



# SERVICE BULLETIN

DATE: 6 MAY 2003

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## EXHAUST DUCT INSPECTION

### 1. PLANNING INFORMATION

#### A. Aircraft Affected:

Model 600N Helicopters, serial number RN003 thru RN067.

#### B. Assembly/Components Affected By This Bulletin:

Exhaust Duct (P/N 369D28630-BSC, -501).

#### C. Reason:

An operator has reported airframe damage in the vicinity of the engine exhaust duct.

Failure to comply with this Bulletin may result in damage to the engine exhaust duct, aft section firewall and airframe structure.

#### D. Description:

Procedures in this Bulletin provide owners and operators with information pertaining to checking the clearance between the engine exhaust duct and the aft section firewall and inspecting for evidence of contact.

#### E. FAA Approval:

The technical design aspects of this Bulletin are FAA Approved.

#### F. Manpower:

1.0 man-hour.

#### G. Time of Compliance

The requirements of this Bulletin shall be accomplished no later than thirty (30) days after the issue date of this Bulletin.

#### H. Interchangeability:

None

#### I. Material/Part Availability:

N/A

#### J. Warranty Policy:

Standard warranty applies.

#### K. Tooling:

N/A

#### L. Weight and Balance:

N/A

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## **M. Electrical Load Data:**

N/A

## **N. Other Publications Affected:**

N/A

## **O. Points of Contact**

For further assistance, contact your local MDHI Field Service Representative or contact the Field Service Department at MDHI, Mesa, Arizona.  
Telephone 1-800-388-3378 or (480) 346-6387.  
DATAFAX: (480) 346-6813.

## **2. ACCOMPLISHMENT INSTRUCTIONS**

### **A. Engine Exhaust Duct Inspection**

- (1). Remove engine oil filter access door.
- (2). Open engine access doors.



Allow engine to cool, if necessary, before proceeding.

(Ref. Figure 1)

- (3). Using flashlight and mirror, look in engine bay through engine access doors and look through engine oil filter access cutout.
- (4). Inspect top of engine exhaust duct for contact marks and bottom of upper aft section firewall for contact marks with discoloration, holes or tears. Pay particular attention to firewall blanket retainer clips at Sta. 155.75 fuselage ring.
  - (a). If there is no evidence of contact or damage, no further action is required.
  - (b). If there is evidence of contact with discoloration, estimate minimum gap between top of engine exhaust duct and upper aft section firewall at Sta. 155.75 fuselage ring and contact MDHI Field Service Department for further instructions.
  - (c). If there is a hole or tear in the firewall blanket, maintenance is required before next flight. Contact MDHI Field Service Department for further instructions.
- (5). Close engine access doors.
- (6). Install engine oil filter access door.

## **3. IDENTIFICATION**

N/A

## **4. DISPOSITION OF PARTS REMOVED**

N/A

## **5. COMPLIANCE RECORD**

Record Compliance with this Service Bulletin in the Compliance Record section of the helicopter Log Book and complete and return the Bulletin Response Form.

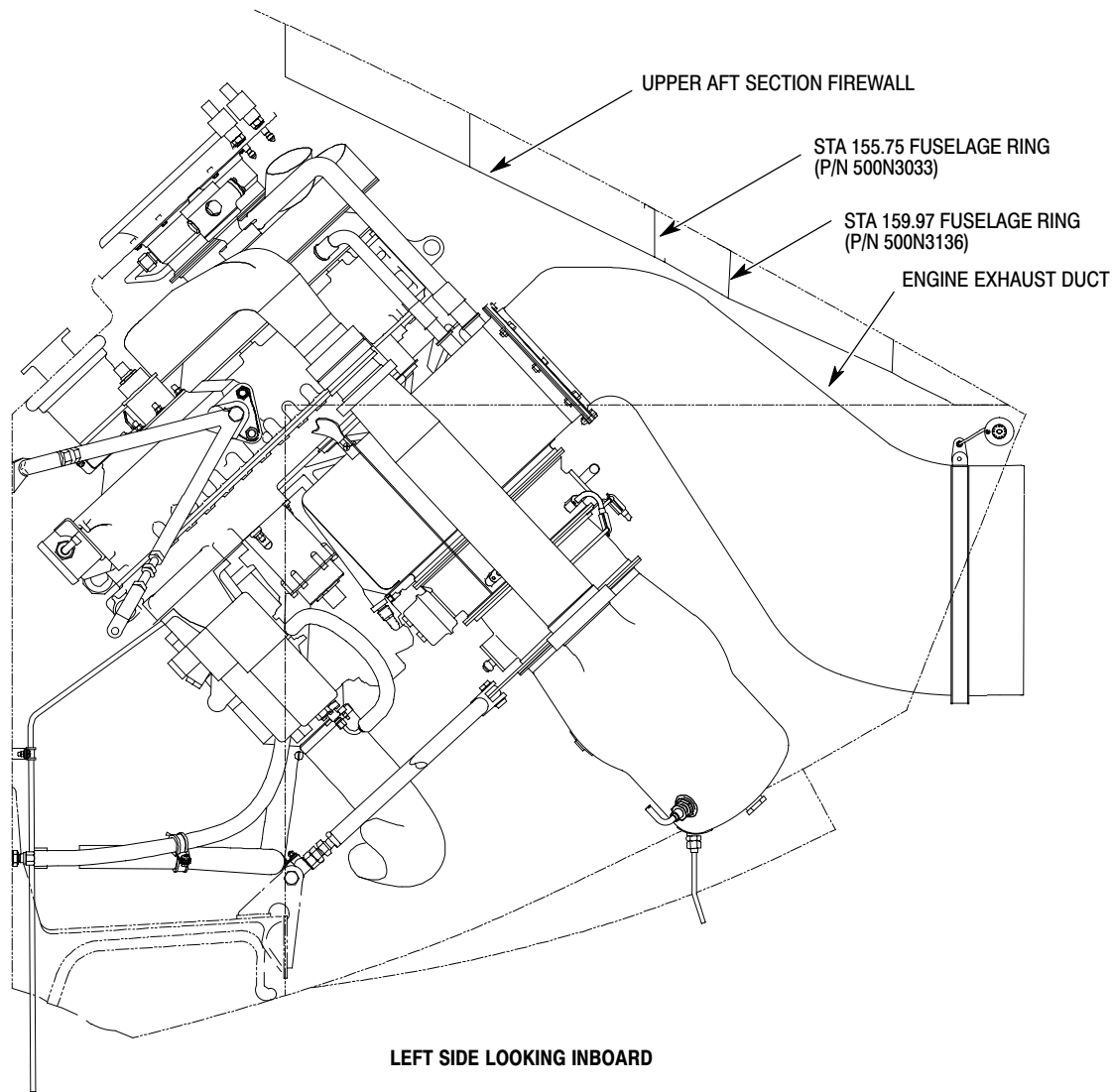
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**Figure 1. Engine Exhaust Duct Inspection**

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