



PT. SMART CAKRAWALA AVIATION

**WORK ORDER**

Form: SCA/MTC/030

Subject : <b>100 Hours Inspection</b>	No.	WO/021-SNT/X/2023
	Date	24 Oct 2023
	A/C Reg.	PK-SNT C208B-5707
Reference : Maintenance Program C208/208B Issued 01 Rev. 01	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge



**Description :**

1. Perform 100 Hours Inspection
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 :**

NIL

Compliance Statement	Sign & Date Company Lic. No.:	Signature
<i>Carried Out -</i>	 26-10-2023. SCA 031 (Engineer In Charge) D. Arya Fermana.	 (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
24 Oct 2023	WO/021-SNT/X/2023	100 Hours/ nsp.	26 Oct 2023.
A/C Type		Mfg. Serial Number	A/C Registration
C208B		C208B-5707	PK-SNT
<b>AIRCRAFT DATA</b>			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-VA0838	892:10 / 1028.
	#2	-	
Propeller/Rotor	#1	211046	892:10 / 1028.
	#2	-	
Landing Gear	NLG		892:10 / 1028
	LH MLG		892:10 / 1028
	RH MLG		892:10 / 1028.

**PACKAGE COVERED**

No	Subject	Qty	Remark
1	Non-Routine Card	2	01, 02
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	
<u>IC-001</u>					
<u>IC-002</u>					
<u>IC-003</u>					

Prepared by :  
Technical Support

  
.....  
Hani

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/021-SNT/X/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN	26/10/2023	0.5 MHR	Arya P	
2	APPENDIX D08	PT6A-140 100 HOURS		1 MHR	Arya P	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK		0.5 MHR	Arya P.	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B  
A/C REG : PK-SNT  
MSN : C208B-5707  
TTSN : 892:10  
TCSN : 1028  
DATE : 26/10/2023




TYPE OF INSPECTION : 100 HOURS INSPECTION  
DUE AT : 900 HOURS  
REFF : MAINTENANCE PROGRAM ISSUED 01 REV. 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
D. Arya Permara	AIRFRAME & POWER PLANT	9505/ 	 	26/10/2023.
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 Hrs.

DUE AT : 1000:00 FH.

Form: SCA/MTC/049



## 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

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	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 <input type="checkbox"/> Chemical Spill <input type="checkbox"/> LAV/Galley Spill <input type="checkbox"/> Blocked Drain <input type="checkbox"/> Wet Insulation Blanket <input type="checkbox"/> Other		
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread			
CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3			
PROPOSED ACTION <input type="checkbox"/> Doublers <input type="checkbox"/> 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



Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK- SMT

WO/FML No. : WO/021-SMT/X/2023

PRE – INSPECTION	
Location	PKY
Date	26/10/2023
Cycle	
Filed Barometric	29,92 INHg
OAT	29 °C
Altitude	207T

POST – INSPECTION	
Location	PKY
Date	26/10/2023.
Cycle	
Filed Barometric	29,92 INHg.
OAT	39 °C
Altitude	40 FT

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	839 °C	799 °C
Ng	102,7 %	100,5 %
Wf	578.	517
Oil Press		90 °C
Oil Temp		74 °C
Start Temp		692 °C

POST- INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1860
ITT	846 °C	810 °C
Ng	102,6 %	100,6 %
Wf	555	510
Oil Press		89 °C
Oil Temp		76 °C
Start Temp		699 °C

**Engine Run Up Checks**

Inertial  EPL  OVG  Stby Alt  BOV  Brake  Rاندون

**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:**  
NIL

PERFORMED BY			
Name	Sign & Stamp	Date	Location
D. Arya P.		26/10/2023	PKY



# EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 26 OCT 2023. A/C REG : PK-SNT

A/C TYPE : C208B - EX.

CHECKER : Arya

SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-201	22081470021	Dec 2023.	Good
2	Co-Pilot Life Vest	P01074-201	22081470019	Dec 2023.	Good
3	Pax Life Vest	P01202-291	22090490197	MAR 2024	Good
4	Pax Life Vest	P01202-291	22090490294	MAR 2024	Good
5	Pax Life Vest	P01202-291	22090490281	MAR 2024	Good
6	Pax Life Vest	P01202-291	21071600020	MAR 2030	Good
7	Pax Life Vest	P01202-291	21071600015	MAR 2030	Good
8	Pax Life Vest	P01202-291	22090490368	MAR 2024	Good
9	Pax Life Vest	P01202 201	22090490463	MAR 2024	Good
10	Pax Life Vest	P01202 201	22090490289	MAR 2024	Good
11	Pax Life Vest	P01202 201	2290490328	MAR 2024	Good
12	Pax Life Vest	P01202 201	22090490207	MAR 2024	Good
13	First Aid Kit	FL 220-FAK-FAA	0622-2736	Dec 2023	Good
14	Crash Axe Installed	-	-	-	Good
15	Fire Extinguisher	C 352 FIREX	1108989119	Dec 2023	Good.
16	Life Raft (If Installed)	-	-	-	-
17	Survival Kit (If Installed)	-	-	-	-
OTHERS					
18	Flash light	-	-	-	Serv.
19	Pax life Vest	P01202-291	22090490336	MAR 2024	Good
20.	Pax life Vest	P01202-291	2209049288	MAR 2024.	Good.



**Additional Work Sheet  
100 HOURS**

Aircraft Registration: PK-SNT

WO# Nr: WO/021-SNT/X/2023

**Special Tool Used**

**Tool Used She**

No.	Description	Due Date	Engineer
1.	Torque Wrench. (TA-0280)	1 Sep. 2024.	Arya.
2.	Pressure Gauge. (BG40)	May 2025	Arya.





## Additional Work Sheet 100 HOURS

Aircraft Registration: PK-SNT

WO# Nr: WO/021-SNT/X/2023

Date	Part Nr.	Serial Nr.	Part Used Description	Quantity	Part Used Sh Engineer
26/10/2023.	AN 6235-3A.	/	- Filler Element	2	Arya.
	M 25988/1- 928		O-Ring	1	
	M 83485/1-212			1	
	AS 3209 - 120			1	
	AS 3209 - 224			1	
	AS 3209 - 143.			1	
	AS 3209 - 015			1	
	AS 3209 - 014			1	
	AS 3209 - 126			1	
	M 83485/1-735			1	
	M 25988/1-212			1	
	M 83485/1-909		1		
26/10/2023	3010880		O-Ring Boresat.	2	Arya.