



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 5479 Hours.	No.	WO/094-SNS/II/2022
	Date	15-Feb-2022
	A/C Reg.	PK-SNS C208B-2341
Reference : MP C208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

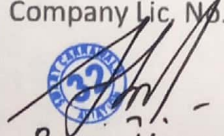
Description :

1. Perform Inspection 100 Hours Due at 5479 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.:  06-03-2022 BUDI HARTOYO (Engineer In Charge)	Signature (Technical Manager)
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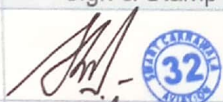
AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
15-Feb-2022	WO/094-SNS/II/2022	Inspection 100 Hours	06 MARCH 2022
A/C Type		Mfg. Serial Number	A/C Registration
C208B		C 208B-2341	PK-SNS
AIRCRAFT DATA			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PC1937	5478:01
	#2	-	
Propeller/Rotor	#1	111120	5936
	#2	-	
Landing Gear	NLG		5478:01
	LH MLG		5478:01
	RH MLG		5478:01

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>	AMM. C208B DEFF. 74-20-00	R/H LOXITER WAS WORN OUT		✓	
<u>IC-002</u>	AMM. C208B DEFF. 32-40-00	LH OUT BOARD BREAK LUNING OUT OF LIMITS.		✓	
<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/094-SNS/II/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	06 / 03.2022		Bum Haroyo	
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS INSPECTION/ MINOR INSPECTION	06 / 03.2022		Bum Haroyo	
3	SCAMTC/ 023	EMERGENCY EQUIPMENT CHECKLIST	06 / 03.2022		Bum Haroyo	



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 : 5478-01
TCSN : 5936
DATE : 06/03/2022

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 5479 HOURS
REF : MP C208B REV. 10

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
Budi Hantoyo	AIRFRAME & POWER PLANT	9506		06/03/2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 400 Hours

DUE AT 5579:00 HOURS

Form: SCA/MTC/049

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

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	WO/094-SNS/11/2022		AMM. C208B REF. 74-20-00	06 MARCH 2022
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PC-SNS	C208B			
9. ZONE	10. STA	11. MTC TYPE		
ENGINE	TMH	REPLACEMENT		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
R/H IGNITER Plug Was Worn Out		06 / 03-2022

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REMOVED AND REPLACED R/H IGNITER WITH A NEW ONE Performed at A/C TT : A/C TC /LDG :			06 / 03-2022

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		INSP	DATE
NOTICE OF INSPECTOR			

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
IGNITER Plug	CH-39055	1	NEW	NEW	✓	-
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
GENERAL TOOLS	-	-	GOOD			

MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK - SMS

WO/FML No. : WO/094-SMS/11/2022

PRE – INSPECTION	
Location	TANAH MERAH
Date	06.03.2022
Cycle	
Filed Barometric	
OAT	34
Altitude	160

POST – INSPECTION	
Location	TANAH MERAH
Date	03.2022
Cycle	
Filed Barometric	
OAT	32°C
Altitude	160 FEET

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	795 °C	730 °C
Ng	99.5 %	99.9 %
Wf	450	425
Oil Press		93 °C
Oil Temp		80 °C
Start Temp		710 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	790 °C	716 °C
Ng	99.2 %	99.6 %
Wf	450	437
Oil Press		94 °C
Oil Temp		71 °C
Start Temp		685 °C

Engine Run Up Checks							
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Random	☒		
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 ENGINE RUN RUN GOOD

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Burn H.		06 / 03.2022	TMH

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

Reg. Mark : PK - SMS
MSN : C208B - 2341
TSN / CSN : 5478 : 01 / 5936

Date : 06 MARCH 2022
Station : TANAH MERAH
WO No. : WO/094-SMS/11/2022

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).		

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>AM 6235 - 3A</u> P/N ON: <u>AM 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
BUDI HARTOYO	ENGINEER		9506

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 considered fit for Release to Service.

Name : BUDI HARTOYO Stamp :

Signature : Place/Date : TMH, 06 MARCH 2022

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 06.03.2022	A/C REG : PK-SNS
A/C TYPE : C208B.	CHECKER : Bumi. H. SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P 01202-201	19041660004	April 2023	GOOD
2	Co-Pilot Life Vest	P 01074-101W	17071100010	July 2022	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	First Aid Kit	MPN	MSN	-	GOOD
14	Crash Axe Installed	MPN	MSN	-	GOOD
15	Fire Extinguisher	C 352	X 690527	OCT '2022	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



WO# N#: WO/094-SNS/II/2022

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[illegible]

Additional Work Sheet
Inspection 100 Hours

PK-SNS

WQ# NR1

WO/094-SNS/II/2022

Parts Used Sheet

2

Part Used

Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer
06.03.2012	PT6A-119 & 100 lbs Jet CH 340ST	-	100 Hrs Jet	1 KIT	
06.03.2012		-	IGNITER	1 ea	