



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours & Add Task Due at 1300 Hours.	No.	WO/023-SNW/XI/2021
	Date	18-Nov-2021
	A/C Reg.	PK-SNW C208B-5579
Reference : MP C208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM

To: Engineer In Charge

Description :

1. Perform Inspection 100 Hours & Add Task Due at 1300 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 -CARRIED OUT- AS PER AMR EMM FOUND SATISFIED	Sign & Date Company Lic. No.: SCA 021 28/2021  RIDZAL. G. (Engineer In Charge) 	Signature (Technical Manager)
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Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
18-Nov-2021	WO/023-SNW/XI/2021	Inspection 100 Hours & Add Task	28 Nov 2021		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5579	PK-SNW		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0651	1294:25/1928		
	#2	-			
Propeller/Rotor	#1	190815	1294:25/1928		
	#2	-			
Landing Gear	NLG		1294:25/1928		
	LH MLG		1294:25/1928		
	RH MLG		1294:25/1928		
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	
IC-001	31-10-00-220	RH SIDE GEAR LINING OUT OF LIMIT AT BACK PLATE		✓	Danar 
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					

Appendix B - Form: SCA/MTC/051

<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

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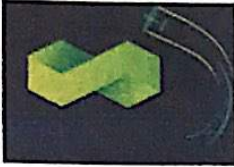
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SUMMARY INSPECTION ITEMS (Form: SCA/MTC/050)

WO Ref: WO/023-SNW/XI/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	28/11/21		Ridzal G	
2	CHAPTER 06	INSPECTION DOCUMENT 0A	28/11/21		Ridzal G	
3	CHAPTER 07	INSPECTION DOCUMENT 01	28/11/21		Ridzal G	
4	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	28/11/21		Ridzal G	
5	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	28/11/21		Ridzal G	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 1294:25
A/C REG	: PK-SNW	TCSN	: 1928
MSN	: C208B-5579	DATE	: 28-11-2021

TYPE OF INSPECTION : INSPECTION 100 HOURS & ADD TASK
DUE AT : 1300 HOURS
REFF : MP 208/208B 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

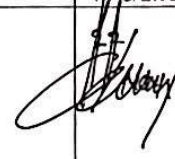
NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE
RIZAL GHAZALI	AIRFRAME & POWER PLANT	9694/SCA021	 	28/2021 11
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS
DUE AT : 1400 HOURS

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC-001	WO/013-SNW/x1/2021			27 NOV 2021	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PL-SNW	C208B BX				
9. ZONE	10. STA	11. MTC TYPE			
LANDING GEAR					

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
RH SIDE BRAKE LINING AT BACK PLATE OUT OF LIMIT	 27/NOV/2021	27/NOV/2021

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
REPLACED WITH NEW BRAKE LINING Performed at A/C TT : 1294:25 A/C TC /LDG : 1928	 #2667	27/NOV/2021	

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			
NOTICE OF INSPECTOR		INSP	DATE

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
066-015300 LINING	066-15300	4ea	MSN	MSN	☒	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
GENERAL TOOLS	-	O/C	Good

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SXW

WO/FML No. : WO/027-9NW/X1/2021

PRE – INSPECTION	
Location	<u>NABIRE</u>
Date	<u>27-11-2021</u>
Cycle	<u>1928</u>
Filed Barometric	<u>29.65 IN</u>
OAT	<u>32°C</u>
Altitude	<u>40 FT</u>

POST – INSPECTION	
Location	<u>NABIRE</u>
Date	<u>28-11-2021</u>
Cycle	<u>1928</u>
Filed Barometric	<u>29.65 IN</u>
OAT	<u>36°C</u>
Altitude	<u>40 FT</u>

PRE – INSPECTION		
	Target	Actual
Tq		<u>2397</u>
Np		<u>1880</u>
ITT	°C	<u>833°C</u>
Ng	%	<u>100.4 %</u>
Wf		<u>533</u>
Oil Press		<u>90 °C</u>
Oil Temp		<u>71 °C</u>
Start Temp		<u>755 °C</u>

POST – INSPECTION		
	Target	Actual
Tq		<u>2397</u>
Np		<u>1880</u>
ITT	°C	<u>818°C</u>
Ng	%	<u>101.1 %</u>
Wf		<u>539</u>
Oil Press		<u>91 °C</u>
Oil Temp		<u>72 °C</u>
Start Temp		<u>722 °C</u>

Inertial ☒		EPL ☒		OVG ☒		Engine Run Up Checks ☒		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. 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

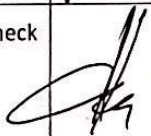
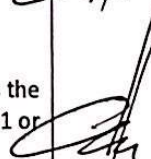
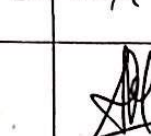
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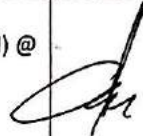
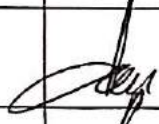
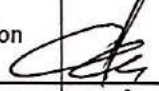
1. Make sure that inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
2. This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
3. Max fuel flow is 580 lb/hr fuel flow is not more than 15 lbs/hr higher than the 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
<u>ROYAL G</u>		<u>28/11/2021</u>	<u>NABIRE</u>

Reg. Mark	: PK- <u>SNW</u>	Date	: <u>27-11-2021</u>
MSN	: <u>C208B-5979</u>	Station	: <u>NABIRE</u>
TSN / CSN	: <u>1294:25/1928</u>	WO No.	: <u>W01023-SNW/X1/2021</u>

TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
05-20-00-280	Aircraft Records Check		
12-10-01-610	Hydraulic Brake System Servicing		
24-33-00-720	Concord Sealed Lead Acid Battery Functional Check (Capacity Check) EPV Voltage : <u>20.00</u> Volt Result : <u>114.6</u> %		
25-10-00-220	Crew Seats Detailed Inspection		
25-10-00-710	Inertia Reel Operational Check		
27-10-00-721	Aileron System Functional Check		
	Aileron Wing Cable Tension 40 ± 5 lbs (178 ± 22 N) @ 21°C (70°F) Ref. 27-10-00 Figure 602 Result : <u>37</u> lbs		
	Aileron Fuselage Cable Tension 20 ± 5 lbs (89 ± 22 N) @ 21°C (70°F) Ref. 27-10-00 Figure 603 Result : <u>22</u> lbs		
	Turn the control wheel so that the stop bolt touches the right bellcrank. Left aileron up travel must be 25 + 4 or 0 degrees. Result : <u>25.4</u> degrees		
27-10-00-721	Turn the control wheel so that the stop bolt touches the left bellcrank. Left aileron down travel must be 16 +1 or -0 degrees Result : <u>16.3</u> degrees		
27-50-00-220	Flap Actuator Mount Bracket Detailed Inspection		

TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
27-50-00-221	Flap Bell Crank Detailed Inspection		
27-50-00-720	Flap System Functional Check Make sure that cable tension is 35 ± 5 lbs (156 ± 22 N) @ 21°C (70°F) Ref. 27-50-00 Figure 602 Result: <u>32</u> lbs		
32-20-00-220	Nose Landing Gear Detailed Inspection		
32-40-00-220	Brakes Detailed Inspection Brake Disc Thickness (minimum 0.537 inch) LH: <u>0.544</u> inch / RH: <u>0.541</u> inch Brake linings Thickness (minimum 0.100 inch) Outboard LH: <u>0.479</u> inch. Outboard RH: <u>0.069</u> inch Inboard LH: <u>0.169</u> inch. Inboard RH: <u>0.171</u> inch		
32-40-00-222	Main Landing Gear Wheels and Tires Detailed Inspection Tire Pressure (56 ± 5 psi for APE STOL Installed & 45 ± 5 psi for non-APE STOL) Tire Pressure LH: <u>60.7</u> psi Tire Pressure RH: <u>60.4</u> psi		
32-40-00-224	Nose Landing Gear Wheel and Tire Detailed Inspection Tire Pressure (36 ± 6 psi) Tire Pressure : <u>41.4</u> psi		
32-10-00-220	Main Landing Gear Detailed Inspection Free Play Check (maximum 0.014 inch / 0.3556 mm) LH: <u>0.003</u> inch / RH: <u>0.002</u> inch		
53-10-00-214	Empennage and Horizontal Stabilizer Zonal Inspection		
53-10-00-210	External Fuselage Zonal Inspection		
53-10-00-211	Internal Cockpit Zonal Inspection		
53-10-00-212	Internal Cabin Zonal Inspection		

TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
53-10-00-213	Internal Tail Cone Zonal Inspection		
57-10-00-210	Wing Zonal Inspection		
61-11-00-720	McCauley Propeller Functional Check		
71-20-00-220	Engine Mounts and Firewall Detailed Inspection		
71-00-01-210	Engine Compartment Zonal Inspection		
76-10-00-720	Engine Controls Functional Check Low Idle Ng (52% - 55%) 114 A (55.5% - 57%) 140. Result: <u>57</u> % High Idle Ng (64% - 66%) Result: <u>65.6</u> %		

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
RIZAL G	ENGINEER		9694
Danar Pramu	ENGINEER		9657
PETER AGAP	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.

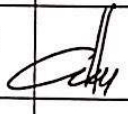
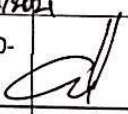
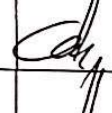
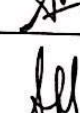
Name : RIZAL GHAZALI Stamp : 
 Signature :  Place/Date : MEX, 29-11-2021

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 7 – Inspection Document 01

Reg. Mark : PK-SNW
MSN : C208B-5579
TSN / CSN : 1294:25/1928

Date : 27-11-2021
Station : NATIRE
WO No. : W0/023-SNW/K1/2021

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
C122106	801 802 803 804 921 922 923 924	Key Lock Lubrication Task 12-21-07-640		
A251000	801 802	Smoke Goggle General Visual Inspection Task 25-10-00-210	N/A	N/A
B262001	215 216 251 252	Portable Fire Extinguisher Functional Check (Weight Check) Task 26-20-00-720		
B272003	211 212 213 214 217 218 233 234 253 254 257 258 311 312 320 341	Rudder System Functional Check (Float Kit Installation) Task 27-20-00-721	N/A	N/A
B313101	312	Flight Data Recorder System Functional Check Task 31-31-00-720 <u>POSTPONE REFER TO W0/025-SNW/K1/2021</u>	-	-
A321001	721 722	Main Landing Gear Detailed Inspection Task 32-10-00-220		
A322002	701	Drag Link Forward Support Seal General Visual Inspection (Airplanes 20800553 and On and 208B5076 and on) Task 32-20-00-210		
A324001	721 722	Brakes Detailed Inspection Task 32-40-00-220		
A324005	721 722	Main Landing Gear Wheels and Tires Detailed Inspection Task 32-40-00-222		
A324009	710	Nose Landing Gear Wheel and Tire Detailed Inspection Task 32-40-00-224		
B350101	231 232 251 252 255 256 311 312 801 802	Oxygen System Operational Check Task 35-01-00-710		

Revision No. : 05
SCA/TEK/1-001
23 April 2020

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MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 7 – Inspection Document 01

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
A714101	130	Engine Wash Ring, Air Plenum, and Thermocouple (T1) Detailed Inspection Task 71-41-00-220		
*** End of Inspection Document 01 Items ***				

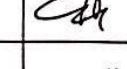
PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
RIZDAL - G	ENGINEER		9694
Dennis Pradana	ENGINEER		9687
PETER AGAPA	MECHANIC		-

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 :	<u>RIZDAL GHAGALI</u>	Stamp :	
Signature :		Place/Date :	<u>MTX, 27-11-2021</u>

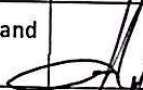
MAINTENANCE PROGRAM CESSNA C208/C208B

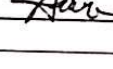
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK-SNW Date : 27-11-2021
 MSN : C208B-5979 Station : NATSIRO
 TSN / CSN : 1294:25/1928 WO No. : WD/073-SNW/41/2021

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: <u>AN6235-3A</u> P/N ON: <u>AN6235-3A</u>		

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>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 Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>RIZAL G</u>	<u>ENGINEER</u>		<u>9694</u>
<u>Dennis Praman</u>	<u>ENGINEER</u>		<u>968</u>
<u>PETER GARA</u>	<u>MECHANIC</u>		<u>-</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	: <u>RIZAL GHAZALI</u>	Stamp	: 
Signature	: 	Place/Date	: <u>NTB-X, 28-11-2021</u>



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE : 28-11-2021	A/C REG : PK-SNW
A/C TYPE : C208B EX	CHECKER : RIDZAL G SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	20080480025	DEC 2024	GOOD
2	Co-Pilot Life Vest	P01202-201	20080480050	DEC 2024	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	Firt Aid Kit	FL 220	0920-1690	SEPT 2022	GOOD
14	Crash Axe Installed	-	-	-	GOOD
15	Fire Extinguisher	C 352	F-7SD60951	NOV 2022	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	LSK-1-5	479287	NOV 2022	GOOD
OTHERS					
18	FLASH LIGHT	-	-	-	GOOD



WO# NC: **WO/023-SNW/XI/2021**

Additional Work Sheet

Inspection 100 Hours

Parts Used Sheet

Parts Used Sheet

[illegible]



Aircraft Registration: **PK-SNW**

WO# NF: **WO/023-SNW/XI/2021**



Additional Work Sheet

Inspection 100 Hours

Inspection 100 Hours

Parts Used Sheet

[illegible]