



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Engine Insp.	No.	WO/042-SNA/V/2023
	Date	29 May 2023
	A/C Reg.	PK-SNA C208B-5634
Reference : MP C208B ISSUED 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hrs Engine @2300Hrs 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 CARRIED OUT	Sign & Date Company Lic. No.: (Engineer In Charge)	Signature (Technical Manager)

AIRCRAFT CHECK WORK SUMMARY

(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
29 May 2023	WO/042-SNA/V/2023	Inspection 100Hrs	04 JUNE 2023	
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5634	PK-SNA	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0730	2297 : 50 / 3495	
	#2	-		
Propeller/Rotor	#1	200483	2297 : 50 / 3495	
	#2	-		
Landing Gear	NLG		2297 : 50 / 3495	
	LH MLG		2297 : 50 / 3495	
	RH MLG		2297 : 50 / 3495	
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card	-		
2	Inspection Card	-		
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 Open Close	Name/ Sign & Stamp
	IC-001			
	IC-002			
	IC-003			
	IC-004			
	IC-005			
	IC-006			

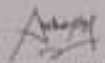
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


Daniel M.


Daniel


Yansen


Daniel



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE : CESSNA 208B

TTSN : 2297:50

A/C REG : PK-SNA

TCSN : 3495

MSN : C208B-5634

DATE : 04 JUNE 2023

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 2300 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
<i>Dev Anum</i>	AIRFRAME & POWER PLANT	267/026	<i>[Signature]</i>	04 JUNE 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 800 Hrs Inspection

DUE AT : 2400 H.

Form: SCA/MTC/049



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

WO Ref: WO/042-SNA/V/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN	03/06/2023		Don Hano	
2	APPENDIX D08	PT6A-140 ENGINE 100 HOURS INSPECTION	04/06/2023		Don Hano	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	04/06/2023		Don Hano	

Reg. Mark : PK - SNA

WO/FML No. : W0/042-SNA/V/2023

PRE – INSPECTION	
Location	<u>MKG</u>
Date	<u>3 JUNE 2023</u>
Cycle	
Filed Barometric	<u>1010 1010</u>
OAT	<u>31°</u>
Altitude	<u>20 ft.</u>

POST – INSPECTION	
Location	<u>MKG</u>
Date	<u>4 JUNE 2023</u>
Cycle	
Filed Barometric	<u>1010</u>
OAT	<u>33°</u>
Altitude	<u>20 ft.</u>

PRE – INSPECTION		
	Target	Actual
Tq	<u>2397</u>	<u>2397</u>
Np	<u>1900</u>	<u>1880</u>
ITT	<u>841 °C</u>	<u>810 °C</u>
Ng	<u>102.7%</u>	<u>100.6%</u>
Wf	<u>578</u>	<u>534</u>
Oil Press		<u>91 PSI</u>
Oil Temp		<u>69 °C</u>
Start Temp		<u>725 °C</u>

POST – INSPECTION		
	Target	Actual
Tq	<u>2397</u>	<u>2397</u>
Np	<u>1900</u>	<u>1880</u>
ITT	<u>841 °C</u>	<u>824 °C</u>
Ng	<u>102.7%</u>	<u>100.7%</u>
Wf	<u>578</u>	<u>539</u>
Oil Press		<u>91 PSI</u>
Oil Temp		<u>68 °C</u>
Start Temp		<u>712 °C</u>

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:

- Make sure that inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
- This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
- Max fuel flow is 580 lb/hr fuel flow is not more than 15 lbs/hr higher than the value shown in table.
- If parameters are outside the target performance table to EMM chapter 71-00-00.

REMARKS:

NG LOW IDLE 56.5%
 HIGH IDLE 69.8%
 TARGET ACHIEVED, SATISFIED.

PERFORMED BY

Name	Signature	Date	Location
<u>Rene</u>	<u>[Signature]</u>	<u>04 JUNE 2023</u>	<u>MKG</u>



Additional Work Sheet
100 Hrs Insp.

Tools Used Sheet

WO# Nr: WO/042-SNA/V/2023

Special Tool Used

Engineer

Due Date

Description

No.

Aircraft Registration: PK-SNA



Parts Used Sheet

Aircraft Registration: PK-SNA

 Dipindai dengan CamScanner



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 09 JUNE 2023	A/C REG : PK-SNA
A/C TYPE : C208B	CHECKER : <i>[Signature]</i> SIGN: <i>[Signature]</i>

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-101	21031090020	MARCH 2020	Good
2	Co-Pilot Life Vest	P01202-201	21031090008	MARCH 2020	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	02211893	FEB 2024	Good
14	Crash Axe Installed	-	-	O/C	Good
15	Fire Extinguisher	C352	G 40531481	JULY 2024	Good
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18.	Flash Light	-	-	O/C	Good