



PT. SMART CAKRAWALA AVIATION

## WORK ORDER

Form: SCA/MTC/030




Subject : Inspection 100 Hours due at 3700 Hours.	No.	WO/095-SNP/V/2022
	Date	31 May 2022
	A/C Reg.	PK-SNP C208B-5495
Reference : MP C208B REV. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		

### Description :

1. Perform Inspection 100 Hours due at 3700 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  100 HRS INSPECTION C/O	Sign & Date Company Lic. No.:   (Engineer In Charge)  08-JUNE-2022 	Signature   (Technical Manager)
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**AIRCRAFT CHECK WORK SUMMARY**  
(Form: SCA/MTC/051)


DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
31 May 2022	WO/095-SNPV/2022	Inspection 100 Hours	08 - June - 2022		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5495	PK-SNP		
<b>AIRCRAFT DATA</b>					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0546	616:55 / 759		
	#2	-			
Propeller/Rotor	#1	180972	659:46		
	#2	-			
Landing Gear	NLG		3696:14 / 6226		
	LH MLG		3696:14 / 6226		
	RH MLG		3696:14 / 6226		
<b>PACKAGE COVERED</b>					
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	✓		
<b>INSPECTION CARD (IC) LIST (Finding during maintenance)</b>					
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





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

WO Ref: WO/095-SNP/V/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	08/06/22	0.6 HRS	Aze	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	08/06/22	2.8 HRS	Aze	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	08/06/22	0.3 HRS	Aze	



PT. SMART CAKRAWALA AVIATION

## CERTIFICATE RETURN TO SERVICE

### SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B	TTSN : 3694:71
A/C REG : PK-SNP	TCSN : 6236
MSN : C208B-5495	DATE : 08-JUN-2022


TYPE OF INSPECTION : INSPECTION 100 HOURS  
 DUE AT : 3700 HOURS  
 REFF : MP C208B REV.10

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
	AIRFRAME & POWERPLANT	9633 / SCA 22		08-JUNE-2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HRS INSPECTION

DUE AT : 3800 HRS

Form: SCA/MTC/049

		<b>INSPECTION CARD</b> <b>(Form: SCA/MTC/ 048)</b>			<b>TECHNICAL DEPARTMENT</b>	
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 <input type="checkbox"/> Chemical Spill <input type="checkbox"/> LAV/Galley Spill <input type="checkbox"/> Blocked Drain <input type="checkbox"/> Wet Insulation Blanket <input type="checkbox"/> Other				
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread						
CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3						
PROPOSED ACTION <input type="checkbox"/> Doublers <input type="checkbox"/> 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
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 - SNP

WO/FML No. : WO/095-SNP/V/2022

PRE – INSPECTION	
Location	MALINAU
Date	08-JUN-2022
Cycle	-
Filed Barometric	1009 HPA
OAT	36 °C
Altitude	20 FT

POST – INSPECTION	
Location	MALINAU
Date	08-JUN-2022
Cycle	-
Filed Barometric	1009 HPA
OAT	28 °C
Altitude	80 FT

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	842 °C	832 °C
Ng	102.6 %	101.3 %
Wf	565	557
Oil Press		93 °C
Oil Temp		70 °C
Start Temp		710 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	837 °C	831 °C
Ng	102.7 %	101.2 %
Wf	578	542
Oil Press		93 °C
Oil Temp		69 °C
Start Temp		610 °C

Engine Run Up Checks						
Inertial <input checked="" type="checkbox"/>	EPL <input checked="" type="checkbox"/>	OVG <input checked="" type="checkbox"/>	Stby Alt <input checked="" type="checkbox"/>	BOV <input checked="" type="checkbox"/>	Brake <input checked="" type="checkbox"/>	Random <input checked="" type="checkbox"/>
<b>NOTE:</b>						
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
M. Azil Andika		08-JUN-2022	MALINAU








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

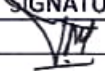
Reg. Mark	: PK - SNP	Date	: 08 - JUNE - 2022
MSN	: 208B-5495	Station	: MALINAM
TSN / CSN	: 3694: V / 6234	WO No.	: WO/095-SNP/V/2022

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		




### 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. <b>(CLEANING / REPLACEMENT)</b> 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. <b>Note:</b> 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.		
*** End of Engine PT6A-140 100 Hours Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
M. Azz 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. Azz Andika Stamp : \_\_\_\_\_  
 Signature :  Place/Date : Malinau / 08-JUNE-2022



# EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 08 - JUNE - 2022	A/C REG : PK-SNP
A/C TYPE : C208B EX	CHECKER : <i>Ari2 ANDIKA</i> SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101 W	170605000 64	JUNE-2022	SERVICEABLE
2	Co-Pilot Life Vest	P01074-101 W	170711 000 37	AUG - 2022	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	First Aid Kit	NPN	SCA-003	JAN - 2023	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	o/c	SERVICEABLE
15	Fire Extinguisher	C352	49185963	20-FEB-2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	NPN	NSN	o/c	SERVICEABLE



Aircraft Registration: PK-SNP



WO# Nr: WO/095-SNP/V/2022

## Additional Work Sheet

### Inspection 100 Hours

## Parts Used Sheet

### Special Tool Used

[illegible]

**Engineer**

Ans



### Additional Work Sheet

#### Inspection 100 Hours

Aircraft Registration: PK-SNP

WO# Nr: WO/095-SNP/V/2022

## Parts Used Sheet

## Part Used

[illegible]