



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hrs Engine	No.	WO/036-SNS/XII/2022
	Date	17 December 2022
	A/C Reg.	PK-SNS C208B-2341
Reference : MP C208B Rev. 12	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	Sign & Date Company Lic. No.:  (Engineer In Charge) DODIT SUPRIYANTO	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		
17 Dec 2022	WO/036-SNS/XIV/2022	Inspection 100 Hours			
Engine					
AC Type	Mfg. Serial Number	AC Registration			
C208B	C208B-2341	PK-SNS			
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCIN		
Engine	#1	PCE-PC1288	3439:23 / 4520		
	#2	-			
Propeller/Rotor	#1	081043	426:09		
	#2	-			
Landing Gear	NLG				
	LH MLG				
	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	
IC-001	FOUND DURING MAINTENANCE	FOUND LH IGUTER WORKS OUT		✓	
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					

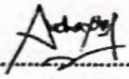
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


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		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC - 001	WO/036-SNS/XII/2022		FOUND DURING MAINTENANCE	19 DECEMBER 2022	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNS/2341	C208B	ENGINE			
9. ZONE	10. STA	11. MTC TYPE			
ENGINE	NABIRE	REPLACEMENT			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
FOUND LH IGNITER WORN OUT.		19 DEC 2022

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED LH IGNITER WITH A NEW. REF. AMM CHAPTER 74-16-00 Performed at A/C TT: 6374:53 A/C TC/LDG: 7210			19 DEC 2022

20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment		
	☐ Internal Leakage		
CORROSION ☐ Isolated ☐ Widespread	☐ Chemical Spill		
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ LAV/Galley Spill		
PROPOSED ACTION ☐ Doublers	☐ Blocked Drain		
☐ Others	☐ Wet Insulation Blanket		
	☐ Other		
21. If the defect is RII, Please Sign this card finally by RII Inspector		INSP	DATE
NOTICE OF INSPECTOR			

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
IGNITER	CH 34055	1	NSN	NSN	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
GENERAL TOOLS	-	-	SERVICEABLE

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

WO Ref: WO/036-SNS/XII/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	19 Dec 2022		DODIT SUPRIYANTO	
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS INSPECTION/ MINOR INSPECTION	19 Dec 2022		DODIT SUPRIYANTO	
3	SCA/MTC/ 023	EMERGENCY EQUIPMENT CHECKLIST	19 Dec 2022		DODIT SUPRIYANTO	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B
A/C REG : PK-SNS
MSN : C208B-2341

TTSN : 6374:53
TCSN : 7210
DATE : 19 DEC 2022

TYPE OF INSPECTION : INSPECTION 100 HRS ENGINE
DUE AT : 6379 HOURS
REF : MP C208B REV. 12

EXCEPTION

Nilai

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
DODIT SUPRIYANTO	AIRFRAME & POWER PLANT	4875/SCA 05		19 DEC 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS ENGINE INSPECTION

DUE AT : 6479:00 HOURS

Form: SCA/MTC/049

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK - SNS

WO/FML No. : WO/036-SNS/XII/2022

PRE – INSPECTION	
Location	NABIRE
Date	19 Dec 2022
Cycle	7210
Filed Barometric	29.921
OAT	34
Altitude	260

POST – INSPECTION	
Location	NABIRE
Date	19 Dec 2022
Cycle	7210
Filed Barometric	29.921
OAT	35
Altitude	260

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	795 °C	733 °C
Ng	99.5 %	99.5 %
Wf	450	440
Oil Press		95 °C
Oil Temp		83 °C
Start Temp		740 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	797 °C	737 °C
Ng	99.5 %	99.8 %
Wf	450	452
Oil Press		98 °C
Oil Temp		86 °C
Start Temp		760 °C

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
DODIT.S		19 DEC 2022	Nhx



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 19 DEC 2022

A/C REG : PK-SNS

A/C TYPE : C208B

CHECKER :



SIGN:

(Signature)

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202 - 201	210310900006	MARCH 2030	SERVICEABLE
2	Co-Pilot Life Vest	P01202 - 201	190441660004	APRIL 2029	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				
14	Crash Axe Installed	-	-	-	SERVICEABLE
15	Fire Extinguisher	-	X690527	OCTOBER 2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



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Aircraft Registration: **PK-SNS**

WO# Nr: WO/036-SNS/XII/2022

Parts Used Sheet

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