal warranty policy applies when obtaining parts to accomplish this Notice.

PARTS LIST

Nomenclature	Part No.	Qty.	Source
Tube assembly, Compressor air bleed	369H8407	*A/R	MDHC

* A quantity of (1) is required per helicopter, if necessary.

MATERIAL	
Nomenclature	Source
Soap/water solution (Snoop or equivalent)	Commercial

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SPECIAL TOOLS/JIGS AND FIXTURES REQUIRED. N/A.

AIRCRAFT INSPECTION AND CORRECTION PROCEDURES:

WARNING

Failure to properly install, align, and torque fuel, oil and air tubes and fittings could result in an engine failure. Refer to the applicable manual for installation and torque procedures.

- a. Gain access to the engine compartment.
- b. Using the applicable Pilot's Right Manual, operate engine at ground idle.

WARNING

Avoid contact with engine exhaust and engine bleed air as engine operating temperatures could cause severe burning. Use suitable ear protection when performing maintenance around operating engines.

- c. Apply Snoop (or equivalent soap/water solution) over the flexible portion of the 369H8407 bleed air tube assembly.
- d. Replace those tube assemblies which exhibit leaking per applicable maintenance manual.

NOTE

Any leaks in the compressor air bleed tube assembly flexible area should become apparent when the soap/water solution or Snoop is applied to the compressor air bleed tube assembly.

WEIGHT AND BALANCE: N/A

RECORDING AND COMPLIANCE:

Record compliance to this Service information Notice in the Compliance Record section of the helicopter Log Book.

POINTS OF CONTACT:

For further information contact your local MDHI Field Service Representative (refer to the later revision of the Product Support handbook for address and telephone numbers) or contact the Field Service Department at MDHI, Mesa, Arizona. Telephone: 1-800-445-1516 or (602) 891-6342.

Alterations to affected models as described by procedures in this Notice have been shown to comply with Federal Aviation Regulations and is FAA Approved.

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