



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

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

Compliance Statement	Sign & Date Company Lic. No.: (Engineer In Charge)	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	

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	
	#2	-	
Propeller/Rotor	#1	190815	
	#2	-	
Landing Gear	NLG		
	LH MLG		
	RH MLG		

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		Name/ Sign & Stamp
			Open	Close	
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



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				
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION				
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK				
4	APPENDIX C01	NAVDATABASE UPDATE				



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE	CESSNA 208B	TTSN	:															
A/C REG	PK-SNW	TCSN	:															
MSN	C208B-5579	DATE	:															
TYPE OF INSPECTION : INSPECTION 100 HOURS																		
DUE AT : 2100 HOURS																		
REFF : MP 208/208B REV. 12																		
EXCEPTION																		
<p style="text-align: center;">AUTHORIZED PERSON</p> <p>I hereby certify that this aircraft has been maintained accordance with CASR and Maintenance Program.</p> <p style="text-align: center;">Aircraft safe and airworthy for flight</p> <table border="1"> <thead> <tr> <th>NAME</th> <th>CAT</th> <th>AMEL/OTR NO</th> <th>SIGN&STAMP</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td>AIRFRAME & POWER PLANT</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>EIRA</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE		AIRFRAME & POWER PLANT					EIRA			
NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE														
	AIRFRAME & POWER PLANT																	
	EIRA																	
THE NEXT DUE TYPE OF INSPECTION :																		
DUE AT :																		

	INSPECTION CARD (Form: SCA/MTC/ 048)				TECHNICAL DEPARTMENT		
1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE			
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #				
9. ZONE	10. STA	11. MTC TYPE					
13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20					14 PPC/ENG	15 DATE	
16. CORRECTIVE ACTION					17	18	19
					MECH	ENG. LIC	DATE
Performed at A/C TT : A/C TC /LDG :							
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	
23. TOOLS REQUIRED							
DESCRIPTION		PART NO. / MODEL		NEXT CALIBRATION DATE		STATUS	



MAINTENANCE PROGRAM

CESSNA C208/C208B

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	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

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		
Np		
ITT	°C	°C
Ng	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

Engine Run Up Checks							
Inertial	<input type="checkbox"/>	EPL	<input type="checkbox"/>	OVG	<input type="checkbox"/>	Stby Alt	<input type="checkbox"/>
NOTE:							
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.			
2. Inertial Separator at Torque 400 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
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



MAINTENANCE PROGRAM

CESSNA C208/C208B

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

Reg. Mark	: PK - SNW	Date	:
MSN	: 208B-5579	Station	:
TSN / CSN	:	WO No.	: WO/039-SNW/VIII/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			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: _____ P/N ON: _____			



MAINTENANCE PROGRAM

CESSNA C208/C208B

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

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE	
			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: _____ P/N ON: _____				
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corosions 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.				
*** End of Engine PT6A-140 100 Hours Inspection Items ***						

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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 : _____ Stamp : _____

Signature : _____ Place/Date : _____



MAINTENANCE PROGRAM

CESSNA C208/C208B

Appendix C01 – OOP34001 / Update Navigation Database

Reg. Mark	:	PK - SNW	Date	:	
MSN	:	208B-5579	Station	:	
TSN / CSN	:		WO No.	:	WO039-SNW/VIII/2022

NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
01	211 212	Update Navigation Database. <ul style="list-style-type: none">• 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 PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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 : _____ Stamp : _____
Signature : _____ Place/Date : _____



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE :	A/C REG : PK-SNW
A/C TYPE : C208B	CHECKER : SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest				
2	Co-Pilot Life Vest				
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				
14	Crash Axe Installed				
15	Fire Extinguisher				
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



Additional Work Sheet Inspection 100 Hours

Aircraft Registration: **PK-SNW**

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

Parts Used Sheet

Special Tool Used



Additional Work Sheet Inspection 100 Hours

Aircraft Registration: **PK-SNW**

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

Parts Used Sheet

Part Used