



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 1

Engine Borescope Inspection

Job No: **WO/064-SNK/XI/2021**

<u>Engine Serial Number</u>	<u>Date</u>	<u>Base / Location</u>	<u>Aircraft Registration</u>
PCE-PC2327	15 NOVEMBER 2021	NABIRE	PK-SNK
<u>Aircraft Total Time</u>	<u>Aircraft Total Cycle</u>	<u>Reason For Borescope</u>	
3166:18 Hours	4453 Cycle	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 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





**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 2

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:

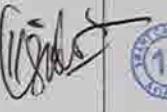
PT6A-114A EMM 72-40-01 Para. 6.B (Acceptable Conditions, Repair Unnecessary)

Photo of Combustion Chamber 1st Quadrant



Photo of Combustion Chamber 2nd Quadrant



SIGN  STAMP 



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 3

<p>Photo of Combustion Chamber 3rd Quadrant</p>  <p>#3AT120D/FF V94</p> <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 09:49</p> <p>PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>		<p>Photo of Combustion Chamber 4th Quadrant</p>  <p>#3AT120D/FF V94</p> <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 09:42</p> <p>PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>	
4	<p>Perform Inspection of CT-Stator assembly. <u>Defects:</u> RESULT FOUND NO DEFECT <u>If defects found, quote MM Limitation and References:</u></p>	SIGN	STAMP
			
<p>Photo of CT Stator 1st Quadrant</p>  <p>#3AT120D/FF V94</p> <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 10:03</p> <p>PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>		<p>Photo of CT Stator 2nd Quadrant</p>  <p>#3AT120D/FF V94</p> <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 10:07</p> <p>PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>	



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 4

<p>Photo of CT Stator 3rd Quadrant</p>  <p>#3AT120D/FF V94</p> <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 09:59</p> <p>PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>		<p>Photo of CT Stator 4th Quadrant</p>  <p>#3AT120D/FF V94</p> <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 09:57</p> <p>PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>	
5	<p>Perform inspection of CT-Blades and shroud segments. <u>Defects:</u> RESULT FOUND NO DEFECT</p> <p>If defects found, quote MM Limitation and References:</p>		<p>SIGN</p>  <p>19</p> <p>smartaviation</p>
<p>Photo of Leading Edge CT-Blades 1st Quadrant</p>  <p>#3AT120D/FF V94</p> <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 10:05</p> <p>PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>		<p>Photo of Leading Edge CT-Blades 2nd Q</p>  <p>#3AT120D/FF V94</p> <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 10:07</p> <p>PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>	



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 5

<p>Photo of Leading Edge CT-Blades 3rd Quadrant</p>  <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 10:03 PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>		<p>Photo of Leading Edge CT-Blades 4th Quadrant</p>  <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 10:07 PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>	
6	<p>Perform inspection CT-Blades Trailing Edge Defects: RESULT SATISFACTORY FOUND NO DEFECT</p> <p>If defects found, quote MM Limitation and References:</p>	SIGN	STAMP
<p>Photo of CT-Blades Trailing Edge 1st</p>  <p>ZOOM X1.0 BRT 6 2021/11/15 10:26 PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>		<p>Photo of CT-Blades Trailing Edge 2nd Q</p>  <p>ZOOM X1.0 BRT 6 WIDER 2 2021/11/15 10:34 PK-SNK PCE-PC2327</p> <p>OLYMPUS</p>	



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BORESCOPE INSPECTION
FORM**

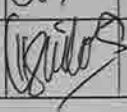
Page | 6

Photo of CT-Blades Trailing Edge3rd Q		Photo of CT-Blades Trailing Edge4th Q	
			
<p>W3AT120D/FF V94</p> <p>ZOOM X1.0</p> <p>BRT 6</p> <p>2021/11/15 10:25</p> <p>PK-SNK</p> <p>PCE-PC2327</p> <p>OLYMPUS</p>		<p>W3AT120D/FF V94</p> <p>ZOOM X1.0</p> <p>BRT 6</p> <p>2021/11/15 10:34</p> <p>WIDER 2</p> <p>PK-SNK</p> <p>PCE-PC2327</p> <p>OLYMPUS</p>	
7	<p>Perform inspection of PT-Blades Defects:</p> <p>RESULT FOUND NO DEFECT</p> <p>If defects found, quote MM Limitation and References:</p>	SIGN	STAMP
Photo of PT-Blades 1st Q		Photo of PT-Blades 2nd Q	
			
<p>W3AT120D/FF V94</p> <p>ZOOM X1.0</p> <p>BRT 6</p> <p>WIDER 2</p> <p>2021/11/15 10:34</p> <p>PK-SNK</p> <p>PCE-PC2327</p> <p>OLYMPUS</p>		<p>W3AT120D/FF V94</p> <p>ZOOM X1.0</p> <p>BRT 6</p> <p>WIDER 2</p> <p>2021/11/15 10:13</p> <p>PK-SNK</p> <p>PCE-PC2327</p> <p>OLYMPUS</p>	



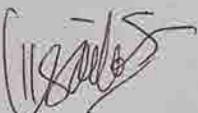
**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 7

Photo of PT-Blades 3rd Q		Photo of PT-Blades 4th Q	
8	Install fuel manifold adapter(s) (Ref. 73-10-05).		SIGN  STAMP 
9	Perform fuel leak check post fuel nozzle installation		SIGN  STAMP 

BORESCOPE PERFORMED BY

Name: AGUS SULAEMAN

Signature: 

Stamp: 