PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : **Inspection 400Hrs A/F, 100Hrs Engine&Add.Task**	No.	WO/052-SNP/VIII/2023
	Date	31 Aug 2023
	A/C Reg.	PK-SNP C208B-5495
Reference : MP C208B ISSUED 01	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 400 Hrs A/F, 100 Hrs Eng.& 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)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
31 Aug 2023	WO/052-SNP/VIII/2023	400Hrs A/F,100Hrs Eng & Add.Task	

A/C Type	Mfg. Serial Number	A/C Registration
C208B	C208B-5495	PK-SNP

AIRCRAFT DATA

Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-VA0723	
	#2	-	
Propeller/Rotor	#1	181158	
	#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	-	
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					

IC-007					
IC-008					
IC-009					
IC-010					
IC-011					
IC-012					
IC-013					
IC-014					
IC-015					

Prepared by : Technical Support	Checked by : Chief Maintenance	Verified by : Chief Inspector	Approved by : Technical Manager
			
.....	.....	.....	.....
Hani	Dodit	Yanuar	Istiono

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

WO Ref: WO/052-SNP/VIII/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE				
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION				
3	APPENDIX C03	200HRS/12MTS INSPECTION				
4	APPENDIX C05	400HRS/12MTS INSPECTION				
5	APPENDIX C04	400HRS/24MTS INSPECTION				
6	NRC-01	REPLACEMENT VACUUM CENTRAL AIR FILTER				
7	NRC-02	REPLACEMENT VACUUM RELIEF VALVE FILTER				
8	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK				

PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE	: CESSNA 208B	TTSN	:
A/C REG	: PK-SNP	TCSN	:
MSN	: C208B-5495	DATE	:

TYPE OF INSPECTION : INSPECTION 400HRS A/F,100HRS ENG.&ADD.TASK
DUE AT : 5179:23 HOURS
REFF : MP C208B ISSUED 01

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

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/052-SNP/VIII/2023		**REPLACEMENT COMPONENT**	**PK-SNP**
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#01	**37**		
9. ZONE	10. PANEL		

11. DESCRIPTION

PERFORM VACUUM SYSTEM CENTRAL AIR FILTER REPLACEMENT
P/N: D9-18-1 / C294502-0201

REFERENCE	[X] AMM Ch. 37-10-00-960	[ ] EMM Ch	[ ] OTHER
RII (*)	[ ] Y	[X] N	MHR :

12. RESULT				MECH	ENG	INSP (*)
Performed at A/C TT : ..... A/C TC /LDG :						
FINDING	[ ] Y	[ ] N	ACT MHR :	DATE/TIME (DD/MM/YY)		
INSPECTION CARD (IC) #						

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

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

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/052/SNP/VIII/2023		**REPLACEMENT COMPONENT**	**PK-SNP**
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#02	**37**		
9. ZONE	10. PANEL		

11. DESCRIPTION

PERFORM VACUUM RELIEF VALVE FILTER REPLACEMENT
P/N: B3-5-1 / C482001-0202

REFERENCE	[X] AMM Ch. 37-10-00-961	[ ] EMM Ch	[ ] OTHER
RII (*)	[ ] Y	[X] N	MHR :

12. RESULT				MECH	ENG	INSP (*)
Performed at A/C TT : ..... A/C TC /LDG :						
FINDING	[ ] Y	[ ] N	ACT MHR :	DATE/TIME (DD/MM/YY)		
INSPECTION CARD (IC) #						

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

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

VACUUM SYSTEM CENTRAL AIR FILTER - SERVICING

1. General

A. The vacuum system central air filter keeps dust and dirt from entering the vacuum operated instruments.

CAUTION: Do not operate vacuum system with filter removed or vacuum line disconnected, as dust and other foreign matter may enter the system and damage the vacuum operated instruments.

B. Refer to Chapter 5, Inspection Time Limits for filter inspection intervals. Replace filter element when damaged and whenever it becomes sufficiently clogged to cause suction gage reading to drop below 4.5 inches Hg (mercury).

CAUTION: Smoking during system operation will cause premature filter clogging.

2. Servicing

A. Remove Air Filter (Refer to Figure 301).

(1) Unscrew bolt and washer from bottom of central air filter.

(2) Remove central air filter from filter bracket.

(3) Inspect for damage, deterioration and contamination. Clean or replace as required.

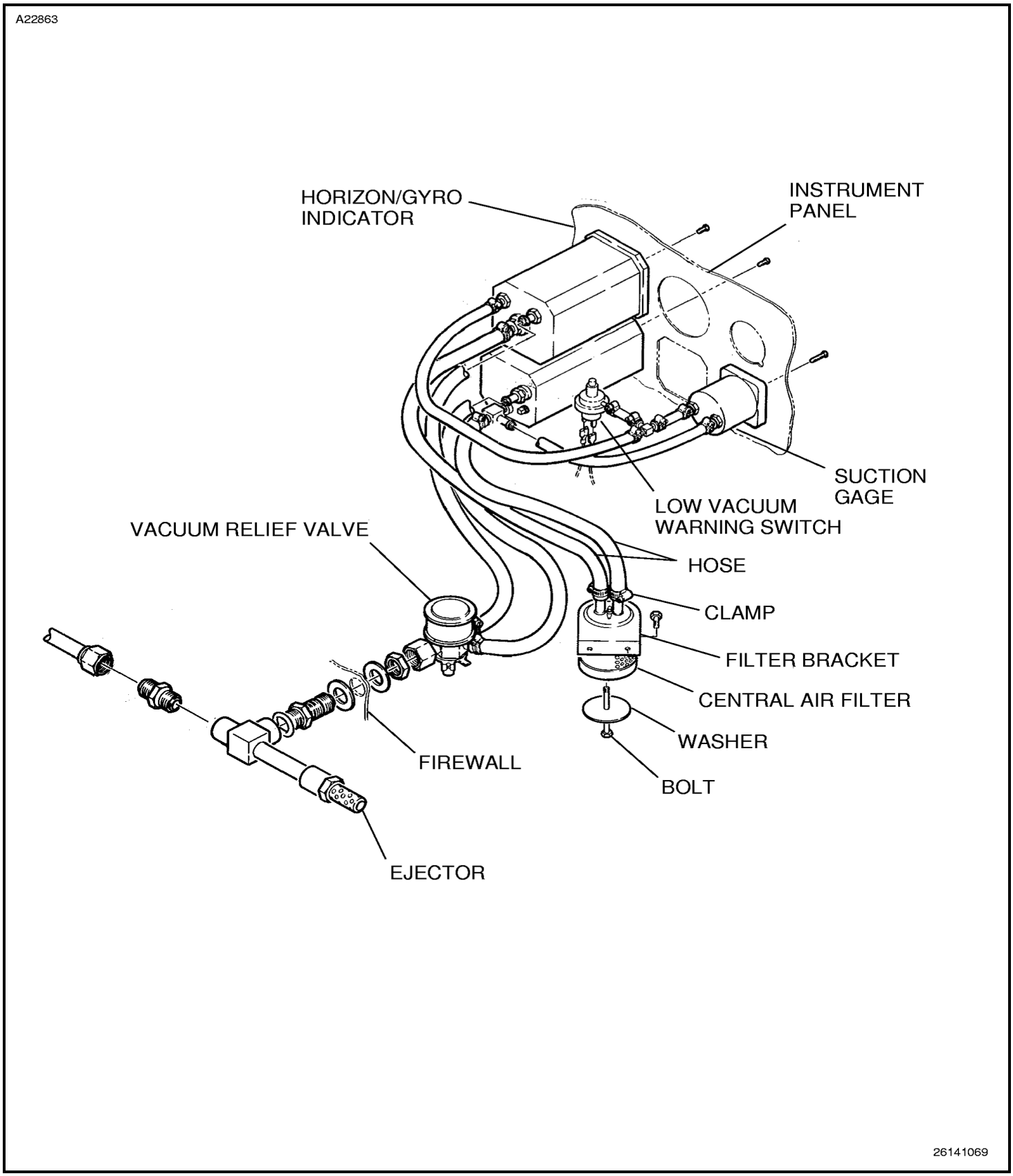
B. Install Air Filter (Refer to Figure 301).

(1) Seat central air filter up and into filter bracket.

(2) Secure central air filter to filter bracket using bolt and washer.

(3) Check central air filter for unobstructed flow. A properly functioning filter should allow a reading of at least 4.5 inches Hg (mercury) on the instrument panel suction gage.

Figure 301 : Sheet 1 : Vacuum System Central Air Filter Servicing



Reg. Mark : PK -

WO/FML No. : WO/032-SNP/XII/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 ☐ **EPL** ☐ **OVG** ☐ **Stby Alt** ☐ **BOV** ☐ **Brake** ☐ **Randown** ☐

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:

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

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	**PT. SMART CAKRAWALA AVIATION** DEPARTMENT TEKNIK Form: **SCA/MTC/023**

DATE :	**A/C REG : PK-SNP**
A/C TYPE : C208B	**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					

Aircraft Registration: **PK-SNP**

WO# Nr: **WO/052-SNP/VIII/2023**

Inspe.400Hrs A/F,100Hrs Eng. & Add.Task

Parts Used Sheet

Special Tool Used

No.	Description	Due Date	Engineer

Additional Work Sheet
Inspe.400Hrs A/F,100Hrs
Eng. & Add.Task

Aircraft Registration: **PK-SNP**

WO# Nr: **WO/052-SNP/VIII/2023**

Parts Used Sheet

Part Used

Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer