



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours due at 3254 Hours.	No.	WO/088-SNM/III/2022
	Date	24-Mar-2022
	A/C Reg.	PK-SNM C208-00655
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 3254 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.: (Engineer In Charge) VANI ANANTA	Signature (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
24-Mar-2022	WO/088-SNM/III/2022	Inspection 100 Hours	09 APR 2022	
A/C Type		Mfg. Serial Number	A/C Registration	
C208		C208-00655	PK-SNM	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-PC2316	3246:12 / 4647	
	#2	-	-	
Propeller/Rotor	#1	190085	3246:12	
	#2	-	-	
Landing Gear	NLG		3246:12 / 4647	
	LH MLG		3246:12 / 4647	
	RH MLG		3246:12 / 4647	
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 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

.....

.....

.....

.....



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

WO Ref: WO/088-SNM/III/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	09 APR 2022		VANI ANANTA	
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	09 APR 2022		VANI ANANTA	
3	Form SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECKLIST	09 APR 2022		VANI ANANTA	



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK - SUM

WO/FML No. : WO/088-SUM/111/2022

PRE – INSPECTION	
Location	TMH
Date	02 APR 2022
Cycle	-
Filed Barometric	1009
OAT	37°C
Altitude	80 Ft

POST – INSPECTION	
Location	TMH
Date	09 APR 2022
Cycle	-
Filed Barometric	1009
OAT	41°C
Altitude	80 Ft

PRE – INSPECTION		
	Target	Actual
Tq	1865	1883
Np	1900	1870
ITT	800 °C	734 °C
Ng	100 %	98.7 %
Wf	450	442
Oil Press		32 °C
Oil Temp		79 °C
Start Temp		°C

POST – INSPECTION		
	Target	Actual
Tq	1865	1866
Np	1900	1880
ITT	810 °C	727 °C
Ng	100.5 %	98.6 %
Wf	446	449
Oil Press		32 °C
Oil Temp		75 °C
Start Temp		737 °C

Engine Run Up Checks

Inertial ☒ EPL ☒ OVG ☒ Stby Alt ☒ BOV ☒ Brake ☒ Randown ☒

NOTE:

1. Brake system at Torque 1500 ft-lbs.
2. Inertial Separator at Torque 400 ft-lbs.
3. EPL check can't exceed 4% Ng per second.
4. Standby Alt at 80% Ng.
5. Low idle at 52.5 – 53.5% 40Amps.
6. High idle at 64 - 66% Ng 40Amps.

Engine Performance Target Table Cessna C208

OAT (°C)	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Tq (ft.lbs)	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865
Np	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
ITT (°C)	772	775	778	780	785	790	793	795	797	800	800	800	802	805	810
Ng (%)	98.5	98.5	99	99	99.1	99.2	99.4	99.5	99.5	100	100	100.2	100.5	100.7	100.9
WF (PPH)	450	450	450	450	450	450	450	450	450	450	450	450	448	448	446

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 465 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		09 APR 2022	TAMAH MERAH

Revision No. : 03
SCA/TEK/1-001
26 September 2019

Page B02.1

Reg. Mark	: PK - SUM	Date	: 09 Apr 2022
MSN	: C208 00655	Station	: TMH
TSN / CSN	: 3246:12/4647	WO No.	: WO/088 - SUM/11/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E710001	130	Do a check of the FCU manual override system for static operation.		
E710003	130	Do a compressor performance recovery wash.		
E710004	130	Inspect all accessible connections, clamps and brackets for attachment. Inspect accessible lockwire and safety cable for security and installation.		
E710005	130	Inspect of wear, chafing, cracks and corrosion for tubing, wiring, control linkage, hose assemblies. NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		
E710006	130	Examine linkages. Pay particular attention to rear linkage cam box, fuel control unit arm, telescopic rod and rod end fittings. Disconnect rod ends and clean using solvent (PWC11-027) or (PWC11-031). Lubricate with light grease (PWC04-001) after engine external wash. Examine rod end for corrosion, roughness in rotation, side play and radial play. After lubrication reinstall rod ends and torque to specified value (Ref 76-10-00). Check free movement of linkage.		
E710007	130	Inspect attachment and linkages, air, oil and fuel lines (Ref. 73-10-07/-08). NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		
E710011	130	Performed Deceleration Check		
E720001	130	Do a visual inspection of the engine exhaust duct welds.		
E720002	130	Do a visual inspection of the engine exhaust duct for cracks.		
E720003	130	External surfaces, and fireseal mount ring brackets for cracks, distortion, and corrosion of gas generator case (Ref. 72-30-04).		

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
VANI ANANTA	ENGINEER		9659
Timan Toi M.	MECHANIC		

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 Stamp : 

Signature :  Place/Date : TMH / 09 APR 2022

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form. SCA/MTC/023
---	--	---

DATE : 01 Apr 2022	A/C REG : PK-SVM
A/C TYPE : Boeing C208	CHECKER : JANI. A. SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074 - 101 W	17060900063	JUN 2022	Good.
2	Co-Pilot Life Vest	P01074 - 101 W	17060900041	JUN 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	First Aid Kit	NPN	NSN	April 2022	Good.
14	Crash Axe Installed	NPN	NSN	O/C	Good.
15	Fire Extinguisher	U 392	F 60989684	Nov 2022.	Good.
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	Flash Light	NPN	NSN	O/C	Good.



Parts Used Sheet

[illegible]



Additional Work Sheet Inspection 100 Hours

Aircraft Registration: **PK-SNM**

WO# Nr: **WO/088-SNM/III/2022**

Parts Used Sheet 2

Part Used

[illegible]