

	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>		
<u>Photo of First Stage Compressor 1st Quadrant</u>		<u>Photo of First Stage Compressor 2nd Quadrant</u>	
<u>Photo of First Stage Compressor 3rd Quadrant</u>		<u>Photo of First Stage Compressor 4th Quadrant</u>	

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

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<u>Photo of CT Stator 1st Quadrant</u>		<u>Photo of CT Stator 2nd Quadrant</u>	
Photo of CT Stator 3 rd Quadrant		Photo of CT Stator 4 th Quadrant	
5	Perform inspection of CT blades and shroud segments. <u>Defects:</u> <u>If defects found, quote MM Limitation and References :</u>	SIGN	STAMP
Photo of Leading Edge CT-Blades 1 st Quadrant		Photo of Leading Edge CT-Blades 2 nd Q	

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<u>Photo of Leading Edge CT-Blades 3rd Quadrant</u>		<u>Photo of Leading Edge CT-Blades 4th Quadrant</u>	
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 st Q		Photo of Trailing Edge CT-Blades 2 nd Q	
<u>Photo of Trailing Edge CT-Blades 3rd Q</u>		<u>Photo of Trailing Edge CT-B 4th Q</u>	

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BORESCOPE PERFORMED BY

Name: _____

Signature : _____

Stamp : _____