

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
29 Sept 2022	WO/046-SNG/IX/2022	Insp. Doc.08 & Add Task			
A/C Type					
C208B	Mfg. Serial Number		A/C Registration		
	C208B-5543	PK-SNG			
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0596			
	#2	-			
Propeller/Rotor	#1	190140			
	#2	-			
Landing Gear	NLG				
	LH MLG				
	RH MLG				
PACKAGE COVERED					
No	Subject	Qty	Remark		
1	Non-Routine Card	2	#001 #002		
2	Inspection Card	1			
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>					
<u>IC-002</u>					
<u>IC-003</u>					
<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


Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


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Dwi M.


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Dodit


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Yanuar


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Istiono



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

WO Ref: WO/046-SNG/IX/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE				
2	CHAPTER 12	INSPECTION DOCUMENT 06				
3	CHAPTER 13	INSPECTION DOCUMENT 07				
4	CHAPTER 14	INSPECTION DOCUMENT 08				
5	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION				
6	CHAPTER 52	ENGINE PT6A-140 200 HOUR INSPECTION				
7	CHAPTER 53	ENGINE PT6A-140 200 HOUR / 6 MONTHS INSPECTION				
8	CHAPTER 54	ENGINE PT6A-140 400 HOUR INSPECTION				
9	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK				
10	37-10-00- 960	VACUUM SYSTEM CENTRAL AIR FILTER REPLACEMENT (AAD9-18-1)				
11	37-10-00- 961	VACUUM RELIEF VALVE FILTER REPLACEMENT (B3-5-1)				



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA C208B

TTSN :

A/C REG : PK-SNG

TCSN :

MSN : C208B-5543

DATE :

TYPE OF INSPECTION : INSPECTION DOCUMENT 08 & ADD TASK

DUE AT : 2800 HOURS

REF : MP C208B REV. 12

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
	AIRFRAME & POWER PLANT			
	EIRA			

THE NEXT DUE TYPE OF INSPECTION :

DUE AT :

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
6. A/C REG/MSN PK-SNG/5543	7. A/C TYPE C208B EX	8. TRADE	12. VENDOR ORDER #	
9. ZONE	10. STA	11. MTC TYPE		

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

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Performed at A/C TT : A/C TC /LDG :			

20. CORROSION INFORMATION					
LOCATION	CAUSE OF DAMAGE				
	<input type="checkbox"/> Environment				
	<input type="checkbox"/> Internal Leakage				
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread	<input type="checkbox"/> Chemical Spill				
CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> LAV/Galley Spill				
PROPOSED ACTION <input type="checkbox"/> Doublers	<input type="checkbox"/> Blocked Drain				
<input type="checkbox"/> Others	<input type="checkbox"/> Wet Insulation Blanket				
	<input type="checkbox"/> Other				

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

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNG

WO/FML No. : WO/046-SNG/IX/2022

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

PRE – INSPECTION		
	Target	Actual
Tq		
Np		
ITT	°C	°C
Ng	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

POST – INSPECTION		
	Target	Actual
Tq		
Np		
ITT	°C	°C
Ng	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

Engine Run Up Checks					
Inertial <input type="checkbox"/>	EPL <input type="checkbox"/>	OVG <input type="checkbox"/>	Stby Alt <input type="checkbox"/>	BOV <input type="checkbox"/>	Brake <input type="checkbox"/> Randomn <input type="checkbox"/>
NOTE: 1. Brake system at Torque 2000 ft-lbs. 3. EPL check can't exceed 4% Ng per second. 5. Low idle at 55.5 - 57% 40Amps. 2. Inertial Separator at Torque 400 ft-lbs. 4. Standby Alt at 80% Ng. 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:

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

REMARKS:

PERFORMED BY

Name	Sign & Stamp	Date	Location



DOCUMENT FORM BORESCOPE INSPECTION FORM

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Engine Borescope Inspection

Job No: **WO/046-SNG/IX/2022**

Engine Serial Number

PCE-VA0596

Date

Base / Location

Aircraft Registration

PK-SNG

Aircraft Total Time

Aircraft Total Cycle

Reason For Borescope

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. 73-10-04).		
2	Perform inspection of the First Stage Compressor. <u>Defects:</u> <u>If defects found, quote MM Limitation and References :</u>		

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. <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



DOCUMENT FORM BORESCOPE INSPECTION FORM

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Photo of CT Stator 1st Quadrant

Photo of CT Stator 2nd Quadrant

Photo of CT Stator 3rd Quadrant

Photo of CT Stator 4th 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 1st Quadrant

Photo of Leading Edge CT-Blades 2nd



DOCUMENT FORM BORESCOPE INSPECTION FORM

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



DOCUMENT FORM BORESCOPE INSPECTION FORM

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7	Perform inspection of PT-Blades and PT-Vanes Ring <u>Defects:</u> <u>If defects found, quote MM Limitation and References :</u>	SIGN	STAMP
<u>Photo of PT-Blades/Vanes 1st Q</u>		<u>Photo of PT-Blades/Vanes 2nd Q</u>	
<u>Photo of PT-Blades/Vanes 3rd Q</u>		<u>Photo of PT-Blades/Vanes 4th Q</u>	
8	Install fuel manifold adapter(s) (Ref. 73-10-04).	SIGN	STAMP
9	Perform fuel leak check post fuel nozzle installation		

BORESCOPE PERFORMED BY

Name: _____

Signature _____



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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/046-SNG/IX/2022		REPLACEMENT	PK-SNG/208B-5543
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#001	37		
9. ZONE	10. PANEL		

11. DESCRIPTION			
PERFORM REPLACE VACUUM SYSTEM CENTRAL AIR FILTER DISCARD PN: AAD9-18-1			
REFERENCE	<input checked="" type="checkbox"/> AMM Ch. 37-10-00-960	<input type="checkbox"/> EMM Ch	<input type="checkbox"/> OTHER
RII (*)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	MHR :

12. RESULT		MECH	ENG	INSP (*)
Performed at A/C TT : A/C TC /LDG :				
FINDING	<input type="checkbox"/> Y	<input type="checkbox"/> N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #				

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS



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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/046-SNG/IX/2022		REPLACEMENT	PK-SNG/208B-5543
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#002	37		
9. ZONE	10. PANEL		

11. DESCRIPTION			
PERFORM REPLACE VACUUM RELIEF VALVE FILTER DISCARD PN: B3-5-1			
REFERENCE	<input checked="" type="checkbox"/> AMM Ch. 37-10-00-961	<input type="checkbox"/> EMM Ch	<input type="checkbox"/> OTHER
RII (*)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	MHR :

12. RESULT		MECH	ENG	INSP (*)
Performed at A/C TT : A/C TC /LDG :				
FINDING	<input type="checkbox"/> Y	<input type="checkbox"/> N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #				

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

**PT. SMART CAKRAWALA
AVIATION**
DEPARTMENT TEKNIK
Form: SCA/MTC/023

DATE :	A/C REG : PK-SNG
A/C TYPE : C208B EX	CHECKER : SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest				
2	Co-Pilot Life Vest				
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				
14	Crash Axe Installed				
15	Fire Extinguisher				
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



Additional Work Sheet

Inspection Doc. 08 & Add Task

Aircraft Registration: **PK-SNG**

WO# Nr: WO/046-SNG/IX/2022

Parts Used Sheet

Special Tool Used

[illegible]



Additional Work Sheet

Inspection Doc. 08 & Add Task

Aircraft Registration: **PK-SNG**

WO# Nr: WO/046 SNG/IX/2022

Parts Used Sheet

Part Used

[illegible]