



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours	No.	WO/045-SNV/VI/2023
	Date	12 Jun 2023
	A/C Reg.	PK-SNV C208B-5551
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 100 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

CARRIED OUT

Sign & Date

Company Lic. No.: SCA 021
24-06-2023

Prd. tal. G
(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	
12 Jun 2023	WO/045-SNV/VI/2023	Inspection 100 Hours	24-06-2023	
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5551	PK-SNV	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0607	3693:12/5936	
	#2	-		
Propeller/Rotor	#1	181160	05:01	
	#2	-		
Landing Gear	NLG		3693:12/5936	
	LH MLG		3693:12/5936	
	RH MLG		3693:12/5936	
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



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Checked by :
Chief Maintenance



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Verified by :
Chief Inspector



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Yanuar

Approved by :
Technical Manager



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

WO Ref: WO/045-SNV/VI/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	D08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	24/23 06		Ridzalit	
2	APPENDIX B08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	24/23 06		Ridzalit	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	24/23 06		Ridzalit	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B	TTSN : 3699:12
A/C REG : PK-SNV	TCSN : 5390
MSN : C208B-5551	DATE : 24-06-2023

TYPE OF INSPECTION : INSPECTION 100 HOURS
 DUE AT : 3700 HOURS
 REFF : MP 208/208B 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
Peter Ghazali	AIRFRAME & POWER PLANT	9694 SCA021	 	24/2023 06
—	EIRA	—	—	

THE NEXT DUE TYPE OF INSPECTION : 600 HOURS ENGINE
 DUE AT : 200 HOURS AIRFRAME
 : 3800:00 FH

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNV

WO/FML No. : W06045-SNV/1/2023

PRE - INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST - INSPECTION	
Location	<u>TMICA</u>
Date	<u>24-06-2023</u>
Cycle	
Filed Barometric	<u>1012</u>
OAT	<u>27°C</u>
Altitude	<u>20 FT</u>

PRE - INSPECTION		
	Target	Actual
Tq		
Np		
ITT	°C	°C
Ng	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

POST - INSPECTION		
	Target	Actual
Tq		<u>2397</u>
Np		<u>1890</u>
ITT	°C	<u>831 °C</u>
Ng	%	<u>100.8 %</u>
Wf		<u>565</u>
Oil Press		<u>93 °C</u>
Oil Temp		<u>63 °C</u>
Start Temp		°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.		6. High idle at 64 - 66% Ng 40Amps	
2. Inertial Separator at Torque 400 ft-lbs.		4. Standby Alt at 80% Ng.					

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
<u>Pedrol-G</u>		<u>24/06/2023</u>	<u>TMICA</u>



MAINTENANCE PROGRAM **CESSNA 208/208B**

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

Reg. Mark : PK- SAV

Date : 24 JUNE 2023

MSN : C208B-5551

Station : TIM

TSN / CSN : 304:13/5998

WO No. : WO645-SAV/11/2023

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.		
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		



MAINTENANCE PROGRAM CESSNA 208/208B

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>AN6235-3A</u> P/N ON: <u>AN6235-3A</u>	 	
F731006	130	Do a check of the drain valve for installation and leaks 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.	 	
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/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>Rizal G</u>	<u>ENGINEER</u>		<u>9694</u>
<u>M. FAHMIL S</u>	<u>MECHANIC</u>		-



**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 : Ridzal Ghazali Place/Date : Tanjung, 24 June 2023
Sign & Stamp :  



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 24-JUNE-2023	A/C REG : PK-SNV
A/C TYPE : C208B	CHECKER : <i>P. K. S.</i> SIGN : <i>[Signature]</i>

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19080630099	01 AUG 2023	SERVICEABLE
2	Co-Pilot Life Vest	P01202-201	19080030019	01 AUG 2023	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	FL220-FAK FAP	0919-1381	JAN 2024	SERVICEABLE
14	Crash Axe Installed	LOCAL	-	O/C	GOOD
15	Fire Extinguisher	8352	F-60509867	OCT 2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	FL220	5714	NOV 2023	SERVICEABLE
OTHERS					
18	FLASH LIGHT	LOCAL	-	O/C	GOOD



Additional Work Sheet

Inspection 100 Hours

Aircraft Registration: **PK-SNV**

WO# Nr: **WO/045-SNV/VI/2023**

Parts Used Sheet

Special Tool Used

[illegible]



Aircraft Registration: **PK-SNV**

WO# Nr: WO/045-SNV/VI/2023

Parts Used Sheet

[illegible]