



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hrs Engine	No.	WO/038-SNS/I/2023
	Date	10 January 2023
	A/C Reg.	PK-SNS C208B-2341
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 100 Hours Engine
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 :

Compliance Statement CARRIED OUT	Sign & Date Company Lic. No.: ARJUN GUMILANG (Engineer In Charge) 21 JANUARY 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	
10 Jan 2023		WO/038-SNS/I/2023		Inspection 100 Hours		21 JANUARY 2023	
Engine							
A/C Type		Mfg. Serial Number		A/C Registration			
C208B		C208B-2341		PK-SNS			
AIRCRAFT DATA							
Subject		Pos #		Serial Number (SN)		TTSN/TCSN	
Engine		#1		PCE-PC1288		3539:34 / 4629	
		#2		-			
Propeller/Rotor		#1		081043		525:14 / 1739	
		#2		-			
Landing Gear		NLG				6475:00 / 7319	
		LH MLG				6476:00 / 7319	
		RH MLG				6475:00 / 7319	
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			
<u>IC-001</u>							
<u>IC-002</u>							
<u>IC-003</u>							
<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


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

WO Ref: WO/038-SNS/I/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APP B07	PT6A-114A ENGINE GROUND RUN	21 / 01 2023		ARJOI GUMILANG	
2	APP D01	PT6A-114A 100 HOURS/MINOR ENGINE	21 / 01 2023		ARJOI GUMILANG	
3	APP D02	PT6A-114A 200 HOURS ENGINE	21 / 01 2023		ARJOI GUMILANG	
4	APP D03	PT6A-114A 200 HOURS/6 MONTHS ENGINE	21 / 01 2023		ARJOI GUMILANG	
5	SCA/MTC/023	EMERGENCY EQUIPMENT LIST	21 / 01 2023		ARJOI GUMILANG	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : CESSNA 208B TTSN : 6475:00
A/C REG : PK-SNS TCSN : 7319
MSN : C208B-2341 DATE : 21 JANUARY 2023

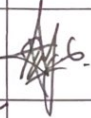
TYPE OF INSPECTION : INSPECTION 100 HRS ENGINE
DUE AT : 6479 HOURS
REFF : MP C208B ISSUED 01

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
ARUJI GUMILANG	AIRFRAME & POWER PLANT	9896 / SCA 37	 	21 / 2023
	EIRA			JANUARY

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS INSPECTION.
DUE AT : 6579:00 HOURS

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK-SNS

WO/FML No. : WO/038-SNS/1/2023

PRE – INSPECTION	
Location	PALANGKARAYA
Date	20 JANUARI 23
Cycle	1
Filed Barometric	1011
OAT	28
Altitude	40

POST – INSPECTION	
Location	PALANGKARAYA
Date	21 JANUARI 23
Cycle	1
Filed Barometric	1006
OAT	36
Altitude	40

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	775 °C	731 °C
Ng	98.5 %	99.4 %
Wf	450	446
Oil Press		95 °C
Oil Temp		72 °C
Start Temp		628 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	800 °C	751 °C
Ng	100 %	99.9 %
Wf	456	444
Oil Press		94 °C
Oil Temp		81 °C
Start Temp		630 °C

Engine Run Up Checks

Inertial ☒ EPL ☒ OVG ☒ Stby Alt ☒ BOV ☒ Brake ☒ Rاندون ☒

NOTE:

1. Brake system at Torque 1500 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 52.5 – 53.5% 40Amps.
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:

- NIL -

PERFORMED BY

Name	Sign & Stamp	Date	Location
ARJUN GUMILANG		21 / 2023 JANUARI	PALANGKARAYA



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 21 JANUARY 2023	A/C REG : PK-SNS
A/C TYPE : C208B	CHECKER : ARJUN . G SIGN:  

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202 - 201	19041660004	APRIL - 2029	S / S
2	Co-Pilot Life Vest	P01202 - 201	21031090006	MARCH - 2030	S / S
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		0721 - 2119	JULY 2023	S / S
14	Crash Axe Installed	-	-	-	S / S
15	Fire Extinguisher	C352	X690527	OCTOBER 2023	S / S
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



**Additional Work Shown
Inspection 100 Hour
Engine**

Aircraft Registration:

PK-SNS

WO# NR: _____

WO/038-SNS/I/2023

Part Used

Parts Used Sheet

[illegible]



**Additional Work Shop
Inspection 100 Hour
Engine**

Aircraft Registration: **PK-SNS**

WO# NR: WO/038-SNS/I/2023

Parts Used Sheet

[illegible]