



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours due at 3300 Hours.	No.	WO/082-SNP/XII/2021
	Date	06-Dec-2021
	A/C Reg.	PK-SNP C208B-5495
Reference : MP C208B REV. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours due at 3300 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	Sign & Date Company Lic. No.:  VAWI ARUMUTHA (Engineer In Charge) 12 DEC 2021 	Signature (Technical Manager)



MAINTENANCE PROGRAM **CESSNA C208/C208B**

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK-SNP

WO/FML No. : WO/082-SNP/X11/2021

PRE – INSPECTION	
Location	TRK
Date	12 DEC 2021
Cycle	1
Filed Barometric	1008
OAT	30
Altitude	30 Ft

POST – INSPECTION	
Location	TRK
Date	12 DEC 2021
Cycle	1
Filed Barometric	1008
OAT	33
Altitude	30 Ft

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	841 °C	803 °C
Ng	102.7 %	100.4 %
Wf	578	590
Oil Press		91 °C
Oil Temp		78 °C
Start Temp		690 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	205 1890
ITT	841 °C	1009+ °C 805 °C
Ng	102.6 %	100.4 %
Wf	570	538
Oil Press		91 °C
Oil Temp		74 °C
Start Temp		693 °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 SATISFY

PERFORMED BY			
Name	Sign & Stamp	Date	Location
VAM ANANTA WIKRAMA		12 DEC 2021	TRK

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
06-Dec-2021	WO/082-SNP/XII/2021	Inspection 100 Hours	12 DEC 2021		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5495	PK-SNP		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0546	212:25 / 266		
	#2	-	-		
Propeller/Rotor	#1	180972	293:16		
	#2	-	-		
Landing Gear	NLG		212:25 / 266		
	LH MLG		3291:44 / 5633		
	RH MLG		3291:44 / 5633		
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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23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS



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

WO Ref: WO/082-SNP/XII/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	12 DEC 2021		VAWI ANANTA	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	12 DEC 2021		VAWI ANANTA	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	12 DEC 2021		VAWI ANANTA	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 3291:44
A/C REG	: PK-SNP	TCSN	: 5633
MSN	: C208B-5495	DATE	: 12 DEC 2021

TYPE OF INSPECTION	: INSPECTION 100 HOURS
DUE AT	: 3300 HOURS
REFF	: 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
VANI ANANTA WIKRAMA	AIRFRAME & POWER PLANT	369/SCA 30	 	12 DEC 2021
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS

DUE AT : 3400:00

Form: SCA/MTC/049

MAINTENANCE PROGRAM CESSNA C208/C208B

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

Reg. Mark	: PK - <u>SNP</u>	Date	: <u>12 DEC 2021</u>
MSN	: <u>C208B 5435</u>	Station	: <u>TRK</u>
TSN / CSN	: <u>32517 3251:44 / 56 33</u>	WO No.	: <u>WO/082-SNP/x11/2021</u>

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>AN 6235-3A</u> P/N ON: <u>AN 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
VANI ANANTA	ENGINEER		9659
BASRI	MEKNIK		

RETURN TO SERVICE

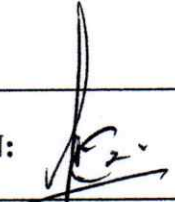
The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : VANI ANANTA WIKRAMA Stamp : 
Signature :  Place/Date : TRK / 12 DEC 2021



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 12 DEC 2021	A/C REG : PK-SNP	
A/C TYPE : C 208B-EX	CHECKER : BASPI	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101W	17060500064	JUNE 2022	GOOD
2	Co-Pilot Life Vest	P01074-101W	17071100037	AUG 2022	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	-	SCA -003	JAN 2022	GOOD
14	Crash Axe Installed	-	-	-	GOOD
15	Fire Extinguisher				
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
1.	FLASH LIGHT				GOOD
-	-	-	-	-	-



Parts Used Sheet



Parts Used Sheet