



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 200 Hrs Engine	No.	WO/038-SNI/VI/2023
	Date	12 Jun 2023
	A/C Reg.	PK-SNI C208B-5068
Reference : MP C208B ISSUED 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		

Description :

1. Perform Inspection 200 Hours Engine
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 Carried out	Sign & Date Company Lic. No.: SCA 27 18/06/2023 (Engineer In Charge) Wahono	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	
12 Jun 2023	WO/038-SNI/VI/2023	Inspection 200 Hrs	18 JUNE 2023	
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5068	PK-SNI	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0802	196:24 / 291	
	#2	-		
Propeller/Rotor	#1	200707	1293:49	
	#2	-		
Landing Gear	NLG		8245:02/13877	
	LH MLG			
	RH MLG			
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card			
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		NIL		
IC-002				
IC-003				
IC-004				
IC-005				
IC-006				

<u>0001</u>					
<u>0008</u>					
<u>0001</u>					
<u>0010</u>					
<u>0011</u>					
<u>0011</u>					
<u>0013</u>					
<u>0011</u>					
<u>0011</u>					

Technical Support

Chief Maintenance

Chief Inspector

Technical Manager


Dwi M.


Dodit


Yanuar


Istiono



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE	: CESSNA 208B	TTSN	: 8245 : 02
A/C REG	: PK-SNI	TCSN	: 13877
MSN	: C208B-5068	DATE	: 18-06-2023

TYPE OF INSPECTION : INSPECTION 200H/12M A/F & 100H ENGINE
 DUE AT : 8153:50 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
Wahjono	AIRFRAME & POWER PLANT	5792/SCA27	 	18/2023.
	EIRA			06

THE NEXT DUE TYPE OF INSPECTION : 200 hrs Insp.
 DUE AT : 8353 FH.

Form: SCA/MTC/049



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

WO Ref: WO/038-SNI/VI/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	18/06/2023	-	Wahyono	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR / MINOR INSPECTION	18/06/2023	-	Wahyono	
3	APPENDIX D09	ENGINE PT6A-140 200 HOUR INSPECTION	18/06/2023	-	Wahyono	
4	APPENDIX D10	ENGINE PT6A-140 200 HOUR / 6 MTHS INSPECTION	18/06/2023	-	Wahyono	
5	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	18/06/2023	-	Wahyono	

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SN1

WO/FML No. : W0638-SN1/1/2023

PRE - INSPECTION	
Location	Nabire
Date	17-06-2023
Cycle	1
Filed Barometric	299.2 in Hg
OAT	32 °C
Altitude	60 ft

POST - INSPECTION	
Location	Nabire
Date	18-06-2023
Cycle	1
Filed Barometric	299.2 in Hg
OAT	32 °C
Altitude	60 ft

PRE - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	841 °C	833 °C
Ng	102.7 %	100.4 %
Wf	578	537
Oil Press		90 °C
Oil Temp		72 °C
Start Temp		79.8 °C

POST - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	841 °C	822 °C
Ng	102.7 %	100.4 %
Wf	578	537
Oil Press		91 °C
Oil Temp		73 °C
Start Temp		80.7 °C

Engine Run Up Checks													
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒	BOV	☒	Brake	☒	Randomness	☒
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:

- 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:

Satisfied

PERFORMED BY

Name	Sign & Stamp	Date	Location
Wahono		08/06/2023	Nabire

**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	15
	PPC/ENG	DATE
NIL		

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

23. 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 : 18-06-2023	A/C REG : PK-SNI
A/C TYPE : C208B Grand Caravan EX	CHECKER : Wahyeno SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074 - 101W	17062000025	Oct 2023	Serviceable
2	Co-Pilot Life Vest	P01074 - 101W	17060500001	July 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	FAK	0920-1630	Sept 2023	Serviceable
14	Crash Axe Installed	N/pN	NSN	%C	Secured
15	Fire Extinguisher	C 352	A40841361	MAY 2024	Serviceable.
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				

OTHERS



Aircraft Registration: **PK-SNI**

WO# Nr: WO/038-SNI/VI/2023

Additional Work Sheet

Inspection 200H/ & 100H

Engine

Parts Used Sheet

Special Tool Used

[illegible]



Additional Work Sheet

Inspection 200H & 100H

Engine

WO# Nr: WO/038-SNI/VI/2023

Parts Used Sheet

[illegible]