



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

WO/041-SNH/1/2022

Subject: Inspection 100 Hours & Add Task Due at 2100 Hours.	No.	WO/082-SNH/1/2022
	Date	18-Jan-2022
	A/C Reg.	PK-SNH C208B-5587
Reference : MP C208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM

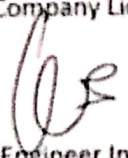
To : Engineer In Charge

Description :

1. Perform Inspection 100 Hours & Add Task Due at 2100 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 Carried out	Sign & Date Company Lic. No.: SA27  23 Jan 2022 (Engineer In Charge)	Signature (Technical Manager)
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Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
18-Jan-2021	WO/041-SNH/I/2022	Inspection 100 Hours & Add Task	23 Jan 2022	
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5587	PK-SNH	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0662	2091:55 / 3022	
	#2	-		
Propeller/Rotor	#1	190837	2091:55 / 3022	
	#2	-		
Landing Gear	NLG			
	LH MLG			
	RH MLG			
PACKAGE COVERED				
No	Subject	Qty	Remark	
1	Non-Routine Card	-		
2	Inspection Card	1	Completed	
3	Work Order	1	Completed	
4	Summary Inspection List	1	Completed	
5	Material and Tool List	-		
6	Escalation form	-		
7	CRS (SMI / Unscheduled Maintenance)	1	Completed	
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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SUMMARY INSPECTION ITEMS
(Form: SCA/MTC/050)

WO Ref: WO/041-SNH/I/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	23 Jan 22		Wahyono	
2	CHAPTER 32	INSPECTION DOCUMENT 26	23 Jan 22		Wahyono	
3	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	23 Jan 22		Wahyono	
4	SCA/MTC/ 023	EMERGENCY EQUIPMENT CHECK	23 Jan 22		Wahyono	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE
SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : CESSNA 208B

A/C REG : PK-SNH

MSN : C208B-5587

TTSN : 2091:55

TCSN : 3022

DATE : 23 Jan 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS & ADD TASK

DUE AT : 2100 HOURS

REFF : MP C208B 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
Wahyono	AIRFRAME & POWER PLANT	5792/SCA27		23/2022
	EIRA			01

THE NEXT DUE TYPE OF INSPECTION : 200 hrs Inspection

DUE AT : 2200 Hrs.

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	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 C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNH

WO/FML No. : WO/082-SNH/1/2022

PRE - INSPECTION	
Location	Senjani
Date	23 Jan 2022
Cycle	
Filed Barometric	299.2
OAT	31°C
Altitude	300 ft.

POST - INSPECTION	
Location	Senjani
Date	23 Jan 2022
Cycle	
Filed Barometric	299.2
OAT	32°C
Altitude	300 ft.

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	1880
ITT	841 °C	825 °C
Ng	102.7 %	101.2 %
Wf	578	545
Oil Press		93 °C
Oil Temp		75 °C
Start Temp		680 °C

Engine Run Up Checks							
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Randomn	☒		
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:

Good

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Wahyono		23/01/2022	Senjani

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

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Reg. Mark : PK- SNH Date : 23 Jan 2022
 MSN : C208B 5587 Station : Sentani
 TSN / CSN : 2091: 55/3022 WO No. : W0682-SNH/1/2022

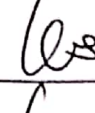
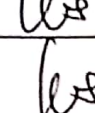
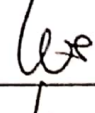
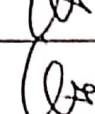
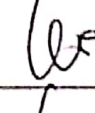
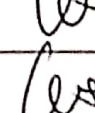
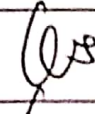
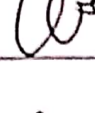
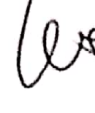
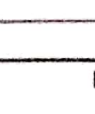
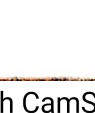
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B243301	122	Concord Sealed Lead Acid Battery Functional Check (Capacity Check) EPV Voltage : <u>20</u> Volt Result : <u>100</u> % NOTE: The inspections schedule may be adjusted after the useful battery life is established, based on operations." Task 24-33-00-720		
*** End of Inspection Document 26 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Wahyono	Engineer		5792

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>Wahyono</u>	Stamp	: 
Signature	: 	Place/Date	: <u>Sentani 23 Jan 2022</u>

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

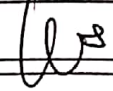
Reg. Mark : PK - SNH Date : 23 Jan 2022
 MSN : C208B 6587 Station : Semanti
 TSN / CSN : 2091:55/3022 WO No. : WO/082-SNH/1/2022

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 6235 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>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 corrosions 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
Wahyono	Engineer		5792

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>Wahyono</u>	Stamp	: 
Signature	: 	Place/Date	: <u>Sentani 23 jan 2022</u>



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 23 Jan 2022	A/C REG : PK-SNHH
A/C TYPE : C208B EX	CHECKER :  SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest		170605 000 72	Juli 2022	Serviceable
2	Co-Pilot Life Vest		170605 000 33	Juli 2022	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	Firt Aid Kit	FL 220	1219-1450	Aug 2022	Serviceable
14	Crash Axe Installed	NPN	NSN		Secured
15	Fire Extinguisher	C352	F95366618	Nov 2022	Serviceable.
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



1

Scanned with CamScanner



Aircraft Registration: **PK-SNH**

WO# NR:
WO/041-SNH/I/2022

Parts Used Sheet

2

[illegible]