



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 200 Hrs Eng.&Add.Eng.Task		No.	WO/054-SNP/IX/2023
		Date	23 Sep 2023
		A/C Reg.	PK-SNP C208B-5495
Reference : MP C208B ISSUED 01		Prepared By	TS
		Checked By	CI
		Approved By	TM
To : Engineer In Charge			
Description :			
<ol style="list-style-type: none">1. Perform Inspection 200 Hrs Eng.&Add.Eng.Task2. 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 -			
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Compliance Statement <i>CARRIED OUT</i>	Sign & Date Company Lic. No.: SCA 071 <i>Abd 28/09/2023</i> RIZZAL / 09 (Engineer In Charge)	Signature <i>TM</i> (Technical Manager)
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AIRCRAFT CHECK WORK SUMMARY

(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
23 Sep 2023	WO/054-SNP/IX/2023	Inspection 200 Hrs Eng & Add.Eng.Task	28-09-2023
A/C Type C208B		Mfg. Serial Number C208B-5495	A/C Registration PK-SNP
AIRCRAFT DATA			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-VA0723	2197:35/3476
	#2	-	
Propeller/Rotor	#1	181158	2234:26
	#2	-	
Landing Gear	NLG		5276:54/8793
	LH MLG		5276:54/8743
	RH MLG		5276:54/8743

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					
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 5276:54
A/C REG	: PK-SNP	TCSN	: 8743
MSN	: C208B-5495	DATE	: 28-09-2023

TYPE OF INSPECTION	: INSPECTION 200 HRS ENG.&ADD.ENGINE.TASK
DUE AT	: 5279:23 HOURS
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
ZIDZAL GHAZALI	AIRFRAME & POWER PLANT	9694 SCA 021	<i>AM</i> 	28/2023 09
	EIRA	—	—	

THE NEXT DUE TYPE OF INSPECTION : 200 HRS A/F & 100 HRS ENGINE

DUE AT : 5379:23 HRS

Form: SCA/MTC/049



MAINTENANCE PROGRAM

CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark

: PK - SNP

WO/FML No. : WO/045-SNP/VI/2023

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	TANAH MERAH
Date	28-09-2023
Cycle	
Filed Barometric	29.77 IN
OAT	32°C
Altitude	60 FT

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		2387
Np		1900
ITT	°C	815 °C
Ng	%	100.1 %
Wf		545
Oil Press		96 °C
Oil Temp		57 °C
Start Temp		680 °C

Engine Run Up Checks							
Inertial <input checked="" type="checkbox"/>	EPL <input type="checkbox"/>	OVG <input type="checkbox"/>	Stby Alt <input checked="" type="checkbox"/>	BOV <input checked="" type="checkbox"/>	Brake <input type="checkbox"/>	Random <input type="checkbox"/>	
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
Rifatul. G	<i>Rifatul. G</i> 	28/09/2023	THM

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

Reg. Mark	: PK-SNP	Date	: 18-09-2023
MSN	: C208B-5495	Station	: TANAH MERAH
TSN / CSN	: 5276:54/8743	WO No.	: WO/045-SNP/V1/2023

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	 	

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>ANG6235-34</u> P/N ON: <u>ANG6235-34</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>ANG6235-34</u> P/N ON: <u>ANG6235-34</u>		
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corosions 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>RIDZAL G</u>	<u>ENGINEER</u>		<u>3694</u>

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 : TMM, 28-09-2023
Sign & Stamp : AM 



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D09 – Engine PT6A-140 200 Hours Inspection

Reg. Mark	: PK-SNP	Date	: 28-03-2023
MSN	: C208B-5485	Station	: TAMAN MERAM
TSN / CSN	: 5776:54/8743	WO No.	: WO/045-SNP/VII/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F793001	130	Do a visual inspection of the chip detector for debris.			28/03/2023

*** End of Engine PT6A-140 200 Hours Inspection Items ***

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
RIDZAL GHAZALI	ENGINEER		9694

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 : TMH, 28-03-2023
Sign & Stamp :

Appendix D10 – Engine PT6A-140 200 Hours or 6 Months Inspection

Reg. Mark	: PK-SNP	Date	: 20-03-2023
MSN	: C208B-5405	Station	: TANAH MERAH
TSN / CSN	: 5276:54/8743	WO No.	: WO/045-SNP/UV2023

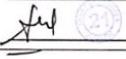
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
F793000	130	Do a visual inspection of the AGB internal scavenge oil pump inlet screen	 (21)	

*** End of Engine PT6A- 140 200 Hours or 6 Months Inspection Items ***

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
DIPRAL GHAZALI	ENGINEER		3604

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 : DIPRAL GHAZALI Place/Date : 14/03-2023
 Sign & Stamp : 



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE : 28-09-2023

A/C REG : PK-SNP

A/C TYPE : C208B

CHECKER : Ridzal . G

SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101W	17060500064	JUNE 2024	GOOD
2	Co-Pilot Life Vest	P01074-101W	19092030042	JAN 2023	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	First Aid Kit	FAK	NSN	DEC 2023	GOOD
14	Crash Axe Installed	LOCAL	NSN	%	GOOD
15	Fire Extinguisher	C362	F-49185963	JAN 2024	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				

OTHERS

18.	FLASH LIGHT	LOCAL	NSN	%	GOOD



**Additional Work Sheet
Inspection 200 Hrs Eng.
&Add.Eng.Task**

Aircraft Registration: **PK-SNP**

WO# Nr: WO/054-SNP/IX/2023

Part Used

Parts Used Sheet



Aircraft Registration: **PK-SNP**



WO# Nr: WO/054-SNP/IX/2023

Additional Work
Sheet Inspection 200
Hrs Eng. & Add.Eng.Task

Parts Used Sheet