



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject :	No.	WO/014-SNO/IV/2023
Inspection 100 Hours	Date	3 April 2023
	A/C Reg.	PK-SNO C208B-2375
Reference :	Prepared By	TS
MP C208B Issued 01	Checked By	CI
	Approved By	TM

To : Engineer In Charge

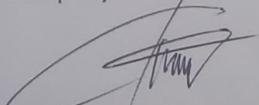
Description :

1. Perform Inspection 100 Hrs
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 <i>CARRIED OUT</i>	Sign & Date Company Lic. No.:   15-APRIL-2023 (Engineer In Charge) CEP NANA. P	Signature  (Technical Manager)
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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
3 Apr 2023	WO/014-SNO/IV/2023	100 Hrs Insp.	15-APRIL-2023
A/C Type		Mfg. Serial Number	A/C Registration
C208B		C208B-2375	PK-SNO
AIRCRAFT DATA			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PC1937	290:53 / 382
	#2	-	
Propeller/Rotor	#1	111120	2327:18 / 2327:18
	#2	-	
Landing Gear	NLG		6982:25 / 9049
	LH MLG		6982:25 / 9049
	RH MLG		6982:25 / 9049

PACKAGE COVERED

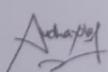
No	Subject	Qty	Remark
1	Non-Routine Card	-	
2	Inspection Card	1	✓
3	Work Order	1	✓
4	Summary Inspection List	1	✓
5	Material and Tool List	-	
6	Escalation form	-	
7	CRS (SMI / Unscheduled Maintenance)	1	

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



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Checked by :
Chief Maintenance



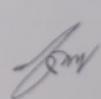
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Verified by :
Chief Inspector

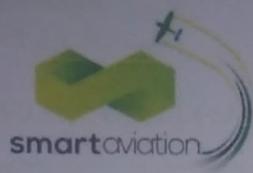


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Approved by :
Technical Manager



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PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 6482 : 25
A/C REG	: PK-SNO	TCSN	: 9049
MSN	: C208B-2375	DATE	: 15-APR-2023

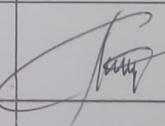
TYPE OF INSPECTION	: INSPECTION 100 HRS
DUE AT	: 6488 HRS
REF	: MP C208B ISSUED 01

EXCEPTION

- NO EXCEPTION -

AUTHORIZED PERSON

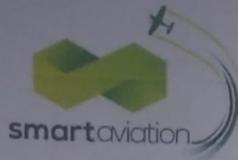
I hereby certify that this aircraft has been maintained accordance with CASR and Maintenance Program.
Aircraft safe and airworthy for flight

NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE
CEP NANA . P	AIRFRAME & POWER PLANT	15119 / SCA 36	 	15 / 09 - 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS INSPECTION

DUE AT : 6888 : 00

Form: SCA/MTC/049



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

WO Ref: WO/014-SNO/IV/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B07	PT6A-114A ENGINE GROUND RUN	15/03-2023	0,5 MHR	CEP NANA	
2	APPENDIX D01	PT6A-114A ENGINE 100 HOURS INSPECTION	15/03-2023	10 MHR	CEP NANA	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	15/03-2023	0,5 MHR	CEP NANA	



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK-SNO

WO/FML No. : W6/614-SNO/IV/2023

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	TIMIKA
Date	15-APRIL-2023
Cycle	1
Filed Barometric	29.98 in Hg
OAT	27
Altitude	100 ft

PRE – INSPECTION		
	Target	Actual
Tq		
Np		
ITT (°C)	°C	°C
Ng (%)	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

	Target	Actual
Tq	1865	1865
Np	1900	1870
ITT (°C)	772 °C	706 °C
Ng (%)	98.5 %	98.2 %
Wf	450	457
Oil Press		96 °C
Oil Temp		77 °C
Start Temp		711 °C

Engine Run Up Checks

Inertial EPL OVG Stby Alt BOV Brake Randomw

NOTE:

1. Brake system at Torque 1500 ft-lbs. 3. EPL check can't exceed 4% Ng per second. 5. Low idle at 52.5 – 53.5% 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 C208

OAT (°C)	(27)	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Tq (ft.lbs)	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865
Np	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
ITT (°C)	772	775	778	780	785	790	793	795	797	800	800	800	802	805	810
Ng (%)	98.5	98.5	99	99	99.1	99.2	99.4	99.5	99.5	100	100	100.2	100.5	100.7	100.9
WF (PPH)	450	450	450	450	450	450	450	450	450	450	450	450	448	448	446

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 465 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:

ENGINE PARAMETER WITHIN
LIMIT

PERFORMED BY			
Name	Sign & Stamp	Date	Location
CEP NANA		15/04/2023	TIMIKA



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE : 15-APRIL-2023	A/C REG : PK-SNU
A/C TYPE : C 208 B	CHECKER : CEP NANA SIGN:  

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101 W	17050590052	01 MAY 2023	SERVICEABLE
2	Co-Pilot Life Vest	P01074-101 W	17050590032	01 MAY 2023	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	FAK	NSN	15-DEC-2023	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	%	SERVICEABLE
15	Fire Extinguisher	C-352	F78060951	NOV 2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				

OTHERS

18	FLASH LIGHT	NPN	NSN	%	SERVICEABLE



Additional Work Sheet
100 Hrs Inspection Parts Used Sheet

Aircraft Registration: PK-SNO

WO# Nr.: WO/014-SNO/IV/2023

No.	Description	Special Tool Used	
		Due Date	
1	TORQUE WRENCH / 69-32	NOV 2	
2	TORQUE WRENCH / QD/KD	NOV 2	
3	MICROMETER / MDC-1"Px	AUG 2	
4	PRESSURE GAUGE / TFI60	MAY 20	



Additional Work Sheet

100 Hrs

Inspection

Parts Used Sheet

WO# Nr.: WO/014-SNO/IV/2023

PK-SNO

Aircraft Registration:



AIRCRAFT FLIGHT MAINTENANCE LOG



MAINTENANCE PROGRAM
CESSNA 208B GRAND CARAVAN
ENGINE MINOR

Reg. Mark : PK-SNO Date : 15/04/2023
MSN : -PCE-PC1937- Station : TIM
TSN /CSN : 6482:25/9044 WO No. : WO/014-PK-SNO/IV/2023

ITEM CODE NO	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN & STAMP	RII SIGN & STAMP
D282101	130	Firewall Mounted Fuel Filter Servicing Task 21-00-610		N/A
E710001	130	Do a check of the FCU manual override system for static operation.		N/A
E710003	130	Do a compressor performance recovery wash.		N/A
E710004	130	Inspect all accessible connections, clamps and brackets for attachment. Inspect accessible lockwire and safety cable for security and installation.		N/A
E710005	130	Inspect of wear, chafing, cracks and corrosion for tubing, wiring, control linkage, hose assemblies. NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		N/A
E710006	130	Examine linkages. Pay particular attention to rear linkage cam box, fuel control unit arm, telescopic rod and rod end fittings. Disconnect rod ends and clean using solvent (PWC11-027) or (PWC11-031). Lubricate with light grease (PWC04-001) after engine external wash. Examine rod end for corrosion, roughness in rotation, side play and radial play. After lubrication reinstall rod ends and torque to specified value (Ref 76-10-00). Check free movement of linkage.		N/A

ITEM CODE NO	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN & STAMP	RII SIGN & STAMP
E710007	130	Inspect attachment and linkages, air, oil and fuel lines (Ref. 73-10-07/-08). NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		N/A
E710011	130	Performed Deceleration Check		N/A
E720001	130	Do a visual inspection of the engine exhaust duct welds.		N/A
E720002	130	Do a visual inspection of the engine exhaust duct for cracks.		N/A
E720003	130	External surfaces, and fireseal mount ring brackets for cracks, distortion, and corrosion of gas generator case (Ref. 72-30-04).		N/A
E722001	130	Do a visual inspection of the air inlet screen.		N/A
E722004	130	Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02)		N/A
E723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion		N/A
E731002	130	Do a visual inspection of the fuel pump (in-situ inspection only) for installation and leakage		N/A
E731003	130	Check oil-to-fuel heater installation		N/A
E731014	130	Check starting flow control/flow divider for installation and leaks.		N/A
E731015	130	Check outlet filter for foreign matter or distortion (Ref. 73-10-02). (CLEANING / REPLACEMENT) P/N OFF : P/N ON :		N/A

ITEM CODE NO	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN & STAMP	RII SIGN & STAMP
E731006	130	Check drain valve for installation and leaks		N/A
E731008	130	Do a visual inspection of the P3 filter and drain valve		N/A
E731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corosions are found, replace filter.		N/A
E732001	130	Check FCU for installation, linkages and pneumatic tubes.		N/A
E732002	130	Examine the FCU for bearing wash-out, shown by blue dye (grease and fuel mixed) at FCU vent.		N/A
E792002	130	Oil filter elements and secondary screen (coarse hat- type screen attached to the inner end of the filter).		N/A
E792003	130	Examine the forward oil transfer elbow installation on the Flange A. Make sure that the bolts tighten correctly		N/A

PERSONNEL PARTICIPATION IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
HENDRO TRIYONO	Engineer		5583
FIRMAN TOSI HAMSYAH	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 in the consider fit for Release to Service.

Name : CEP NANA PRIATNA

Place/Date : TIM, 15/04/2023

Sign & Stamp : _____



CEP NANA
PRIATNA