



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 200 Hours&Add.Task Inspection Due at 2200 FH.	No.	WO/040-SNA/V/2023
	Date	4 May 2023
	A/C Reg.	PK-SNA C208B-5634
Reference : MP C208B ISSUED 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 200 Hours&Add.Task Due at 2200 FH. 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 -CARRIED OUT-	Sign & Date Company Lic. No.: SCA021 26/10/2023 RIPRAL. G / 05 (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		
4 May 2023	WO/040-SNA/V/2023	Inspection 200 Hrs& Add.Task	10-05-2023		
A/C Type	Mfg. Serial Number	A/C Registration			
C208B	C208B-5634	PK-SNA			
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0730	2194:48/3367		
	#2	-			
Propeller/Rotor	#1	200483	2194:48/3367		
	#2	-			
Landing Gear	NLG		2194:48/3367		
	LH MLG		2194:48/3367		
	RH MLG		2194:48/3367		
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	
<u>IC-001</u>	32-40-00	REPLACED R/H BRAKE LINING		✓	<i>[Signature]</i> R102AL.G (21)
<u>IC-002</u>	32-20-60	REPLACED BEARING NOSE WHEEL		✓	<i>[Signature]</i> R102AL.G (21)
<u>IC-003</u>	21-51-00	REPLACED AIRCOND BELT		✓	<i>[Signature]</i> R102AL.G (21)
<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


.....
Dwi M.


.....
Dodit


.....
Yanuar


.....
Istiono



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

WO Ref: WO/040-SNA/V/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	10/05/2023		RIDZAL G	
2	APPENDIX D08	PT6A-140 ENGINE 100 HRS ENGINE INSPECTION	10/05/2023		RIDZAL G	
3	APPENDIX C03	200 HRS/12 MTHS INSPECTION	10/05/2023		RIDZAL G	
4	APPENDIX D09	PT6A-140 ENGINE 200 HRS INSPECTION	10/05/2023		RIDZAL G	
5	APPENDIX D10	PT6A-140 ENGINE 200 HRS/6 MTHS INSPECTION	10/05/2023		RIDZAL G	
6	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	10/05/2023		RIDZAL G	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 2194:48
A/C REG	: PK-SNA	TCSN	: 3367
MSN	: C208B-5634	DATE	: 10-05-2023

TYPE OF INSPECTION	: INSPECTION 200 HOURS
DUE AT	: 2200 HOURS
REFF	: MP C208B ISSUED 01

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

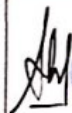
NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE
RIZAL GHARALI	AIRFRAME & POWER PLANT	9694 SCA021	 	10/05/2023
—	EIRA	—	—	

THE NEXT DUE TYPE OF INSPECTION	: 100 HOURS
DUE AT	: 2300 HOURS

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
---	--	--	--	--	-------------------------	--

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC-001	WO/040-SNA/V/2023		32-40-00	10 MEI 2023	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
C208B-5634	PK-SNA				
9. ZONE	10. STA	11. MTC TYPE			
MLG	MKG	REPLACEMENT			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
L/H PRESS. PLATE BRAKE LINNING WAS WORN OUT	 	10/05/2023

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
REMOVED AND REPLACED L/H BRAKE LINNING WITH THE NEW. (4EA) IAW C208B EX AMM. 32-40-00 Performed at A/C TT : 2194:48 A/C TC /LDG : 3367		 	10/05/2023

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
BRAKE LINNING	066-15300	9	-	-	✓	-

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT		
1. CARD #		2. JO/WO #		3. ORIGINATOR		
1C-002		WO/040-SNA/V/2023		C122101		
6. A/C REG/MSN		7. A/C TYPE		8. TRADE		
C208B-5634		PK-SNA				
9. ZONE		10. STA		11. MTC TYPE		
NLG		MK2		REPLACEMENT		
13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20				14. PPC/ENG		
				15. DATE		
BEARING NOSE WHEEL FOUND CORROSION				10/05/2023		
16. CORRECTIVE ACTION				17. MECH		
				18. ENG. LIC		
REPLACED BEARING NOSE WHEEL WITH A NEW ONE. IAW C208B EX AMM. 32-20-00 Performed at A/C TT : 2194:48 A/C TC/LDG : 3367				19. DATE		
				10/05/2023		
20. CORROSION INFORMATION						
LOCATION			CAUSE OF DAMAGE			
CORROSION ☐ Isolated ☐ Widespread CORROSION LVL ☐ 1 ☐ 2 ☐ 3 PROPOSED ACTION ☐ Doublers ☐ Others ☐ Other			☐ Environment			
			☐ Internal Leakage			
			☐ Chemical Spill			
			☐ LAV/Galley Spill			
			☐ Blocked Drain			
			☐ Wet Insulation Blanket			
			☐ Other			
21. If the defect is RII, Please Sign this card finally by RII Inspector				INSP		
NOTICE OF INSPECTOR				DATE		
22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
BEARING	214-00200	2	-	-	✓	-
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
---	--	--	--	-------------------------	--

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC - 003	WO/040-SNA/V/2023		21-51-01	10 MEI 2023	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
C208B-5634	PK-SNA				
9. ZONE	10. STA	11. MTC TYPE			
ENGINE	MKQ	REPLACEMENT			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
V-BELT FOUND CRACK.	 	10/2023 105

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED V-BELT AIRCOND WITH A NEW ONE. IAW C208B EX AMM. 21-51-01 Performed at A/C TT : 2194:48 A/C TC /LDG : 3367		 	10/2023 105

20. CORROSION INFORMATION					
LOCATION	CAUSE OF DAMAGE				
	☐ Environment				
	☐ Internal Leakage				
CORROSION ☐ Isolated ☐ Widespread	☐ Chemical Spill				
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ LAV/Galley Spill				
PROPOSED ACTION ☐ Doublers	☐ Blocked Drain				
☐ Others	☐ Wet Insulation Blanket				
	☐ 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
V-BELT	F8263	1	-	-	✓	-

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS



MAINTENANCE PROGRAM CESSNA 208/208B

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

Reg. Mark : PK-SNA Date : 10-05-2023
MSN : C208B-563A Station : MEPAUKE
TSN / CSN : 2194:48/3367 WO No. : W0/090-SNA/V/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

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>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</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>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</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
RIDAL G	ENGINEER		9654
BASRI	MECHANIC		



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 : RIZAL GHAZALI Place/Date : MERAUKE, 10-05-2023
Sign & Stamp : [Signature] 



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D09 – Engine PT6A-140 200 Hours Inspection

Reg. Mark : PK - SNA Date : 10-05-2023
MSN : C208B-5634 Station : MERAUKE
TSN / CSN : 2194:48/3367 WO No. : WO/040-SNA/V/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F793001	130	Do a visual inspection of the chip detector for debris.			10/05/2023
*** End of Engine PT6A-140 200 Hours Inspection Items ***					

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
RIDZAL GHAZALI	ENGINEER		9694
BASRI	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 : RIDZAL GHAZALI Place/Date : MERAUKE, 10-05-2023
Sign & Stamp :



MAINTENANCE PROGRAM **CESSNA 208/208B**

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

Reg. Mark : PK-SNA Date : 10-05-2023
 MSN : C208B-5634 Station : MERAUKE
 TSN / CSN : 2194:48/3367 WO No. : WO/040-SNA/V/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
<u>RIZAL GHARALI</u>	<u>ENGINEER</u>	<u>[Signature]</u>	<u>9694</u>
<u>BASRI</u>	<u>MECHANIC</u>	<u>[Signature]</u>	

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 : RIZAL GHARALI Place/Date : MERAUKE, 10-05-2023
 Sign & Stamp : [Signature] 



MAINTENANCE PROGRAM **CESSNA 208/208B**

Appendix C03 – 200 Hours/12 Months Inspection

Reg. Mark : PK - SNA
MSN : C208B-5634
TSN / CSN : 2194:48/3367

Date : 10-05-2023
Station : MEPAUKE
WO No. : WO/090-SNA/V/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		
D121001	121	Brake System Servicing Task 12-10-01-610		
D121003	710	Shimmy Damper Servicing Task 12-10-01-611 <i>N/A</i>		
C122101	700	Landing Gear Lubrication Task 12-21-03-640		
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		
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 <i>N/A</i>		
C270001	215 216 226 373 374 503 525 603 625	Flight Controls Lubrication Task 27-00-00-640		
B273101	211 212 503	Stall Warning System Operational Check Task 27-31-00-710		
C275001	525 527 625 627	Flap Tracks and Rollers Lubrication Task 27-50-00-640		
B281001	575 675	Fuel Vent Line Float Valve Operational Check Task 28-10-03-710		
A281001	521 621	Fuel Filler Assembly Detailed Inspection Task 28-10-01-220		

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	 (21)	
B322001	710	Shimmy Damper Functional Check Task 32-20-02-720	 (21)	
B341101	AUX	Pitot Tube Heaters Operational Check Task 34-11-00-710	 (21)	
A353001	256	Oxygen Mask Detailed Inspection Task 35-30-00-220	 (21)	
B761003	AUX	Emergency Power Lever Annunciator Light (EPL) Operational Check Task 76-10-01-710	 (21)	
*** End of Inspection 200 Hours/12 Months Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
RIJAL, G	ENGINEER		9694
BASRI	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 : RIJAL GHARAI Place/Date : MERAUKE, 10-05-2023
Sign & Stamp :  (21)



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNA

WO/FML No. : 10/040-SNA

PRE – INSPECTION	
Location	MERAUKE
Date	10-05-2023
Cycle	
Filed Barometric	29.83 IN HG
OAT	30°C
Altitude	30 FT

POST – INSPECTION	
Location	MERAUKE
Date	10-05-2023
Cycle	
Filed Barometric	29.83 IN HG
OAT	27°C
Altitude	30 FT

PRE – INSPECTION		
	Target	Actual
Tq		2397
Np		1880
ITT	°C	818 °C
Ng	%	100.6 %
Wf		535
Oil Press		92 °C
Oil Temp		70 °C
Start Temp		730 °C

POST – INSPECTION		
	Target	Actual
Tq		2397
Np		1890
ITT	°C	810 °C
Ng	%	100.2 %
Wf		541
Oil Press		92 °C
Oil Temp		63 °C
Start Temp		718 °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	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:

- ALL ENGINE PARAMETER
WITHIN OF LIMITS -

PERFORMED BY			
Name	Sign & Stamp	Date	Location
PIDAL.G		10/05/2023	MERAUKE

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
---	--	---

DATE : 10-05-2023	A/C REG : PK-SNA
A/C TYPE : C208B	CHECKER : RIZAL.G SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	21031090020	MARCH 2030	GOOD
2	Co-Pilot Life Vest	P01202-201	21031090008	MARCH 2030	GOOD
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	FL 220	02211898	FEB 2024	GOOD
14	Crash Axe Installed	-	-	-	GOOD
15	Fire Extinguisher	C352	G-40531981	JULY 2024	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	-	-	-	GOOD



Additional Work Sheet 200 Hours Inspection

Aircraft Registration:

PK-SNA

WO# Nr:

WO/040-SNA/V/2023

Parts Used Sheet

Part Used

[illegible]



Aircraft Registration: **PK-SNA**

WO# NR: WO/040-SNA/V/2023

Parts Used Sheet

[illegible]