



DOCUMENT FORM BORESCOPE INSPECTION FORM

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Engine Borescope Inspection

Job No: **WO/085-SNM/I/2022**

<u>Engine Serial Number</u> PCE-PC2316	<u>Date</u> 05 FEBRUARI 2021	<u>Base / Location</u> NABIRE	<u>Aircraft Registration</u> PK-SNM
<u>Aircraft Total Time</u> 3145:31 Hours	<u>Aircraft Total Cycle</u> 4474 Cycle	<u>Reason For Borescope</u> 1600 HOURS INSPECTION	

Note:

Record any discrepancies found during inspection, and/or take photographic evidence.

If None, then write No Findings. If you find defects, please quote EMM (Engine Maintenance Manual) Reference and Limitations.

Item	Work Description	SIGN	STAMP
1	Remove fuel manifold adapter as necessary (Ref. 73-10-05).		
2	Perform inspection of the First Stage Compressor. Defects: EROSION AND SMALL BENT AT LEADING EDGE ROTOR <u>If defects found, quote MM Limitation and References :</u> PT6A-114A EMM 72-30-05 Para. 5.C & 5.D (Acceptable Conditions, Repair Unnecessary)		

Photo of First Stage Compressor 1st Quadrant



Photo of First Stage Compressor 2nd Quadrant





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Photo of First Stage Compressor 3rd Quadrant



Photo of First Stage Compressor 4th Quadrant



3

Perform inspection of Combustion Chamber Liner Assembly.

Defects:

Localized burning and carbon build up of the cooling ring

If defects found, quote MM Limitation and References :

PT6A-114A EMM 72-40-01 Para. 6.B (Acceptable Conditions, Repair Unnecessary)

SIGN

STAMP



Photo of Combustion Chamber 1st Quadrant



Photo of Combustion Chamber 2nd Quadrant





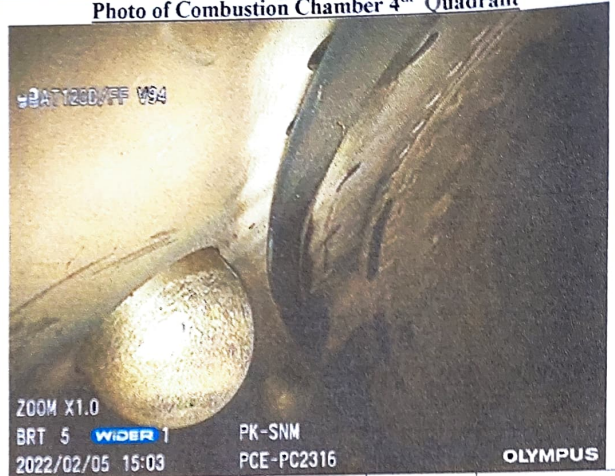
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Photo of Combustion Chamber 3rd Quadrant



Photo of Combustion Chamber 4th Quadrant



4

Perform Inspection of CT-Stator assembly.
Defects:

RESULT COATING LOSS

If defects found, quote MM Limitation and References :

**PT6A-114A EMM 72-50-01 Para. 6. Table 201 (Acceptable Conditions,
Repair Unnecessary)**

SIGN

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Photo of CT Stator 1st Quadrant



Photo of CT Stator 2nd Quadrant





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Photo of CT Stator 3rd Quadrant



Photo of CT Stator 4th Quadrant



5

Perform inspection of CT-Blades and shroud segments.

Defects:

RESULT FOUND NO DEFECT

If defects found, quote MM Limitation and References :

SIGN

STAMP



Photo of Leading Edge CT-Blades 1st Quadrant



Photo of Leading Edge CT-Blades 2nd Q



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Photo of Leading Edge CT-Blades 3rd Quadrant



Photo of Leading Edge CT-Blades 4th Quadrant



6

Perform inspection CT-Blades Trailing Edge

Defects:

RESULT SMALL TIP RUBBING ON SHROUD SEGMENTS

If defects found, quote MM Limitation and References :

PT6A-114A EMM 72-50-02 Figure 204 (Acceptable Conditions, Repair Unnecessary)

SIGN

STAMP




Photo of CT-Blades Trailing Edge 1st



Photo of CT-Blades Trailing Edge 2nd Q





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Photo of CT-Blades Trailing Edge 3rd Q

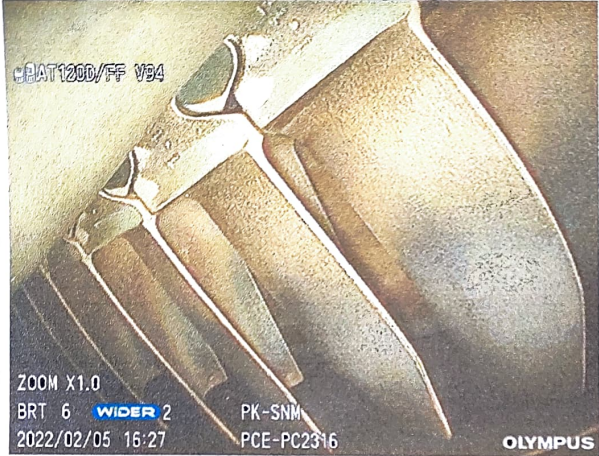
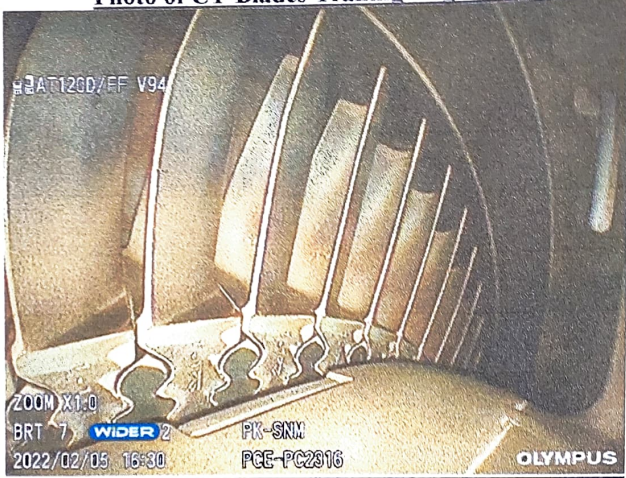


Photo of CT-Blades Trailing Edge 4th Q



7

Perform inspection of PT-Blades
Defects:

RESULT FOUND NO DEFECT

If defects found, quote MM Limitation and References :

SIGN

STAMP



Photo of PT-Blades 1st Q



Photo of PT-Blades 2nd Q





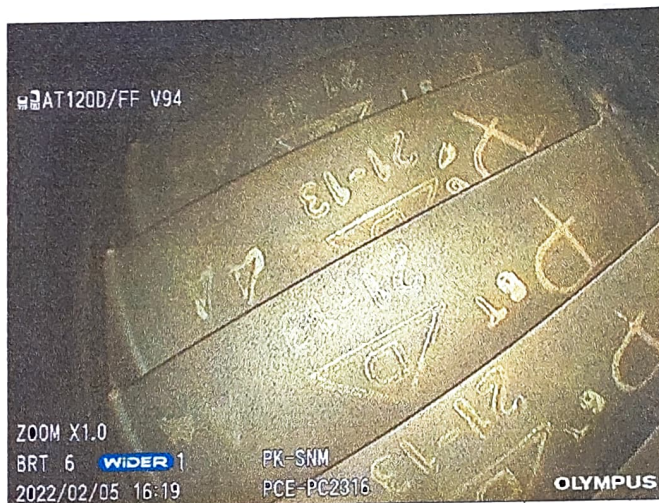
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Photo of PT-Blades 3rd Q



Photo of PT-Blades 4th Q



		SIGN	STAMP
8	Install fuel manifold adapter(s) (Ref. 73-10-05).		
9	Perform fuel leak check post fuel nozzle installation		

BORESCOPE PERFORMED BY

Name:

Denise Pereira

Signature:

[Signature]

Stamp :

