



## APPENDIX - BORESCOPE HOT SECTION INSPECTION FORM

MAINTENANCE  
PROGRAM

PILATUS PORTER  
PC6

### Engine Borescope Hot Section Inspection

Work No: \_\_\_\_\_

<u>Engine Serial Number</u>	<u>Date</u>	<u>Base / Location</u>	<u>Aircraft Registration</u>
<u>Aircraft Total Time</u>	<u>Aircraft Total Cycle</u>	<u>Reason For Borescope</u>	

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: .....  <u>If defects found, quote MM Limitation and References :</u>		

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



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3	<p>Perform inspection of Combustion Chamber Liner Assembly. <u>Defects:</u> ..... <u>If defects found, quote MM Limitation and References :</u></p>	SIGN	STAMP
<u>Photo of Combustion Chamber 1<sup>st</sup> Quadrant</u>		<u>Photo of Combustion Chamber 2<sup>nd</sup> Quadrant</u>	
<u>Photo of Combustion Chamber 3<sup>rd</sup> Quadrant</u>		<u>Photo of Combustion Chamber 4<sup>th</sup> Quadrant</u>	
4	<p>Perform Inspection of CT-Stator assembly. <u>Defects:</u> ..... <u>If defects found, quote MM Limitation and References :</u></p>	SIGN	STAMP



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

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

Photo of CT Stator 3<sup>rd</sup> Quadrant

Photo of CT Stator 4<sup>th</sup> Quadrant

5

Perform inspection of CT blades and shroud segments.

Defects:

.....

If defects found, quote MM Limitation and References :

SIGN

STAMP

Photo of Leading Edge CT-Blades 1<sup>st</sup> Quadrant

Photo of Leading Edge CT-Blades 2<sup>nd</sup> Q



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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 Trailing Edge CT-Blades <u>Defects:</u> ..... <u>If defects found, quote MM Limitation and References :</u>	SIGN	STAMP

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

Photo of Trailing Edge CT-Blades 2<sup>nd</sup> Q

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

Photo of Trailing Edge CT-B 4<sup>th</sup> Q



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7	Perform inspection of PT-Blades <u>Defects:</u> .....  <u>If defects found, quote MM Limitation and References :</u>	SIGN	STAMP
<u>Photo of PT-Blades 1<sup>st</sup> Q</u>		<u>Photo of PT-Blades 2<sup>nd</sup> Q</u>	
<u>Photo of PT-Blades 3<sup>rd</sup> Q</u>		<u>Photo of PT-Blades 4<sup>th</sup> Q</u>	
8	Install fuel manifold adapter(s) (Ref. 73-10-05).	SIGN	STAMP
9	Perform fuel leak check post fuel nozzle installation		



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### BORESCOPE PERFORMED BY

Name: \_\_\_\_\_

Signature : \_\_\_\_\_

Stamp : \_\_\_\_\_