



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours due at 4479 Hours.	No.	WO/057-SNM/VIII/2023
	Date	2 Aug 2023
	A/C Reg.	PK-SNM C208-00655
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		

Description :

1. Perform Inspection 100 Hours due at 4479 Hours.
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	Sign & Date Company Lic. No.: FERRY HERMANAWAN (Engineer In Charge) 	Signature (Technical Manager)
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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
2 Aug 2023	WO/055-SNM/VIII/2023	Inspection 100 Hours	09 - AUGUST - 2023		
A/C Type		Mfg. Serial Number	A/C Registration		
C208		C208-00655	PK-SNM		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PC2327 TTSO	473:57 / 515		
	#2	-	-		
Propeller/Rotor	#1	190085	4472:11 / 5990 342:29		
	#2	-	-		
Landing Gear	NLG		4472:11 / 5990		
	LH MLG		4472:11 / 5990		
	RH MLG		4472:11 / 5990		
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>		IGNITER FOUND WORN OUT OF LIMIT 2.EA.		✓	FERRIHERMAWAN  
<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/057-SNM/VIII/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B07	PT6A-114A ENGINE GROUND RUN PERFORMANCE	09/2023 /AUG'	-	FEBRI HERMAWAN	
2	APPENDIX D01	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	09/2023 /AUG'	-	FEBRI HERMAWAN	
3	Form SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECKLIST	09/2023 /AUG'	-	FEBRI HERMAWAN	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE : CESSNA 208

A/C REG : PK-SNM

MSN : C208-00655

TTSN : 4472:11

TCSN : 5990

DATE : 09-AUG-2023

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 4479 HOURS

REFF : MP C208/C208B ISSUED 01

EXCEPTION

- NIL -

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
FEBRI HERMAWAN.	AIRFRAME & POWER PLANT	6445 SCA-009	 	09 / 2023.
N/A	EIRA	N/A	N/A	/ AUG'

THE NEXT DUE TYPE OF INSPECTION : 200. HRS INSPECTION.

DUE AT : 4579 : 00 FLIGHT HOURS.

Form: SCA/MTC/049

Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK - SNM

WO/FML No. : W/O/055-SNM/VIII/2023

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	PALEMBANG
Date	09-AUG-2023
Cycle	517
Filed Barometric	29.97
OAT	31°C
Altitude	

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	1880
ITT	785 °C	753 °C
Ng	99.1 %	99.3 %
Wf	450	451
Oil Press		87 °C
Oil Temp		77 °C
Start Temp		31 °C

Engine Run Up Checks

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

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
FEBR1 HERHAWAN	 	09/2023 AUG	PALEMBANG



Parts Used Sheet

WO# Nr: WO/057-SNM/VIII/2023

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	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 09 / 2023 AUG	A/C REG : PK-SNM
A/C TYPE : C208	CHECKER : FEBRI HERMAWAN SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO1202-201W	21071600007	MARCH 2030	SERVICEABLE
2	Co-Pilot Life Vest	PO1202-201W	21071600019	MARCH 2030	SERVICEABLE
3	Pax Life Vest	PO1074-101W	17050540012	MARCH 2030	SERVICEABLE
4	Pax Life Vest	PO1202-201W	21071600009	MARCH 2030	SERVICEABLE
5	Pax Life Vest	PO1074-101W	17050590001	JUNE 2024	SERVICEABLE
6	Pax Life Vest	PO1202-201	12062000066	JUNE 2024	SERVICEABLE
7	Pax Life Vest	S-21850-6301	64903-1141	SEPT 2023	SERVICEABLE
8	Pax Life Vest	PO1074-101W	H699897	SEPT 2023	SERVICEABLE
9	Pax Life Vest				
10	Pax Life Vest				
11	Pax Life Vest				
12	Pax Life Vest				
13	First Aid Kit	FL220-FAKFAA	0721-2112	DECEMBER 2023	OK.
14	Crash Axe Installed	LOCAL	NSN	ON CONDITION	GOOD
15	Fire Extinguisher				
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	N/A	-	-	-
OTHERS					
18	FLASH - LIGHT	- LOCAL	NSN	O/C	OK.



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INSPECTION CARD

(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	WO/057-SAM/11/2023	-	E-71-00-03	09-SEPT-2023
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SAM/0655	C-208	ENGINE	-	
9. ZONE	10. STA	11. MTC TYPE		
-	PALEMBANG.	PARTS REPLACEMENT		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
R/H AND L/H IGNITER FOUND OUT OF LIMITS.	 6415 FEBRI. H	

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
PERFORMED REPLACED R/H AND L/H IGNITER WITH THE NEW ONE DO OPC ON THE GROUND IGNITION SYSTEM WORKING GOOD AND SATISFY. REF. 74-00-00 Performed at A/C TT : 4472:11 A/C TC /LDG : 5990.	-	 09 AVIATION	

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

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
IGNITER	CH 34055	2.EA	NSN	NSN	✓	
GASKET	3010880	2.EA	NSN	NSN	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
TORQUE WRENCH	10268841 / 200305015041	30-SEPT-2023		OK.		