



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 1900 Hours.	No.	WO/038-SNW/V/2022
	Date	25 May 2022
	A/C Reg.	PK-SNW C208B-5579
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 1900 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 <i>CARRIED OUT</i>	Sign & Date Company Lic. No.: SCA 021  Ridzani G. (Engineer In Charge)	Signature  Istiono (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
25 May 2022	WO/038-SNW/V/2022	Inspection 100 Hours	04-06-2022		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5579	PK-SNW		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0651	1895:47/3064		
	#2	-			
Propeller/Rotor	#1	190815	1895:47/3064		
	#2	-			
Landing Gear	NLG		1895:47/3064		
	LH MLG		1895:47/3064		
	RH MLG		1895:47/3064		
PACKAGE COVERED					
No	Subject	Qty	Remark		
1	Non-Routine Card	-			
2	Inspection Card	-			
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	79-70-00	REPLACED IGNITER		✓	 
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					

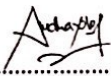
<u>IC-007</u>					
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<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


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Dwi M.


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Dodit


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Yanuar


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Istiono



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

WO Ref: WO/038-SNW/V/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	04/22 06		RIDZAL G	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	04/22 06		RIDZAL G	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	04/22 06		RIDZAL G	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE
SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : CESSNA 208B

A/C REG : PK-SNW

MSN : C208B-5579

TTSN : 1895:47

TCSN : 3064

DATE : 04-06-22

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 1900 HOURS

REF : MP 208/208B 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
RIZDAL GHAZALI	AIRFRAME & POWER PLANT	9694 SCA021	 	04 / 06 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 400 HOURS

DUE AT : 2000 HOURS

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
1C-001	NO/038-SNW/1/2022		74-20-00	04-06-2022	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNW	C208TB				
9. ZONE	10. STA	11. MTC TYPE			
ENGINE	TMH				

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
LH SIDE IGNITER WAS WORN OUT		04/2022 06

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED LH IGNITER WITH A NEW ONE. 1AW C208TB MM 74-20-00 Performed at A/C TT : 1805:47..... A/C TC /LDG : 3064.....			04/2022 06

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	CH 34055	1	NSN	NSN	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE WRENCH	QD150/TA 00250	NOV 2023	OK

MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNW

WO/FML No. : WO/038-SNW/V/2022

PRE – INSPECTION	
Location	TANAM MERAH
Date	04-06-2022
Cycle	
Filed Barometric	29.85 IN
OAT	39°C
Altitude	100 FT

POST – INSPECTION	
Location	TANAM MERAH
Date	04-06-2022
Cycle	
Filed Barometric	29.83 IN
OAT	28°C
Altitude	100 FT

PRE – INSPECTION		
	Target	Actual
Tq		2397
Np		1880
ITT	°C	830 °C
Ng	%	101.0 %
Wf		548
Oil Press		91 °C
Oil Temp		71 °C
Start Temp		718 °C

POST – INSPECTION		
	Target	Actual
Tq		2397
Np		1880
ITT	°C	816 °C
Ng	%	100.1 %
Wf		534
Oil Press		91 °C
Oil Temp		67 °C
Start Temp		642 °C

Engine Run Up Checks													
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒	BOV	☒	Brake	☒	Random	☒
NOTE: 1. Brake system at Torque 2000 ft-lbs. 3. EPL check can't exceed 4% Ng per second. 5. Low idle at 55.5 - 57% 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 C208B EX)

OAT (°C)	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Tq (ft.lbs)	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397
Np	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
ITT (°C)	835	837	839	841	841	841	841	841	841	842	843	844	846	846	846
Ng (%)	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.5
WF (PPH)	578	578	578	578	578	578	578	570	565	565	560	560	555	548	548

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 580 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
PIDZAL.G		04-06-2022	TMH

Revision No. : 03

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SCA/TEK/1-001

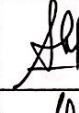
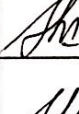
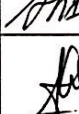
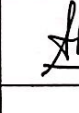
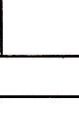
26 September 2019

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK - SNW
MSN : C208B-5579
TSN / CSN : 1895:47 / 3064

Date : 04-06-2022
Station : TANAH MERAH
WO No. : WO/038-SNW/V/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F710001	130	Do a check of the FCU manual override system for static operation. For the engines installed with a manual override system only.		
F710003	130	Do a compressor performance recovery wash		
F720000	130	Do a visual inspection of the Control Linkages and wiring.		
F720001	130	Do a visual inspection of the engine exhaust duct welds.		
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.		
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.		
F720004	130	Do a visual inspection of the rear fireseal mounting ring.		
F722001	130	Do a visual inspection of the air inlet screen.		
F723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion		
F725005	130	Do a detailed inspection of the turbine exhaust duct.		
F731002	130	Do a check for the fuel pump installation and leaks.		
F731003	130	Do a check of the oil-to- fuel heater installation		
F731035	130	Do a visual Inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element (CLEANING / REPLACEMENT) P/N OFF: <u>ANG235-3A</u> P/N ON: <u>ANG235-3A</u>		

Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F731006	130	Do a check of the drain valve for installation and leaks		
F731007	130	Do a check of the flow divider for installation and leaks.		
F731008	130	Do a visual inspection of the P3 filter and drain valve.		
F731015	130	Do a visual inspection of Fuel Pump outlet filter. (CLEANING / REPLACEMENT) P/N OFF: <u>AN6235-34</u> P/N ON: <u>AN6235-34</u>		
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.		
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.		
F792000	130	Inspect and clean oil filter for debris.		
*** End of Engine PT6A-140 100 Hours Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
PIDZAL GHAZALI	ENGINEER		9634
Farman Idris Hamzah	mekanik		
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 consider fit for Release to Service.			
Name	: <u>PIDZAL GHAZALI</u>	Stamp	: 
Signature	: 	Place/Date	: <u>TMH, 04-06-2022</u>



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 04-06-2022

A/C REG : PK-SNW

A/C TYPE : C208B

CHECKER : RIDZAL . G

SIGN:

[Signature]

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	20080480025	DEC 2024	SATISFY
2	Co-Pilot Life Vest	P01202-201	20080480050	DEC 2024	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	Firt Aid Kit		0020-1630	SEPT 2022	SATISFY
14	Crash Axe Installed	NPN	NSN	O/C	SATISFY
15	Fire Extinguisher	C352	F75060951	NOV 2022	SATISFY
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	LSK-1-5	479287	NOV 2022	SATISFY
OTHERS					
18.	FLASH LIGHT	NPN	NSN	O/C	SATISFY



Parts Used Sheet

WO# Nr: **WO/038-SNW/V/2022**

[illegible]



Additional Work Sheet

Inspection 100 Hours

Parts Used Sheet

Aircraft Registration: **PK-SNW**

WO# Nr: WO/038-SNW/V/2022

Part Used

[illegible]