



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 2022-01: Inspection of Cooling Fan Universal Shaft

Issue 1/ 06-09-2022

Applicability:

All Papua New Guinea registered MIL 8 AMT and MIL 8 MTV-1 Helicopters.

Requirement:

- (1) Carry out dismantling and lubrication of Cooling Fan Universal Shaft Part No. 8AT.6314.000 in accordance with Task Card 208P.
- (2) Carry out one time only inspection of Cooling Fan Part No. 8A-6311-00 ser.4 in the volume of Task Card 201P.
- (3) In the of absence of smooth rotation of the Cooling Fan wheel, or the detection of jams and (or) knocks when performing works in accordance with paragraphs 1 and 2, replace the Cooling Fan guided by the Task Card 205P.
- (4) In there are no faults detected during inspections in accordance with paragraphs 1 and 2, repeat visual inspections every 300 hours.

Report any defects found to CASA PNG Manager Airworthiness via email: syangom@casapng.gov.pg.

Compliance:

- For operational helicopters: Carry out the initial inspections prescribed in paragraphs 1 and 2, at the next scheduled maintenance following the issuance of this AD, and repeat the inspections every 300 hourly.
- For all other helicopters: before the issue of Certificate of Airworthiness.

Background

The Original Airworthiness Directive was issued by Russian Federation Civil Aviation Authority after an incident with Mi-8AMT helicopter due to cooling fan failure.

Appendixes

- Copy of Russian Airworthiness Directive No. 2020-Mi-8,171,172-01

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