





PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 200Hrs/12Mts A/F & 100Hrs Engine	No.	WO/037-SNI/V/2023
	Date	20 May 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 : <ol style="list-style-type: none">1. Perform Inspection 200H/12M A/F & 100H Engine2. Make an entry in Maintenance Log.3. Return the Completed Work Order and Form to PPC. <p>#If any finding, please close the routine card, and transferred to inspection card.</p>		
Additional Work : NIL		
Compliance Statement	Sign & Date 20-MAY-2023 Company Lic. No.: 8630  AMIN MOHAMMAD SAID (Engineer In Charge)	Signature  (Technical Manager)



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

WO Ref: WO/037-SNI/V/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	28/MAY 2023		Amin	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR INSPECTION	28/MAY 2023		Amin	
3	APPENDIX C03	200 HOURS/12 MTHS INSPECTION	28/MAY 2023		Amin	
4	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	28/MAY 2023		Amin	

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
20 May 2023	WO/037-SNI/V/2023	Insp. 200H/12M, &100H Engine			
A/C Type C208B		Mfg. Serial Number C208B-5068	A/C Registration PK-SNI		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0802	105118 / 163		
	#2	-			
Propeller/Rotor	#1	200707	124143		
	#2	-			
Landing Gear	NLG		8152156		
	LH MLG		8162156		
	RH MLG		8162156		
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	C122103	R/H MAIN TIRE WORN OUT		✓	
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					



PT. SMART CAKRAWALA AVIATION

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



A/C TYPE	: CESSNA 208B	TTSN	: 8152156
A/C REG	: PK-SNI	TCSN	: 13749
MSN	: C208B-5068	DATE	: 28 MAY 2023

TYPE OF INSPECTION : INSPECTION 200H/12M A/F & 100H ENGINE
DUE AT : 8153:50 HOURS
REFF : MP C208B ISSUED 01

EXCEPTION
NIL

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
AMIN MOHAMMAD SAID	AIRFRAME & POWER PLANT	8030 		28/MAY/ 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS INSPECTION
DUE AT : 8253:50

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SN1

WO/FML No. : WO/037-SN1/V/2023

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	NBX
Date	28-MAY-2023
Cycle	13749
Filed Barometric	1007
OAT	32
Altitude	SEA LEVEL

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	2397	2387
Np	1900	1850
ITT	841 °C	817 °C
Ng	102.7 %	101.8 %
Wf	578	544
Oil Press		83 °C
Oil Temp		82 °C
Start Temp		724 °C

Engine Run Up Checks													
Inertial	<input checked="" type="checkbox"/>	EPL	<input checked="" type="checkbox"/>	OVG	<input checked="" type="checkbox"/>	Stby Alt	<input checked="" type="checkbox"/>	BOV	<input checked="" type="checkbox"/>	Brake	<input checked="" type="checkbox"/>	Randomn	<input checked="" type="checkbox"/>
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:
ALL PARAMETERS ON TARGET

PERFORMED BY			
Name	Sign & Stamp	Date	Location
AMIN m SAID		20/may 2023	NBX

	INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
1C001	W0037-SN/V/2023			28-May-2023
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
P6-SN1	REPLACEMENT			
9. ZONE	10. STA	11. MTC TYPE		
700	NBX			


13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
R/H MAIN TIRE WORN OUT		

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED R/H MAIN TIRE WITH NEW ONE OPS CHECK GOOD LEFF: 32-40-00 Performed at A/C TT: ...8152:56..... A/C TC /LDG: ...13713.....			28/may / 2023

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
BEARING COUPLER NOSE	214-00206	1	NSN	NSN	✓	
ORING PISTON BRAKE	MS 28775-224	5	NSN	NSN	✓	
INSULATOR	088-00100	1	NSN	NSN	✓	
MAIN WHEEL ASS	078-446-1	1	2322 T00203		✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
TORQUE WRENCH	TA-0290	NOV 2023	✓			
TORQUE WRENCH	BP 901 HMRMH	AUG 2023	✓			

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 28 - 05 - 2023	A/C REG : PK-SNI
A/C TYPE : C208B Grand Caravan EX	CHECKER : AMIN M.S. SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101W	12062000025	05/2023	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	0920-1620	SEPT 2023	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	0/c	SERVICEABLE
15	Fire Extinguisher	C352	A40841361	MAY 2024	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



WO# Nr: **WO/037-SNI/V/2023**

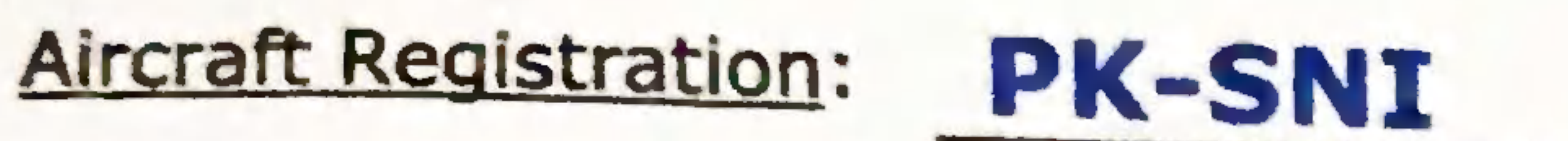
Additional Work Sheet

Inspection 200H/12M A/F & 100H Engine

Parts Used Sheet

Special Tool Used

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Parts Used Sheet

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