



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 400Hours & Add.Task Insp.	No.	WO/051-SNG/VI/2023
	Date	21 Jun 2023
	A/C Reg.	PK-SNG C208B-5543
Reference : MP C208/208B ISSUED 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 400 Hours & Add. Task Inspection Due at 3600 FH. 2. Make an entry in Maintenance Log. 3. Return the Completed Work Order and Form to PPC. #If any finding, please close the routine card, and transferred to inspection card.		
Additional Work : 1. RH BRAKE INSULATOR WORN OUT. 2. LH BEARING FORK FOUND CORROSION 3. LH IGNITER OUT OF LIMIT, PIN WORN OUT		
Compliance Statement CARRIED OUT 400 HRS INSP & ADD. TASK.	Sign & Date Company Lic. No.: SCA 019  02 JULY 23 AGUS SULAEMAN (Engineer In Charge)	Signature  (Technical Manager)

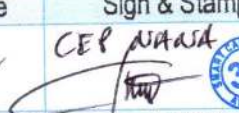
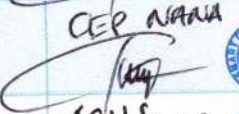
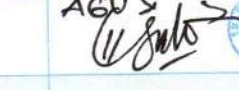
AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
21 Jun 2023	WO/051-SNG/VI/2023	Inspection 400 Hours &Add.Task	02 JULY 2023
A/C Type	Mfg. Serial Number	A/C Registration	
C208B	C208B-5543	PK-SNG	
AIRCRAFT DATA			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-VA0596	3607:42 / 6000
	#2	-	
Propeller/Rotor	#1	190140	3607:42 / 6000
	#2	-	
Landing Gear	NLG		3607:42 / 6000
	LH MLG		3607:42 / 6000
	RH MLG		3607:42 / 6000

PACKAGE COVERED

No	Subject	Qty	Remark
1	Non-Routine Card	2	#01, #02
2	Inspection Card	-	
3	Work Order	1	
4	Summary Inspection List	1	
5	Material and Tool List	-	
6	Escalation form	-	
7	CRS (SMI / Unscheduled Maintenance)	1	

INSPECTION CARD (IC) LIST (Finding during maintenance)

No	Taskcard Ref	Subject	Status		Name/ Sign & Stamp
			Open	Close	
<u>IC-001</u>	D121001	RH BRAKE INSULATOR FOUND WORN OUT.		✓	CEP NANA  
<u>IC-002</u>	A322001	LH BEARING FORK FOUND (CORROSION)		✓	CEP NANA  
<u>IC-003</u>	F7A2002	LH IGNITER OUT OF LIMIT. PIN IGNITER WORN.		✓	AGUS  
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					

<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support



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Hani

Checked by :
Chief Maintenance



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Dodit

Verified by :
Chief Inspector



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Yanuar

Approved by :
Technical Manager



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SUMMARY INSPECTION ITEMS (Form: SCA/MTC/050)

WO Ref: WO/051-SNG/VI/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX D08	PT6A-ENGINE GROUND RUN	02 JULY 2023		AGUS SULAEMAN	
2	APPENDIX C04	400 HRS/24 MTHS INSPECTION	02 JULY 2023		AGUS SULAEMAN	
3	APPENDIX C05	400 HRS/12 MTHS INSPECTION	02 JULY 2023		AGUS SULAEMAN	
4	APPENDIX C03	200 HRS/12 MTHS INSPECTION	02 JULY 2023		AGUS SULAEMAN	
5	APPENDIX D11	PT6A-140 400 HRS ENGINE	02 JULY 2023		AGUS SULAEMAN	
6	APPENDIX D10	PT6A-140 200 HRS/6 MTHS ENGINE	02 JULY 2023		AGUS SULAEMAN	
7	APPENDIX D09	PT6A-140 200 HRS ENGINE	02 JULY 2023		AGUS SULAEMAN	
8	APPENDIX D08	PT6A-140 100 HRS ENGINE	02 JULY 2023		AGUS SULAEMAN	
9	NRC-02	VACUUM FILTER REPLACEMENT	02 JULY 2023		AGUS SULAEMAN	
10	NRC-01	CENTRAL AIR FILTER REPLACEMENT	02 JULY 2023		AGUS SULAEMAN	
11	SCA/MTC/023	EMERGENCY EQUIPMENT LIST	02 JULY 2023		AGUS SULAEMAN	

A.



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B	TTSN : 3607:42
A/C REG : PK-SNG	TCSN : 6000
MSN : C208B-5543	DATE : 30 JUNE 23

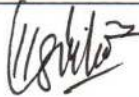
TYPE OF INSPECTION : INSPECTION 400 HOURS & ADD TASK
 DUE AT : 3600 HOURS
 REFF : MP C208B ISSUED 01

EXCEPTION

— NO EXCEPTION —

AUTHORIZED PERSON

I hereby certify that this aircraft has been maintained accordance with CASR and Maintenance Program.
 Aircraft safe and airworthy for flight

NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE
AGUS SULAEMAN	AIRFRAME & POWER PLANT	6444 / SCA 019	 	02 JULY 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100 HRS INSP
 DUE AT : 3700:00

Form: SCA/MTC/049

	INSPECTION CARD (Form: SCA/MTC/ 048)	TECHNICAL DEPARTMENT
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	WO/DST-SNG/VII/2023			31-JUNE-2023
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PE-SNGT / 5543	C 208B-EX			
9. ZONE	10. STA	11. MTC TYPE		
MAIN LANDING GEAR	NBX			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
RH BRAKE INSULATOR FOUND WORN OUT.		31/06-2023

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
REPLACED FOUR RH BRAKE INSULATOR WITH NEW. Performed at A/C TT : 5607:37 A/C TC /LDG : 6000		  15114	31/06-2023
20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment ☐ Internal Leakage ☐ Chemical Spill ☐ LAV/Galley Spill ☐ Blocked Drain ☐ Wet Insulation Blanket ☐ Other		
CORROSION ☐ Isolated ☐ Widespread CORROSION LVL ☐ 1 ☐ 2 ☐ 3 PROPOSED ACTION ☐ Doublers ☐ Others			
21. If the defect is RII, Please Sign this card finally by RII Inspector		INSP	DATE
NOTICE OF INSPECTOR			

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
INSULATOR	088-06100	4	NSN	NSN	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
TORQUE WRENCH	TA 0250	NOV-2023		SERVICEABLE		
GENERAL TOOLS	NPN	O/C		GOOD		



INSPECTION CARD (Form: SCA/MTC/048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
1C-002	100/051-SNG/11/2023		A322001	30-JUNE-2023
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNG/5843	C208B-EX	AIRFRAME		
9. ZONE	10. STA	11. MTC TYPE		
NOISE LANDING GEAR NBX		400 HROS		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
LH BEARING FORK FOUND CORROSION.		

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED LH BEARING FORK WITH NEW.			
Performed at A/C TT : 3602:37 A/C TC /LDG : 6000		15119	
20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment		
	☐ Internal Leakage		
	☐ Chemical Spill		
	☐ LAV/Galley Spill		
	☐ Blocked Drain		
	☐ Wet Insulation Blanket		
	☐ Other		
CORROSION ☐ Isolated ☐ Widespread			
CORROSION LVL ☐ 1 ☐ 2 ☐ 3			
PROPOSED ACTION ☐ Doublers ☐ Others			
21. If the defect is RII, Please Sign this card finally by RII Inspector		INSP	DATE
NOTICE OF INSPECTOR			

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
BEARING	MS24462-5	1	NSN	NSN	✓	
BOLT	NAS6205-14H	1	NSN	NSN	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
TORQUE WRENCH	TA 0250	ADV-2023	SERVICEABLE			
GENERAL TOOLS	NPN	O/C	GOOD			



INSPECTION CARD

(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-003	WO/051-SNG/V1/2023		F7A2002	01 JULY 2023
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNG	C208B-EX	AIRFRAME		
9. ZONE	10. STA	11. MTC TYPE		
ENGINE/130	FS 100.0	400 HRS		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
LH IGNITER OUT OF LIMIT, PIN WORN OUT.	AEUS <i>[Signature]</i>	01 JULY 2023

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
PERFORMED IGNITER REPLACEMENT IAW EMM CHP 7A. OPS CHECK GOOD. Performed at A/C TT : 3607:42 A/C TC/LDG : 6000		<i>[Signature]</i>	
20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment ☐ Internal Leakage ☐ Chemical Spill ☐ LAV/Galley Spill ☐ Blocked Drain ☐ Wet Insulation Blanket ☐ Other		
CORROSION ☐ Isolated ☐ Widespread			
CORROSION LVL ☐ 1 ☐ 2 ☐ 3			
PROPOSED ACTION ☐ Doublers ☐ Others			
21. If the defect is RII, Please Sign this card finally by RII Inspector			
NOTICE OF INSPECTOR		INSP	DATE

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
IGNITER		1	NSN	NSN	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
TORQUE WRENCH	KWD102971	SEPT 2023		OK.		

NON ROUTINE CARD (Form: SCA/MTC/047)

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/051-SNG/VI/2023	02 JULY 23	REPLACEMENT COMPONENT	PK-SNG
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#01	37	AIRFRAME	FS 118.00
9. ZONE	10. PANEL		
COCKPIT			

11. DESCRIPTION			
PERFORM VACUUM SYSTEM CENTRAL AIR FILTER REPLACEMENT P/N: D9-18-1 / C294502-0201			
REFERENCE	☒ AMM Ch. 37-10-00-960	☐ EMM Ch	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED VACUUM SYSTEM CENTRAL AIR FILTER REPLACEMENT. RESULT GOOD.			(Signature)	
Performed at A/C TT : 3607:42 A/C TC /LDG : 6000				
FINDING	☐ Y	☒ N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #		02	JULY	2023

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
FILTER ELEMENT	D9-18-1 / C294502-0201	1		✓

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
GENERAL TOOLS	-	OC	OK

NON ROUTINE CARD
(Form: SCA/MTC/047)

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/051-SNG/VI/2023	02 JULY 23	REPLACEMENT COMPONENT	PK-SNG
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#02	37	AIRFRAME	FS 118.00
9. ZONE	10. PANEL		
COCKPIT			

11. DESCRIPTION			
PERFORM VACUUM RELIEF VALVE FILTER REPLACEMENT P/N: B3-5-1 / C482001-0202			
REFERENCE	☒ AMM Ch. 37-10-00-961	☐ EMM Ch	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
PERFORMED VACUUM RELIEF VALVE FILTER REPLACEMENT. RESULT GOOD.				
Performed at A/C TT : 3607 A/C TC/LDG : 6000				
FINDING	☐ Y ☒ N	ACT MHR : DATE/TIME (DD/MM/YY)		
INSPECTION CARD (IC) #		02	JULY	2023

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
FILTER ELEMENT	B3-5-1 / C482001-0202	1		✓

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
GENERAL TOOLS	-	OC	OK

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark

: PK - SNG

WO/FML No. : WO/OSI - SNG/V1/2023

PRE – INSPECTION	
Location	NABIRE
Date	30-JUNE-2023
Cycle	1
Filed Barometric	1011 HPA
OAT	34 °C
Altitude	110 FT

POST – INSPECTION	
Location	NABIRE
Date	02 JULY 23
Cycle	1
Filed Barometric	1011 HPA
OAT	33 °C
Altitude	110 FT

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	828 °C
Ng	102.6 %	100.4 %
Wf	570	553
Oil Press		91 °C
Oil Temp		73 °C
Start Temp		748 °C

POST- INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	829 °C
Ng	102.7 %	100.0 %
Wf	578	546
Oil Press		91 °C
Oil Temp		73 °C
Start Temp		716 °C

Engine Run Up Checks							
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Randomn	☒		
NOTE: 1. Brake system at Torque 2000 ft-lbs. 2. Inertial Separator at Torque 400 ft-lbs. 3. EPL check can't exceed 4% Ng per second. 4. Standby Alt at 80% Ng. 5. Low idle at 55.5 - 57% 40Amps. 6. High idle at 64 - 66% Ng 40Amps							

Engine Performance Target Table (Cessna C208B EX)

OAT (°C)	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Tq (ft.lbs)	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397
Np	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
ITT (°C)	835	837	839	841	841	841	841	841	841	842	843	844	846	846	846
Ng (%)	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.5
WF (PPH)	578	578	578	578	578	578	578	570	565	565	560	560	555	548	548

Note:

- Make sure that inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
- This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
- Max fuel flow is 580 lb/hr fuel flow is not more than 15 lbs/hr higher than the value shown in table.
- If parameters are outside the target performance table to EMM chapter 71-00-00.

REMARKS:

ALL PARAMETERS WITHIN LIMIT.

PERFORMED BY

Name	Sign & Stamp	Date	Location
AGUS SULAEMAN		02 JULY 2023	NABIRE

Issued: 01

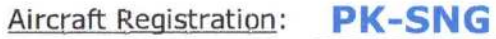
SCA/TEK/1-001

15 December 2022

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 02 JULY 2023	A/C REG : PK-SNG	
A/C TYPE : C208B	CHECKER : AGUS	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO1202-201	19092030036	JAN-2024	SERVICEABLE
2	Co-Pilot Life Vest	PO1202-201	19092030051	JAN-2024	SERVICEABLE
3	Pax Life Vest				
4	Pax Life Vest				
5	Pax Life Vest				
6	Pax Life Vest				
7	Pax Life Vest				
8	Pax Life Vest				
9	Pax Life Vest				
10	Pax Life Vest				
11	Pax Life Vest				
12	Pax Life Vest				
13	Firt Aid Kit	NPN	NSN	JUN-2024	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	OC	SERVICEABLE
15	Fire Extinguisher	C352	F60589302	SEPT 2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	NPN	NSN	OC	SERVICEABLE



Additional Work Sheet Inspection 400 Hours & Additional Task Parts Used Sheet

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Additional Work Sheet

Additional Task

Aircraft Registration: **PK-SNG**

WO# Nr: **WO/051-SNG/VI/2023**

[illegible]



DOCUMENT FORM BORESCOPE INSPECTION FORM

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Engine Borescope Inspection

Job No: **WO/051-SNG/VI/2023**

<u>Engine Serial Number</u>	<u>Date</u>	<u>Base / Location</u>	<u>Aircraft Registration</u>
PCE-VA0596	01 JUL 2023	NABIRE	PK-SNG
<u>Aircraft Total Time</u>	<u>Aircraft Total Cycle</u>	<u>Reason For Borescope</u>	
3607:42 Hours	6000 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.

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: RESULT SATISFACTORY FOUND NO DEFECT		

Photo of First Stage Compressor 1st Quadrant



Photo of First Stage Compressor 2nd Quadrant



Photo of First Stage Compressor 3rd Quadrant

Photo of First Stage Compressor 4th Quadrant


3

Perform inspection of Combustion Chamber Liner Assembly.

Defects:

RESULT SATISFACTORY FOUND NO DEFECT

SIGN

STAMP

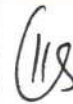


Photo of Combustion Chamber 1st Quadrant

Photo of Combustion Chamber 2nd Quadrant

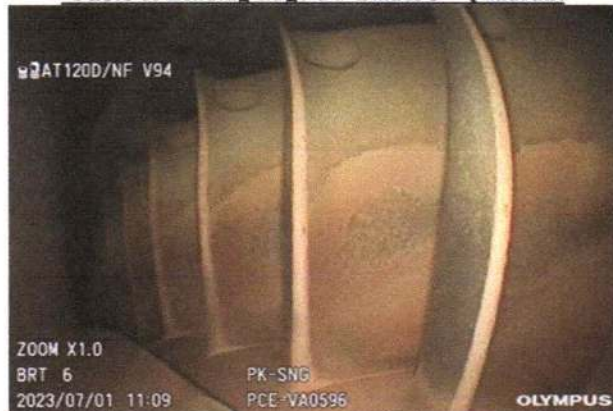
Photo of Combustion Chamber 3rd Quadrant

Photo of Combustion Chamber 4th Quadrant


4	Perform Inspection of CT-Stator assembly. <u>Defects:</u> RESULT SATISFACTORY FOUND NO DEFECT	SIGN	STAMP
			
Photo of CT Stator 1st Quadrant  AT120D/NF V94 ZOOM X1.0 BRT 6 2023/07/01 10:54 PK-SNG PCE-VA0596 OLYMPUS		Photo of CT Stator 2nd Quadrant  AT120D/NF V94 ZOOM X1.0 BRT 6 2023/07/01 10:57 PK-SNG PCE-VA0596 OLYMPUS	
Photo of CT Stator 3rd Quadrant  AT120D/NF V94 ZOOM X1.0 BRT 6 2023/07/01 10:58 PK-SNG PCE-VA0596 OLYMPUS		Photo of CT Stator 4th Quadrant  AT120D/NF V94 ZOOM X1.0 BRT 6 2023/07/01 10:59 PK-SNG PCE-VA0596 OLYMPUS	
5	Perform inspection of CT-Blades and shroud segments. <u>Defects:</u> RESULT SATISFACTORY FOUND NO DEFECT	SIGN	STAMP
			

Photo of Leading Edge CT-Blades 1st Quadrant

Photo of Leading Edge CT-Blades 2nd Q

Photo of Leading Edge CT-Blades 3rd Quadrant

Photo of Leading Edge CT-Blades 4th Quadrant

Perform inspection CT-Blades Trailing Edge
Defects:

6

RESULT SATISFACTORY FOUND NO DEFECT

SIGN

STAMP



Photo of CT-Blades Trailing Edge 1st

Photo of CT-Blades Trailing Edge 2nd Q


Photo of CT-Blades Trailing Edge 3rd Q

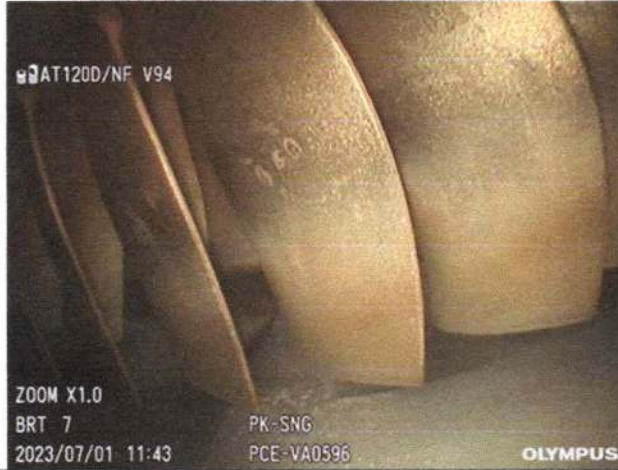
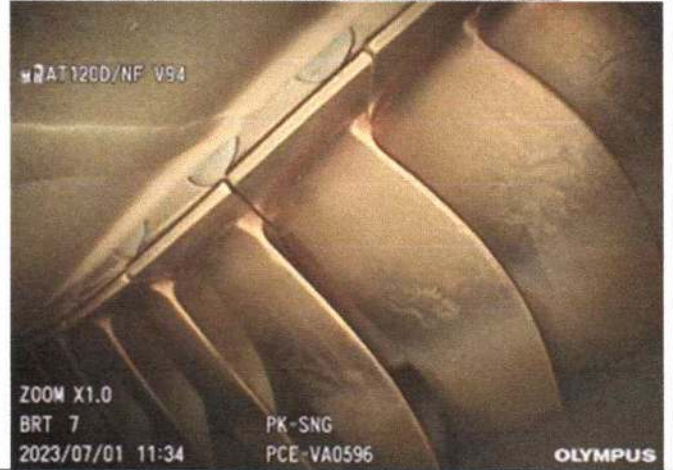


Photo of CT-Blades Trailing Edge 4th Q



7

Perform inspection of PT-Blades

Defects:

RESULT SATISFACTORY FOUND NO DEFECT

SIGN

STAMP




Photo of PT-Blades 1st Q



Photo of PT-Blades 2nd Q

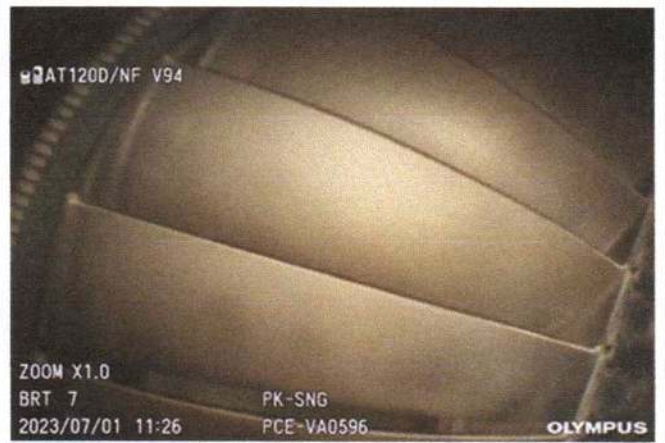


Photo of PT-Blades 3rd Q



Photo of PT-Blades 4th Q





**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

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		SIGN	STAMP
8	Install fuel manifold adapter(s) (Ref. 73-10-05).		
9	Perform fuel leak check post fuel nozzle installation		

BORESCOPE PERFORMED BY

Name: Agus Sulaeman

Signature:



Stamp:

