



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject :	No.	WO/074-SNP/IX/2021
Inspection 100 Hours due at 3100 Hours.	Date	26-Jul-2021
	A/C Reg.	PK-SNP C208B-5495
Reference :	Prepared By	TS
MP C208B REV. 9	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 100 Hours due at 3100 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 <i>CAR 100 OUT</i>	Sign & Date Company Lic. No.: 20 OCT 2021 J632 <i>A. Murti</i> (Engineer In Charge)	Signature (Technical Manager)
--	--	----------------------------------



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	CESSNA 208B	TTSN	309 4 :36
A/C REG	PK-SNP	TCSN	5257
MSN	C208B-5495	DATE	20 OCT 21

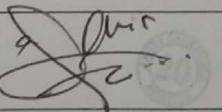
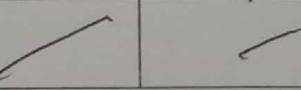
TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 3100 HOURS
REF : MP C208B REV.9

EXCEPTION

— NTL —

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 SOBAU	AIRFRAME & POWER PLANT	9632 SCA 20		20/10/21
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 1600 Hrs.

DUE AT : 3200:00

Form: SCA/MTC/049

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
23-Sep-2021	WO/074-SNP/IX/2021	Inspection 100 Hours	20 OCT 2021		
A/C Type C208B		Mfg. Serial Number C208B-5495	A/C Registration PK-SNP		
AIRCRAFT DATA					
Subject Engine	Pos # #1	Serial Number (SN) PCE-VA0546 VA 0723	TTSN/TCSN 13:34 / 22		
	#2	-			
Subject Propeller/Rotor	#1	180972 181158	50:29		
	#2	-			
Subject Landing Gear	NLG		3094:36 / 5257		
	LH MLG		3094:36 / 5257		
	RH MLG				
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	
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



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 MECH	18 ENG. LIC	19 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		



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

WO Ref: WO/074-SNP/IX/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	20/04/24		DENI SOMA	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	20/ 04/24		DENI SOMA	
3	SCAMTC0 23	EMERGENCY EQUIPMENT CHECK	20/04/24		DENI SOMA	



MAINTENANCE PROGRAM

CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNP

WO/FML No. : WO/061-SNP/IV/2021

PRE – INSPECTION	
Location	TRK
Date	20 OCT 21
Cycle	1
Filed Barometric	1012
OAT	32
Altitude	20

POST – INSPECTION	
Location	TRK
Date	20 OCT 21
Cycle	1
Filed Barometric	1010
OAT	33
Altitude	20

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	820 °C
Ng	102.7 %	101.5 %
Wf	578	540
Oil Press		93 °C
Oil Temp		85 °C
Start Temp		670 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	820 °C
Ng	102.7 %	101.5 %
Wf	578	535
Oil Press		93 °C
Oil Temp		85 °C
Start Temp		653 °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

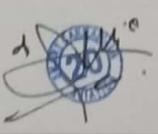
Engine Performance Target Table (Cessna C208B EX)

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	845	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
DEN/soBAC		20 OCT	TRK



MAINTENANCE PROGRAM
CESSNA C208/C208B

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

Reg. Mark	: PK - SNP	Date	: 20 OCT 21
MSN	: 208B-5495	Station	: TARAKAN
TSN / CSN	: 3094:36/5257	WO No.	: WO/061-SNP/IV/2021

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: AN6235-3A P/N ON: AN 6235-34		



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		
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>AN6235-3A</u> P/N ON: <u>AN6235-3A</u>		
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 PRINCIPAL IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
DENI SOBALI BASRI	ENGINEER MEKANIK		9632

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 considered fit for Release to Service.

Name : DENI SOBALI Stamp : _____
Signature : Place/Date : TRK / 20 Oct 2021



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE : 20 OCT 21	A/C REG : PK-SNP
A/C TYPE : C208 B EX	CHECKER : <i>[Signature]</i> SIGN: DENI S

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	LIFE VEST	17060500064	JUNE 2022	S
2	Co-Pilot Life Vest	LIFE VEST	17071100037	AUG 2022	S
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		SCA -003	JAN 2022	S
14	Crash Axe Installed	-	-	-	Good
15	Fire Extinguisher		49185963	20 FEB 2022	S
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	-	-	-	Good



Additional Work Sheet

Inspection 100 Hours

Aircraft Registration: **PK-SNP**

WO# Nr: **WO/074-SNP/IX/2021**

Parts Used Sheet

Part 5000					
Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer
20 OCT 2021	AN 6235-34	-	FILTER	2	DENI
20 OCT 2021	3010880	-	GASKET	1	DENI
20 OCT 2021	ST 6202-014	-	O-RING	1	DENI
20 OCT 2021	ST 6202-015	-	O-RING	1	DENI
20 OCT 2021	ST 6202-121	-	O-RING	1	DENI
20 OCT 2021	MS 9385-09	-	O-RING	1	DENI
20 OCT 2021	ST 6202-224	-	O-RING	1	DENI
20 OCT 2021	ST 6202-143	-	O-RING	1	DENI
20 OCT 2021	ST 6202-120	-	O-RING	1	DENI
20 OCT 2021	M 25988-1-212	-	O-RING	1	DENI
20 OCT 2021	M 25988-1-916	-	O-RING	1	DENI
20 OCT 2021	M 83485-1-212	-	O-RING	1	DENI
20 OCT 2021	M 83485-1-135	-	O-RING	1	DENI
20 OCT 2021	M 83485-1-504	-	O-RING	1	DENI



Aircraft Registration: **PK-SNP**

WO# Nr: WO/074-SNP/IX/2021



Additional Work Sheet

Inspection 100 Hours

Parts Used Sheet

Special Tool Used



AIRCRAFT FLIGHT MAINTENANCE LOG

DATE: 20 OCT 21

A/C REG: SWP

MSN: C208 B 5495

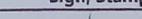
TYPE: C208B EX

PAGE : 1

CREWS		
CAPT :		
COPIL :		
EOB :		
	PREFLIGHT	DAILY
TIME		
STATION		
LIC NO		
Sign & Stamp		

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

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	3094:36	5255	13:34	22	50:29					
This Page	-	-	-	-	-					
Total	3094:36	5257	13:34	22	50:29					
Metric	3094.6		13.5		50.4					

No	DISCREPANCIES (Write NIL or A/C OK if Not Defect)	No	CORRECTIVE ACTION	Sign, Stamp & Date
1	AIRCRAFT DUE FOR 100 HRS 108PC	1	CARRIED OUT 100 HRS INSPECTION	
	Capt. Signature 		1ACU PISMART CARRAWALA AVIATION	
			C208 MP REV 9 AND WO 1074-SNP/1X/2021	20 OCT 21
			ALL TASK PERFORMED REF TO C208 AIMM AND PT6A-140 LATER REVITION.	

No	COMPONENT CHANGE (Description)	POS	P/N On	P/N Off	S/N On	S/N Off	LIC NO. & SIGN
	PART USED WO/074-SNP/IX/2021						9632 <i>✓</i>

Appendix B-Form : SCA/MTC/013

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	20 Oct 21
PERIODIC INSPECTION	
Last Insp C/O at	3094 : 36
Type Of Insp	100
Next Inspection	
Type Insp	1600
Due at	3200 : 00