



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B TTSN : 91:32
A/C REG : PK-SNN TCSN : 72
MSN : C208B-5706 DATE : 14-JAN-2023

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 100 FH
REF : MP C208B REV. 12

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
CEP NANA . P	AIRFRAME & POWER PLANT	15114 / 36	 	14-JAN-2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS INSPECTION
DUE AT : 200

Form: SCA/MTC/049

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
227 Dec 2022	WO/002/SNN/XII/2022	100 Hours Inspection	19-JAN-2023		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5706	PK-SNN		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0836	01:32		
	#2	-	-		
Propeller/Rotor	#1	220588	01:32		
	#2	-	-		
Landing Gear	NLG		72		
	LH MLG		72		
	RH MLG		72		
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	
<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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Dwi M.


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

WO Ref: WO/002-SNN/XII/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	14/01 2023		CER NANA	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	14/01 2023		CER NANA	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	14/01 2023		CER NANA	



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Engine Inspection	No.	WO/002-SNN/XII/2022
	Date	27 Dec 2022
	A/C Reg.	PK-SNN C208B-5706
Reference : MP C208B Rev. 12	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform 100 Hours Inspection Due at 100 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	Sign & Date Company Lic. No.:  (Engineer In Charge) CEP NANA	Signature  (Technical Manager)
CARRIED OUT	 14-JAN-2023	

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark

: PK - SNN

WO/FML No.

: WO/002-SNN/XII/2022

PRE – INSPECTION	
Location	JBB
Date	14-JAN-2023
Cycle	72
Filed Barometric	29.80 in
OAT	29°C
Altitude	264 ft

POST – INSPECTION	
Location	JBB
Date	14-JAN-2023
Cycle	72
Filed Barometric	29.80 in
OAT	27°C
Altitude	264 ft

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	839 °C	810 °C
Ng	102.7 %	100.0 %
Wf	578	525
Oil Press		90 °C
Oil Temp		75 °C
Start Temp		687 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	835 °C	809 °C
Ng	102.7 %	100.0 %
Wf	578	525
Oil Press		87 °C
Oil Temp		73 °C
Start Temp		683 °C

Engine Run Up Checks							
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Randomn	☒		
NOTE: 1. Brake system at Torque 2000 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 55.5 - 57% 40Amps. 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:

ENGINE PARAMETER
WITHIN LIMIT

PERFORMED BY

Name	Sign & Stamp	Date	Location
CEP NAWA		14-JAN-2023	JBB

Revision No. : 03

SCA/TEK/1-001

26 September 2019

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

DATE : 14-JAN-2023	A/C REG : PK-SNN
A/C TYPE : C208B	CHECKER : CEP WANA SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-201	22081470006	AUG 2024	GOOD
2	Co-Pilot Life Vest	P01074-201	22081470027	AUG 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	FL-220	NSN	DEC - 2023	ON CONDITION
14	Crash Axe Installed				
15	Fire Extinguisher	C 352	H-21670493	DEC-2023	ON CONDITION
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



Parts Used Sheet

[illegible]



Additional Work Sheet 100 Hours Inspection

Parts Used Sheet

WO# Nr.: WO/002-SNN/XII/2022

Date	Part Nr.	Serial Nr.	Description	Qty	Engineer
19-MU-2023	AN 6235-3A	NSN	O-RING FILTER	2	CP Nana
	M25988-1-212	NSN	O-RING	1	CP Nana
	M25988-1-928	NSN	O-RING	1	CP Nana
	M83485-1-212	NSN	O-RING	1	CP Nana
	M83485-1-135	NSN	O-RING	1	CP Nana
	M83485-1-904	NSN	O-RING	1	CP Nana
	AS 3209-224	NSN	O-RING	1	CP Nana
	AS 3209-143	NSN	O-RING	1	CP Nana
	AS 3209-120	NSN	O-RING	1	CP Nana
	ST 6202-011	NSN	O-RING	4	CP Nana
	AS 3209-014	NSN	O-RING	1	CP Nana
	AS 3209-015	NSN	O-RING	1	CP Nana
	AS 3209-126	NSN	O-RING	1	CP Nana
	MS 9385-09	NSN	O-RING	1	CP Nana



CREWS	
CAPT	:
COPIL	:
EOB	:
TIME	:
STATION	:
LIC. NO.	:
Sign & Stamp	:

I hereby certify that the aircraft has been maintained in accordance with applicable laws, regulations, and standards of the Federal Aviation Administration (FAA) and is deemed to be in airworthy condition and safe for flight.

ROUTE				BLOCK				T/O	LDG	FLT		LDG / CYCLE	FUEL			RECEIPT NO	ADDED	
FROM	TO	OFF	ON	HRS	MINS	HRS	MINS			REM	UPLIFT		TOTAL	OIL	HYD			
MAY 15 1965																		
TTL BLOCK TIME:																		
TTL FLT TIME & LDG:																		

[illegible]

ECTM Manual Entry (if required)	
Time	:
Altitude	:
IAS	:
TQ/EPR	:
ITT/EGT	:

No	DISCREPANCIES (write NIL or A/C OK if No Defect)	No	CORRECTIVE ACTION	Sign, Stamp & Date
1.	100 HOURS ENGINE INSPECTION.	1.	PERFORMED WD/002-SMN/XII/2022 EXCEPTION FOR INSPECTED ENGINE	 14-JAN-2023
			PTA-190 100 HRS INSPECTION. REFER TO	
			AMM CHAPTER 05-15-00 TIME LIMITS /	
			MAINTENANCE CHECK - SCHEDULE	
			INSPECTION.	

NG/N2	:	
NP/N1	:	
F/F	:	
Oil Temp.	:	
Oil Press	:	
OAT	:	
Last Compressor Wash C/O		
Date	:	14-JAN-2023
PERIODIC INSPECTION		
Last Insp C/O at	:	31-32
Type of Insp	:	100
Next inspection		
Type Insp.	:	200
Due at	:	200:00

[illegible]