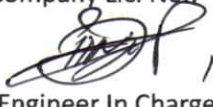




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours due at 3454 Hours.	No.	WO/096-SNM/VI/2022
	Date	6 June 2022
	A/C Reg.	PK-SNM C208-00655
Reference : MP C208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours due at 3454 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 Carried Out.	Sign & Date Company Lic. No.:  11 June 2022 (Engineer In Charge) D. Arya Permana.	Signature  (Technical Manager)

AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
6 June 2022	WO/096-SNM/VI/2022	Inspection 100 Hours	11 June 2022		
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-PC2316	3447:45/4781		
	#2	-			
Propeller/Rotor	#1	190085	3447:45/4781		
	#2	-			
Landing Gear	NLG		3447:45/4781		
	LH MLG		3447:45/4781		
	RH MLG		3447:45/4781		
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	32-20-00	Replaced Nose wheel Tire.	-	✓	
IC-002	74-20-00	Replaced 1/4 Ignition lead	-	✓	
IC-003	74-20-00	Replaced 1/4 Igniter	-	✓	
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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Dwi M.


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Dodit


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Yanuar


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Istiono



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

WO Ref: WO/096-SNM/VI/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	11/06/2022		Arya.	
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	11/06/2022		Arya.	
3	Form SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECKLIST	11/06/2022		Arya.	



INSPECTION CARD

(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
15-001	WO/096-SNM/V1/2022		32-20-00	11 June 2022
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNM	C208			
9. ZONE	10. STA	11. MTC TYPE		
NLE	TRK			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
Nose wheel Tire was worn out		11/06/2022

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Removed and Replaced Nose wheels Assy with the New Assy. IAW C208B MM # 32-20-00 Performed at A/C TT : 3947-45 A/C TC/LDG : 4751		 	11/06/2022

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
Nose wheel Assy	228K61-1	1	52922202	0330007	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
General Tools			OK
Torque wrench.	BRN50 NMTMH	AUG 2023.	OK

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
---	--	--	--	-------------------------	--

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC - 002	W0/096-SNM/11/2022		74-20-00	11 June 2022	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK - SNM	C 208.				
9. ZONE	10. STA	11. MTC TYPE			
Engine.	TRK.				

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
4/H Ignition lead Cable was inop.		11/06/2022

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
4/H Removed and Replaced 4/H Ignition lead Cable with the New. 1AW. C 208B NIM # 74-20-00. Performed at A/C TT: 3947.45 A/C TC /LDG: 4781		 	11/06/2022

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
Ignition lead.	CH 53399-02	1	-	-	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
General Tools			OK
Torque Wrench	TSPNSD-NMHRMMH	AUG 2023	OK

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
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1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC - 003	WO/0985NM/V1/2022		7A-20-00.	11 June 2022
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK - SNM.	C208			
9. ZONE	10. STA	11. MTC TYPE		
Engine.	TRK.			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
4/4 Igniter was worn out.		17/06/2022

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Removed and Replaced 4/4 Igniter with the New Part. IAW C208B MM # 72-20-00 Performed at A/C TT: 3447.45 A/C TC /LDG: 9781		 	1/06/2022

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	CH34055	1	-	-	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
General Tools	-	-	OK
Torque wrench.	DAVIDSON-MHR 4MM	AUG 2023	OK

MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK - SNM

WO/FML No. : WO/096-SNM/VI/2022

PRE – INSPECTION	
Location	Tarakon
Date	11/06/2022
Cycle	
Filed Barometric	29.92 in/hg
OAT	34 °C
Altitude	100 ft

POST – INSPECTION	
Location	Tarakon
Date	11/06/2022
Cycle	
Filed Barometric	29.92 in/hg
OAT	31 °C
Altitude	80 ft

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	795 °C	715 °C
Ng	99.5 %	98.6 %
Wf	450	447
Oil Press		92 °C
Oil Temp		67 °C
Start Temp		712 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	785 °C	726 °C
Ng	99.1 %	98.6 %
Wf	450	445
Oil Press		92 °C
Oil Temp		69 °C
Start Temp		°C

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:

PERFORMED BY			
Name	Sign & Stamp	Date	Location
D. Arya Permana		11 June 2022	TRK

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 44 – Engine PT6A-114A 100 Hours/Minor Inspection

Reg. Mark : PK - SNM Date : 11 June 2022
MSN : C208-00655 Station : TRK
TSN / CSN : 3447:45 / 4781 WO No. : WO/096-SNM/VI/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E710001	130	Do a check of the FCU manual override system for static operation.		
E710003	130	Do a compressor performance recovery wash.		
E710004	130	Inspect all accessible connections, clamps and brackets for attachment. Inspect accessible lockwire and safety cable for security and installation.		
E710005	130	Inspect of wear, chafing, cracks and corrosion for tubing, wiring, control linkage, hose assemblies. NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		
E710006	130	Examine linkages. Pay particular attention to rear linkage cam box, fuel control unit arm, telescopic rod and rod end fittings. Disconnect rod ends and clean using solvent (PWC11-027) or (PWC11-031). Lubricate with light grease (PWC04-001) after engine external wash. Examine rod end for corrosion, roughness in rotation, side play and radial play. After lubrication reinstall rod ends and torque to specified value (Ref 76-10-00). Check free movement of linkage.		
E710007	130	Inspect attachment and linkages, air, oil and fuel lines (Ref. 73-10-07/-08). NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		
E710011	130	Performed Deceleration Check		
E720001	130	Do a visual inspection of the engine exhaust duct welds.		
E720002	130	Do a visual inspection of the engine exhaust duct for cracks.		
E720003	130	External surfaces, and fireseal mount ring brackets for cracks, distortion, and corrosion of gas generator case (Ref. 72-30-04).		

Chapter 44 – Engine PT6A-114A 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E722001	130	Do a visual inspection of the air inlet screen.		
E722004	130	Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02)		
E723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion		
E731002	130	Do a visual inspection of the fuel pump (in-situ inspection only) for installation and leakage		
E731003	130	Check oil-to-fuel heater installation		
E731014	130	Check starting flow control/flow divider for installation and leaks.		
E731015	130	Check outlet filter for foreign matter or distortion (Ref. 73-10-02). (CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</u>		
E731006	130	Check drain valve for installation and leaks		
E731008	130	Do a visual inspection of the P3 filter and drain valve.		
E731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.		
E732001	130	Check FCU for installation, linkages and pneumatic tubes.		
E732002	130	Examine the FCU for bearing wash-out, shown by blue dye (grease and fuel mixed) at FCU vent.		
E792002	130	Oil filter elements and secondary screen (coarse hat-type screen attached to the inner end of the filter).		
E792003	130	Examine the forward oil transfer elbow installation on the Flange A. Make sure that the bolts tighten correctly		
*** End of Engine PT6A-114A 100 Hours Inspection Items ***				

MAINTENANCE PROGRAM **CESSNA C208/C208B**

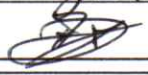
Chapter 44 – Engine PT6A-114A 100 Hours/Minor Inspection

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Arza P BASPI	Engineer MECHANIC		9505

RETURN TO SERVICE

The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : D. Arza Permana Stamp : 

Signature :  Place/Date : TRK / 11 June 2022

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 11 June 2022	A/C REG : PK-SNM
A/C TYPE : C208	CHECKER : Arya P. SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201W	2107600067	March 2030	Good.
2	Co-Pilot Life Vest	P01202-201W	21071600019	March 2030	Good.
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	-	-	April 2023	Good.
14	Crash Axe Installed	-	-	-	Good
15	Fire Extinguisher	F6C352	F60589684	Nov 2022	Good
16	Life Raft (If Installed)	-	-	-	
17	Survival Kit (If Installed)	1001-1	1827	July 2022	Good.
OTHERS					
18	Flash light.	-	-	-	Good.

[illegible]



Aircraft Registration: **PK-SNM**

WO# Nr: WO/096-SNM/VI/2022

Parts Used Sheet

2

[illegible]



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208 TTSN : 3447:45
A/C REG : PK-SNM TCSN : 4781
MSN : C208-00655 DATE : 11 June 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 3454 HOURS
REF : MP C208/C208B REV. 10

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
D. Arya Permana.	AIRFRAME & POWER PLANT	9505/SCA031	 	11 June 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 400 Hrs.
DUE AT : 3554 Hrs.

Form: SCA/MTC/049



SERVICEABLE TAG

Part Number: 228E61-1		Description: NOSE WHEEL ASSY.	
Serial Number: 52922202	Qty.: 1	☐ Form 8130-4 For Class I Product	☐ DAAO From 21-18 For Class II/III Product
Order Number:	Receipt Date:	☐ C of C For Class II Product Only	
Mfg. Date:	Vendor / Approved Shop:	The Part Identified has been :	
TSN:	Shelf Life Expiry Date:	☐ Inspected only ☐ Repaired ☒ New ☐ Other	
Remarks: Carried Out.	TSO:	CERTIFICATE OF RELEASE TO SERVICE I hereby certify that the work recorded above have been carried out in accordance with the requirements of the Indonesia Civil Aviation Safety Regulations applicable thereto and is airworthy	
	Store Inspector:		
	Main Store:		
	Condition:	Sign/Stamp 	Authority Engineer

INSTALLATION DATA

Date: 11 June 2022
A/C Reg.: PK-SNM A/C Total Time: 3447:45
Position on A/C: NLO A/C Total Landing: 4701
Technical Log Sheet Page No.: WO/096-SNM/V1/2022

Engineer Name:

Lic/Auth. No.:

Signature:

D. Arja Permana



[Signature]

Note:

Please return this Tag to Technical Record, for further data processing after Completion and Released by the LAME