



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

**MINISTRY OF TRANSPORT AND COMMUNICATIONS  
CIVIL AVIATION DEPARTMENT**

Male'  
Republic of Maldives

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## **AIRWORTHINESS DIRECTIVE**

No. CAD/MI-8/2  
12 January 1994

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### **APPLICABILITY**

Mil Helicopters  
Model: Mi-8  
Serial Nos: All (Operated in the Maldives)

### **SUBJECT**

Use of NDT to detect cracking of:  
Tail Rotor Drive Shaft

### **REFERENCE**

Perform, in accordance with approved procedures, ultrasonic/Magnetic particle inspection for crack detection. In the absence of such procedure in the Maintenance Manual, consult the Manufacturer.

### **REASONS**

Further to AD Number CAD/Mi-8/1 dated 8 January 1994; based on additional evidence, the tail rotor system failure may be attributed to the failure of the tail rotor drive shaft.

### **ACTION AND COMPLIANCE**

- a) The directive shall be accomplished by approved personnel, within 25 flight hours after the effective date of this directive and
- b) Subsequently every 100 flight hours;
- c) If cracks are discovered, before further flight replace the entire drive shaft assembly;
- d) Within 48 hours of any crack detection; the cracked part shall be sent to the manufacturer, and report it in writing to the Civil Aviation Department.

### **EFFECTIVITY**

The Directive becomes effective forthwith.

Abdul Razzak Idris  
DIRECTOR OF CIVIL AVIATION