



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Engine Inspection	No.	WO/010-SNN/V/20223
	Date	20 May 2023
	A/C Reg.	PK-SNN C208B-5706
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 300 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 Bc No.:  27. May 2023 (Engineer In Charge) Dadit Sugianto	Signature  (Technical Manager)

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		
20 May 2023	WO/010/SNN/V/2023	100 Hours Inspection	27 May 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	29A:26 / 316		
	#2	-			
Propeller/Rotor	#1	220588	29A:26 / 316		
	#2	-			
Landing Gear	NLG		29A:26 / 316		
	LH MLG		29A:26 / 316		
	RH MLG		29A:26 / 316		
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


Dwi M.


Dodit


Yanuar


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

WO Ref: WO/010-SNN/V/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	27.05.2023		Dodits	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	27.05.2023		Dodits	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	27.05.2023		Dodits	

Appendix B - Form: SCA/MTC/050



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B TTSN : 294 : 26
A/C REG : PK-SNN TCSN : 316
MSN : C208B-5706 DATE : 27 May 2023

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 300 FH
REF : MP C208B ISSUED 01

EXCEPTION

- Nil noted -

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
Dodit. Supriyanto	AIRFRAME & POWER PLANT	4857 / SCA 05		27 May 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 400 Hrs
DUE AT : 400:00 Hrs.

Form: SCA/MTC/049

Reg. Mark : PK-SNN

WO/FML No. : 010-SNN/V/2023

PRE – INSPECTION	
Location	PKY
Date	27 May 2023
Cycle	316
Filed Barometric	29.921
OAT	29
Altitude	100

POST – INSPECTION	
Location	PKY
Date	27 May 2023
Cycle	316
Filed Barometric	29.921
OAT	28
Altitude	110

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	839 °C	798 °C
Ng	102.7 %	100.9 %
Wf	578	546
Oil Press		91 °C
Oil Temp		66 °C
Start Temp		650 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	837 °C	800 °C
Ng	102.7 %	100.7 %
Wf	578	539
Oil Press		91 °C
Oil Temp		66 °C
Start Temp		633 °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: - Nil -

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Docit.S		27 May 2023	PKY

Reg. Mark : PK-SNN

Date : 27 May 2023

MSN : 208B5076

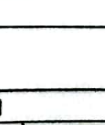
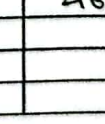
Station : PKY

TSN / CSN : 204:26 / 316

WO No. : 010-SNN/V/2023

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.		N/A
F710003	130	Do a compressor performance recovery wash		N/A
F720000	130	Do a visual inspection of the Control Linkages and wiring.		N/A
F720001	130	Do a visual inspection of the engine exhaust duct welds.		N/A
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.		N/A
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.		N/A
F720004	130	Do a visual inspection of the rear fireseal mounting ring.		N/A
F722001	130	Do a visual inspection of the air inlet screen.		N/A
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		N/A
F725005	130	Do a detailed inspection of the turbine exhaust duct.		N/A
F731002	130	Do a check for the fuel pump installation and leaks.		N/A
F731003	130	Do a check of the oil-to- fuel heater installation		N/A

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: _____ P/N ON: _____		N/A
F731006	130	Do a check of the drain valve for installation and leaks		N/A
		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.		N/A
F731008	130	Do a visual inspection of the P3 filter and drain valve.		N/A
F731015	130	Do a visual inspection of Fuel Pump outlet filter. (CLEANING / REPLACEMENT) P/N OFF: _____ P/N ON: _____		N/A
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.		N/A
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.		N/A
F792000	130	Inspect and clean oil filter for debris.		N/A
*** End of Engine PT6A-140 100 Hours/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodih Supriyanto	Engineer		4857

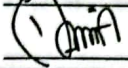


MAINTENANCE PROGRAM CESSNA 208/208B

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 : Dedil. Supriyanto Place/Date : PKY 27 May 2023
Sign & Stamp : 

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

DATE : 27 May 2023	A/C REG : PK-SNN
A/C TYPE : C208B	CHECKER :  SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074 - 201	22081470027	Dec 2023	5/5
2	Co-Pilot Life Vest	P01074 - 201	22081470006	Dec 2023	5/5
3	Pax Life Vest	P01202 - 201	22090440326	20 March 2024	5/5
4	Pax Life Vest	P01202 - 201	22090440207	20 March 2024	5/5
5	Pax Life Vest	P01202 - 201	22090440284	20 March 2024	5/5
6	Pax Life Vest	P01202 - 201	22090440463	20 March 2024	5/5
7	Pax Life Vest	P01202 - 201	22090440336	20 March 2024	5/5
8	Pax Life Vest	P01202 - 201	22090440291	20 March 2024	5/5
9	Pax Life Vest	P01202 - 201	22090440288	20 March 2024	5/5
10	Pax Life Vest	P01202 - 201	22090440338	20 March 2024	5/5
11	Pax Life Vest	P01202 - 201	22090440368	20 March 2024	5/5
12	Pax Life Vest	P01202 - 201	22090440426	20 March 2024	5/5
13	First Aid Kit	FL 220	N/SN	20 Dec 2023	5/5
14	Crash Axe Installed	NPN	NSN	-	5/5
15	Fire Extinguisher	C352	H21670493	21 Dec 2023	5/5
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
	Pax life vest	P01202 - 201	22090440197	20 March 2024	5/5
	Pax life vest	P01202 - 201	22090440281	20 March 2024	5/5

Appendix B - Form: SCA / MTC / 023



Additional Work Sheet

100 Hours Inspection

Aircraft Registration: **PK-SNN**

WO# Nr: WO/010-SNN/V/2023

Parts Used Sheet

Special Tool Used

[illegible]



Parts Used Sheet

WO# Nr: WO/010-SNN/V/2023
Part Used

[illegible]