



PT. SMARTCAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Inspection Due at 2100 FH	No.	WO/047-SNJ/X/2023
	Date	9 Oct 2023
	A/C Reg.	PK-SNJ C208B-5640
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform 100 Hours Inspection Due at 2100 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 CARRIED OUT	Sign & Date Company Lic. No.: PETER AGAPA (Engineer In Charge) 13 OCTOBER 2023	Signature (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
9 Oct 2023	WO/047-SNJ/X/2023	100 Hours Inspection	13 OCTOBER 2023		
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	2108:48 / 3530		
	#2	-			
Propeller/Rotor	#1	210140	110:34 / 3530		
	#2	-			
Landing Gear	NLG		2108:48 / 3530		
	LH MLG		2108:48 / 3530		
	RH MLG		2108:48 / 3530		
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>					

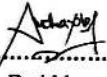
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


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

WO Ref: WO/047-SNJ/X/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX D08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	12/ OCT. 2023		PITER. A	
2	APPENDIX B08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	12/ OCT. 2023		PITER. A	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	13/ OCT. 2023		PITER. A	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE	: CESSNA 208B	TTSN	: 2108:48
A/C REG	: PK-SNJ	TCSN	: 3530
MSN	: C208B-5640	DATE	: 13 OCT. 2023

TYPE OF INSPECTION	: INSPECTION 100 HOURS
DUE AT	: 2100 FH
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
PITER AGAPA	AIRFRAME & POWER PLANT	15548 / SCA 39	 	13 OCT. 2023
	EIRA .			

THE NEXT DUE TYPE OF INSPECTION : 200:00 HRS ENG. & 200:00 A/F

DUE AT : 2200:00 HRS

Form: SCA/MTC/049

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK-SNJ

WO/FML No. : WO/047-SNJ/X/2023

PRE – INSPECTION	
Location	TIMIKA
Date	12 OCT. 2023
Cycle	1
Filed Barometric	311°
OAT	28
Altitude	1200

POST – INSPECTION	
Location	TIMIKA
Date	13 OCT. 2023
Cycle	1
Filed Barometric	311°
OAT	25
Altitude	1200

PRE – INSPECTION		
	Target	Actual
Tq	2397	2415
Np	1900	1900
ITT	837 °C	830 °C
Ng	102.7 %	100.4 %
Wf	578	557
Oil Press		96 °C
Oil Temp		74 °C
Start Temp		123 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	835 °C	832 °C
Ng	102.7 %	100.1 %
Wf	578	554
Oil Press		96 °C
Oil Temp		73 °C
Start Temp		682 °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: ALL ENGINE PARAMETER
WITHIN LIMIT

PERFORMED BY			
Name	Sign & Stamp	Date	Location
PETER ABAPA	<i>Amj</i>	13/OCT. 2023	TIMIKA



MAINTENANCE PROGRAM **CESSNA 208/208B**

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK-SN3
MSN : C208B-5640
TSN / CSN : 2108:98 / 3530

Date : 13 OCT. 2023
Station : TIMIKA
WO No. : WO/047-SN1/X/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII 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.	<i>Aug</i> 	
F710003	130	Do a compressor performance recovery wash	<i>Aug</i> 	
F720000	130	Do a visual inspection of the Control Linkages and wiring.	<i>Aug</i> 	
F720001	130	Do a visual inspection of the engine exhaust duct welds.	<i>Aug</i> 	
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.	<i>Aug</i> 	
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.	<i>Aug</i> 	
F720004	130	Do a visual inspection of the rear fireseal mounting ring.	<i>Aug</i> 	
F722001	130	Do a visual inspection of the air inlet screen.	<i>Aug</i> 	
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	<i>Aug</i> 	
F725005	130	Do a detailed inspection of the turbine exhaust duct.	<i>Aug</i> 	
F731002	130	Do a check for the fuel pump installation and leaks.	<i>Aug</i> 	
F731003	130	Do a check of the oil-to- fuel heater installation	<i>Aug</i> 	

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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>	<i>Ang</i>	
F731006	130	Do a check of the drain valve for installation and leaks	<i>Ang</i>	
		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.	<i>Ang</i>	
F731008	130	Do a visual inspection of the P3 filter and drain valve.	<i>Ang</i>	
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>	<i>Ang</i>	
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.	<i>Ang</i>	
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.	<i>Ang</i>	
F792000	130	Inspect and clean oil filter for debris.	<i>Ang</i>	
*** End of Engine PT6A-140 100 Hours/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
PETER AGAPA	ENGINEER	<i>Ang</i>	15548
ARIE DWI. A. NABABAN	MECHANIC	<i>Ang</i>	



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

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 : PETER AGAPA Place/Date : TIMIKA / 13 OCT. 2023
Sign & Stamp :  

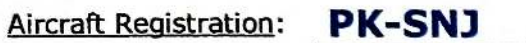


EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 13 OCT. 2023	A/C REG : PK-SNJ	
A/C TYPE : C208B	CHECKER : PITER .A	SIGN: <i>[Signature]</i>

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	.	19086030021	MAY 2024	Good
2	Co-Pilot Life Vest	.	21071600005	MAY 2024	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		0F21-2116	JULY 2024	Good
14	Crash Axe Installed	NPN	NSN	%	Good
15	Fire Extinguisher		618292067	OCT. 2024	Good
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	NPN	NSN	%	Good



Special Tool Sheet

No.	Description	Due Date	Engineer
1	TORQUE WRENCH	NOV. 2023	PETER.A
2	OL PULLER	o/c (GOOD)	PETER.A
3	GENERAL TOOLS	o/c (GOOD)	PETER.A



Parts Used Sheet

WO# Nr: **WO/047-SNJ/X/2023**
Part Used

[illegible]