



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 1

Engine Borescope Inspection

Job No: WO/021-SNW/X/2021

| <u>Engine Serial Number</u> | <u>Date</u> | <u>Base / Location</u> | <u>Aircraft Registration</u> |
|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| PCE-VA0651 | 30 OCTOBER 2021 | NABIRE | PK-SNW |
| <u>Aircraft Total Time</u> | <u>Aircraft Total Cycle</u> | <u>Reason For Borescope</u> | |
| 1198:01 Hours | 1798 Cycle | 400 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.

| <u>Item</u> | <u>Work Description</u> | <u>SIGN</u> | <u>STAMP</u> |
|-------------|--|-------------|--------------|
| 1 | Remove fuel manifold adapter as necessary (Ref. 73-10-04). | | |
| 2 | Perform inspection of the First Stage Compressor. Defects: RESULT FOUND NO DEFECT <u>If defects found, quote MM Limitation and References:</u> | | |

Photo of First Stage Compressor 1st Quadrant



ZOOM X1.0

BRT 6

PK-SNW

2021/10/30 13:57

PCE-VA0651

OLYMPUS

Photo of First Stage Compressor 2nd Quadrant



ZOOM X1.0

BRT 4

PK-SNW

2021/10/30 13:45

PCE-VA0651

OLYMPUS

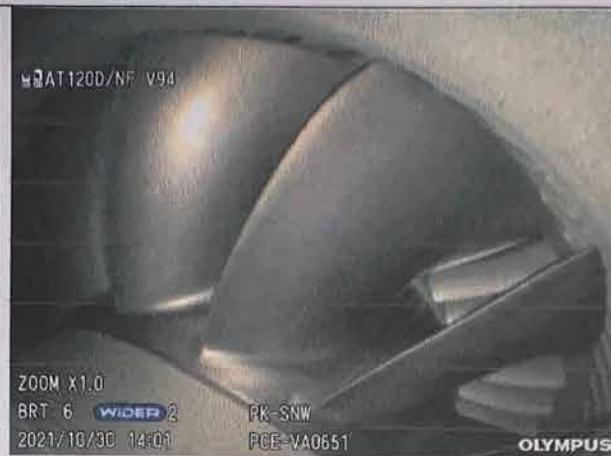
Photo of First Stage Compressor 3rd Quadrant

Photo of First Stage Compressor 4th Quadrant



DOCUMENT FORM BORESCOPE INSPECTION FORM

Page | 2



| 3 | Perform inspection of Combustion Chamber Liner Assembly. <u>Defects:</u> Localized burning and carbon build up of the cooling ring <u>If defects found, quote MM Limitation and References:</u> PT6A-140 EMM 72-00-00-280-804 (Acceptable Conditions) | SIGN | STAMP |
|---|---|------|-------|
| | | | |

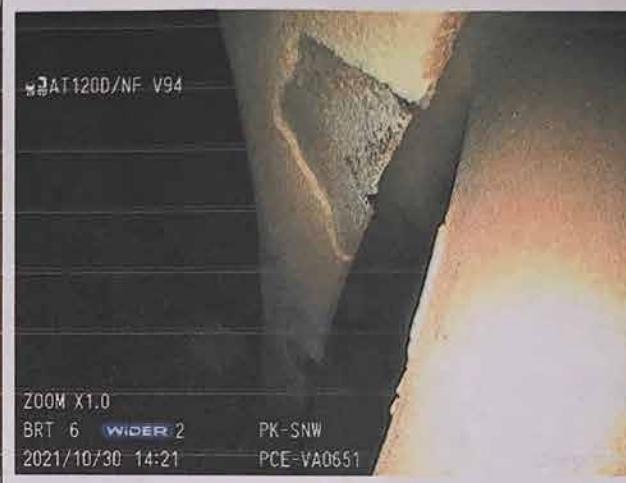


| Photo of Combustion Chamber 1 st Quadrant | Photo of Combustion Chamber 2 nd Quadrant | Photo of Combustion Chamber 3 rd Quadrant | Photo of Combustion Chamber 4 th Quadrant |
|--|--|--|--|
| | | | |



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 3

| | | | |
|---|---|---|-------|
| 4 | <p>Perform Inspection of CT-Stator assembly. <u>Defects:</u></p> <p>RESULT FOUND MATERIAL LOSS AND INITIAL COATING ON SMALL EXIT DUCT-SERVICEABLE CRITERIA – CONTINUE IN SERVICE</p> <p><u>If defects found, quote MM Limitation and References:</u> PT6A-140 EMM 72-00-00-280-804 TABLE 602 PN 3075742 ISSUE NO 13.1</p> | SIGN | STAMP |
| | <p><u>Photo of CT Stator 1st Quadrant</u></p>  <p>ZOOM X1.0 BRT 6 WIDER 2 2021/10/30 15:50 PK-SNW PCE-VA0651 OLYMPUS</p> | <p><u>Photo of CT Stator 2nd Quadrant</u></p>  <p>ZOOM X1.0 BRT 6 WIDER 2 2021/10/30 14:21 PK-SNW PCE-VA0651</p> | |
| | <p><u>Photo of CT Stator 3rd Quadrant</u></p>  <p>ZOOM X1.0 BRT 6 WIDER 2 2021/10/30 14:15 PK-SNW PCE-VA0651 OLYMPUS</p> | <p><u>Photo of CT Stator 4th Quadrant</u></p>  <p>ZOOM X1.0 BRT 6 WIDER 2 2021/10/30 15:50 PK-SNW PCE-VA0651 OLYMPUS</p> | |
| | <p>Perform inspection of CT-Blades and shroud segments.</p> | SIGN | STAMP |



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 4

| | | | |
|---|--|---|--|
| 5 | <p><u>Defects:</u></p> <p>RESULT FOUND NO DEFECT</p> <p><u>If defects found, quote MM Limitation and References:</u></p> | | |
| <p>Photo of Leading Edge CT-Blades 1st Quadrant</p> <p>SHAT120D/NF V94</p> <p>ZOOM X1.0</p> <p>BRT 6 WIDER 2</p> <p>2021/10/30 14:23</p> <p>PK-SNW</p> <p>PCE-VA0651</p> <p>OLYMPUS</p> | | <p>Photo of Leading Edge CT-Blades 2nd Q</p> <p>SHAT120D/NF V94</p> <p>ZOOM X1.0</p> <p>BRT 6 WIDER 2</p> <p>2021/10/30 14:23</p> <p>PK-SNW</p> <p>PCE-VA0651</p> <p>OLYMPUS</p> | |
| <p>Photo of Leading Edge CT-Blades 3rd Quadrant</p> <p>SHAT120D/NF V94</p> <p>ZOOM X1.0</p> <p>BRT 6 WIDER 2</p> <p>2021/10/30 15:49</p> <p>PK-SNW</p> <p>PCE-VA0651</p> <p>OLYMPUS</p> | | <p>Photo of Leading Edge CT-Blades 4th Quadrant</p> <p>SHAT120D/NF V94</p> <p>ZOOM X1.0</p> <p>BRT 6 WIDER 2</p> <p>2021/10/30 15:53</p> <p>PK-SNW</p> <p>PCE-VA0651</p> <p>OLYMPUS</p> | |
| 6 | <p>Perform inspection CT-Blades Trailing Edge</p> <p><u>Defects:</u></p> <p>RESULT SATISFACTORY FOUND NO DEFECT</p> <p><u>If defects found, quote MM Limitation and References:</u></p> | | |



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 5

| <u>Photo of CT-Blades Trailing Edge1st</u> | | <u>Photo of CT-Blades Trailing Edge2nd Q</u> | |
|---|---|---|-------|
| | | | |
| <p>ZOOM X1.0 BRT 6 WIDER 2 2021/10/30 15:28</p> <p>PK-SNW PCE-VA0651</p> <p>OLYMPUS</p> | | <p>ZOOM X1.0 BRT 6 WIDER 2 2021/10/30 15:27</p> <p>PK-SNW PCE-VA0651</p> <p>OLYMPUS</p> | |
| <u>Photo of CT-Blades Trailing Edge3rd Q</u> | | <u>Photo of CT-Blades Trailing Edge4th Q</u> | |
| | | | |
| <p>ZOOM X1.0 BRT 6 WIDER 2 2021/10/30 15:27</p> <p>PK-SNW PCE-VA0651</p> <p>OLYMPUS</p> | | <p>ZOOM X1.0 BRT 6 WIDER 2 2021/10/30 15:28</p> <p>PK-SNW PCE-VA0651</p> <p>OLYMPUS</p> | |
| 7 | Perform inspection of PT-Blades <u>Defects:</u> <u>RESULT FOUND NO DEFECT</u> If defects found, quote MM Limitation and References: | SIGN | STAMP |
| | | | |
| <u>Photo of PT-Blades 1st Q</u> | | <u>Photo of PT-Blades 2nd Q</u> | |



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

Page | 6



| | | 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: AGUS SULAEMAN

Signature :

Stamp :

