



Civil Aviation Safety Authority of Papua New Guinea

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

PNG AD/MIL 8/025: Inspection of Tail Rotor Blades

Issue 1: 3/03/2015

Applicability:

All Papua New Guinea registered MIL 8 AMT and MIL 8 MTV-1 Tail Rotor Blades installed or held as spares.

Requirement:

Inspect all Tail Rotor Blades installed or in store to establish they are genuine parts in accordance with the procedure set down below.

NOTE. Installed blades must be removed from the aircraft prior to performing this inspection.

1. Remove paint around the area where the serial number is stamped on the Spar Bar Bracket and ensure the presence of the yellow to dark yellow colour anodic coating layer. If this layer has been removed you will see shiny metal. The removal of paint is to be performed only by solvent washing away method. Cutting or grinding to remove the paint layer is prohibited.
2. If the anodic coating around the stamped serial number is missing on one or more blades, - the related complete set of Tail Rotor Blades is to be removed permanently from service.
3. After completion of the inspection apply paint on inspected area as per approved technical documentation. Then record details of completion of the Inspection in the Passport of the Tail Rotor. Record this PNG AD number and the Russian document number. **03.03-1192 dated 07.11.2014.**
4. Check the Passports for each Tail Rotor Blade to ascertain if the inspection required by Rusavia document number **5.9-63GA dated: 13.02.08** has been recorded in the applicable Passport.
5. Make the following report to CASA PNG Manager Airworthiness:
 - (a) Serial number of each blade inspected and if it failed or passed the inspection.
 - (b) Advise the Tail Rotor Blade serial numbers that had the inspection required by Russian document number 5.9-63GA dated 13.02.08 recorded in its Passports. If none, state 'None'.
 - (c) If a suspected unapproved Part is discovered, complete Form CAA 21-08 and return it to the CASA Manager Airworthiness as soon as possible.

Compliance:

- For installed Rotor Blades; before 31 March 2015.
- For uninstalled (stored) Rotor Blades; before installation or before 1 June 2015, whichever occurs first.

Background:

Following a fatal accident in the Liberian Republic the Russian regulator required an inspection of all MIL 8, MIL 8 MTV-1, MIL 8 AMT and variants Tail Rotor Blades to remove any "bogus" blades from service. This inspection requirement was issued in February 2008.

Upon the completion of this inspection operators were instructed to "*Record details of completion of Inspection in the Passport of Tail Rotor Blades*".

Subsequently, in August 2014, during the inspection of a set of Tail Rotor Blades for an extension of service life by "MMZ Vpered" a set of blades that did not match the data base held by "MMZ Vpered" were found and for another tail rotor the stamps and signatures in the Passport were determined to be falsified.

Accordingly the Russian regulator has called for a further inspection of all installed and stored Tail Rotor Blades to locate and remove any bogus items.

The inspection required and recording actions is the same as the 2008 inspection.

Appendix 1.

Copy of Russian document numbers **03.03-1192** and **5.9-63GA**.

Reason for issue of Papua New Guinea MIL 8 helicopter ADs.

Papua New Guinea normally relies on 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 now on this list for distribution of MIL 8 ADs. The ADs being received are in Russian and do not follow the layout normally adopted by Western regulators.

This AD is effective from 3rd March 2015.



Wilson Sagati, OBE
Director

**AC 20-02 ISSUE 1 APPENDIX 1-SUSPECTED UNAPPROVED PARTS REPORT**

Refer to page 2 for instructions on how to complete this form.

1. Date the Part Was Discovered:		2. Part Name:	
3. Part Number:		4. Part Serial Number:	
5. Quantity:	6. Assembly Name and Number: Name: Number:	7. Aircraft Make & Model: Make: Model:	
8. Name, Address, and Description of the Company or Person Who Supplied or Repaired the Part:			
Name:		Street Address:	
City:	State:	ZIP Code:	
Country:		Phone Number:	
Check One of the Following Applicable to the Company or Person Who Supplied or Repaired the Part:			
<input type="checkbox"/> AOC - Certificate #		<input type="checkbox"/> Supplier	
<input type="checkbox"/> AME License #		<input type="checkbox"/> Production Approval Holder	
<input type="checkbox"/> MOC- Certificate #		<input type="checkbox"/> Manufacturer	
<input type="checkbox"/> Distributor		<input type="checkbox"/> Other	
<input type="checkbox"/> Owner/Operator		<input type="checkbox"/> Unknown	
9. Description of the Issue: (attach additional sheet if necessary)			
10. Name and Address of (the Company or Person) Where the Part Was Discovered:			
Name:		Street Address:	
City:	State:	ZIP Code:	
Country:		Phone Number:	
Check One of the Following Applicable to the Company or Person Who Discovered the Part:			
<input type="checkbox"/> AOC - Certificate #		<input type="checkbox"/> CASA Inspector	
<input type="checkbox"/> AME - Licence #		<input type="checkbox"/> DOT Inspector	
<input type="checkbox"/> CAR 145 MOC- Certificate #		<input type="checkbox"/> Accident Investigation Commission	
<input type="checkbox"/> Distributor		<input type="checkbox"/> Other Government Agency	
<input type="checkbox"/> Supplier		<input type="checkbox"/> Foreign Civil Aviation Authority	
<input type="checkbox"/> Production Approval Holder		<input type="checkbox"/> Owner/Operator	
<input type="checkbox"/> Unknown		<input type="checkbox"/> Other	
11. Date of This Report:			
12. <input type="checkbox"/> Check this box if you request anonymity - Do not complete block 13.			
13. Name and Address of the Reporter:			
Name:		Street Address:	
City:	State:	ZIP Code:	
Country:		Phone Number:	
14. <input type="checkbox"/> Check this box if you request confidentiality.			
15. <input type="checkbox"/> Check this box if you have attached additional information.			

Instructions for Completing CAA Form 21-08, Suspected Unapproved Parts Report

1. Record the date the part was discovered.
2. Record the part name (or a description of the part).
3. Record the part number or identification number of the part.
4. Record the serial number on the part, if applicable.
5. Record the quantity of parts.
6. Record the assembly name and assembly number (where the part was or could be installed).

Record additional part numbers on page 3 or on a blank sheet of paper with the same information. Example:

Part Name: Strut | Part Number: 1234 | Serial Number: 678 | Quantity: 1 | Assembly Name: Main Landing Gear | Assembly Number: 56789X

7. Record the type of aircraft the part was (or could be) installed on.
8. Record the complete name and address of the company or person who produced, repaired, and/or sold the part. Do not list a P.O. Box address unless a street address is not available.

Check the box that describes the company or person and provide the certificate number, if known.

AOC holder - A CASA PNG-certificated company or person who undertakes directly by lease, or other arrangement, to engage in commercial air transportation.	Supplier - A company or person who furnishes aircraft parts or related services, at any tier, to the producer of a product or part thereof.
AME - Aircraft Maintenance Engineer -a person holding a PNG aircraft maintenance engineer licence with airframe and/or powerplant ratings.	Production Approval Holder - A company or person holding one of the following four types of FAA production approvals: production certificate, approved production inspection system, parts manufacturer approval, or technical standard order authorization.
CAR 145 MOC - a certificated maintenance organization.	Manufacturer - The original equipment manufacturer (OEM.)
Distributor - A broker, dealer, reseller or other person or agency engaged in the sale of parts.	Other - Record other type of business.
Owner/Operator - The owner or operator of an aircraft.	Unknown

9. Record a brief narrative stating why you believe the part is not approved. Include a description of the part (improper configuration, suspect marking, different material, etc.), where it was obtained, and what type of documentation was supplied with it.
10. Record the complete name and address of the location where the part was found. Check the appropriate block to reflect the affiliation of the company or person who discovered the part.
11. Record the date the CAA 21-08 is being submitted.
12. Check this box if you request anonymity (do not wish to provide your identity), and do not complete 13 or 14.
13. Record your name, address and phone number, if desired. This information will enable the CASA to contact you for additional information, if necessary.
14. Check this box if you request confidentiality of your personal information recorded in block 13.
15. Check this box if you have provided additional information (photos, invoices, certification statements, etc.)

Forward the completed CAA 21-08, Suspected Unapproved Parts Report, to:

**Civil Aviation Safety Authority of Papua New Guinea
Office of the Director, Morea Tobo Road, Six Mile, Port
Moresby, NCD, Papua New Guinea.**

An electronic copy of CAA Form 21-08, Suspected Unapproved Parts Report, is available on the CASA PNG website at <http://www.casapng.gov.pg>.

You may complete the form online and email directly to the CASA PNG Manager Airworthiness directly at smanickam@casapng.gov.pg by clicking on the "SUBMIT" hyperlink at the top right hand corner corner of this form.

(Note:- As this form is derived from the FAA 8120-11 SUPs report form, you also have the option of automatically emailing a copy to the FAA SUPs program manager directly for their information.)

