



## Civil aviation Safety Authority of Papua New Guinea

*(This Airworthiness Directive (AD) is issued pursuant to the PNG Civil Aviation Act 2000(as amended) Section 17 and the PNG Civil Aviation Rule (as amended) Part 39. The continuing Airworthiness of a PNG registered aircraft is contingent upon compliance with all applicable ADs.)*

### **PNG AD 2022-02: Inspection of Tail Rotor Shaft**

**Issue 1/ 06-09-2022**

#### **Applicability:**

All Papua New Guinea registered MIL 8 AMT and MIL 8 MTV-1 Helicopters with transmission 8M-1500-000 installed.

#### **Requirement:**

1. Carry out one time only inspection of Tail Rotor Shaft Part No. 8M-1516-000 in accordance with 8M-1500-000 MM, Task Cards 084.41,00a & 084.41,00c.
2. Carry out one time only lubrication of Tail Rotor Shaft splined couplings in accordance with Lubrication Chart referred to in the applicable Maintenance Manual, Volume 4, Chapter 084.40.00.
3. If no faults were detected during inspections in accordance with paragraph 1, repeat visual inspections every 50 hours.

Report any defects found to CASA PNG Manager Airworthiness via email: [syangom@casapng.gov.pg](mailto:syangom@casapng.gov.pg).

#### **Compliance:**

- For operating helicopters: Carry out the initial inspections prescribed in paragraphs 1 and 2 at next scheduled maintenance following the issue of this AD, and repeated every 50 hourly thereafter.
- For all other helicopters, before the issue of Certificate of Airworthiness.

#### **Background**

The Original Directive was issued by Russian Federation Civil Aviation Authority after incident with Mi-8MTV-1 helicopter due to Tail Rotor Shaft failure.

#### **Appendixes**

- Copy of Russian Airworthiness Directive No. 2021-Mi-8,171-03



**Reason for Issue of Papua New Guinea MIL 8 Helicopter ADS.**

Papua New Guinea normally relies on the State of Design Airworthiness Directives. However, with the MIL 8 series helicopters the Russian regulator does not distribute ADs to the aviation industry but distributes them internally to their regional offices. The regional offices then notify operators that are their direct responsibility. CASA PNG is on this list for distribution of MIL 8 ADs. The ADs being received are in Russian and do not follow the layout acceptable to the Director.

For the above reasons the Director will issue ADs for the MIL 8 series helicopters on the PNG register. A copy of the related Russian document will be translated and provided as an appendix to each AD.

**This AD is effective from 06 September 2022**

*(Note: Operators may apply in writing to the Director for acceptance of an alternate means of compliance (AMOC) per CAR 39.13. Any extension request to the compliance times beyond the permitted limits in CAR 39.15 will be assessed and approved by the Director on a safety 'case-by-case' basis.)*



**BENEDICT IGO ORAKA**  
Director of Civil Aviation  
The Independent State of Papua New Guinea

