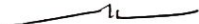
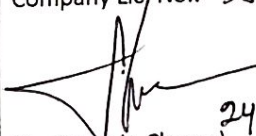




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 1500 Hours.	No.	WO/029-SNW/I/2022
	Date	18-Jan-2022
	A/C Reg.	PK-SNW C208B-5579
Reference : MP C208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours & Add Task Due at 1500 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 : 		
Compliance Statement	Sign & Date Company Lic/No.: SCA-03  (Engineer In Charge) 24 Jan 2022	Signature (Technical Manager)



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

WO Ref: WO/029-SNW/1/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	24 JAN 2022		Sampson	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	24 JAN 2022		Sampson	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	24 JAN 2022		Sampson	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B

A/C REG : PK-SNW

MSN : C208B-5579

TTSN : 1492:59 Hr

TCSN : 2299

DATE : 24 JAN 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 1500 HOURS

REFF : MP 208/208B REV. 10

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
SAMPURANA	AIRFRAME & POWER PLANT	4870/SCA03		24 JAN 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION :

DUE AT :

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - JNW

WO/FML No. : WO/009 - JNW / 1/2022

PRE - INSPECTION	
Location	TIM
Date	24 JAN 2022
Cycle	2299
Filled Barometric	
OAT	31°C
Altitude	100 ft

POST - INSPECTION	
Location	TIM
Date	24 JAN 2022
Cycle	2299
Filled Barometric	270
OAT	29°C
Altitude	100 ft

PRE - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	841°C	838°C
Ng	102.7%	100.5%
Wf	578	550
Oil Press		90°C
Oil Temp		70°C
Start Temp		677°C

POST- INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	839°C	822°C
Ng	102.7%	99.7%
Wf	578	542
Oil Press		90°C
Oil Temp		68°C
Start Temp		643°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:

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Gampurna		24 JAN 2022	TIMIKA

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

Reg. Mark : PK - SNW
MSN : C208B - 5579
TSN / CSN : 149259 / 2277

Date : 24 JAN 2022
Station : TIMIKA
WO No. : WO / 029 - SNW / 1 / 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.	<i>Sh</i>	
F710003	130	Do a compressor performance recovery wash	<i>Sh</i>	
F720000	130	Do a visual inspection of the Control Linkages and wiring.	<i>Sh</i>	
F720001	130	Do a visual inspection of the engine exhaust duct welds.	<i>Sh</i>	
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.	<i>Sh</i>	
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.	<i>Sh</i>	
F720004	130	Do a visual inspection of the rear fireseal mounting ring.	<i>Sh</i>	
F722001	130	Do a visual inspection of the air inlet screen.	<i>Sh</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>Sh</i>	
F725005	130	Do a detailed inspection of the turbine exhaust duct.	<i>Sh</i>	
F731002	130	Do a check for the fuel pump installation and leaks.	<i>Sh</i>	
F731003	130	Do a check of the oil-to- fuel heater installation	<i>Sh</i>	
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>Sh</i>	

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	<i>fk</i>	
F731007	130	Do a check of the flow divider for installation and leaks.	<i>fk</i>	
F731008	130	Do a visual inspection of the P3 filter and drain valve.	<i>fk</i>	
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>	<i>fk</i>	
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.	<i>fk</i>	
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.	<i>fk</i>	
F792000	130	Inspect and clean oil filter for debris.	<i>fk</i>	
*** End of Engine PT6A-140 100 Hours Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
SAMPURNA	ENGINEER	<i>fk</i>	4870
YOHAN. S. DEPARI	MECHANIC	<i>fk</i>	

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 : Sampurna H. Stamp : 

Signature : *fk* Place/Date : TINIKU / 24 JAN 2022



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 24-JAN-2012	A/C REG : PK-SNW
A/C TYPE : C208B EX	CHECKER : Sampurna SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO1202-201	20080480025	DEC 2024	Good
2	Co-Pilot Life Vest	PO1202-201	20080480050	DEC 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	First Aid Kit		0920-1690	SEPT. 2022	Good
14	Crash Axe Installed				
15	Fire Extinguisher		F-75060951	NOV 2022	Good
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)		479287	NOV 2022	Good
OTHERS					



Parts Used Sheet

[illegible]