



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 2100 Hours.	No.	WO/039-SNW/VIII/2022
	Date	6 August 2022
	A/C Reg.	PK-SNW C208B-5579
Reference : MP C208B Rev. 12	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 100 Hours Due at 2100 Hours.
2. Make an entry in Maintenance Log.
3. Return the Completed Work Order and Form to PPC.

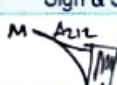
#If any finding, please close the routine card, and transferred to inspection card.

Additional Work :

NIL

Compliance Statement 100 HRS INSP c/o	Sign & Date Company Lic. No.: (Engineer In Charge) 12-AUG-2022	Signature (Technical Manager)
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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
6 August 2022	WO/039-SNW/VIII/2022	Inspection 100 Hours	12 Aug- 2022		
A/C Type	Mfg. Serial Number	A/C Registration			
C208B	C208B-5579	PK-SNW			
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0651	2090:40 / 3384		
	#2	-			
Propeller/Rotor	#1	190815	2090:40 / 3384		
	#2	-			
Landing Gear	NLG		2090:40 / 3384		
	LH MLG		2090:40 / 3384		
	RH MLG		2090:40 / 3384		
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>		LH AND RH IGNITER WORN OUT		✓	M. Aziz ADIEA 
<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



Hani

Checked by :
Chief Maintenance



Dodit

Verified by :
Chief Inspector



Yanuar

Approved by :
Technical Manager



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

WO Ref: WO/039-SNW/VIII/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	12/08/22	0.4 HRS	A212	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	12/08/22	2.2 HRS	A212	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	14/08/22	0.3 HRS	A212	
4	APPENDIX C01	NAVDATABASE UPDATE	12/08/22	0.4 HRS	A212	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B	TTSN : 2090:40
A/C REG : PK-SNW	TCSN : 3384
MSN : C208B-5579	DATE : 12 - Aug - 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS
 DUE AT : 2100 HOURS
 REFF : MP 208/208B REV. 12

EXCEPTION

- NO EXCEPTION -

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
M. ARI ANDIKA	AIRFRAME & POWER PLANT	9633 / SCA 23	 	12 - Aug - 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HRS INSP
 DUE AT : 2200:00 HRS

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE		
1C 001	WO/039-SNW/VIII/2022	ALIC ANDREA		12- AUG- 2022		
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #			
PF-SNW	C208B EX					
9. ZONE	10. STA	11. MTC TYPE				
	ENGINE 2 THRUFA					
13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20				14 PPC/ENG	15 DATE	
R/H AND L/H IGNITER WORN OUT					12- AUG- 2022	
16. CORRECTIVE ACTION			17 MECH	18 ENG. LIC	19 DATE	
REPLACED R/H AND L/H IGNITER WITH A NEW					12- AUG- 2022	
Performed at A/C TT : 2022-40 A/C TC /LDG : 3384						
20. CORROSION INFORMATION						
LOCATION		CAUSE OF DAMAGE				
		☐ Environment ☐ Internal Leakage ☐ Chemical Spill ☐ LAV/Galley Spill ☐ Blocked Drain ☐ Wet Insulation Blanket ☐ Other				
CORROSION ☐ Isolated ☐ Widespread						
CORROSION LVL ☐ 1 ☐ 2 ☐ 3						
PROPOSED ACTION ☐ Doublers ☐ Others						
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
IGNITER	CH 340SS	2 EA	NSN	NSN	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
GENERAL TOOL	-	-		GOOD		

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNW

WO/FML No. : WO/039-SNW/VIII/2022

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	TIMEA
Date	12. Aug. 2022
Cycle	-
Filed Barometric	29.93
OAT	23°C
Altitude	60 FT

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	2397
Np	1900	1890
ITT	835 °C	823 °C
Ng	102.7 %	99.1 %
Wf	578	532
Oil Press		93 °C
Oil Temp		60 °C
Start Temp		718 °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:

- 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:

POST INSPECTION ENGINE
GROUND RUN FOUND SATISFIED
WITHIN LIMIT

PERFORMED BY

Name	Sign & Stamp	Date	Location
M. Ariz A		12. Aug. 2022	TIMEA



MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK-SNW
MSN : C208B-5579
TSN / CSN : 2090:40 / 1384

Date : 12 AUG - 2022
Station : TIMIKA
WO No. : WO/039-SNW/VIII/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F710001	130	Do a check of the FCU manual override system for static operation. For the engines installed with a manual override system only.		
F710003	130	Do a compressor performance recovery wash		
F720000	130	Do a visual inspection of the Control Linkages and wiring.		
F720001	130	Do a visual inspection of the engine exhaust duct welds.		
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.		
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.		
F720004	130	Do a visual inspection of the rear fireseal mounting ring.		
F722001	130	Do a visual inspection of the air inlet screen.		
F723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion		
F725005	130	Do a detailed inspection of the turbine exhaust duct.		
F731002	130	Do a check for the fuel pump installation and leaks.		
F731003	130	Do a check of the oil-to-fuel heater installation		
F731035	130	Do a visual inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element (CLEANING / REPLACEMENT) P/N OFF: AN 6235-3A P/N ON: AN 6235-3A		

MAINTENANCE PROGRAM **CESSNA C208/C208B**

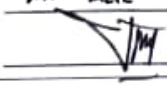
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F731006	130	Do a check of the drain valve for installation and leaks		
		NOTE: There is no need to remove the drain valve if there is no leaks.		
F731007	130	Do a check of the flow divider for installation and leaks.		
F731008	130	Do a visual inspection of the P3 filter and drain valve.		
F731015	130	Do a visual inspection of Fuel Pump outlet filter.		
		(CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</u>		
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.		
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.		
F792000	130	Inspect and clean oil filter for debris.		

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
KRISTIADI . H	MECHANIC		
KADEK A. J	ENGINEER		4685
M. Aziz Andika	ENGINEER		9633

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : M. Aziz Andika Stamp : 
Signature :  Place/Date : Timika / 12-AUG-2022

MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix C01 – OOP34001 / Update Navigation Database

Reg. Mark	: PK - SNW	Date	: 12- AUG - 2022
MSN	: 208B-5579	Station	: TIMIKA
TSN / CSN	: 2090:40 / 3384	WO No.	: WO039-SNW/VIII/2022

NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
01	211 212	Update Navigation Database. = G1000 Line Maintenance Manual, Doc. No. 190-00869-00, Rev. G. • G1000 NXi Supplemental Maintenance Manual, Doc. No. 190-02128-04, Rev. 3		
*** End of Appendix C01 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
M. Azil Andika	ENGINEER		9633

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name	: M. Azil Andika	Stamp	: 
Signature	: 	Place/Date	: TIMIKA / 12- AUG - 2022



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 12- AUG- 2022	A/C REG : PK-SNW
A/C TYPE : C208B	CHECKER : M. Azn ANDIFA SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202 - 201	20080480025	DEC 2029	SERVICEABLE
2	Co-Pilot Life Vest	P01202 - 201	20080480050	DEC 2029	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	FIRST AID KIT	0920 - 1690	SEP 2022	SERVICEABLE
14	Crash Axe Installed	NPN	NPN	%	SERVICEABLE
15	Fire Extinguisher	C352	F75060951	NOV 2022	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	L5K-1-5	479287	NOV-2021	SERVICEABLE
OTHERS					
18	FLASH LIGHT	NPN	NPN	%	SERVICEABLE



Additional Work Sheet

Inspection 100 Hours

WO# Nr: WO/039-SNW/VIII/2022

Parts Used Sheet

Special Tool Used

[illegible]



Aircraft Registration:

PK-SNW

WO# Nr: WO/039-SNW/VIII/2022

Additional Work Sheet

Inspection 100 Hours

Parts Used Sheet

Part Used

[illegible]