



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject :	No.	WO/095-SNP/V/2022
Inspection 100 Hours due at 3700 Hours.	Date	31 May 2022
	A/C Reg.	PK-SNP C208B-5495
Reference :	Prepared By	TS
MP C208B REV. 10	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	Sign & Date Company Lic. No.:	Signature
100 HIC INSPECTION %	 08-JUNE-2022	 (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
31 May 2022	WO/095-SNP/V/2022	Inspection 100 Hours	08 - JUNE - 2022
A/C Type		Mfg. Serial Number	A/C Registration
C208B		C208B-5495	PK-SNP
AIRCRAFT DATA			
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

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








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	Azu	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	08/06/22	2.8 HRS	Azu	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	08/06/22	0.3 HRS	Azu	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	- TTSN	: 3696:14
A/C REG	: PK-SNP	TCSN	: 6226
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

	INSPECTION CARD (Form: SCA/MTC/ 048)				TECHNICAL DEPARTMENT		
1. CARD #	2. JOMO #	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		



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	MALIMAU
Date	08- JUN- 2022
Cycle	-
Filed Barometric	1009 HPA
OAT	36 °C
Altitude	20 FT

POST – INSPECTION	
Location	MALIMAU
Date	08- JUN- 2022
Cycle	-
Filed Barometric	1009 HPA
OAT	36 °C
Altitude	20 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							
<u>Inertial</u> <input checked="" type="checkbox"/>	<u>EPL</u> <input checked="" type="checkbox"/>	<u>OVG</u> <input checked="" type="checkbox"/>	<u>Stby Alt</u> <input checked="" type="checkbox"/>	<u>BOV</u> <input checked="" type="checkbox"/>	<u>Brake</u> <input checked="" type="checkbox"/>	<u>Random</u> <input checked="" type="checkbox"/>	
<u>NOTE:</u>							
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. Aziz Amrika		08-JUN-2022	MALIMAU



MAINTENANCE PROGRAM
CESSNA C208/C208B

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

Reg. Mark	: PK - SNP	Date	: 08 - JUNE - 2022
MSN	: 208B-5495	Station	: MALINAM
TSN / CSN	: 3696:11 / 6235	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 <u>(CLEANING/ REPLACEMENT)</u> P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</u>		



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>ANG 6235 - 3A</u> P/N ON: <u>ANG 6235 - 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 PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
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 : 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 : A212 ANDIKA SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101 W	12060500064	JUNE - 2022	SERVICEABLE
2	Co-Pilot Life Vest	P01074-101 W	12071100037	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	Firt Aid Kit	NPN	SCA-003	JAN - 2023	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	%	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	%	SERVICEABLE



Aircraft Registration: PK-SNP



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

Additional Work Sheet Inspection 100 Hours

Parts Used Sheet

Special Tool Used



**Additional Work Sheet
Inspection 100 Hours**

Aircraft Registration: PK-SNP

PK-SNP

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

Parts Used Sheet