



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hrs Engine	No.	WO/065-SNS/IX/2023
	Date	18 Sept 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 : - NTK -		
Compliance Statement <i>CARRIED OUT</i>	Sign & Date Company Lic. No.:  24 Sept 23 (Engineer In Charge)	Signature  (Technical Manager)

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 Sept 2023	WO/065-SNS/IX/2023	Inspection 100 Hours	24 Sept 2023	
Engine&Add.Eng.Task				
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-PC1306	763 :17/914	
	#2	-		
Propeller/Rotor	#1	081043	1333 :15	
	#2	-		
Landing Gear	NLG		7283 :01/8237	
	LH MLG		7283 :01/8237	
	RH MLG			
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>				

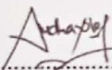
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


Dwi M.


Dodit


Yanuar


Istiono



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

WO Ref: WO/065-SNS/IX/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APP B07	PT6A-114A ENGINE GROUND RUN	24/SEP 23		DEWIS	
2	APP D01	PT6A-114A 100 HOURS/MINOR ENGINE	24/SEP 23		DEWIS	
3	SCA/MTC/023	EMERGENCY EQUIPMENT LIST	24/SEP 23		DEWIS	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE : CESSNA 208B

TTSN : 7283:01

A/C REG : PK-SNS

TCSN : 8257

MSN : C208B-2341

DATE : 24 febr 2023

TYPE OF INSPECTION : INSPECTION 100 HRS ENG.

DUE AT : 7278:42 HOURS

REFF : MP C208B ISSUED 01

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
DENI SOBANI	AIRFRAME & POWER PLANT	9632/SCA20		24 febr 2023
✓	EIRA	✓	✓	

THE NEXT DUE TYPE OF INSPECTION : 100:00 FH

DUE AT : 7378:42 HOURS

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK - SVJ

WO/FML No. : WO/065-SNS/1K/2023

PRE – INSPECTION	
Location	<u>BDO</u>
Date	<u>24 Sept 23</u>
Cycle	<u>1</u>
Filed Barometric	<u>1006</u>
OAT	<u>38</u>
Altitude	<u>20</u>

POST – INSPECTION	
Location	<u>BDO</u>
Date	<u>24 Sept 23</u>
Cycle	<u>1</u>
Filed Barometric	<u>1006</u>
OAT	<u>34</u>
Altitude	<u>20</u>

PRE – INSPECTION		
	Target	Actual
Tq	<u>1865</u>	<u>1866</u>
Np	<u>1900</u>	<u>1890</u>
ITT	<u>800 °C</u>	<u>764 °C</u>
Ng	<u>100.2 %</u>	<u>99.2 %</u>
Wf	<u>450</u>	<u>452</u>
Oil Press		<u>92 °C</u>
Oil Temp		<u>86 °C</u>
Start Temp		<u>680 °C</u>

POST- INSPECTION		
	Target	Actual
Tq	<u>1865</u>	<u>1865</u>
Np	<u>1900</u>	<u>1850</u>
ITT	<u>795 °C</u>	<u>767 °C</u>
Ng	<u>99.5 %</u>	<u>98.6 %</u>
Wf	<u>450</u>	<u>447</u>
Oil Press		<u>92 °C</u>
Oil Temp		<u>86 °C</u>
Start Temp		<u>720 °C</u>

Engine Run Up Checks

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

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:

PERFORMED BY

Name	Sign & Stamp	Date	Location
<u>DENI SORBAU</u>		<u>24 Sept 23</u>	<u>BDO</u>

Issued: 01

SCA/TEK/1-001

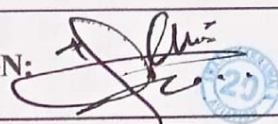
15 December 2022

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EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 24 SEP 23	A/C REG : PK-SNS
A/C TYPE : C208B	CHECKER : DENI SERAU SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P 01202-201	1304166 0004	APRIL 2023	SERVICEABLE
2	Co-Pilot Life Vest	P 01202-201	2103 105006	MARCH 2030	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	FL 220	0721-2119	JULY 2024	SERVICEABLE
14	Crash Axe Installed	-	-	O/C	GOOD
15	Fire Extinguisher	C 352	X 630527	OCT 2023	SERVICEABLE
16	Life Raft (If Installed)	-			
17	Survival Kit (If Installed)	VAL 0101-103	2133 EAA	OCT 2023	SERVICEABLE
OTHERS					
18	FLASH LIGHT	-	-	O/C	SERVICEABLE



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[illegible]



