



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Inspection Due at 1300 FH	No.	WO/035-SNJ/X/2022
	Date	20 Oct 2022
	A/C Reg.	PK-SNJ C208B-5640
Reference : MP C208B Rev. 12	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform 100 Hours Inspection Due at 1300 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 :		
Compliance Statement	Sign & Date Company E.A. No.:  23 October 2022 (Engineer In Charge) Dodit Supriyanto	Signature (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
20 Oct 2022	WO/035-SNJ/X/2022	100 Hours Inspection	27 October 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	1297:08 / 1986		
	#2	-			
Propeller/Rotor	#1	210140	1297:08 / 1986		
	#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>		Replaced L/H Igniter plug		✓	
<u>IC-002</u>		Replaced R/H Igniter plug due to worn out		✓	
<u>IC-003</u>					
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					

<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


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Dodit


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

WO Ref: WO/033-SNJ/X/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	27 Oct 2022		Dodil-s	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	27 Oct 2022		Hendro	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	27 Oct 2022		Dodil-s	

		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 - 002.				27 Oct 2022	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNJ	C208B				
9. ZONE	10. STA	11. MTC TYPE			
Engine					

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
R/H Igniter plug worn out		27 Oct 22

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Replaced R/H Igniter plug due to worn out Performed at A/C TT : 1297 : 08 A/C TC /LDG : 1986		27 Oct 2022	

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 plug	CH 3A055		-	-	✓	-

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
Torque Wrench	6A-032/12155A8	November 2023	Service able

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE		
IC-001	035-SNJ/X/2022			27 October 2022		
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #			
PK-SNJ	C 208B					
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 Igniter plug worn out.					27.10.2022	
16. CORRECTIVE ACTION			17 MECH	18 ENG. LIC	19 DATE	
Replaced L/H Igniter plug due to worn out Performed at A/C TT : 1297:08 A/C TC/LDG : 1986					27/10/2022	
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 plug	CH 34055		-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
Torque Wrench	64-032 / 1215348	November 2023	Serviceable			



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B TTSN : 1297 : 08
A/C REG : PK-SNJ TCSN : 1986
MSN : C208B-5640 DATE : 27 Oct 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 1300 FH
REFF : MP C208B REV. 12

EXCEPTION

- NIL NOTED -

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
Dodit. Supriyanto	AIRFRAME & POWER PLANT	4837 / SCA05		27 Oct 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HRS
DUE AT : 1400 HRS

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/338-SNJ/X/2022

PRE - INSPECTION	
Location	TIM
Date	27 Oct 2022
Cycle	1986
Filed Barometric	29.921
OAT	30
Altitude	230

POST - INSPECTION	
Location	TIM 27
Date	27 October 2022
Cycle	1986
Filed Barometric	29.921
OAT	28
Altitude	200

PRE - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	841 °C	820 °C
Ng	102.7 %	101.0 %
Wf	578	531
Oil Press		93 °C
Oil Temp		68 °C
Start Temp		699 °C

POST- INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	837 °C	814 °C
Ng	102.7 %	100.1 %
Wf	578	528
Oil Press		94 °C
Oil Temp		64 °C
Start Temp		680 °C

Engine Run Up Checks													
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒	BOV	☒	Brake	☒	Randomn	☒
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:

- Nil -

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Dodit S		27 Oct 2022	TIM

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

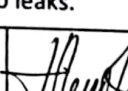
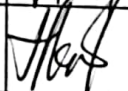
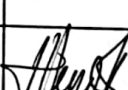
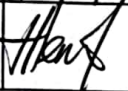
Reg. Mark : PK - SNJ
MSN : C208B-5640
TSN / CSN : 1297:08 / 1986

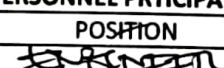
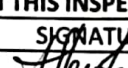
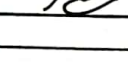
Date : 27 October 2022
Station : TIM
WO No. : WO/033-SNJ/X/2022

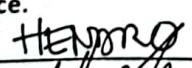
ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F710001	130	Do a check of the FCU manual override system for static operation. For the engines installed with a manual override system only.			27 Oct 2022
F710003	130	Do a compressor performance recovery wash			27 Oct 2022
F720000	130	Do a visual inspection of the Control Linkages and wiring.			27 OCT 22
F720001	130	Do a visual inspection of the engine exhaust duct welds.			27 Oct 2022
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.			27 Oct 2022
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.			27 Oct 2022
F720004	130	Do a visual inspection of the rear fireseal mounting ring.			27 Oct 2022
F722001	130	Do a visual inspection of the air inlet screen.			27 Oct 2022
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			27 Oct 2022
F725005	130	Do a detailed inspection of the turbine exhaust duct.			27 Oct 2022
F731002	130	Do a check for the fuel pump installation and leaks.			27 OCT 22
F731003	130	Do a check of the oil-to- fuel heater installation			27 OCT 22
F731035	130	Do a visual Inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element (CLEANING / REPLACEMENT) P/N OFF: AN 6285-3A P/N ON: AN 6285-3A			27 OCT 22

MAINTENANCE PROGRAM CESSNA C208/C208B

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

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F731006	130	Do a check of the drain valve for installation and leaks.			27 OCT 22
		NOTE: There is no need to remove the drain valve if there is no leaks.			
F731007	130	Do a check of the flow divider for installation and leaks.			27 OCT 22
F731008	130	Do a visual inspection of the P3 filter and drain valve.			27 OCT 22
F731015	130	Do a visual inspection of Fuel Pump outlet filter. (CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</u>			27 OCT 22
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.			27 OCT 22
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.			27 OCT 22
F792000	130	Inspect and clean oil filter for debris.			27 OCT 22
*** End of Engine PT6A-140 100 Hours Inspection Items ***					

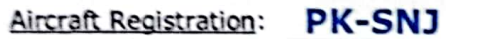
PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
			SSRS
DODI S	Engineer		AD57
Fahriz Isz	Mechanic		-

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	: 	Stamp	: 
Signature	: 	Place/Date	: TIM / 27 OCT 2022

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 27 October 2022	A/C REG : PK-SNJ	
A/C TYPE : C208B	CHECKER : 	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19080030021	May 2029	Serviceable
2	Co-Pilot Life Vest	P01202-201	21071600005	May 2029	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	FL 220	0721-2116	July 2023	Serviceable
14	Crash Axe Installed	NPN	NSN	-	Serviceable
15	Fire Extinguisher	C352	618292067	Sept 2023	Serviceable
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)		\$3026-101	Aug 2023	Serviceable
OTHERS					
	Flash light	NPN	NSN	-	Serviceable



Parts Used Sheet

[illegible]

