



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Inspection Due at 900 FH	No.	WO/021-SNJ/VI/2022
	Date	6 June 2022
	A/C Reg.	PK-SNJ C208B-5640
Reference : MP C208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform 100 Hours Inspection Due at 900 FH. 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 : WO/021-SNJ/VI/2022		
Compliance Statement CARRIED OUT	Sign & Date Company Lic. No.: DENI SOBANI (Engineer In Charge) 20 JUNE 2022	Signature (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
6 June 2022	WO/021-SNJ/VI/2022	100 Hours Inspection	20 JUNE 2022	
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5640	PK-SNJ	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0738	897:50 / 1305	
	#2	-		
Propeller/Rotor	#1	210140	897:50 / 1305	
	#2	-		
Landing Gear	NLG		897:50 / 1305	
	LH MLG		897:50 / 1305	
	RH MLG		897:50 / 1305	
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 Open Close	Name/ Sign & Stamp
IC-001	REPLACEMENT 32-40-00	BRAKE LINING R/H SIDE INBOARD WORN		✓ DENI
IC-002	REPLACEMENT 34-10-10	IGNITER PLUG R/H SIDE WORN OUT		✓ DENI
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


Dwi M.


Dodit


Yanuar


Istiono



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

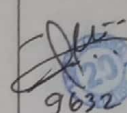
WO Ref: WO/021-SNJ/VI/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	20 JUN 22	1 HRS	DENI SOBALI	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	20 JUN 22	6 HRS	DENI SOBALI	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	20 JUN 22	0.5 HRS	DENI SOBALI	

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC 001	60102-SN1/VI/2022		32-40-00	20 JUNE 2022	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PCAN C208B5640	C208B-EX	AIRFRAME			
9. ZONE	10. STA	11. MTC TYPE			
	THH	REPLACEMENT			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
BRAKE LINING 4H SIDE INBOARD WEAR OUT	DEN'S	20/ JUN 2022

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED BRAKE LINING WITH NEW 1AW CWOBB CHAPTER 32-40-00. Performed at A/C TT: 897:50 A/C TC /LDG: 130J		 9632	20/ JUNE 2022

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			

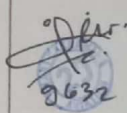
22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
066-15300	BRAKE LINING	4	-	-	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE WRENCH	TA 250	NOV 2022	SERVICEABLE
GENERAL TOOL	-	-	GOOD

		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-002	W01021-SN3/VI/2022		REPLACEMENT 74-10-02	20 JUNE 2022	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PR-SN3 C20885640	C2088-EX	POWER PLANTS			
9. ZONE	10. STA	11. MTC TYPE			
	THH	REPLACEMENT			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
IGNITER R/H SIDE WORN OUT	DEW/5	20/ JUN 22

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED IGNITER WITH NEW REF TO : EMM CHAPTER 740-00-00 . REV.15 Performed at A/C TT : 897:50 A/C TC /LDG : 1305		 20/ JUN 2022	

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	☐ Blocked Drain		
☐ Doublers	☐ Wet Insulation Blanket		
☐ Others	☐ 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	CH34055	1	-	-	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE WRENCH	SMD 250	NOV 2023	GOOD
GENERAL TOOL	-	-	GOOD



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : CESSNA 208B
A/C REG : PK-SNJ
MSN : C208B-5640

TTSN : 897-50
TCSN : 1305
DATE : 20 JUNE 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 900 FH
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
DENI SOBALI	AIRFRAME & POWER PLANT	9632 SCA 20		20 JUNE 2022
/	EIRA	/	/	

THE NEXT DUE TYPE OF INSPECTION : 200 HRS

DUE AT : 1000 FH.

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNJ

WO/FML No. : WO/021-SNJ/VI/2022

PRE – INSPECTION	
Location	TTH
Date	20 June 22
Cycle	1
Filed Barometric	1008 hpa
OAT	38C
Altitude	80 ft

POST – INSPECTION	
Location	TTH
Date	20 June 2022
Cycle	1
Filed Barometric	1010 hpa
OAT	27C
Altitude	60

PRE – INSPECTION		
	Target	Actual
Tq	2357	2357
Np	1900	1880
ITT	844 °C	816 °C
Ng	102.6 %	101.0 %
Wf	560	527
Oil Press		98 °C
Oil Temp		71 °C
Start Temp		760 °C

POST – INSPECTION		
	Target	Actual
Tq	2357	2357
Np	1900	1890
ITT	835 °C	787 °C
Ng	102.7 %	102.2 %
Wf	528	525
Oil Press		94 °C
Oil Temp		64 °C
Start Temp		737 °C

Engine Run Up Checks							
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Randomn	☒		
NOTE: 1. Brake system at Torque 2000 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 55.5 - 57% 40Amps. 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
DENI SOBALI		20 June 2022	TTH

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

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MAINTENANCE PROGRAM **CESSNA C208/C208B**

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

Reg. Mark : PK - SNJ Date : 20 June 2022
 MSN : C208B-5640 Station : TTH
 TSN / CSN : 807:50 / 1305 WO No. : WO/021-SNJ/VI/2022

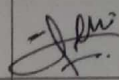
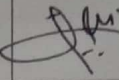
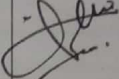
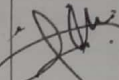
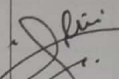
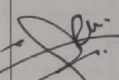
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F710001	130	Do a check of the FCU manual override system for static operation. For the engines installed with a manual override system only.		
F710003	130	Do a compressor performance recovery wash		
F720000	130	Do a visual inspection of the Control Linkages 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: 4N 6235-3A P/N ON: 4N 6235-3A		

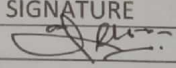
Revision No. : 05
 SCA/TEK/1-001
 23 April 2020

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MAINTENANCE PROGRAM CESSNA C208/C208B

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

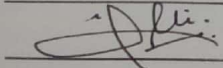
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F731006	130	Do a check of the drain valve for installation and leaks		
F731007	130	Do a check of the flow divider for installation and leaks.		
F731008	130	Do a visual inspection of the P3 filter and drain valve.		
F731015	130	Do a visual inspection of Fuel Pump outlet filter. (CLEANING / REPLACEMENT) P/N OFF: <u>AV 6235-3A</u> P/N ON: <u>AV 6235-3A</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
DEWI SOBALI	ENGINEER		7632

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 : DEWI SOBALI Stamp : 

Signature :  Place/Date : TMT



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

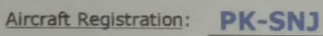
DATE : 20 JUNE 2022

A/C REG : PK-SNJ

A/C TYPE : C208B Ex

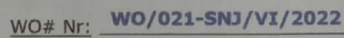
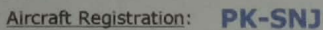
CHECKER : DENI SOBACI SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19080030021	MAY 2022	SERVICEABLE
2	Co-Pilot Life Vest	P01202-201	21071600005	MAY 2022	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	Firt Aid Kit	NPN	0721-2116	JULY 2022	SERVICEABLE
14	Crash Axe Installed	NPN	NPN	O/C	SERVICEABLE
15	Fire Extinguisher	C352	918292067	SEP 2022	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	NPN	S3026-101	AUG 2022	SERVICEABLE
OTHERS					
18	FLYH LIGHT	NPN	NPN	O/C	SERVICEABLE



Parts Used Sheet

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Parts Used Sheet

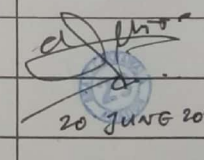
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AIRCRAFT FLIGHT MAINTENANCE LOG

DATE: 20 JUNE 2022		A/C REG: PK-SNJ		MSN: C208B5640		TYPE: C208B-EX		PAGE:	
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CREWS			Check In :		Check Out :		Duty Time :													
CAPT :	MAINTENANCE ENTRY		ROUTE		BLOCK		T/O		LDG		FLT		LDG/ CYCLE		FUEL		RECEIPT NO		ADDED	
COPILOT :			FROM	TO	OFF	ON	HRS	MIN			HRS	MIN			REM	UPLIFT	TOTAL		OIL	HYD
EOB :																				
TIME : STATION : LIC. NO. : Sign & Stamp : I hereby certify that the aircraft has been maintained in accordance with applicable manuals & CASR, and determined to be in airworthy condition and safe for flight																				
			TTL BLOCK TIME:		TTL FLT TIME & LDG:															

AIRCRAFT TIME										APU	
	A/F Total Hrs	Landing	Eng. #1 Hrs	Eng. #1 Cyc	Prop. #1 Hrs	Eng. #2 Hrs	Eng. #2 Cyc	Prop. #2 Hrs	Hours	Cycles	
Brought Fwd	897:50	1305	897:50	1305	897:50						
This Page	-	-	-	-	-						
Total	897:50	1305	897:50	1305	897:50						
Metric											

No	DISCREPANCIES (write NIL or A/C OK if No Defect)	No	CORRECTIVE ACTION	Sign, Stamp & Date
	INSPECTION 100 HRS DUE AT 900 FH		CARRIED OUT 100 HRS INSPECTION	 20 JUNE 2022
			IAW PT SMART CARRAWALLA AVIATION	
			REF TO : MP C208B REV.10	
			DETAIL INSPECTION REF TO.	
			WO 1021-SNJ/V1/2022	
			C208B MM REV. 37 VIEW AND	
			ETM PTGA-140 REV:15	
			NEXT INSPECTION WILL DUE	
			AT 1000:00 FH 200 HRS INSP.	
		Capt. Signature		

No	COMPONENT CHANGE (Description)	POS	P/N On:	P/N Off:	S/N On:	S/N Off:	LIC NO. & SIGN
	WO 1021-SNJ/V1/2022		-	-	-	-	0632

ECTM Manual Entry (if required)	
Time :	
Altitude :	
IAS :	
TQ/ EPR :	
ITT/EGT :	
NG/N2 :	
NP/N1 :	
F/F :	
Oil Temp. :	
Oil Press :	
OAT :	
Last Compressor Wash C/O	
Date :	20 JUNE 2022
PERIODIC INSPECTION	
Last Insp C/O at :	897:50
Type of Insp :	100:00
Next Inspection	
Type Insp. :	200:00
Due at :	1000:00