

### Aircraft / Engine Details

Date:	27 October 2023
Work Order No.	PPM-1907
Aircraft Rego:	RP-C1087
Aircraft TSN:	4001.7
Aircraft CSN:	6734
Engine S/N:	PCE VA0103
Engine Model:	PT6A-140
Engine Position:	
Engine TSN:	4001.7
Engine CSN:	6734
Engine TSO:	NEW
Engine CSO:	NEW
Reason For BSI:	Customer Request
Reference Data:	N/A

### Engine History

Engine Performance	Acceptable		Under review		
If under review, Provide details:  (Note: Review ECTM history And previous power Assurance figures)	N/A				

### Previous BSI results

Previous BSI Results:	Reviewed and Acceptable		Areas of Concern:		
If areas of concern Were identified at previous inspection, provide details:  (Note: Review previous borescope inspection history for any allowable damage or areas of concern)	N/A				

**Borescope Inspection Images**

**1<sup>st</sup> Stage Compressor Blades (only as required of work scope)**

**Indicative  
Condition**

(Insert photos here)

Please see attached  
photos



**Areas of Concern:**

(insert photos here, Note  
nozzle hole used to  
identify damage. If no  
damage noted, write "No  
appreciable damage  
beyond EMM limitations  
IAW....".)

Combustion Chamber Liner

<p><b>Indicative Condition</b></p> <p>(Insert photos here)</p>	<p>Not included on job scope</p>
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<p><b>Areas of Concern:</b></p> <p>(insert photos here, Note nozzle hole used to identify damage. If no damage noted, write "No appreciable damage beyond EMM limitations IAW....".)</p>	<p>N/A</p>
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Small Exit Duct

**Indicative  
Condition**

(Insert photos here)

Not included on job scope.

**Areas of Concern:**

(insert photos here, Note nozzle hole used to identify damage. If no damage noted, write "No appreciable damage beyond EMM limitations IAW....".)

N/A

Compressor Turbine Vane Ring

<p><b>Indicative Condition</b></p> <p>(Insert photos here)</p>	<p>ATTACHED PHOTOS BELOW.</p>
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<p><b>Areas of Concern:</b></p> <p>(insert photos here, Note nozzle hole used to identify damage. If no damage noted, write "No appreciable damage beyond EMM limitations IAW....".)</p>	<p>N/A</p>
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Compressor Turbine Shroud Segment

**Indicative Condition**

(Insert photos here)

Please see attached photos.



N/A

**Areas of Concern:**

(insert photos here, Note nozzle hole used to identify damage. If no damage noted, write "No appreciable damage beyond EMM limitations IAW....".)

Combustion Turbine Blades

**Indicative Condition**

(Insert photos here)

Please see attached photos.

Combustion turbine blade root



N/A

**Areas of Concern:**

(insert photos here, Note nozzle hole used to identify damage. If no damage noted, write "No appreciable damage beyond EMM limitations IAW....".)

**BSI Summary**

Summary of BSI:

**Allowable Damage Found**

Allowable Damage Found	No	Yes
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If yes, provide details and subsequent inspection/actions required:

N/A

**Next Borescope Due**

Next Borescope Due	At Regular Schedule	At Reduced Interval
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If a repeat BSI is required at a reduced interval, detail specifics and when next due:

N/A

**Certification**

BSI Performed By:	
Approval No:	
Date:	27 October 2023
Signature:	 JUNE M SUMANG

**BORESCOPE CONTINUED,  
COMPRESSOR TURBINE BLADES INDIVIDUAL PHOTO**













# COMPRESSOR TURBINE BLADES ROOT PHOTOS



# COMPRESSOR VANE RING PHOTOS

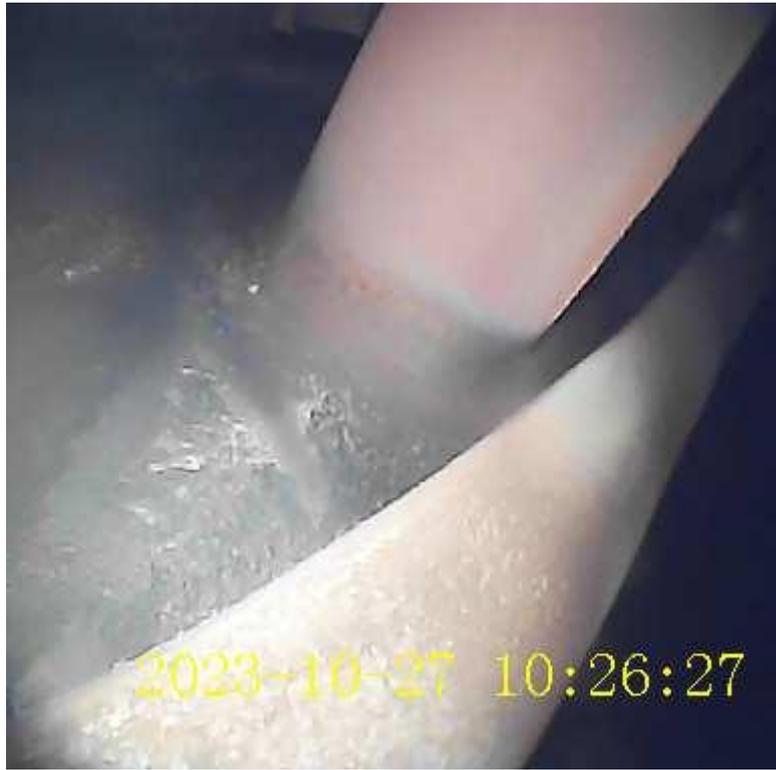




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# 1<sup>st</sup> STAGE COMPRESSOR BLADES CONTINOUED PHOTOS



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2023-10-27 10:58:13









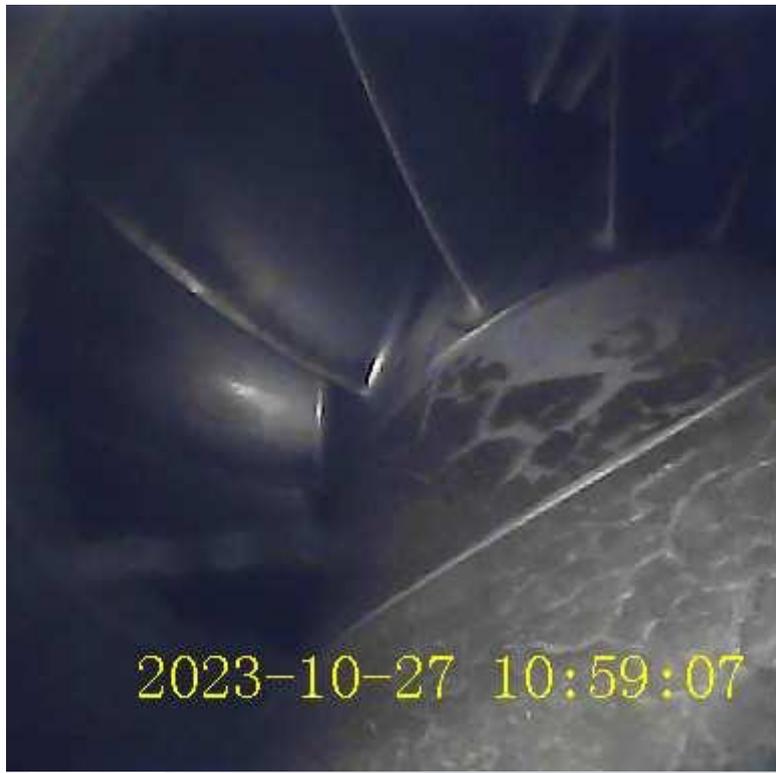




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2023-10-27 10:59:07



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