



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 200Hrs A/F, 600Hrs Eng. & Add. Task	No.	WO/047-SNV/VII/2023
	Date	10 Jul 2023
	A/C Reg.	PK-SNV C208B-5551
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 200Hrs A/F, 600Hrs Eng. & Add. Task 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 : 1. RH SHIM BRAKE WORN OUT.		
Compliance Statement CARRIED OUT 200 HRS A/F, 600 HRS ENG AND ADD TASK.	Sign & Date Company Lic. No.:   16 JULY 2023 (Engineer In Charge)	Signature  (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
10 Jul 2023	WO/047-SNV/VII/2023	Inspection 200Hrs A/F, 600Hrs Eng.&Add.Task.	16 JULY 2023		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5551	PK-SNV		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0607	3799 : 40 / 6125		
	#2	-			
Propeller/Rotor	#1	181160	195 : 59		
	#2	-			
Landing Gear	NLG		3799 : 40 / 6125		
	LH MLG		3799 : 40 / 6125		
	RH MLG		3799 : 40 / 6125		
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	FOUND DURING MAINTENANCE	RH SKIM BRAKE WORN OUT		✓	M.S. ANAM 
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/047-SNV/VII/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX D08	PT6A-ENGINE GROUND RUN	16 JULY 2023		M.S. ABUAM	
2	APPENDIX C03	200 HRS/12 MTHS INSPECTION	15 JULY 2023		M.S. ABUAM	
3	APPENDIX D12	PT6A-140 600 HRS ENGINE	16 JULY 2023		M.S. ABUAM	
4	APPENDIX D10	PT6A-140 200 HRS/6 MTHS ENGINE	15 JULY 2023		M.S. ABUAM	
5	APPENDIX D09	PT6A-140 200 HRS ENGINE	15 JULY 2023		M.S. ABUAM	
6	APPENDIX D08	PT6A-140 100 HRS ENGINE	16 JULY 2023		M.S. ABUAM	
7	SCA/MTC/023	EMERGENCY EQUIPMENT LIST	16 JULY 2023		M.S. ABUAM	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B	TTSN : 3799 : 40
A/C REG : PK-SNV	TCSN : 6125
MSN : C208B-5551	DATE : 16 JULY 2023

TYPE OF INSPECTION : INSPECTION 200HRS A/F, 600HRS ENG.& ADD.TASK INSP.

DUE AT : 3800 HOURS

REFF : MP 208/208B ISSUED 01

EXCEPTION

NIL

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
MUHAMMAD SYAROFIL ANAM	AIRFRAME & POWER PLANT	15521 / SCA 038	 	16 JULY 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100

DUE AT : 3900 : 00

Form: SCA/MTC/049



INSPECTION CARD

(Form: SCA/MTC/048)

TECHNICAL
DEPARTMENT

1. CARD # IC - 001	2. JO/WO # WO/047-SNU/VII/2023	3. ORIGINATOR	4. CARD REF FOUND DURING MAINTENANCE	5. DATE 16 JULY 2023
6. A/C REG/MSN PK-SNU/5551	7. A/C TYPE C208B-EX	8. TRADE AIRFRAME	12. VENDOR ORDER #	
9. ZONE MAIN LANDING GEAR	10. STA MERAUKE	11. MTC TYPE REPLACEMENT		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCC INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
FOUND RH BRAKE SKIM IS WORN OUT.	<i>[Signature]</i>	16 JULY 2023

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
REPLACED RH BRAKE SKIM WITH A NEW. REF. C208B AMM CHAPTER 32-40-00 Performed at A/C TT : 3799 : 40 A/C TC/LDG : 6125	<i>[Signature]</i>	<i>[Signature]</i> 15521	16 JULY 2023
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
SKIM	068-02800	1	N5N	N5N	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
GENERAL TOOLS	-	-	SERVICEABLE			
TORQUE WRENCH	00150 / MTC 005	1 JANUARY 2025	SERVICEABLE			



MAINTENANCE PROGRAM **CESSNA 208/208B**

Appendix C03 – 200 Hours/12 Months Inspection

Reg. Mark : PK- SNV
MSN : 2688-5551
TSN / CSN : 3799-40 / 605

Date : 16 JULY 2023
Station : MEERAVEE
WO No. : WO/049-SNV/VII/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
A110001	ALL	Interior and Exterior Placard and Decal Detailed Inspection Task 11-00-00-220	As	
D121001	121	Brake System Servicing Task 12-10-01-610	As	
D121003	710	Shimmy Damper Servicing Task 12-10-01-611	As	
C122101	700	Landing Gear Lubrication Task 12-21-03-640	As	
C122103	110	Hartzell Propeller Lubrication Task 12-21-04-640	N/A	N/A
B236001	343 375 376 571 671	Static Discharge System Functional Check Task 23-60-00-720	As	
B243401	122	Marathon Ni-Cad Battery Functional Check (CapCheck) Task 24-34-00-720	N/A	N/A
A255101	251 252 255 256 257 258	Cargo Nets Detailed Inspection Task 25-51-00-220	As	
C270001	215 216 226 373 374 503 525 603 625	Flight Controls Lubrication Task 27-00-00-640	As	
B273101	211 212 503	Stall Warning System Operational Check Task 27-31-00-710	As	
C275001	525 527 625 627	Flap Tracks and Rollers Lubrication Task 27-50-00-640	As	
B281001	575 675	Fuel Vent Line Float Valve Operational Check Task 28-10-03-710	As	
A281001	521 621	Fuel Filler Assembly Detailed Inspection Task 28-10-01-220	As	

Appendix C03 – 200 Hours/12 Months Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
B301003	122 AUX	Bleed Air Pressure Regulator Functional Check (without TKS and not incorporating CAB93-2) Task 30-10-00-720	<i>As</i> 	
B322001	710	Shimmy Damper Functional Check Task 32-20-02-720	<i>As</i> 	
B341101	AUX	Pitot Tube Heaters Operational Check Task 34-11-00-710	<i>As</i> 	
A353001	256	Oxygen Mask Detailed Inspection Task 35-30-00-220	<i>As</i> 	
B761003	AUX	Emergency Power Lever Annunciator Light (EPL) Operational Check Task 76-10-01-710	<i>As</i> 	
*** End of Inspection 200 Hours/12 Months Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
MUHAMMAD SYAROFUL ANAM	ENGINEER	<i>As</i>	ISS21 / SCA 038
ALFMAN TOH H.	MECHANIC	<i>As</i>	

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 : MUHAMMAD SYAROFUL ANAM Place/Date : MERAKU / 16 JULY 2023
 Sign & Stamp : *As* 

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK - SNV
 MSN : 208B - 5551
 TSN / CSN : 3999 - 90 / 6125

Date : 16 JUL 2023
 Station : NERAUKE
 WO No. : 00/043-SNV/VII/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII 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		



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

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 : MUHAMMAD SYARIFIL ANAM Place/Date : MERAKE / 16 JULY 2023
Sign & Stamp : 

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
F731035	130	Do a visual inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element (CLEANING / REPLACEMENT) P/N OFF: <u>AM6235 - 3A</u> P/N ON: <u>AM6235 - 3A</u>		
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>AM6235 - 3A</u> P/N ON: <u>AM6235 - 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.		
*** End of Engine PT6A-140 100 Hours/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
MUHAMMAD SYAROFIL ANAM	ENGINEER		15521

MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D09 – Engine PT6A-140 200 Hours Inspection

Reg. Mark : PK - SNV Date : 16 JULY 2023
MSN : C2688 - 5551 Station : MERAUKE
TSN / CSN : 3799: 40 / 6125 WO No. : WO/047-SN/11/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F793001	130	Do a visual inspection of the chip detector for debris.			16 JULY 2023
*** End of Engine PT6A-140 200 Hours Inspection Items ***					

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
MUHAMMAD SYARIFIL AQAM	ENGINEER		15521 / SCA 038
ARMAN TDM H.	MECHANIC		

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 : MUHAMMAD SYARIFIL AQAM Place/Date : MERAUKE / 16 JULY 2023
Sign & Stamp :  

Appendix D10 – Engine PT6A-140 200 Hours or 6 Months Inspection

Reg. Mark	: PK - SNV	Date	: 16 JULY 2023
MSN	: 208B - 5551	Station	: MERAUKE
TSN / CSN	: 3700 - 40 / 6125	WO No.	: WO/047-SNV/VII/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
F793000	130	Do a visual inspection of the AGB internal scavenge oil pump inlet screen	 	
*** End of Engine PT6A- 140 200 Hours or 6 Months Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
MUHAMMAD SYAROFIL ARMAN	ENGINEER		15521 / SCA 098
Anggan H.	MECHANIC		

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 : MUHAMMAD SYAROFIL ARMAN Place/Date : MERAUKE / 16 JULY 2023

Sign & Stamp : 


Appendix D12 – Engine PT6A-140 600 Hours Inspection

Reg. Mark : PK - SNV Date : 16 JULY 2023

MSN : 5551 Station : MERAUKE

TSN / CSN : 3793: 40 / 6125 WO No. : WO/D47-SNV/VU/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F731005		Do a visual inspection of the fuel pump inlet screen.	As	
		NOTE: On new aircraft, check filter after each flight until no contamination is evident. Do a check after first flight or ground run whenever any component upstream of filter is replaced.		
F753001		Do a visual inspection of the compressor bleed valve.	As	
F793002		Do a functional check of the chip detector.	As	
*** End of Engine PT6A-140 600 Hours Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
MUHAMMAD SYAROEIL ANAM	ENGINEER	As	15521
Pirawan H. H.	MECHANIC		

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 : MUHAMMAD SYAROEIL ANAM Place/Date : MERAUKE / 16 JULY 2023

Sign & Stamp : 

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK-SNV

WO/FML No. : WO/097-SNV/VU/2023

PRE – INSPECTION	
Location	MERAUKE
Date	15 JULY 2023
Cycle	
Filed Barometric	1008
OAT	32 °C
Altitude	20 FT

POST – INSPECTION	
Location	MERAUKE
Date	16 JULY 2023
Cycle	
Filed Barometric	1008
OAT	30 °C
Altitude	20 FT

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	858 °C
Ng	102.7 %	101.0 %
Wf	578	549
Oil Press		89 °C
Oil Temp		71 °C
Start Temp		710 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	846 °C
Ng	102.7 %	100.8 %
Wf	578	548
Oil Press		89 °C
Oil Temp		74 °C
Start Temp		703 °C

Engine Run Up Checks							
Inertial ☒	EPL ☒	OVG ☒	Stby Alt ☒	BOV ☒	Brake ☒	Random ☒	
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.		6. High idle at 64 - 66% Ng 40Amps.	
2. Inertial Separator at Torque 400 ft-lbs.		4. Standby Alt at 80% Ng.					

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:

ITT (PRE RUN) : 858 °C
 ITT (POST RUN) : 846 °C
 Low IDLE : 56.1 %
 High IDLE : 64.6 %

PERFORMED BY			
Name	Sign & Stamp	Date	Location
M.S. ARSEM		16 JULY 2023	MERAUKE



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 16 JULY 2023	A/C REG : PK-SNV	
A/C TYPE : C208B	CHECKER : M.S. ANAM	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01201 - 201	19080030099	01 AUG 2023	SERVICEABLE
2	Co-Pilot Life Vest	P01202 - 201	21071600001	MARCH 2030	SERVICEABLE
3	Pax Life Vest	P01203 - 201	19050030019	01 AUG 2023	SERVICEABLE
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	FL 220 - FAF	0919 - 1381	JANUARY 2024	SERVICEABLE
14	Crash Axe Installed	-	-	ON CONDITION	SERVICEABLE
15	Fire Extinguisher	8352	F-60589869	OCTOBER 2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	FL 220	5714	NOVEMBER 2023	SERVICEABLE
OTHERS					
1	FLASH LIGHT	-	-	ON CONDITION	SERVICEABLE

Aircraft Registration: **PK-SNV**

WO# Nr. **WO/047-SNV/VII/2023**
Part Used

Additional Work Sheet
Insp. 200Hrs A/F, 600Hrs Eng.
&Add.Task
Parts Used Sheet

[illegible]

Aircraft Registration: **PK-SNV**

WO# Nr: **WO/047-SNV/VII/2023**

Additional Work Sheet
Insp. 200Hrs A/F, 600Hrs
Eng.&Add.Task
Special Tool Used Sheet

Special Tool Used

[illegible]