



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 1700 Hours.	No.	WO/034-SNW/III/2022
	Date	31-Mar-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 Due at 1700 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.: (Engineer In Charge) VAJI ANANTA	Signature (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
31-Mar-2022	WO/034-SNW/III/2022	Inspection 100 Hours	05 Apr 2022	
A/C Type C208B		Mfg. Serial Number C208B-5579	A/C Registration PK-SNW	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0651	1697:20 / 2691	
	#2	-		
Propeller/Rotor	#1	190815	1697:20	
	#2	-		
Landing Gear	NLG		1697:20 / 2691	
	LH MLG		1697:20 / 2691	
	RH MLG		1697:20 / 2691	
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 Open Close	Name/ Sign & Stamp
<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/034-SNW/III/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	05 Apr 2022		UAM-1 AAM-1TB	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	05 Apr 2022		UAM-1 AAM-1TB	
3	SCAMTC/0 23	EMERGENCY EQUIPMENT CHECK	05 Apr 2022		UAM-1 AAM-1TB	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SM)

A/C TYPE : CESSNA 208B	TTSN : 1951-10
A/C REG : PK-SNW	TCSN : 2641
MSN : C208B-5579	DATE : 05 Apr 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS
 DUE AT : 1700 HOURS
 RFFP : MP 208/208B 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	AIRFRAME & POWER PLANT	3659/SCA 30	 	05 Apr 2022
	EPA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS

DUE AT : 1800:00

Form: SCA/MTC/049

MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SUN

WO/FML No. : WO/034 - SUN/11/2022

PRE – INSPECTION	
Location	TMH
Date	05 APR 2022
Cycle	-
Filed Barometric	1010
OAT	30 °C
Altitude	80

POST – INSPECTION	
Location	TMH
Date	05 APR 2022
Cycle	-
Filed Barometric	1010
OAT	29 °C
Altitude	80

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	832 °C
Ng	102.7 %	99.7 %
Wf	578	538
Oil Press		94 °C
Oil Temp		63 °C
Start Temp		709 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2398
Np	1900	1880
ITT	835 °C	820 °C
Ng	102.7 %	99.5 %
Wf	578	533
Oil Press		93 °C
Oil Temp		62 °C
Start Temp		690 °C

Engine Run Up Checks					
Inertial ☒	EPL ☒	OVG ☒	Stby Alt ☒	BOV ☒	Brake ☒
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
VANI ANANTA		05 APR 2022	TMH.



MAINTENANCE PROGRAM CESSNA C208/C208B

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

Reg. Mark : PK - SMW Date : 05 Apr 2022
 MSN : C208B - 5579 Station : TRM
 TSN / CSN : 1697:20/2691 WO No. : W10/034-SMW/111/2022

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 6135-3A</u>		

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>AN623S-3A</u> P/N ON: <u>AN 623S-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

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	: <u>VANI ANANTA</u>	Stamp	: 
Signature	: 	Place/Date	: <u>05 APR 2022</u>

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 05 Apr 2022	A/C REG : PK-SAW	
A/C TYPE : C208B-EX	CHECKER : Vani	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	FD1202-201	20080480025	DEC 2024	Satisfy
2	Co-Pilot Life Vest	FD1202-201	20080480030	DEC 2024	Satisfy
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	FIRST AID KIT	CS20-1690	SEPT 2022	Satisfy
14	Crash Axe Installed	NPN	NSN	%C	Satisfy
15	Fire Extinguisher	C362	P75060351	NOV 2022	Satisfy
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	LSK-1-S	979287	NOV 2022	Satisfy
OTHERS					
18	ELMER LIGHT	NPN	NSN	-	Satisfy



Aircraft Registration: PK-SNW



WO# Nr: WO/034-SNW/III/2022

Additional Work Sheet Inspection 100 Hours

Parts Used Sheet

Special Tool Used			Engineer
No.	Description	Due Date	
1	TORQUE		F.

Aircraft Registration: **PK-SNW**WO# NR: **WO/034-SNW/III/2022**

Parts Used Sheet

Additional Work Sheet
Inspection 100 Hours

Part Used

Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer
05 APR 2022	AV6235-3A	N30	FILTER	2 EA	JP
05 APR 2022	ST 6202-014	N30	O-RING	1	JP
05 APR 2022	ST 6202-015	N30	O-RING	1	JP
05 APR 2022	ST 6202-126	N30	O-RING	1	JP
05 APR 2022	M25085-03	N30	O-RING	1	JP
05 APR 2022	ST 6202-224	N30	O-RING	1	JP
05 APR 2022	ST 6202-193	N30	O-RING	1	JP
05 APR 2022	ST 6202-130	N30	O-RING	1	JP
05 APR 2022	M25085-1-212	N30	O-RING	1	JP
05 APR 2022	M25085-1-206	N30	O-RING	1	JP
05 APR 2022	M25085-1-228	N30	O-RING	1	JP
05 APR 2022	M25085-1-212	N30	O-RING	1	JP
05 APR 2022	M25085-1-135	N30	O-RING	1	JP
05 APR 2022	M25085-1-209	N30	O-RING	1	JP