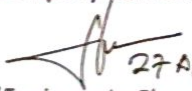




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Inspection Due at 1900 FH	No.	WO/037-SNJ/IV/2023
	Date	24 Apr 2023
	A/C Reg.	PK-SNJ C208B-5640
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform 100 Hours Inspection Due at 1900 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.: SCA-03  27 APRIL 2023 (Engineer In Charge)	Signature  (Technical Manager)

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
24 Apr 2023	WO/037-SNJ/IV/2023	100 Hours Inspection	

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	1894:12 / 3150
	#2	-	-
Propeller/Rotor	#1	210140	1894:12 / 3150
	#2	-	-
Landing Gear	NLG		1894:12 / 3150
	LH MLG		1894:12 / 3150
	RH MLG		1894:12 / 3150

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/037-SNJ/IV/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX D08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	27 APRIL 2023		Sampurna	
2	APPENDIX B08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	27 APRIL 2023		Sampurna	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	27 APRIL 2023		Sampurna	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE	: CESSNA 208B	TTSN	: 1894:12 Hrs
A/C REG	: PK-SNJ	TCSN	: 3150
MSN	: C208B-5640	DATE	: 27 APRIL 2023

TYPE OF INSPECTION	: INSPECTION 100 HOURS
DUE AT	: 1900 FH
REFF	: MP C208B ISSUED 01

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
Sampurna #.	AIRFRAME & POWER PLANT	4870/SCA-03		27 APRIL 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION :

DUE AT :

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
---	--	--	--	--	-------------------------	--

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE	
—	—	—	—	—	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
—	—	—	—		
9. ZONE	10. STA	11. MTC TYPE			
—	—	—			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
—	—	—

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
—	—	—	—
Performed at A/C TT : A/C TC /LDG :			

20. CORROSION INFORMATION					
LOCATION	CAUSE OF DAMAGE				
	☐ Environment	—	—	—	—
	☐ Internal Leakage				
CORROSION ☐ Isolated ☐ Widespread	☐ Chemical Spill				
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ LAV/Galley Spill				
PROPOSED ACTION ☐ Doublers	☐ Blocked Drain				
☐ Others	☐ Wet Insulation Blanket				
	☐ Other				
21. If the defect is RII, Please Sign this card finally by RII Inspector				INSP	DATE
NOTICE OF INSPECTOR					

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
—	—	—	—	—	—	—

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNJ

WO/FML No. : 60637 - SNJ/14/2023

PRE - INSPECTION	
Location	TMH
Date	29 APRIL 2023
Cycle	3150
Filed Barometric	29.92
OAT	32
Altitude	180 ft

POST - INSPECTION	
Location	TMH
Date	27 APRIL 2023
Cycle	3156
Filed Barometric	29.92
OAT	27
Altitude	180 ft

PRE - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	841 °C	843 °C
Ng	102.7 %	100.6 %
Wf	578	563
Oil Press		92 °C
Oil Temp		75 °C
Start Temp		643 °C

POST- INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	835 °C	840 °C
Ng	102.7 %	100.0 %
Wf	578	560
Oil Press		90 °C
Oil Temp		73 °C
Start Temp		673 °C

Engine Run Up Checks					
Inertial	☒	EPL	☒	OVG	☒
Stby Alt	☒	BOV	☒	Brake	☒
Random	☒				
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
Sampurna		27 APRIL 2023	TMH



MAINTENANCE PROGRAM **CESSNA 208/208B**

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark	: PK - <u>SNJ</u>	Date	: <u>27 APRIL 2023</u>
MSN	: <u>208B5640</u>	Station	: <u>TMH</u>
TSN / CSN	: <u>1894:12 / 3150</u>	WO No.	: <u>WD0637-SNJ/1V/2023</u>

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII 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		



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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>		
F731006	130	Do a check of the drain valve for installation and leaks		
		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.		
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>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</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/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>Ganipriya</u>	<u>Engineer</u>		<u>4070</u>
<u>Arie Nababan</u>	<u>mechanic</u>		<u>—</u>

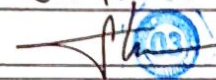


MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

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. Place/Date : TMH/27 APRIL 2023
Sign & Stamp : 

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 27 APRIL 2023	A/C REG : PK-SNJ
A/C TYPE : C208B	CHECKER : Sampurna SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	p 01202-201	19080030021	May 2029	Serviceable
2	Co-Pilot Life Vest	p 01202-201	21071600005	May 2029	Serviceable
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	FL220	0721-2116	July 2023	Serviceable
14	Crash Axe Installed	NPN	NSN	-	Serviceable
15	Fire Extinguisher	C352	618292061	Sept 2023	Serviceable
16	Life Raft (If Installed)	-	-	-	-
17	Survival Kit (If Installed)	FL220	S3626-101	Aug 2023	Serviceable
OTHERS					



Additional Work Sheet

100 Hours Inspection

Parts Used Sheet

Aircraft Registration: **PK-SNJ**

WO# Nr: WO/037-SNJ/IV/2023

[illegible]



Parts Used Sheet

Aircraft Registration: **PK-SNJ**

WO# N°: WO/037-SNJ/IV/2023

WO/037-SN
Part Used

[illegible]