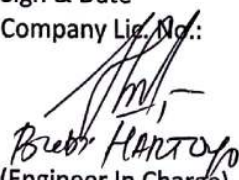




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours	No.	WO/024-SNO/VII/2023
	Date	28 Jul 2023
	A/C Reg.	PK-SNO C208B-2375
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hrs 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 Ltr No.:  (Engineer In Charge)	Signature  (Technical Manager)



INSPECTION CARD

(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
	W0/024-SMO/VII/2023		32-40-00	30 JULY 2023
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SMO	C208B-2375			
9. ZONE	10. STA	11. MTC TYPE		
MAIN L/S	NBX			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
1. R/H SIDE M/L PRESSURE PLATE WORN OUT 2. R/H SIDE SHIM BROKEN.		30/07/2023

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
1. REPLACED PRESSURE PLATE WITH NEW ONE 2. REPLACED SHIM WITH NEW ONE.		9506	30/07/2023
Performed at A/C TT : A/C TC /LDG :			

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
PRESSURE PLATE	073-08502	1	MSN	MSN	✓	
SHIM	068-02800	1	MSN	MSN	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
TORQUE WRENCH	TA-0250	NOV. 2023		GOOD		

MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK - 820

WO/FML No. : WO/024-5460/11/2023

PRE – INSPECTION	
Location	KIBX
Date	30 JULY
Cycle	
Filed Barometric	29.92
OAT	30°
Altitude	150

POST – INSPECTION	
Location	KIBX
Date	30 JULY 2023
Cycle	
Filed Barometric	29.92
OAT	30°
Altitude	150

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	780 °C	780 °C
Ng	99 %	98.8 %
Wf	450	450
Oil Press		97 °C
Oil Temp		66 °C
Start Temp		750 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	780 °C	729 °C
Ng	99 %	99 %
Wf	450	450
Oil Press		97 °C
Oil Temp		70 °C
Start Temp		711 °C

Engine Run Up Checks

Inertial ☒ EPL ☒ OVG ☒ Stry 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 GROUND RUN.
SATISFACTORY

PERFORMED BY

Name	Sign & Stamp	Date	Location
BUDY KANTOPO		30/07/2023	KABIDES.

Issued: 01

SCA/TEK/1-001

15 December 2022

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MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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		
D282101	130	Firewall Mounted Fuel Filter Servicing Task 28-21-00-610		
*** End of Engine PT6A-114A 100 Hours/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
JUHADI SAPUTRA	MECHANIC		
ARIE MAGBDAH	MECHANIC		

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 : BUD HARDOYO Place/Date : MBX / 30 JULY 2023
 Sign & Stamp : 

Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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		
D282101	130	Firewall Mounted Fuel Filter Servicing Task 28-21-00-610		
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.		

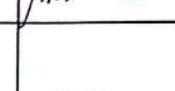
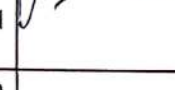
Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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).		
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.		

Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

Reg. Mark : PK- SNO
MSN : C208B-2375
TSN / CSN : 6882:51 / 9660

Date : 30 JULY 2023
Station : NBX
WO No. : WO/024-SNO/VII/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII 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.		

Issued: 01
SCA/TEK/1-001
15 December 2022

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

WO Ref: WO/024-SNO/VII/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B07	PT6A-114A ENGINE GROUND RUN	30/07/2023		Bubi.H.	
2	APPENDIX D01	PT6A-114A ENGINE 100 HOURS INSPECTION	30/07/2023		Bubi.H.	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	30/07/2023		Bubi.H.	

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
28 Jul 2023	WO/024-SNO/VII/2023	100 HRS INSP.			
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C08B-2375	PK-SNO		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PC1937	6882:51/9660		
	#2	-			
Propeller/Rotor	#1	111120	6882:51/9660		
	#2	-			
Landing Gear	NLG		6882:51/9660		
	LH MLG		6882:51/9660		
	RH MLG		6882:51/9660		
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	1			
6	Escalation form	-			
7	CRS (SMI / Unscheduled Maintenance)	-			
INSPECTION CARD (IC) LIST (Finding during maintenance)					
No	Taskcard Ref	Subject	Status	Name/ Sign & Stamp	
			Open	Close	
<u>IC-001</u>	32-40-00	REPLACED PRESSURE PLATE WITH NEW ONE		✓	<i>[Signature]</i> Budi H.
<u>IC-002</u>	32-40-00	REPLACED SHIM WITH NEW ONE		✓	<i>[Signature]</i> Budi H.
<u>IC-003</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager

[Signature]
Hani

[Signature]
Dodit

[Signature]
Yanuar

[Signature]
Istiono



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE : CESSNA 208B
A/C REG : PK-SNO
MSN : C208B-2375

TTSN : 6882.51
TCSN : 9660
DATE : 30 JULY 2023

TYPE OF INSPECTION : INSPECTION 100 HOURS ENGINE
DUE AT : 6888 HRS
REF : MP 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
Budi Hartoyo	AIRFRAME & POWER PLANT	9506 		30 July 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : INSPECTION 400 HRS ENGINE AND 200 HRS AIRFRAME
DUE AT : 6988:00 HRS.

Form: SCA/MTC/049



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 30 July 2023

A/C REG : PK-SKD

A/C TYPE : C208B

CHECKER : Bum-H

SIGN:

[Signature]

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	22090440296	SEPT. 2023	GOOD
2	Co-Pilot Life Vest	P01202-201	22090440286	02 JULY 2023	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	FAK	NSM	15 DEC '2023	GOOD
14	Crash Axe Installed	NPN	NSM	o/c	GOOD
15	Fire Extinguisher	C352	F75060951	NOV. 2023	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
	FLASH LIGHT	NPN	NSM	o/c	GOOD



WO# Nr: **WO/024-SNO/VII/2023**

Additional Work Sheet
100 Hrs
Inspection
Parts Used Sheet

[illegible]



Aircraft Registration: **PK-SNO**



WO# Nr: **WO/024-SNO/VII/2023**

Additional Work Shee
100 Hrs
Inspection
Parts Used Sheet

Date	Part Nr.	Serial Nr.	Part Used	Description	Quantity	Engineer
30/07/2023	PTG-114 A	ASN	100 HR KIT		1	Budi
30/07/2023	PRESSURE PLATE -		PRESSURE PLATE -		1	Budi
30/07/2023	073-08502		PRESSURE PLATE ASY		1	Budi
30/07/2023	068-02800		SHIM		1	Budi
30/07/2023	177-00300		PIN CARRIER		1	Budi
30/07/2023	MS 29513-237		PACKING O-RING		1	Budi
30/07/2023	MS 29513-013		ORING		1	Budi
30/07/2023	MS 28778-6		ORING		1	Budi
30/07/2023	ANG 235-3A		FUEL FILTER		1	Budi
30/07/2023	MS 25988-1-212		OUTLET O-RING		1	Budi
30/07/2023	MS 25988/1-916		ORING		1	Budi
30/07/2023	MB3248/1-015		ORING		1	Budi
30/07/2023	ALT AS 3209-015		ORING		1	Budi
30/07/2023	AS 3209-120		ORING		1	Budi
30/07/2023	AS 3209-143		ORING		1	Budi
30/07/2023	AS 3209-224		ORING		1	Budi