



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject :	No.	WO/037-SNI/V/2023
Inspection 200Hrs/12Mts A/F &	Date	20 May 2023
100Hrs Engine	A/C Reg.	PK-SNI C208B-5068
Reference :	Prepared By	TS
MP C208B ISSUED 01	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 200H/12M A/F & 100H 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 :

NIL

Compliance Statement	Sign & Date 28-MAY-2023 Company Lic. No.: 8630   AMIN MOHAMAD SIDIQ (Engineer In Charge)	Signature  (Technical Manager)
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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	SMART CARRAWAY AVIATION 04
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR INSPECTION	28/MAY 2023		AMIN	SMART CARRAWAY AVIATION 04
3	APPENDIX C03	200 HOURS/12 MTHS INSPECTION	28/MAY 2023		AMIN	SMART CARRAWAY AVIATION 04
4	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	28/MAY 2023		AMIN	SMART CARRAWAY AVIATION 04

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
20 May 2023	WO/037-SNI/V/2023	Insp. 200H/12M, &100H Engine	
A/C Type	Mfg. Serial Number	A/C Registration	
C208B	C208B-5068	PK-SNI	
AIRCRAFT DATA			
Subject	Pos #	Serial Number (SN)	TTSN/TCN
Engine	#1	PCE-VA0802	10518 / 163
	#2	-	
Propeller/Rotor	#1	200707	12443
	#2	-	
Landing Gear	NLG		8152156
	LH MLG		8152156
	RH MLG		8152156

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		✓	WAS 04
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 MOTHAMAN SAID	AIRFRAME & POWER PLANT	06900 04 		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			
IT	°C	°C	
Ng	%	%	
Wf			
Oil Press		°C	
Oil Temp		°C	
Start Temp		°C	

POST - INSPECTION		Target	Actual
Tq	2397	2397	
Np	1900	1830	
IT	841 °C	817 °C	
Ng	102.7 %	101.8 %	
Wf	538	544	
Oil Press		89 °C	
Oil Temp		82 °C	
Start Temp		724 °C	

Engine Run Up Checks							
Inertial	<input checked="" type="checkbox"/>	EPL	<input type="checkbox"/>	OVG	<input checked="" type="checkbox"/>	Stby Alt	<input checked="" type="checkbox"/>
<u>NOTE:</u>							
1. Inertial Separator at Torque 400 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 2000 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
IT (°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 SAID		28/MAY/2023	NBX

Issued: 01

SCA/TEK/1-001

15 December 2022

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INSPECTION CARD
(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
LC 001	W0/037-SN/1/2023			28-MAY-2023
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
Pb-GNI	REPLACEMENT			
9. ZONE	10. STA	11. MTC TYPE		
700	NBX			

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

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
REPLACED R/H MAIN TIRE WITH NEW ONE OPS CHECK GOOD REFF: 32-40-04			28/MAY/ 2023
Performed at A/C TT: 8152 : 56 A/C TC /LDG: 13749			
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 CONE NOSE	214-00206	1	NSN	NSF	✓	
ORING PISTON BRAKE	MS 28775-224	5	NSN	NSF	✓	
INSULATOR	088-00100	1	NSN	NSF	✓	
MAIN WHEEL ASS	078-446-1	1	2322 T00203		✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE			STATUS	
TORQUE WRENCH	T4-0290	NOV 2023			✓	
TORQUE WRENCH	BP 901 MM24H	AUG 2023			✓	



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE : 28 - 05 - 2023

A/C REG : PK-SNI

A/C TYPE : C208B Grand Caravan EX

CHECKER : AMIN M.S.

SIGN: *AMIN*

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	D01074-101W	12062000025	OCT 2023	SERVICEABLE
2	Co-Pilot Life Vest	D01074-101W	12060500001	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	First Aid Kit	FAK	0920-1620	SEPT 2023	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	0%	SERVICEABLE
15	Fire Extinguisher	C352	A40841361	MAY 2024	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				

OTHERS



Aircraft Registration: **PK-SNI**

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

Additional Work Sheet

Inspection 200H/12M A/F &

100H Engine

Parts Used Sheet

No.	Description	Due Date	Engineer
1	OIL PULLER	O/C	AB
2.	TORQUE WRENCH (TA-02907)	NOV 2023	AB
3	TORQUE WRENCH (BP 501 NM RMH)	AUG 2023	AB



Aircraft Registration: **PK-SNI**

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

Additional Work Sheet

Inspection 200H/12M A/F, &

100H Engine

Parts Used Sheet

Part Used					
Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer
27-09-2023	088-00100	NSN	INSULATOR.	1	
	MS 28TT9-224	NSN	ORING piston	5	
	078-946-1	2322 T 00203	MAIN wheel	1	
	GL-29254	NSN	Inner tube.	1	
	MS 21669-362.	NSN	COTTER PIN.	24.	
	MS 21669-285	NSN	COTTER PIN	1	
28-09-2023	PT6-190 KITS	NSN	100 Hrs KITS PT6-190.	1 KITS.	