



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours	No.	WO/020-SNO/VI/2023
	Date	12 Jun 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		

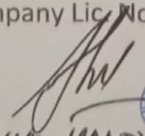
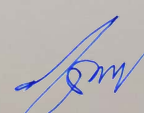
Description :

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 :

M/L

Compliance Statement	Sign & Date Company Lic. No.:  Budi Handoyo (Engineer In Charge) 15. JUNE 2023 	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		
12 Jun 2023	WO/020-SNO/VI/2023	100 Hrs Insp.			
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-2375	PK-SNO		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PC1937			
	#2	-			
Propeller/Rotor	#1	111120			
	#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	
<u>IC-001</u>					
<u>IC-002</u>					
<u>IC-003</u>					
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					

Appendix B - Form: SCA/MTC/051

<u>00</u>					
<u>00</u>					
<u>00</u>					
<u>010</u>					
<u>011</u>					
<u>01</u>					
<u>013</u>					
<u>014</u>					
<u>01</u>					

Technical Support



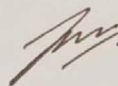
Hani

Chief Maintenance



Dodit

Chief Inspector



Yanuar

Technical Manager



Istiono



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

WO Ref: WO/020-SNO/VI/2023

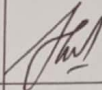
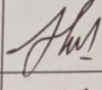
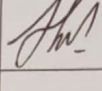
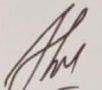
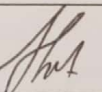
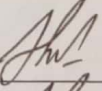
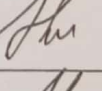
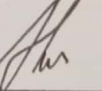
NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B07	PT6A-114A ENGINE GROUND RUN	15/02/2023		Bum. H.	
2	APPENDIX D01	PT6A-114A ENGINE 100 HOURS INSPECTION	14/06/2023		Bum. H.	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	14/06/2023		Bum. H.	

Appendix B - Form: SCA/MTC/050

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

Reg. Mark : PK- SMO
MSN : C208B-2375
TSN / CSN :

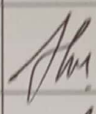
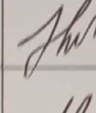
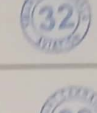
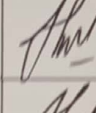
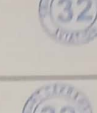
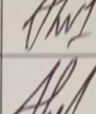
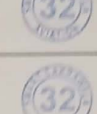
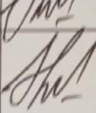
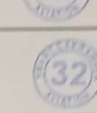
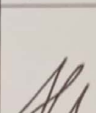
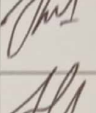
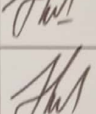
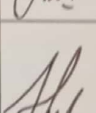
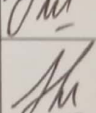
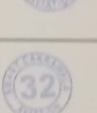
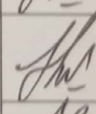
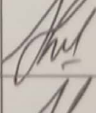
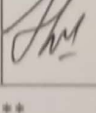
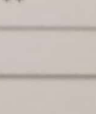
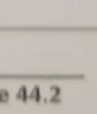
Date : 15 / 06 / 2023
Station : TALAIA MENAH
WO No. : WO/020-SMO/V1/2023

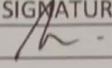
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E710001	130	Do a check of the FCU manual override system for static operation.		
E710003	130	Do a compressor performance recovery wash.		
E710004	130	Inspect all accessible connections, clamps and brackets for attachment. Inspect accessible lockwire and 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).		

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

Page 44.1

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

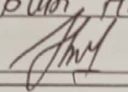
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E722001	130	Do a visual inspection of the air inlet screen.		
E722004	130	Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02)		
E723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage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

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 : Budi Hartoyo Stamp : 

Signature :  Place/Date : TMH. 15/06/2023



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 : 6683-48
TCSN : 9349
DATE : 15/06/2023

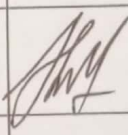
TYPE OF INSPECTION : INSPECTION 100 HRS
DUE AT : 6788-00
REFF : MP C208B ISSUED 01

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
Budi Hartoyo	AIRFRAME & POWER PLANT	9506	 	15/06/2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : NEXT INSPECTION 400 HRS AIRFRAME
AND 600 HRS ENGINE.
DUE AT : 6788-00 Hours.

Form: SCA/MTC/049

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

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
9. ZONE	10. STA	11. MTC TYPE			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
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

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS

Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK - Snel

WO/FML No.

: W0/020-210/V1/2023

PRE – INSPECTION	
Location	TANEAH MERAH
Date	14/06/2023
Cycle	
Filed Barometric	29.92
OAT	32 °C
Altitude	100 ft

POST – INSPECTION	
Location	TANEAH MERAH
Date	15/06/2023
Cycle	
Filed Barometric	29.92
OAT	27 °C
Altitude	100 ft

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	780 °C	765 °C
Ng	99.2 %	98.6 %
Wf	450	450
Oil Press		98 °C
Oil Temp		66 °C
Start Temp		765 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	772 °C	715 °C
Ng	98.5 %	98.3 %
Wf	450	450
Oil Press		97 °C
Oil Temp		66 °C
Start Temp		740 °C

Engine Run Up Checks

Inertial ☒ EPL ☒ OVG ☒ Stby Alt ☒ BOV ☒ Brake ☒ Randown ☒

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

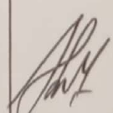
Note:

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
GRAND RUN FOUND
SATISFACTORY

PERFORMED BY

Name	Sign & Stamp	Date	Location
Budi Hartono		15/06/2023	TMH

Issued: 01

SCA/TEK/1-001

15 December 2022

Page B07.1



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 15 JUNE 2023

A/C REG : PK-810

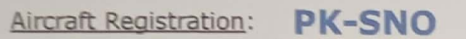
A/C TYPE : C208B

CHECKER : Budi H.

SIGN:

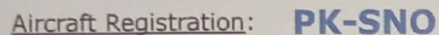
No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101W	17050540052	MAY 2024	SERVICEABLE
2	Co-Pilot Life Vest	P01074-101W	17050540032	MAY 2024	SERVICEABLE
3	Pax Life Vest				
4	Pax Life Vest				
5	Pax Life Vest				
6	Pax Life Vest				
7	Pax Life Vest				
8	Pax Life Vest				
9	Pax Life Vest				
10	Pax Life Vest				
11	Pax Life Vest				
12	Pax Life Vest				
13	First Aid Kit	FAK	NSM	15-DEC-2023	SERVICEABLE
14	Crash Axe Installed	NPN	NSM	O/C	SERVICEABLE
15	Fire Extinguisher	C 352	F75060951	NOV-2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
	FLASH LIGHT	NPN	NSM	O/C	SERVICEABLE

Appendix B - Form: SCA / MTC / 023



Additional Work Sheet
100 Hrs
Inspection
Parts Used Sheet

[illegible]



Additional Work Sheet
100 Hrs
Inspection
Parts Used Sheet

[illegible]