



**DOCUMENT FORM  
BORESCOPE INSPECTION  
FORM**

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**Engine Borescope Inspection**

**Job No: WO/044-SNH/VI/2023**

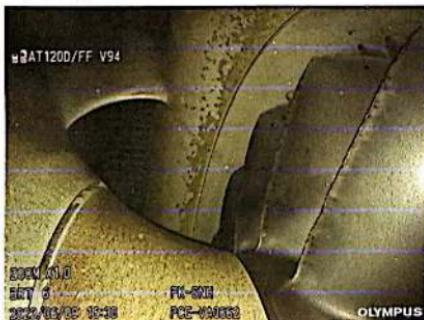
<u>Engine Serial Number</u>	<u>Date</u>	<u>Base / Location</u>	<u>Aircraft Registration</u>
PCE-VA0662	09 JUNE 2023	NABIRE	PK-SNH
<u>Aircraft Total Time</u>	<u>Aircraft Total Cycle</u>	<u>Reason For Borescope</u>	
3599:42 Hours	5372 Cycle	<b>400 HOURS INSPECTION</b>	

**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. 73-10-04).	(LJ)	27
2	Perform inspection of the First Stage Compressor. Defects: <b>RESULT FOUND NO DEFECT</b>  <u>If defects found, quote MM Limitation and References:</u>	(LJ)	27

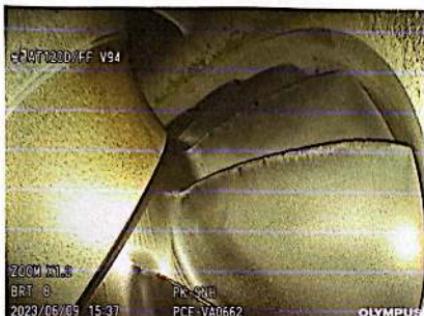
**Photo of First Stage Compressor 1<sup>st</sup> Quadrant**



**Photo of First Stage Compressor 2<sup>nd</sup> Quadrant**



**Photo of First Stage Compressor 3<sup>rd</sup> Quadrant**



**Photo of First Stage Compressor 4<sup>th</sup> 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:

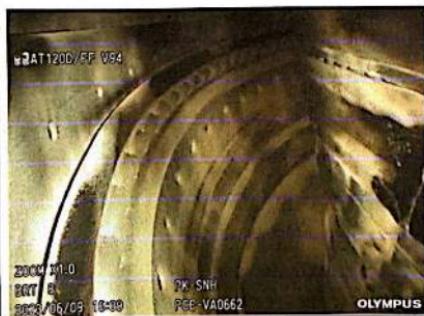
PT6A-140 EMM 72-00-00-280-804 (Acceptable Conditions)

**SIGN**





**Photo of Combustion Chamber 1<sup>st</sup> Quadrant**



**Photo of Combustion Chamber 2<sup>nd</sup> Quadrant**

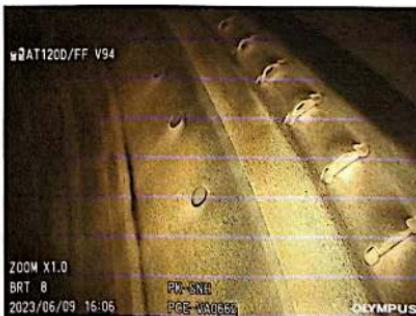


Photo of Combustion Chamber 3<sup>rd</sup> Quadrant



Photo of Combustion Chamber 4<sup>th</sup> Quadrant



4

Perform Inspection of CT-Stator assembly.  
Defects:

**RESULT FOUND COATING LOSS AND BURNING OF PARENT MATERIAL ON SMALL EXIT DUCT-SERVICEABLE CRITERIA – CONTINUE IN SERVICE**

If defects found, quote MM Limitation and References:  
PT6A-140 EMM 72-00-00-280-804 TABLE 602 AREA 2&  
TASK 72-40-01-210-804 FIGURE 207 SHEET 2 OF 2

SIGN

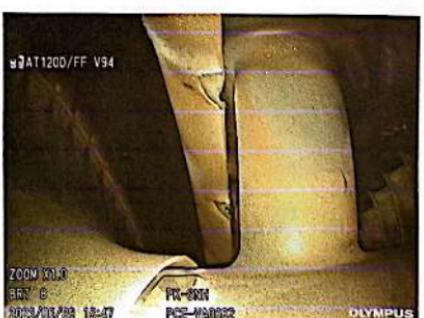
STAMP

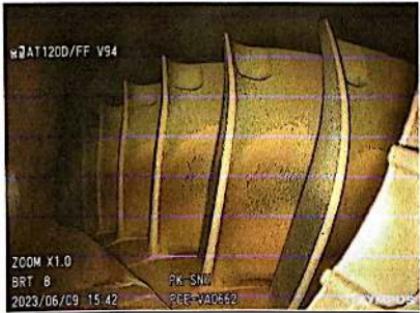
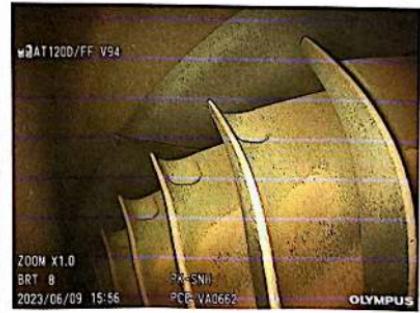



Photo of CT Stator 1<sup>st</sup> Quadrant



Photo of CT Stator 2<sup>nd</sup> Quadrant

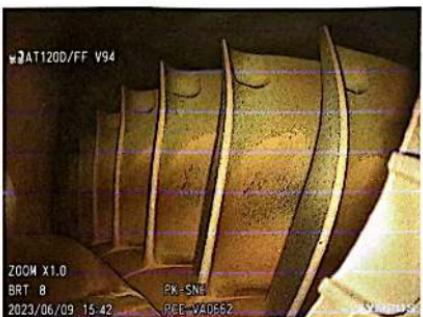


<p><u>Photo of CT Stator 3<sup>rd</sup> Quadrant</u></p>  <p>ZOOM X1.0 BRT 7 2023/06/09 16:21</p> <p>PK-SNH PCE-VA0652</p> <p>OLYMPUS</p>		<p><u>Photo of CT Stator 4<sup>th</sup> Quadrant</u></p>  <p>ZOOM X1.0 BRT 7 2023/06/09 16:23</p> <p>PK-SNH PCE-VA0652</p> <p>OLYMPUS</p>	
<p><b>5</b> Perform inspection of CT-Blades and shroud segments.  <u>Defects:</u>  <b>RESULT FOUND NO DEFECT</b></p> <p>If defects found, quote MM Limitation and References:</p>	<p><b>SIGN</b></p>  <p><b>STAMP</b></p> 		
<p><u>Photo of Leading Edge CT-Blades 1<sup>st</sup> Quadrant</u></p>  <p>ZOOM X1.0 BRT 8 2023/06/09 15:42</p> <p>PK-SNH PCE-VA0652</p> <p>OLYMPUS</p>		<p><u>Photo of Leading Edge CT-Blades 2<sup>nd</sup> Q</u></p>  <p>ZOOM X1.0 BRT 8 2023/06/09 15:56</p> <p>PK-SNH PCE-VA0652</p> <p>OLYMPUS</p>	

**Photo of Leading Edge CT-Blades 3<sup>rd</sup> Quadrant**



**Photo of Leading Edge CT-Blades 4<sup>th</sup> Quadrant**



6

Perform inspection CT-Blades Trailing Edge  
Defects:

**RESULT FOUND SMALL RUBBING ON CT SHROUD SEGMENTS -  
SERVICEABLE CRITERIA - CONTINUE IN SERVICE**

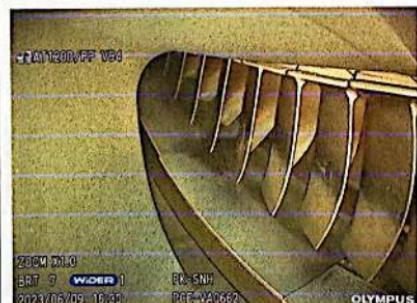
If defects found, quote MM Limitation and References:  
PT6A-140 EMM 72-00-00-280-808 TABLE 605

**SIGN** **STAMP**

*Ex*



**Photo of CT-Blades Trailing Edge1<sup>st</sup>**



**Photo of CT-Blades Trailing Edge2<sup>nd</sup> Q**

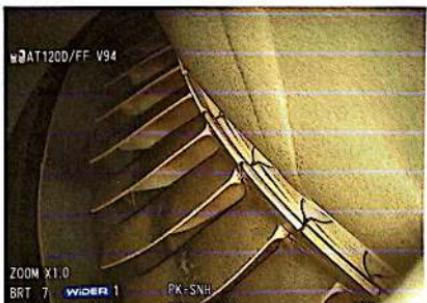


Photo of CT-Blades Trailing Edge 3<sup>rd</sup> Q



Photo of CT-Blades Trailing Edge 4<sup>th</sup> 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 1<sup>st</sup> Q

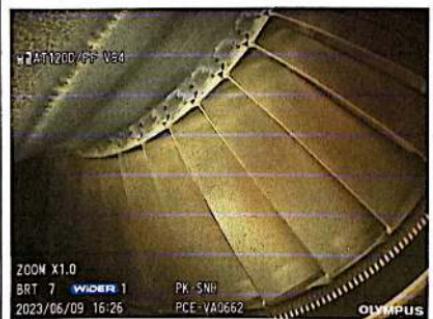


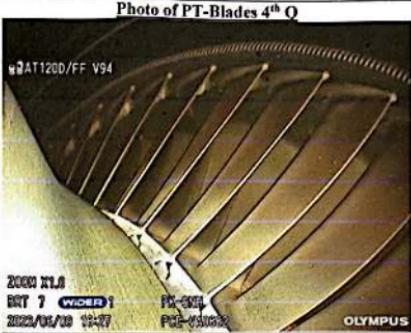
Photo of PT-Blades 2<sup>nd</sup> Q





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		SIGN	STAMP
8	Install fuel manifold adapter(s) (Ref. 73-10-04).		
9	Perform fuel leak check post fuel nozzle installation		

BORESCOPE PERFORMED BY

Name: WAHYONO

Signature :

Stamp :