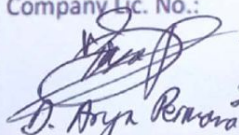




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 5279 Hours.	No.	WO/089-SNS/XII/2021
	Date	15-Dec-2021
	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 5279 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 :		
Compliance Statement	Sign & Date Company Lic. No.:  23 Dec 2021 (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		
15-Dec-2021	WO/089-SNS/XII/2021	Inspection 100 Hours	23 Dec 2021		
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	2347:24 / 2901		
	#2	-			
Propeller/Rotor	#1	111120	1419:05 / -		
	#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	ANM C208B. # 74-20-00	C/H Igniter was worn 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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SUMMARY INSPECTION ITEMS
(Form: SCA/MTC/050)

WO Ref: WO/089-SNS/XII/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	23 Dec 2021		D. Arja Permana	
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS INSPECTION/ MINOR INSPECTION	23 Dec 2021		D. Arja Permana	
3	SCA/MTC/ 023	EMERGENCY EQUIPMENT CHECKLIST	23 Dec 2021		D. Arja Permana	



INSPECTION CARD (Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	WO/89-SNS/X11/2021		AMM - C208 74-20-00	23 Dec 2021
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNS	C208B			
9. ZONE	10. STA	11. MTC TYPE		
Engine	NBX	Replacement		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
L/H Igniter was worn out		23/ DEC-2021

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Removed and Replaced L/H Igniter with the New			23/ DEC-2021
Performed at A/C TT : 5276:28 A/C TC /LDG : 5597			

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-39055	1	-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
General Tools	-	N/A		Good		

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK - SMS

WO/FML No. : WO/089/SMS/XII/2021

PRE – INSPECTION	
Location	NABIRE
Date	23 Dec 2021
Cycle	
Filed Barometric	29,92 inHg.
OAT	30 °C
Altitude	200 ft

POST – INSPECTION	
Location	NABIRE
Date	23 Dec 2021
Cycle	
Filed Barometric	29,92 inHg.
OAT	28 °C
Altitude	140 ft

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	780 °C	728 °C
Ng	99 %	99,7 %
Wf	450	434
Oil Press		94 °C
Oil Temp		72 °C
Start Temp		753 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	775 °C	710 °C
Ng	98,5 %	99,1 %
Wf	450	433
Oil Press		93 °C
Oil Temp		65 °C
Start Temp		720 °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 BY

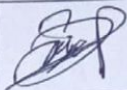
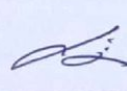
Name	Sign & Stamp	Date	Location
D. Arya Permara.		23 Dec. 2021	MBX

Revision No. : 03
SCA/TEK/1-001
26 September 2019

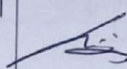
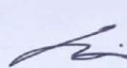
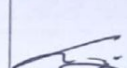
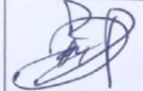
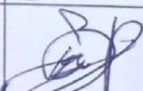
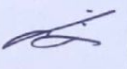
Page B02.1

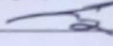
Chapter 44 – Engine PT6A-114A 100 Hours/Minor Inspection

Reg. Mark : PK - SNS Date : 23 Dec 2021
 MSN : 208B-2341 Station : NBX
 TSN / CSN : 527628/5597 WO No. : WO/089/-SNS/XII/2021

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

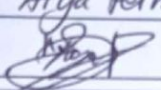
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E722001	130	Do a visual inspection of the air inlet screen.		
E722004	130	Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02)		
E723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage 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 ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
YOHAN.S. DEPARI	MECHANIC		
RIZMAL - G	ENGINEER		9694
RANER A. J	ENGINEER		4685

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. Arya Permana. Stamp : 

Signature :  Place/Date : NBX / 23 Dec. 2021



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 : 5276:28
TCSN : 5597
DATE : 23 Dec. 2021

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 5279 HOURS
REFF : MP 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. Ariya Permana	AIRFRAME & POWER PLANT	9505/SCA031	 	23 Dec. 2021
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 Hrs
DUE AT : 5379 HOURS

Form: SCA/MTC/049



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 23 Dec 2021	A/C REG : PK-SMS
A/C TYPE : C208B	CHECKER : Arya . P SIGN: [Signature] SCA 031

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19041660004	April 2023	Good
2	Co-Pilot Life Vest	P01079-101W	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	Firt Aid Kit	NPN	NSN	-	Good
14	Crash Axe Installed	NPN	NSN	-	Good
15	Fire Extinguisher	C352	X690527	Oct 2022	Good
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



Parts Used Sheet

2

WO# Nr: WO/089-SNS/XII/2021

PK-SNS

Aircraft Registration:

Part Used

[illegible]



Additional Work Sheet Inspection 100 Hours

Aircraft Registration:

WO# Nr: WO/089-SNS/XII/2021

Parts Used Sheet

1

[illegible]