



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Engine Inspection	No.	WO/013-SNT/VI/2023
	Date	26 Jun 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 : - NIL -		
Compliance Statement CARPIED OUT	Sign & Date 01-JUL-2023 Company Lic. No.: SCA11 (Engineer In Charge)	Signature (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
26 Jun 2023	WO/013-SNT/VI/2023	100 Hours	01 July 2023		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5707	PK-SNT		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0838	999:26 / 562		
	#2	-			
Propeller/Rotor	#1	211046	999:26 / 562		
	#2	-			
Landing Gear	NLG		999:26 / 562		
	LH MLG		999:26 / 562		
	RH MLG		999:26 / 562		
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	
<u>IC-001</u>					
<u>IC-002</u>					
<u>IC-003</u>					
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					

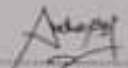
<u>IC-007</u>				
<u>IC-008</u>				
<u>IC-009</u>				
<u>IC-010</u>				
<u>IC-011</u>				
<u>IC-012</u>				
<u>IC-013</u>				
<u>IC-014</u>				
<u>IC-015</u>				

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


Dwi M.


Dodit


Yanuar


Istiono



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

WO Ref: WO/013-SNT/VI/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	01/06-23		NINDO	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	01/06-23		NINDO	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	01/06-23		NINDO	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B

TTSN : 494 : 26

A/C REG : PK-SNT

TCSN : 562

MSN : C208B-5707

DATE : 01 JULY 2023

TYPE OF INSPECTION : 100 Hours Engine Inspection

DUE AT : 500 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
ROTHPINUNDO.N.S.P	AIRFRAME & POWER PLANT	934/SCA11		01/06-2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS INSPECTION.

DUE AT : 600 HOURS

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK-SNT

WO/FML No. : WO/013-SNT/VI/2023

PRE – INSPECTION	
Location	MALINAU
Date	01-07-2023
Cycle	
Filed Barometric	1011
OAT	35°
Altitude	20 ft

POST – INSPECTION	
Location	MALINAU
Date	01-07-2023
Cycle	
Filed Barometric	1008
OAT	35
Altitude	30

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1870
ITT	841 °C	807 °C
Ng	102.6 %	100.8 %
Wf	565	519
Oil Press		96 °C
Oil Temp		79 °C
Start Temp		651 °C

POST- INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1870
ITT	841 °C	802 °C
Ng	102.6 %	100.6 %
Wf	565	514
Oil Press		89 °C
Oil Temp		78 °C
Start Temp		620 °C

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

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:

NIL

PERFORMED BY

Name	Sign & Stamp	Date	Location
RATIPININGBO		01/07/2023	LNU

Issued: 01
SCA/TEK/1-001
15 December 2022

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EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 01 July 2023	A/C REG : PK-SNT
A/C TYPE : C208B	CHECKER : RHP/INDU SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	p01079-201	2208147009	22 DEC 2023	GOOD
2	Co-Pilot Life Vest	p01079-201	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	FL220-FAK FAK	0622-2736	DEC 2023	GOOD
14	Crash Axe Installed	LOCAL		%	GOOD
15	Fire Extinguisher	C352	108484419	DEC 2023	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	SUR-5005-00		July 2023	GOOD
OTHERS					
18	FLASH LIGHT			%	GOOD



Parts Used Sheet

WO# Nr: WO/013-SNT/VI/2023

1

[illegible]

