



PT. SMART CAKRAWALA AVIATION

## WORK ORDER

Form: SCA/MTC/030

Subject : <b>100 Hours Engine Inspection</b>	No.	WO/008-SNT/III/2023
	Date	29 Mar 2023
	A/C Reg.	PK-SNT C208B-5707
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

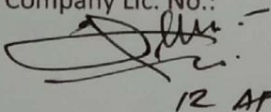
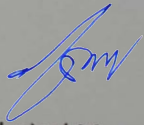
### Description :

1. Perform 100 Hours Engine 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 :

-KTL-

Compliance Statement <b>CARRIED OUT</b>	Sign & Date Company Lic. No.:  12 APRIL 2023 SCA 20 (Engineer In Charge)	Signature  (Technical Manager)
--	--	---

Appendix B - Form: SCA/MTC/030



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B TTSN : 292:08  
A/C REG : PK-SNT TCSN : 314  
MSN : C208B-5707 DATE : 12 APRIL 2023

TYPE OF INSPECTION : 100 Hours Engine Inspection  
DUE AT : 300 Hours  
REF : 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
DENI SOBALI	AIRFRAME & POWER PLANT	9632/SCA20		12/APRIL/2023
/	EIRA	/	/	

THE NEXT DUE TYPE OF INSPECTION : 400 HRS.




DUE AT : 400 HOURS

Form: SCA/MTC/049



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

WO Ref: WO/008-SNT/III/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	12/ APRIL -23		DENIS	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	12/ APRIL -23		DENIS	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	12/ APRIL 23		DENIS	

Appendix B - Form: SCA/MTC/050

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
25 MARCH 23	WO/008-SNT/III/2023	100 Hours	12 APRIL 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	292:08/314		
	#2	-			
Propeller/Rotor	#1	211046	292:08/314		
	#2	-			
Landing Gear	NLG		292:08/314		
	LH MLG		292:08/314		
	RH MLG		292:08/314		
<b>PACKAGE COVERED</b>					
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			
<b>INSPECTION CARD (IC) LIST (Finding during maintenance)</b>					
No	Taskcard Ref	Subject	Status		Name/ Sign & Stamp
			Open	Close	
<u>IC-001</u>					/
<u>IC-002</u>					
<u>IC-003</u>					
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					

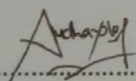
<u>IC-007</u>				
<u>IC-008</u>				
<u>IC-009</u>				
<u>IC-010</u>				
<u>IC-011</u>				
<u>IC-012</u>				
<u>IC-013</u>				
<u>IC-014</u>				
<u>IC-015</u>				

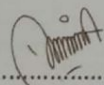
Prepared by :  
Technical Support

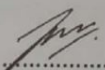
Checked by :  
Chief Maintenance


Verified by :  
Chief Inspector

Approved by :  
Technical Manager

  
.....  
Dwi M.

  
.....  
Dodit

  
.....  
Yanuar

  
.....  
Istiono



# MAINTENANCE PROGRAM CESSNA 208/208B

## Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNT

WO/FML No. : WO/008-SNT/111/2023

PRE – INSPECTION	
Location	PKY
Date	12 APRIL 23
Cycle	1
Filed Barometric	1010
OAT	30
Altitude	20

POST – INSPECTION	
Location	PKY
Date	12 APRIL 23
Cycle	1
Filed Barometric	1014
OAT	55
Altitude	100

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1860
ITT	841 °C	796 °C
Ng	102.7 %	100.5 %
Wf	578	521
Oil Press		92 °C
Oil Temp		69 °C
Start Temp		589 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1860
ITT	841 °C	795 °C
Ng	102.6 %	100.0 %
Wf	565	564
Oil Press		92 °C
Oil Temp		70 °C
Start Temp	63	600 °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"/>
<b>NOTE:</b>													
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.			6. High idle at 64 - 66% Ng 40Amps				
2. Inertial Separator at Torque 400 ft-lbs.			4. Standby Alt at 80% Ng.										

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
DENI SOBAY		12 / APRIL 23	PKY



**EMERGENCY EQUIPMENT  
LIST  
INSPECTION & MONITOR**

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

DATE : 12 APRIL 2023

A/C REG : PK-SNT

A/C TYPE : C208B Ex

CHECKER : DENIS

SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO1074-201	2208147009	22 DEC 2023	GOOD
2	Co-Pilot Life Vest	PO1074-201	22081470021	22 DEC 2023	GOOD
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	FL 220-FAR FAA	0622 - 2736	DEC 2023	GOOD
14	Crash Axe Installed	-	-	-	GOOD
15	Fire Extinguisher	C 352	108484419	DEC 2023	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	SUR-5005.00	-	JUNY 2023	GOOD
<b>OTHERS</b>					
18	FLASH LIGHT	-	-	O/C	GOOD







Aircraft Registration: **PK-SNT**

WO# Nr: **WO/008-SNT/III/2023**

Parts Used Sheet

**Special Tool Used**

No.	Description	Due Date	Engineer
	TORQUE WRENCH	1 SEPT 2024	DENI
	OIL PULLER	-	DENI
	DIGITAL PRESSURE GAUGE	3 APRIL 2025	DENI

DATE: 12 APRIL 2023 A/C REG: PK-SNT MSN: C208B-5707 TYPE: C208B-EX PAGE: SNT-230412-006

CREWS		
CAPT :	/	
COPILOT :	/	
EOB :	/	
	PREFLIGHT	DAILY
TIME :	/	
STATION :	/	
LIC. NO. :	/	
Sign & Stamp :	/	

I hereby certify that the aircraft has been maintained in accordance with applicable manuals & CASR, and determined to be in airworthy condition and safe for flight

Check In :		Check Out :		Duty Time :											
ROUTE	BLOCK				T/O	LDG	FLT		LDG/ CYCLE	FUEL			RECEIPT NO	ADDED	
	FROM	TO	OFF	ON			HRS	MIN		HRS	MIN	REM		UPLIFT	TOTAL
MAINTENANCE ENTRY															
TTL BLOCK TIME:						TTL FLT TIME & LDG:									

	AIRCRAFT TIME						APU			
	A/F Total Hrs	Landing	Eng. #1 Hrs	Eng. #1 Cyc	Prop. #1 Hrs	Eng. #2 Hrs	Eng. #2 Cyc	Prop. #2 Hrs	Hours	Cycles
Brought Fwd	292:08	314	292:08	314	292:08					
This Page										
Total	292:08	314	292:08	314	292:08					
Metric										

ECTM Manual Entry (If required)	
Time :	/
Altitude :	/
IAS :	/
TQ/ EPR :	/
ITT/EGT :	/
NG/N2 :	/
NP/N1 :	/
F/F :	/
Oil Temp. :	/
Oil Press :	/
OAT :	/
Last Compressor Wash C/O	
Date :	12 APRIL 23
PERIODIC INSPECTION	
Last Insp C/O at :	292:08
Type of Insp :	100:00
Next Inspection	
Type Insp. :	400:00
Due at :	400:00

No	DISCREPANCIES (write NIL or A/C OK if No Defect)	No	CORRECTIVE ACTION	Sign, Stamp & Date
1	100 HRS INSP DUE		PERFORMED 100 HRS INSP	
			REF TO - MIP PT. SMART CARRAWALA	
			AVIATION MIP C208B ISSUED 01	
			AND CMM PG-140 REV. 16 DETAIL INSP	
			REF TO WO 1008-SNT / 111 / 2023	12 APRIL 23

No	COMPONENT CHANGE (Description)	POS	P/N On:	P/N Off:	S/N On:	S/N Off:	LIC NO. & SIGN
	WO 1008-SNT / 111 / 2023	.	-	-	-	-	9632 / 12