



PT. SMART CAKRAWALA AVIATION

## WORK ORDER

Form: SCA/MTC/030

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

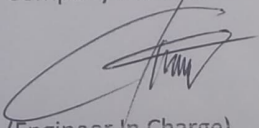


### Description :

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 -

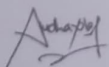
Compliance Statement  CARRIED OUT	Sign & Date Company Lic. No.:  (Engineer In Charge) CEP NANA P 15-APRIL-2023 	Signature  (Technical Manager)
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**AIRCRAFT CHECK WORK SUMMARY**  
(Form: SCA/MTC/051)

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		6482:25 / 9099	
	LH MLG		6482:25 / 9099	
	RH MLG		6482:25 / 9099	
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



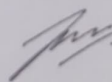
Hani

Checked by :  
Chief Maintenance



Dodit

Verified by :  
Chief Inspector



Yanuar

Approved by :  
Technical Manager



Istiono



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B

A/C REG : PK-SNO

MSN : C208B-2375

TTSN : 6482:25

TCSN : 9041

DATE : 15-APR-2023

TYPE OF INSPECTION : INSPECTION 100 HRS

DUE AT : 6488 HRS

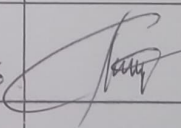

REF : MP C208B ISSUED 01

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

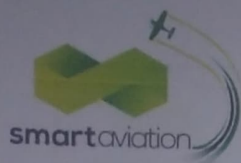
NAME	CAT	AMEL/OTR NO	SIGN&STAMP	DATE
CEP NANA.P	AIRFRAME & POWER PLANT	15119/SCA 36	 	15/ 04-2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS INSPECTION

DUE AT : 6588:00

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. : W61014-SNO/11/2023

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
Ng	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

POST- INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1870
ITT	772 °C	706 °C
Ng	98.5 %	98.2 %
Wf	950	457
Oil Press		96 °C
Oil Temp		77 °C
Start Temp		711 °C

Engine Run Up Checks							
Inertial	<input checked="" type="checkbox"/>	EPL	<input checked="" type="checkbox"/>	OVG	<input checked="" type="checkbox"/>	Stby Alt	<input checked="" type="checkbox"/>
BOV	<input checked="" type="checkbox"/>	Brake	<input checked="" type="checkbox"/>	Randomn	<input checked="" type="checkbox"/>		
<b>NOTE:</b> 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:**

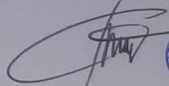

ENGINE PARAMETER WITHIN  
LIMIT

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 : PF-SWU	
A/C TYPE : C 208 B	CHECKER : CEP NANA	SIGN:  

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01079-101 W	17050590052	01 MAY 2023	SERVICEABLE
2	Co-Pilot Life Vest	P01079-101 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	Firt Aid Kit	FAK	NSN	15-DEC-2023	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	0/c	SERVICEABLE
15	Fire Extinguisher	C-352	FFS060951	NOV 2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	NPN	NSN	0/c	SERVICEABLE





## Inspection

Parts Used Sheet

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

Aircraft Registration: **PK-SNO**

## Special Tool Used





## 100 Hrs

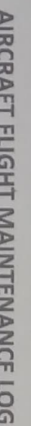
## Inspection

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

Aircraft Registration: **PK-SNO**

## Parts Used Sheet

## Part Used



ECM Manual Entry (if required)	
Time	:
Altitude	:
IAS	:
TQ/EPR	:
ITT/EGT	:
NG/N2	:
NP/N1	:
F/F	:
Oil Temp.	:
Oil Press	:
OAT	:
Last Compressor Wash C/O	
Date	: 15 APR - 2023
PERIODIC INSPECTION	
Last Insp C/O at	: 6482.25
Type of Insp	: 100
Next Inspection	
Type Insp.	: 700
Due at	: 6588.00

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 corrossions 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 :

