



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Inspection Due at 500 FH	No.	WO/012-SNJ/I/2022
	Date	06-Jan-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 500 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 : - NIL -		
Compliance Statement	Sign & Date Company Lic. No.:  (Engineer In Charge)	Signature (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
6-Jan-2022	WO/012-SNJ/1/2022	100 Hours Inspection	17 JANUARY 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	491 : 24 / 611		
	#2	-			
Propeller/Rotor	#1	210140	491 : 24 / 611		
	#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	
IC-001	F710003	RH SIDE IGNITER WORN OUT	✓ 17/01/2022	✓ 17/01/2022	
IC-002					
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

.....

.....

.....

.....



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

WO Ref: WO/008-SNJ/XI/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	17/01/2022		Dennis	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	17/01/2022		Dennis	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	17/01/2022		Dennis	



INSPECTION CARD

(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
1001	40/012-SMD/1/2022			17 JAN 2022
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNJ	C208B Ex			
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
PH SIDE IGNITER WORN OUT NEED TO BE REPLACED	 26	17/ JAN / 2022

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED PH CENTER WITH NEW PART		 26	17/ JAN / 2022
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			
NOTICE OF INSPECTOR		INSP	DATE

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
IGNITER	EH 34035	1ea	-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
GENERAL TOOLS		o/c		GVD.		

MAINTENANCE PROGRAM

CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - 802

WO/FML No. : WO/012-5N3/1/2022

PRE – INSPECTION	
Location	NABIR
Date	17 JAN 2022
Cycle	
Filed Barometric	1009
OAT	28°C
Altitude	30 ft.

POST – INSPECTION	
Location	NABIR
Date	17 JAN 2022
Cycle	6
Filed Barometric	1009
OAT	28°C
Altitude	30 ft

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	837 °C	830 °C
Ng	102.7 %	101.9 %
Wf	578	545
Oil Press		91 °C
Oil Temp		72 °C
Start Temp		706 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	841 °C	802 °C
Ng	102.7 %	99.8 %
Wf	578	535
Oil Press		95 PSI
Oil Temp		62 °C
Start Temp		673 °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:

- N/L ..

PERFORMED BY

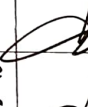
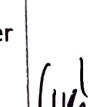
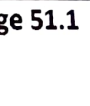
Name	Sign & Stamp	Date	Location
Rena		17 JAN 2022	NABIR

MAINTENANCE PROGRAM CESSNA C208/C208B

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

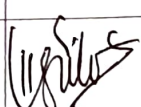
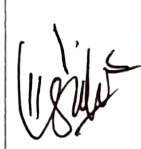
Reg. Mark : PK - 8N3
MSN : C208B 5640
TSN / CSN : 491-29 / 611

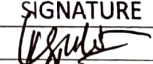
Date : 17 JAN 2022
Station : MABIRE
WO No. : WO/012-5N3/1/2022

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>AN 6235-3A.</u> P/N ON: <u>AN 6235-3A.</u>		

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>AN6235-3A.</u> P/N ON: <u>AN6235-3A.</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
Agus Sulaiman	ENGINEER		6911A.
Denur Prawan	ENGINEER		9657.
Cel NANA	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 : Denur Prawan Stamp : 

Signature :  Place/Date : MABIRE / 17 JAN 2022



Parts Used Sheet



Parts Used Sheet

WO# Nr.:

WO/012-SNJ/I/2022

[illegible]



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 17 JANUARI 2022	A/C REG : PK-SKJ
A/C TYPE : C208B EX	CHECKER : Denur SIGN: <i>Denur</i>

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19080030021	MAY 2029	Good
2	Co-Pilot Life Vest	P01202-201W	21071600005	MAY 2029	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	Firt Aid Kit	FL 220FAFAA	07212116	July 2022	Good
14	Crash Axe Installed	N5N	N5N	ON CONDITION	Good
15	Fire Extinguisher	C3 52	G68292067	SEPT 2026	Good.
16	Life Raft (If Installed)	S3026-101	S3026-101	AUGUST 2022	Good
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	N5N	N5N	ON CONDITION	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 : 491:24

TCSN : 611

DATE : 17 JAN 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 500 FH

REFF : MP C208B REV. 10

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
<i>Denur Prana</i>	AIRFRAME & POWER PLANT	9687/026	<i>[Signature]</i> 	17 / JAN / 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200

DUE AT : 600 FH.

Form: SCA/MTC/049