



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

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Engine Borescope Inspection

Job No: **WO/076-SNK/IV/2022**

<u>Engine Serial Number</u>	<u>Date</u>	<u>Base / Location</u>	<u>Aircraft Registration</u>
PCE-PC2327	30 APRIL 2022	NABIRE	PK-SNK
<u>Aircraft Total Time</u>	<u>Aircraft Total Cycle</u>	<u>Reason For Borescope</u>	
3568:07 Hours	5171 Cycle	400 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.

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

Photo of First Stage Compressor 1st Quadrant

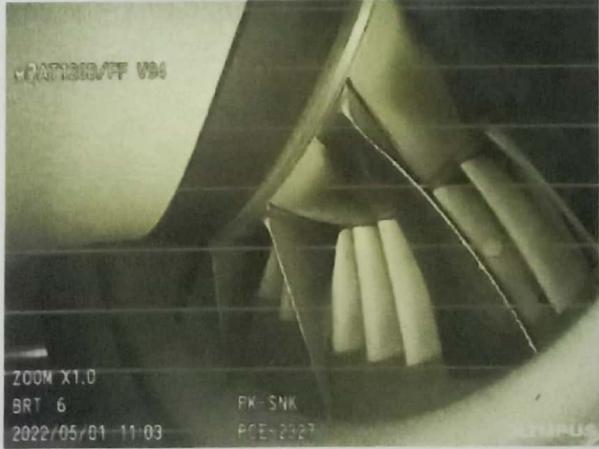
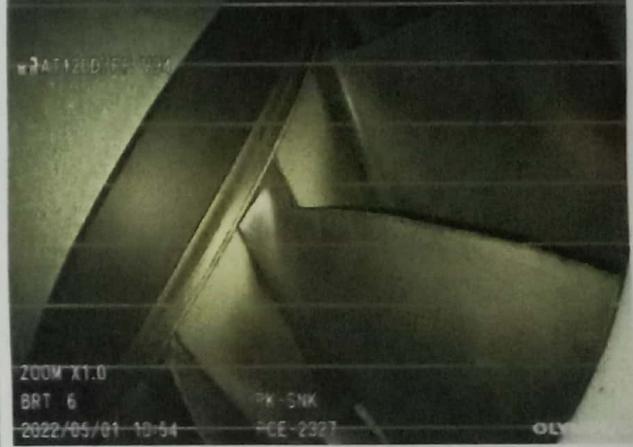


Photo of First Stage Compressor 2nd Quadrant





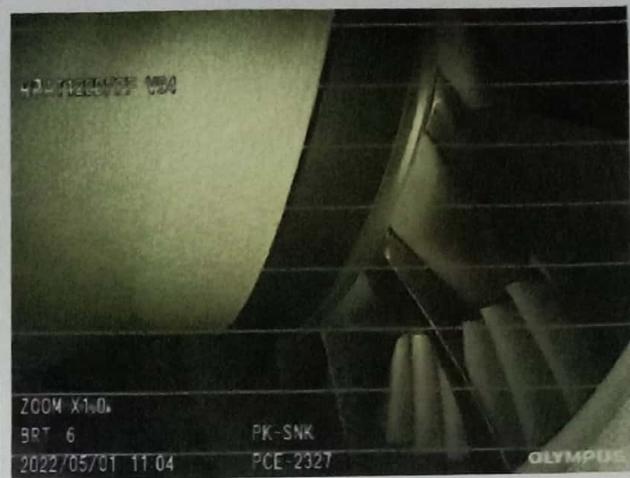
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Photo of First Stage Compressor 3rd Quadrant



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

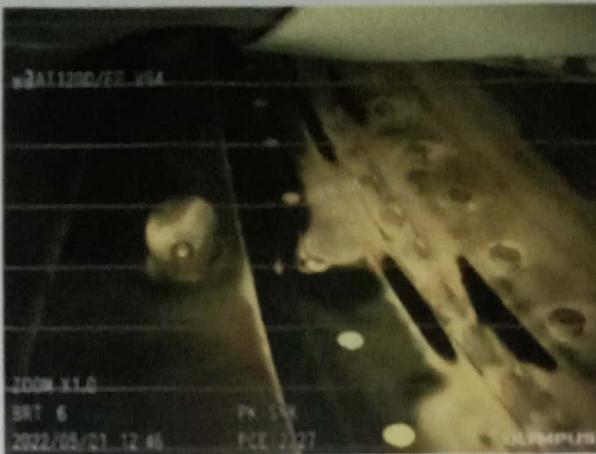


Photo of Combustion Chamber 4th Quadrant



4 Perform Inspection of CT-Stator assembly.
Defects:

RESULT FOUND NO DEFECT

If defects found, quote MM Limitation and References:

SIGN STAMP

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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

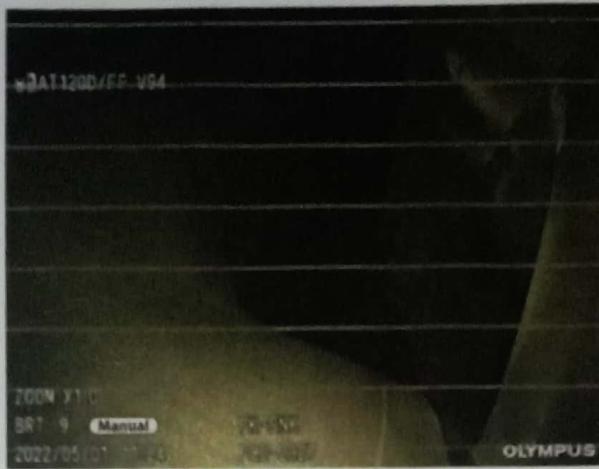
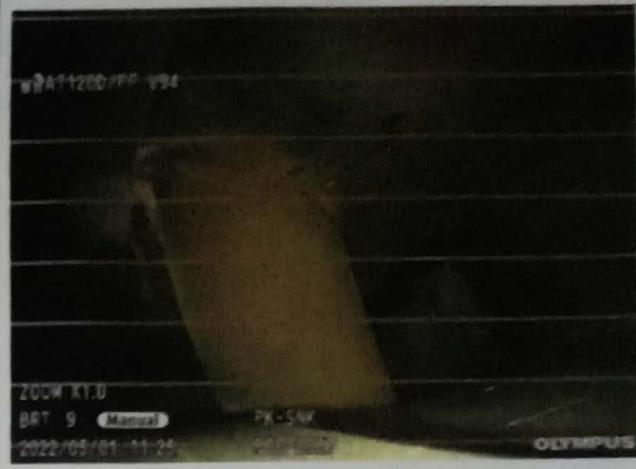


Photo of CT Stator 4th Quadrant



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



Perform inspection CT-Blades Trailing Edge
Defects:

6 **FOUND SCRATCH ON SHROUD SEGMENT**

If defects found, quote MM Limitation and References:
PT6A-114A EMM, 72-50-02, Para.6A (Acceptable Damage Limit)

SIGN **STAMP**



Photo of CT-Blades Trailing Edge1st



Photo of CT-Blades Trailing Edge2nd 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

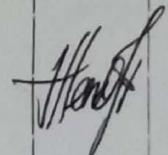



Photo of PT-Blades 1st Q



Photo of PT-Blades 2nd Q





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Photo of PT-Blades 3rd O



Photo of PT-Blades 4th O



		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: **HENDRO TRIYONO**

Signature:

Stamp: