



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 5680.21 Hours.	No.	WO/102-SNS/V/2022
	Date	23 May 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 5680.21 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 :

- REF TO INSPECTION CARD.

Compliance Statement INSPECTION 100 HRS CARRIED OUT	Sign & Date Company Lic. No.: (Engineer In Charge)	14 JUNE 2022 SCA 28 	Signature (Technical Manager)
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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
23 May 2022	WO/102-SNS/V/2022	Inspection 100 Hours	14 JUNE 2022

A/C Type C208B	Mfg. Serial Number C208B-2341	A/C Registration PK-SNS
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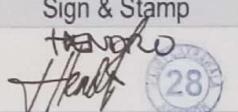
AIRCRAFT DATA

Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PC19378 12883	2576:36 /3517
	#2	-	
Propeller/Rotor	#1	111120	802:13 /802:13
	#2	-	
Landing Gear	NLG		6196 / 6196
	LH MLG		6196 / 6196
	RH MLG		6196 / 6196

PACKAGE COVERED

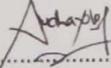
No	Subject	Qty	Remark
1	Non-Routine Card	-	
2	Inspection Card	1	✓
3	Work Order	1	✓
4	Summary Inspection List	1	✓
5	Material and Tool List	-	
6	Escalation form	-	
7	CRS (SMI / Unscheduled Maintenance)	1	✓

INSPECTION CARD (IC) LIST (Finding during maintenance)

No	Taskcard Ref	Subject	Status		Name/ Sign & Stamp
			Open	Close	
IC-001		REPLACE LH & OCLOCK POSITION SPARK IGNITER D/T WORN		✓	 28
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


Dwi M.

Checked by :
Chief Maintenance


Dodit

Verified by :
Chief Inspector


Yanuar

Approved by :
Technical Manager


Istiono



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

WO Ref: WO/102-SNS/V/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	14 JUN 22	0.5 MHR	HENDRO	
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS INSPECTION/ MINOR INSPECTION	14 JUN 22	10 MHR	HENDRO	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	14 JUN 22	0.5 MHR	HENDRO	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE	CESSNA 208B	TTSN	5674:31
A/C REG	PK-SNS	TCSN	6196
MSN	C208B-2341	DATE	14 JUNE 2022

TYPE OF INSPECTION	: INSPECTION 100 HOURS
DUE AT	: 5680.21 HOURS
REF	: 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
HENDRO T	AIRFRAME & POWER PLANT	5583/28		14 JUNE 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS (INSPECTION)

DUE AT : 5779 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/102-SNS/V/2022			14 JUNE 2022
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNS/2341	C208B			
9. ZONE	10. STA	11. MTC TYPE		
ENGINE				

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
L/H 9 O'CLOCK POSITION SPARK IGNITER POUND WORK	<i>Hendy</i> 5583	14 JUN 2022

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
REPLACE L/H IGNITER PLUG P/N: CH34055 C/o IAW EMM 7400-00 PTG A-114A REV. A2, DATE: 17 JAN 22		<i>Hendy</i> 5583	14 JUN 2022
Performed at A/C TT: 567A:31 A/C TC/LDG: 6196			
20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	<input type="checkbox"/> Environment	<input type="checkbox"/> Internal Leakage	<input type="checkbox"/> Chemical Spill
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread	<input type="checkbox"/> LAV/Galley Spill	<input type="checkbox"/> Blocked Drain	<input type="checkbox"/> Wet Insulation Blanket
CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> Others	<input type="checkbox"/> Other	
PROPOSED ACTION <input type="checkbox"/> Doublers			
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 34055	1	XSN	XSN	✓	-
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		



MAINTENANCE PROGRAM

CESSNA C208/C208B

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK-SNS

WO/FML No. : WO/102-SNS/V/2022

PRE – INSPECTION	
Location	MKQ
Date	14 JUNE 2022
Cycle	6194
Filed Barometric	1013
OAT	20 °C
Altitude	20 ft

POST – INSPECTION	
Location	MKQ
Date	14 JUNE 2022
Cycle	6196
Filed Barometric	1013
OAT	30 °C
Altitude	20 ft

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	778 °C	725 °C
Ng	99 %	99.8 %
Wf	450	430
Oil Press		93 °C
Oil Temp		62 °C
Start Temp		720 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	780 °C	728 °C
Ng	99 %	99.5 %
Wf	450	420
Oil Press		93 °C
Oil Temp		53 °C
Start Temp		728 °C

Engine Run Up Checks													
Inertial	<input checked="" type="checkbox"/>	EPL	<input checked="" type="checkbox"/>	OVG	<input checked="" type="checkbox"/>	Stby Alt	<input checked="" type="checkbox"/>	BOV	<input checked="" type="checkbox"/>	Brake	<input checked="" type="checkbox"/>	Random	<input checked="" type="checkbox"/>
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:

GROUND RUN PERFORMANCE CHECK
SATISFACTORY

PERFORMED BY			
Name	Sign & Stamp	Date	Location
HENDRO		14 JUN 22	MKQ



MAINTENANCE PROGRAM
CESSNA C208/C208B

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

Reg. Mark	: PK - SNS	Date	: 14 JUNE 2022
MSN	: C208B-2341	Station	: MELAKA
TSN / CSN	: 567A:81 / 6106	WO No.	: WO/102-SNS/V/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).		



MAINTENANCE PROGRAM
CESSNA C208/C208B

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.	<i>Mark</i>	28
E722004	130	Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02)	<i>Mark</i>	28
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	<i>Mark</i>	28
E731002	130	Do a visual inspection of the fuel pump (in-situ inspection only) for installation and leakage	<i>Mark</i>	28
E731003	130	Check oil-to-fuel heater installation	<i>Mark</i>	28
E731014	130	Check starting flow control/flow divider for installation and leaks.	<i>Mark</i>	28
E731015	130	Check outlet filter for foreign matter or distortion (Ref. 73-10-02). (CLEANING / REPLACEMENT) P/N OFF: AN 6225-2A P/N ON: AN 6225-3A	<i>Mark</i>	28
E731006	130	Check drain valve for installation and leaks	<i>Mark</i>	28
E731008	130	Do a visual inspection of the P3 filter and drain valve.	<i>Mark</i>	28
E731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corosions are found, replace filter.	<i>Mark</i>	28
E732001	130	Check FCU for installation, linkages and pneumatic tubes.	<i>Mark</i>	28
E732002	130	Examine the FCU for bearing wash-out, shown by blue dye (grease and fuel mixed) at FCU vent.	<i>Mark</i>	28
E792002	130	Oil filter elements and secondary screen (coarse hat-type screen attached to the inner end of the filter).	<i>Mark</i>	28
E792003	130	Examine the forward oil transfer elbow installation on the Flange A. Make sure that the bolts tighten correctly	<i>Mark</i>	28

*** End of Engine PT6A-114A 100 Hours Inspection Items ***



MAINTENANCE PROGRAM

CESSNA C208/C208B

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

PERSONNEL PRINCIPALIZING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Frank	Engineer	Frank	5583

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 : Frank Stamp : 28
Signature : Frank Place/Date : MKG/14 JUNO 2022



EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR

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

DATE : 14 JUNE 2022	A/C REG : PK-SNS
A/C TYPE : C208B	CHECKER : <i>Abenard</i> SIGN: <i>Handika</i>

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P0202-201	19041660004	APR, 2023	Satisfy
2	Co-Pilot Life Vest	P01074-101W	19071100010	JUL, 2022	Satisfy
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				
14	Crash Axe Installed	LOCAL	N/N	-	Good
15	Fire Extinguisher	C 352	X 690527	OCT, 2022	Satisfy
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



Additional Work Sheet

Aircraft Registration: **PK-SNS**

WO# Nr: **WO/102-SNS/V/2022**

Parts Used Sheet

1

Special Tool Used



Additional Work Sheet

Aircraft Registration: **PK-SNS**

WO# Nr: WO/102-SNS/V/2022

Parts Used Sheet

2

Part Used

Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer
14 JUNE 2022	CH 34055	NSN	IGNITER	1 ea	Hendro
	AN 6235-3A	NSN	FILTER	1 ea	Hendro
	MS25988-1-212	NSN	O-RING	1 ea	Hendro
	AN25988/1-916 FP	NSN FP	O-RING #	1 ea	
	M 25988-1-628	NSN	O-RING	1 ea	Hendro
	MS 3248/1-015 /	NSN	O-RING	1 ea	Hendro
	AS 3208-015				
	AS 3209 - 143	NSN	O-RING	1 ea	Hendro
	AS 3200- 224	NSN	O-RING	1 ea	Hendro
	MS 25513- 257	NSN	O-RING	1 ea	Hendro
	MS 29513- 013	NSN	O-RING	1 ea	Hendro
	MS 28778-6	149	O-RING	1 ea	Hendro