



**PT. SMART CAKRAWALA AVIATION**

**WORK ORDER**

**Form: SCA/MTC/030**

<b>Subject :</b> <b>Inspection 1600 Hrs &amp; Additional task</b>		No.	WO/066-SNM/X/2023
		Date	17 Oct 2023
		A/C Reg.	PK-SNM C208-00655
<b>Reference :</b> MP C208B Issued 01 rev. 01		Prepared By	TS
		Checked By	CI
		Approved By	TM
To : Engineer In Charge			
<b>Description :</b> <ol style="list-style-type: none"><li>1. Perform Inspection 1600 Hrs &amp; Additional Task</li><li>2. Make an entry in Maintenance Log.</li><li>3. Return the Completed Work Order and Form to PPC.</li></ol> <p>#If any finding, please close the routine card, and transferred to inspection card.</p>			
<b>Additional Work :</b>			
Compliance Statement	Sign & Date Company Lic. No.:  (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
17 Oct 2023	WO/065-SNM/X/2023	1600 Hrs & Add.Task Insp	
<b>AIRCRAFT DATA</b>			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PC2327	
	#2	-	
Propeller/Rotor	#1	000930	
	#2	-	
Landing Gear	NLG		
	LH MLG		
	RH MLG		

### PACKAGE COVERED

No	Subject	Qty	Remark
1	Non-Routine Card	2	
2	Inspection Card	1	
3	Work Order	1	
4	Summary Inspection List	1	
5	Material and Tool List	1	
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	
IC-001					
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					

<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



Hani

Checked by :  
Chief Maintenance



Dodit

Verified by :  
Chief Inspector



Yanuar

Approved by :  
Technical Manager



Istiono



PT. SMART CAKRAWALA AVIATION

**CERTIFICATE RETURN TO SERVICE**  
SCHEDULED MAINTENANCE INSPECTION  
(CRS-SMI)

A/C TYPE	: CESSNA 208			TTSN	:
A/C REG	: PK-SNM			TCSN	:
MSN	: C208-00655			DATE	:
TYPE OF INSPECTION	: INSPECTION 1600 HRS & ADD.TASK				
DUE AT	: 4779:00 HRS				
REFF	: MP C208B ISSUED 01 REV.01				
EXCEPTION					
<b>AUTHORIZED PERSON</b> 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	:				
<b>Form: SCA/MTC/049</b>					



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

WO Ref: WO/066-SNM/X/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B07	PT6A-114A ENGINE GROUND RUN				
2	APPENDIX C08	1600 HRS/60 MTHS INSPECTION				
3	APPENDIX C09	1600 HRS/24 MTHS INSPECTION				
4	APPENDIX C06	800 HRS/24 MTHS INSPECTION				
5	APPENDIX C07	800 HRS/12 MTHS INSPECTION				
6	APPENDIX C04	400 HRS/24 MTHS INSPECTION				
7	APPENDIX C03	400 HRS/12 MTHS INSPECTION				
8	APPENDIX D04	PT6A-114A 400 HRS INSPECTION				
9	NRC-001	REPLACEMENT VACUUM RELIEF VALVE				
10	NRC-002	REPLACEMENT AIR FILTER				
11	SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST				



**INSPECTION CARD**  
(Form: SCA/MTC/ 048)

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 #	
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



NRC No. : 001

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/066-SNM/X/2023		COMPONENT REPLACEMENT	PK-SNM
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
001	37		
9. ZONE	10. PANEL		
ENGINE			

## 11. DESCRIPTION

PERFORM VACUUM SYSTEM CENTRAL AIR FILTER REPLACEMENT DUE TO TIMEX  
REMOVED  
P/N: AAD9-18-1

REFERENCE	<input checked="" type="checkbox"/> AMM Ch. 37-10-00	<input type="checkbox"/>	<input type="checkbox"/> OTHER
RII (*)	<input type="checkbox"/> Y	<input 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) #				

## 1. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

## 1. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS

Distribution : 1. White : PPC/Engineering

2. Red : Quality

3. Yellow : Retain on Log Book



NRC No. : 002

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/066-SNM/X/2023		COMPONENT REPLACEMENT	PK-SNM
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
002	37		
9. ZONE	10. PANEL		
ENGINE			

## 11. DESCRIPTION

PERFORM VACUUM RELIEF VALVE FILTER REPLACEMENT DUE TO TIMEX  
REMOVED  
P/N: B3-5-1

REFERENCE	<input checked="" type="checkbox"/> AMM Ch. 37-10-00	<input type="checkbox"/>	<input type="checkbox"/> OTHER
RII (*)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	MHR :

## 12. RESULT

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

## 1. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

## 1. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS

Distribution : 1. White : PPC/Engineering

2. Red : Quality

3. Yellow : Retain on Log Book

## VACUUM DISTRIBUTION - INSPECTION/CHECK

### 1. General

A. This section has the inspections and checks necessary to keep the vacuum distribution system in a serviceable condition.

### TASK 37-10-00-960

### 2. Vacuum System Central Air Filter Discard

**CAUTION: Do not operate the vacuum system with the filter removed or a vacuum line disconnected. Dust and other foreign objects can enter the system and damage the vacuum operated instruments.**

A. General

(1) This task gives the instructions to discard the vacuum system central air filter.

B. Special Tools

(1) None

C. Access

(1) None

D. Discard the Vacuum System Central Air Filter.

(1) Remove the vacuum system central air filter. Refer to Chapter 12, [Vacuum System Central Air Filter - Servicing](#).  
(a) Discard the filter.

(2) Install a new vacuum system central air filter. Refer to Chapter 12, [Vacuum System Central Air Filter - Servicing](#).

E. Restore Access

(1) None

### END OF TASK

### TASK 37-10-00-961

### 3. Vacuum Relief Valve Filter Discard

**CAUTION: Do not operate the vacuum system with the filter removed or a vacuum line disconnected. Dust and other foreign objects can enter the system and damage the vacuum operated instruments.**

A. General

(1) This task gives the instructions to discard the vacuum relief valve filter.

B. Special Tools

(1) None

C. Access

(1) None

D. Discard the Vacuum Relief Valve Filter.

(1) Get access to the relief valve behind the attitude gyro.  
(2) Carefully stretch the foam element filter over the top of the retaining bezel.  
(3) Remove the filter from the relief valve and discard it.  
(4) Stretch a new relief valve filter over the top of the retaining bezel.  
(5) Make sure that the filter is secure on the relief valve.

E. Restore Access

(1) None

### END OF TASK



# MAINTENANCE PROGRAM

## CESSNA 208/208B

### Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK -

WO/FML No. :

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. Inertial Separator at Torque 400 ft-lbs.		3. EPL check can't exceed 4% Ng per second.		5. Low idle at 52.5 – 53.5% 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 C208

OAT (°C)	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Tq (ft.lbs)	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865
Np	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
ITT (°C)	772	775	778	780	785	790	793	795	797	800	800	800	802	805	810
Ng (%)	98.5	98.5	99	99	99.1	99.2	99.4	99.5	99.5	100	100	100.2	100.5	100.7	100.9
WF (PPH)	450	450	450	450	450	450	450	450	450	450	450	450	448	448	446

#### 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 465 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
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## EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE :	A/C REG :
A/C TYPE :	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)				
<b>OTHERS</b>					



Aircraft Registration: **PK-SNM**

WO# Nr: **Wo/066-SNM/X/2023**



# **Additional Work Sheet**

## **1600H/60M & ADD.TASK**

### **Parts Used Sheet**

## Special Tool Used



Aircraft Registration: **PK-SNM**

WO# Nr: **WO/066-SNM/X/2023**



# **Additional Work Sheet**

## **1600H/60M & ADD.TASK**

### **Parts Used Sheet**

## Part Used