



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject :
100 Hours Inspection Due at 1100 FH

No.	WO/028-SNJ/VIII/2022
Date	25 Aug 2022
A/C Reg.	PK-SNJ C208B-S640

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 1100 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 :

Compliance
Statement

Sign & Date
Company Lic. No.: 01-5017-1022


(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		
25 Aug 2022	WOM28-SNJ/VIII/2022	100 Hours Inspection	01-SEP-2022		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5640	PK-SNJ		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0738	1093:18 / 1600		
	#2	-			
Propeller/Rotor	#1	210140	1093:18 / 1600		
	#2	-			
Landing Gear	NLG		1093:18 / 1600		
	LH MLG		1093:18 / 1600		
	RH MLG		1093:18 / 1600		
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>		NIL			
<u>IC-002</u>					
<u>IC-003</u>					
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					



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

WO Ref: WO/028-SNJ/VIII/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	01/SEP 2022		Amos M. Sano	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	01/SEP 2022		Amos M. Sano	
3	SCAMTC/023	EMERGENCY EQUIPMENT CHECK	01/SEP 2022		Amos M. Sano	



PT. SMART CAKRAINALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B	TTSN : 1093112
A/C REG : PK-SNJ	TCSN : 1600
MSN : C208B-5640	DATE : 01-Sept-2022

TYPE OF INSPECTION : INSPECTION 100 HOURS
 DUE AT : 1100 FH
 REFF : MP COMAR REV. 12

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
Amir Muhammad Said	AIRFRAME & POWER PLANT	8690		01/Sept 2022
	EPA			

THE NEXT DUE TYPE OF INSPECTION : 400 HRS

DUE AT : 1200:00 WPS

Form: SCA/MTG/049



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNJ

WO/FML No. : WO/028-SNJ/VIII/2022

PRE - INSPECTION	
Location	
Date	
Cycle	
Filled Barometric	
OAT	
Altitude	

POST - INSPECTION	
Location	NBX
Date	01-SEP-2022
Cycle	1655
Filled Barometric	
OAT	32
Altitude	SEA LEVEL

PRE-INSPECTION		
	Target	Actual
Tq		
Np		
ITT	°C	°C
Ng	%	%
WF		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

POST-INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	841 °C	843 °C
Ng	102.7 %	101.2 %
WF	578	573
Oil Press		83 °C
Oil Temp		78 °C
Start Temp		701 °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:

All parameters on target

PERFORMED BY

Name	Sign & Stamp	Date	Location
Muhammad Said		01/SEP 2022	NBX



MAINTENANCE PROGRAM CESSNA C208/C208B

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

Reg. Mark : PK - SNU Date : 01-Sept - 2022

MSN : C208B-5640 Station : A/Bx

TSN / CSN : 10552118 WO No. : WO/028-SNU/VIII/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			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.			01/Sept 2022
F710003	130	Do a compressor performance recovery wash			01/Sept 2022
F720000	130	Do a visual inspection of the Control Linkages and wiring.			01/Sept 2022
F720001	130	Do a visual inspection of the engine exhaust duct welds.			01/Sept 2022
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.			01/Sept 2022
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.			01/Sept 2022
F720004	130	Do a visual inspection of the rear fireseal mounting ring.			01/Sept 2022
F722001	130	Do a visual inspection of the air inlet screen.			01/Sept 2022
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			01/Sept 2022
F725005	130	Do a detailed inspection of the turbine exhaust duct.			01/Sept 2022
F731002	130	Do a check for the fuel pump installation and leaks.			01/Sept 2022
F731003	130	Do a check of the oil-to-fuel heater installation			01/Sept 2022
F731035	130	Do a visual inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element (CLEANING / REPLACEMENT) P/N OFF: <u>AN 625C-54</u> P/N ON: <u>AN 625C-3A</u>			01/Sept 2022



MAINTENANCE PROGRAM CESSNA C208/C208B

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

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F731006	130	Do a check of the drain valve for installation and leaks			01/SEP 2022
		NOTE: There is no need to remove the drain valve if there is no leaks.			
F731007	130	Do a check of the flow divider for installation and leaks.			01/SEP 2022
F731008	130	Do a visual inspection of the P3 filter and drain valve.			01/SEP 2022
F731015	130	Do a visual inspection of Fuel Pump outlet filter. (CLEANING / REPLACEMENT) P/N OFF: <u>AW 1235-3A</u> P/N ON: <u>AW 1235-3A</u>			01/SEP 2022
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.			01/SEP 2022
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.			01/SEP 2022
F792000	130	Inspect and clean oil filter for debris.			01/SEP 2022
*** End of Engine PT6A-140 100 Hours Inspection Items ***					

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>James M. Smith</u>	<u>ENGINEER</u>		<u>P630</u>
<u>REI</u>	<u>MECHANIC</u>		<u>N/A</u>

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 : James M. Smith Stamp :

Signature : Place/Date : N732 / 01 SEP-2022



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 01-sept-2022	A/C REG : PK-SNJ
A/C TYPE : C208B	CHECKER : Jmuw SIGN: Jms

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	17060000072	July 2023	check
2	Co-Pilot Life Vest	P01202-201	17060000033	MAY 2023	check
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	Firt Aid Kit				
14	Crash Axe Installed	NPN	NSN	O/C	GOOD
15	Fire Extinguisher	C302	F. 523 66618	NOV 2022	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	NPN	S 3026-101	SEP 2024	GOOD
OTHERS					
18	FLASH LIGHT	NPN	NSN	O/C	GOOD



Additional Work Sheet

100 Hours Inspection

Aircraft Registration: **PK-SNJ**

WO# Nr: WO/028-SNJ/VIII/2022

Parts Used Sheet

Part Used

[illegible]

Additional Work Sheet

100 Hours Inspection

Aircraft Registration: **PK-SNJ**

WO# Nr: **WO/028-SNJ/VIII/2022**

Parts Used Sheet

Special Tool Used

[illegible]