



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Inspection Due at 2300 FH.	No.	WO/038-SNG/IV/2022
	Date	20-Apr-2022
	A/C Reg.	PK-SNG C208B-5543
Reference : MP C208/208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 100 Hours Inspection Due at 2300 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.

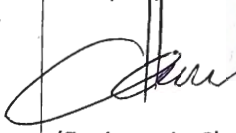
Additional Work :

— NIL —

Compliance
Statement

Carried out

Sign & Date
Company Lic. No.:


#9687.
(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
20-Apr-2022	WO/038-SNG/IV/2022	Inspection 100 Hours	08 May 2022.
A/C Type	Mfg. Serial Number	A/C Registration	
C208B	C208B-5543	PK-SNG	
AIRCRAFT DATA			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-VA0596	2294:07/3634
	#2	-	
Propeller/Rotor	#1	190140	2294:07/3634.
	#2	-	
Landing Gear	NLG		2294:07/3634
	LH MLG		2294:07/3634
	RH MLG		2294:07/3634.

PACKAGE COVERED

No	Subject	Qty	Remark
1	Non-Routine Card	-	
2	Inspection Card	-	
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/038-SNG/IV/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	08/05/2022		Devin Prunier	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	07/05/2022		Devin Prunier	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	07/05/2022		Devin Prunier	



22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - 5NG

WO/FML No. : WO/038-SNG/1V/2022

PRE – INSPECTION	
Location	MERAKE
Date	07 MAY 2022
Cycle	
Filed Barometric	1010
OAT	34°C
Altitude	25ft

POST – INSPECTION	
Location	MERAKE
Date	08 MAY 2022
Cycle	
Filed Barometric	1010
OAT	34°C
Altitude	25ft

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	841 °C	835 °C
Ng	102.6 %	101.2 %
Wf	570	559
Oil Press		91 PSI
Oil Temp		72 °C
Start Temp		720 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	841 °C	825 °C
Ng	102.7 %	100.3 %
Wf	578	548
Oil Press		91 PSI
Oil Temp		70 °C
Start Temp		689 °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. ✓					

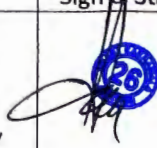
Engine Performance Target Table (Cessna C208B EX)

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:

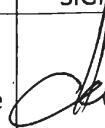
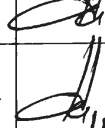
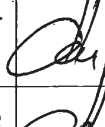
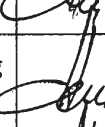
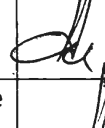
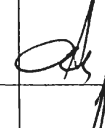
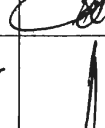
1. Make sure that inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
2. This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
3. Max fuel flow is 580 lb/hr fuel flow is not more than 15 lbs/hr higher than the value shown in table.
4. If parameters are outside the target performance table to EMM chapter 71-00-00.

REMARKS:
NIL -

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Devin Prum		08/MAY/2022	MERAKE

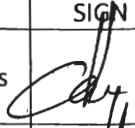
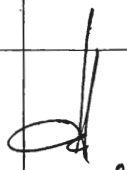
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

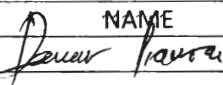
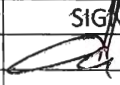
Reg. Mark : PK - SN4 Date : 08 MAY 2022
 MSN : C208B - 5543 Station : REPAKE
 TSN / CSN : 2294 : 07/3634 WO No. : WO/038-SN4/IV/2022

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

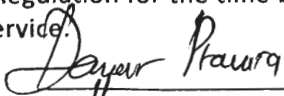
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

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>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
	Engineer		9657

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  Stamp : 
Signature  Place/Date : PERAKUE



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 06 MAY 2022.	A/C REG : PK-SNG
A/C TYPE : PK-SNG / C208BEX	CHECKER : <i>Denny Prana</i> SIGN: <i>[Signature]</i>

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19092030036	JAN 2029	SERVICEABLE
2	Co-Pilot Life Vest	P01202-201	19092030051	JAN 2029	SERVICEABLE
3	Pax Life Vest	P01202-201	21031090016	MARCH 2030	SERVICEABLE
4	Pax Life Vest	P01202-201	21071600001	MARCH 2030	SERVICEABLE
5	Pax Life Vest	P01202-201	19091660014	MARCH 2030	SERVICEABLE
6	Pax Life Vest	P01202-201	21031090010	MARCH 2030	SERVICEABLE
7	Pax Life Vest	P01202-201	21031090007	MARCH 2030	SERVICEABLE
8	Pax Life Vest	P01202-201	19092030040	MARCH 2030	SERVICEABLE
9	Pax Life Vest	P01202-201	21031090009	JAN 2029	SERVICEABLE
10	Pax Life Vest	P01202-201	21031090019	MARCH 2030	SERVICEABLE
11	Pax Life Vest	P01202-201	21031090006	MARCH 2030	SERVICEABLE
12	Pax Life Vest	P01202-201	19092030042	JAN 2029	SERVICEABLE
13	First Aid Kit	NPN	NSN	JUNE 2022	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	O/C	SERVICEABLE
15	Fire Extinguisher	C352	F60589352	SEP 2022	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18.	PAX LIFE VEST	P01202-201	19091660050	MAY 2022	SERVICEABLE
19.	PAX LIFE VEST	P01202-201	19091660019	APRIL 2022	SERVICEABLE



Additional Work Sheet

Inspection 100 Hours

Aircraft Registration: **PK-SNG**

WO# Nr: **WO/038-SNG/IV/2022**

Parts Used Sheet

Special Tool Used

[illegible]



Additional Work Sheet

Inspection 100 Hours

Aircraft Registration: **PK-SNG**

WO# Nr: **WO/038-SNG/IV/2022**

Parts Used Sheet

Part Used

[illegible]

A.



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B	TTSN : 2294:07
A/C REG : PK-SNG	TCSN : 3634
MSN : C208B-5543	DATE : 08 May 2022.

TYPE OF INSPECTION : INSPECTION 100 HOURS
 DUE AT : 2300 HOURS
 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>Dennis Prama</i>	AIRFRAME & POWER PLANT	9657/026	<i>[Signature]</i> 	08 / MAY / 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 800 Hours Inspection
 DUE AT : 2400 FH.

Form: SCA/MTC/049



AIRCRAFT FLIGHT MAINTENANCE LOG

DATE :		A/C REG: PK-SNG		MSN: C208B-5543		TYPE: C208B-EX		PAGE:													
CREWS CAPT : COPILOT : EOB : PREFLIGHT : DAILY : TIME : STATION : LIC. NO. : Sign & Stamp : I hereby certify that the aircraft has been maintained in accordance with applicable manuals & CASR, and determined to be in airworthy condition and safe for flight				Check In :		Check Out :		Duty Time :													
				ROUTE		BLOCK		T/O		LDG		FLT		LDG/CYCLE		FUEL		RECEIPT NO		ADDED	
				FROM TO		OFF ON		HRS MINS						HRS MINS				RAM		OIL HYD	
				N																	
				TTL BLOCK TIME:		TTL FLT TIME & LDG:															

AIRCRAFT TIME										APU	
	A/F Total Hrs	Landing	Eng. #1 Hrs	Eng. #1 Cyc	Prop. #1 Hrs	Eng. #2 Hrs	Eng. #2 Cyc	Prop. #2 Hrs	Hours	Cycles	
Brought Fwd	2294:07	3634	2294:07	3634	2294:07						
This Page											
Total	2294:07	3634	2294:07	3634	2294:07						
Metric											

No		DISCREPANCIES (write NIL or A/C OK if No Defect)		No		CORRECTIVE ACTION		Sign, Stamp & Date	
1.		INSPECTION 100 HOURS INSPECTION DUE AT 2300 FH		1.		PERFORMED INSPECTION 100 HOURS I.A.W PT. SMART CARPALLA AVIATION MAINTENANCE PROGRAM REV. 10. REFER TO AMM C208B REV. 37, EMM PTEA-190 REV. 15. FOR WORK DETAIL PLEASE SEE WORK ORDER W01038-SNG/14/2022		08 MAY 2022	
		Capt. Signature							

No		COMPONENT CHANGE (Description)		POS		P/N On:		P/N Off:		S/N On:		S/N Off:		LIC NO. & SIGN	
1.		SEE W01038-SNG/14/2022		-		-		-		-		-		968	

ECTM Manual Entry (If required)	
Time :	
Altitude :	
IAS :	
TQ/EPR :	
ITT/EGT :	
NG/N2 :	
NP/N1 :	
F/F :	
Oil Temp. :	
Oil Press :	
BAT :	
Last Compressor Wash C/O	
Date : 08 MAY 2022	
PERIODIC INSPECTION	
Last Insp C/O at : 2294:07	
Type of Insp : 100	
Next Inspection	
Type Insp : 800	
Due at : 2400:00	