



PT. SMART CAKRAWALA AVIATION

**WORK ORDER**

Form: SCA/MTC/030

Subject :	No.	WO/038-SNS/I/2023
Inspection 200 Hrs Engine	Date	10 January 2023
	A/C Reg.	PK-SNS C208B-2341
Reference :	Prepared By	TS
MP C208B Issued 01	Checked By	CI
	Approved By	TM

To : Engineer In Charge

**Description :**

1. Perform Inspection 200 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  <i>CARRIED OUT</i>	Sign & Date Company Lic. No.:  ARUJI GUMILANG (Engineer In Charge)	Signature   21 JANUARY 2023 
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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		6475:00 / 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	
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

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 / 2023 01		ARWJI GUMILANG	
2	APP D01	PT6A-114A 100 HOURS/MINOR ENGINE	21 / 2023 01		ARWJI GUMILANG	
3	APP D02	PT6A-114A 200 HOURS ENGINE	21 / 2023 01		ARWJI GUMILANG	
4	APP D03	PT6A-114A 200 HOURS/6 MONTHS ENGINE	21 / 2023 01		ARWJI GUMILANG	
5	SCA/MTC/023	EMERGENCY EQUIPMENT LIST	21 / 2023 01		ARWJI 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 JANUARI 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 GUNILANG	AIRFRAME & POWER PLANT	98096 / SCA 37		21 / 2023
	EIRA			JANUARI

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/038-545/1/2023

PRE - INSPECTION	
Location	<u>PALANGKARAYA</u>
Date	<u>20 JANUARI 23</u>
Cycle	<u>1</u>
Filed Barometric	<u>1011</u>
OAT	<u>28</u>
Altitude	<u>40</u>

POST - INSPECTION	
Location	<u>PALANGKARAYA</u>
Date	<u>21 JANUARI 23</u>
Cycle	<u>1</u>
Filed Barometric	<u>1006</u>
OAT	<u>36</u>
Altitude	<u>40</u>

PRE - INSPECTION		
	Target	Actual
Tq	<u>1865</u>	<u>1865</u>
Np	<u>1900</u>	<u>1900</u>
ITT	<u>778 °C</u>	<u>731 °C</u>
Ng	<u>98.5 %</u>	<u>90.4 %</u>
Wf	<u>450</u>	<u>446</u>
Oil Press		<u>95 °C</u>
Oil Temp		<u>72 °C</u>
Start Temp		<u>628 °C</u>

POST - INSPECTION		
	Target	Actual
Tq	<u>1865</u>	<u>1865</u>
Np	<u>1900</u>	<u>1900</u>
ITT	<u>800 °C</u>	<u>751 °C</u>
Ng	<u>100 %</u>	<u>99.9 %</u>
Wf	<u>450</u>	<u>444</u>
Oil Press		<u>94 °C</u>
Oil Temp		<u>81 °C</u>
Start Temp		<u>680 °C</u>

**Engine Run Up Checks**

**Inertial**  **EPL**  **OVG**  **Stby Alt**  **BOV**  **Brake**  **Random**

**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:**

*- NIL -*

PERFORMED BY			
Name	Sign & Stamp	Date	Location
<u>APNJI GUMILANG</u>	 	<u>21 / 2023</u> <u>JANUARI</u>	<u>PALANGKARAYA</u>



**EMERGENCY EQUIPMENT  
LIST  
INSPECTION & MONITOR**

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

DATE : 21 JANUARI 2023	A/C REG : PK-SNS
A/C TYPE : C208B	CHECKER : ARUJI . 6 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 Sheet**

### **Inspection 100 Hour**

Aircraft Registration: PK-SNS

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

### Part Used

Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer
21 / 01 / 2023	၃၀၆ - ၁၁	-	100 မီမှာ ၅၇	၁	အောင်

## **Additional Work Sheet**

### **Inspection 100 Hour**



Aircraft Registration: **PK-SNS**

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

## Parts Used Sheet

No.	Description	Due Date	Engineer
1.	TORQUE WRENCH TA - 0250	SEPT 2024	ARJO, GOMILANG