



**PT. SMART CAKRAWALA AVIATION**

**WORK ORDER**

**Form: SCA/MTC/030**

<b>Subject :</b> <b>Inspection Document 08 &amp; Add. Task</b>	No.	WO/046-SNG/IX/2022
	Date	29 Sep 2022
	A/C Reg.	PK-SNG C208B-5543
<b>Reference :</b> <b>MP C208B REV. 12</b>	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

**Description :**

1. Perform Inspection Document 08 & Add Task
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 :**

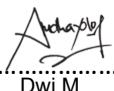
Compliance Statement	Sign & Date Company Lic. No.:  (Engineer In Charge)	Signature  (Technical Manager)
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**AIRCRAFT CHECK WORK SUMMARY**  
**(Form: SCA/MTC/051)**

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		Mfg. Serial Number	A/C Registration		
C208B		C208B-5543	PK-SNG		
<b>AIRCRAFT DATA</b>					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0596			
	#2	-			
Propeller/Rotor	#1	190140			
	#2	-			
Landing Gear	NLG				
	LH MLG				
	RH MLG				
<b>PACKAGE COVERED</b>					
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		
<b>INSPECTION CARD (IC) LIST (Finding during maintenance)</b>					
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



.....  
Dwi M.

Checked by :  
Chief Maintenance



.....  
Dodit

Verified by :  
Chief Inspector



.....  
Yanuar

Approved by :  
Technical Manager



.....  
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/023	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				
<p style="text-align: center;">AUTHORIZED PERSON</p> <p>I hereby certify that this aircraft has been maintained accordance with CASR and Maintenance Program.</p> <p style="text-align: center;">Aircraft safe and airworthy for flight</p>				
NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE
	AIRFRAME & POWER PLANT			
	EIRA			
THE NEXT DUE TYPE OF INSPECTION :				
DUE AT :				

	<b>INSPECTION CARD</b> <b>(Form: SCA/MTC/ 048)</b>				TECHNICAL DEPARTMENT		
1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE			
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #				
PK-SNG/5543	C208B EX						
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"/>
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**

<u>Engine Serial Number</u> <b>PCE-VA0596</b>	<u>Date</u>	<u>Base / Location</u>	<u>Aircraft Registration</u> <b>PK-SNG</b>
<u>Aircraft Total Time</u>	<u>Aircraft Total Cycle</u>	<u>Reason For Borescope</u> <b>400 HOURS INSPECTION</b>	

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
<b>1</b>	Remove fuel manifold adapter as necessary (Ref. 73-10-04).		
<b>2</b>	Perform inspection of the First Stage Compressor. <u>Defects:</u>  <u>If defects found, quote MM Limitation and References :</u>		

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



## DOCUMENT FORM BORESCOPE INSPECTION FORM

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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



## DOCUMENT FORM BORESCOPE INSPECTION FORM

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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>



## DOCUMENT FORM BORESCOPE INSPECTION FORM

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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 of 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-Blades 4 <sup>th</sup> 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 1<sup>st</sup> Q</u>		<u>Photo of PT-Blades/Vanes 2<sup>nd</sup> Q</u>	
<u>Photo of PT-Blades/Vanes 3<sup>rd</sup> Q</u>		<u>Photo of PT-Blades/Vanes 4<sup>th</sup> 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**

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

<b>No.</b>	<b>Description</b>	<b>P/N</b>	<b>S/N</b>	<b>Next Insp.</b>	<b>Remarks</b>
1	<b>Pilot Life Vest</b>				
2	<b>Co-Pilot Life Vest</b>				
3	<b>Pax Life Vest</b>				
4	<b>Pax Life Vest</b>				
5	<b>Pax Life Vest</b>				
6	<b>Pax Life Vest</b>				
7	<b>Pax Life Vest</b>				
8	<b>Pax Life Vest</b>				
9	<b>Pax Life Vest</b>				
10	<b>Pax Life Vest</b>				
11	<b>Pax Life Vest</b>				
12	<b>Pax Life Vest</b>				
13	<b>Firt Aid Kit</b>				
14	<b>Crash Axe Installed</b>				
15	<b>Fire Extinguisher</b>				
16	<b>Life Raft (If Installed)</b>				
17	<b>Survival Kit (If Installed)</b>				
<b>OTHERS</b>					



## **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



## **Additional Work Sheet**

Aircraft Registration: **PK-SNG**

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

## Parts Used Sheet