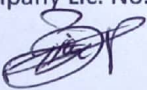




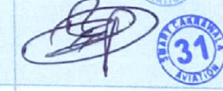
PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 900 FH.	No.	WO/020-SNA/II/2022
	Date	01-Mar-2022
	A/C Reg.	PK-SNA C208B-5634
Reference : MP C208B REV. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours Due at 900 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.: SCA031  10 March 2022 (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		
01-Mar-2022	WO/020-SNA/II/2022	Inspection 100 Hrs	10 March 2022		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5634	PK-SNA		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0730	894:33 / 1406		
	#2	-			
Propeller/Rotor	#1	200483	894:33 / 1406		
	#2	-			
Landing Gear	NLG				
	LH MLG				
	RH MLG				
PACKAGE COVERED					
No	Subject	Qty	Remark		
1	Non-Routine Card	-			
2	Inspection Card	-			
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	
IC-001	74-20-00	Replaced R/H Igniter Due to worn out	→	✓	
IC-002	74-20-00	Replaced L/H Igniter Due to worn out	→	✓	
IC-003					
IC-004					
IC-005					
IC-006					

<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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INSPECTION CARD

(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	WO 020-SNA/11/2022		7A-20-00	10/03/2022
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNA	C208B-EX			
9. ZONE	10. STA	11. MTC TYPE		
Engine	TIM	Replacement		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
R/H Igniter was worn out		10/03/22

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Removed and Replaced R/H Igniter with the New. 1AW C208B AMM # 7A-20-00 Performed at A/C TT: 894:33 A/C TC/LDG: 1406			10/03/22

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
Igniter	CH34055	1	-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
General Tools			OK			
Torque wrench.	QD1R50.	Apr. 2023	OK			



INSPECTION CARD (Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-002	WO/020 SNA/11/2022		74-20-00	10/03/2022
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNA/C208B 5639	C208B-Ex			
9. ZONE	10. STA	11. MTC TYPE		
Engine	TIM	Replacement		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
4/4 Igniter was worn out		10/03/22

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Removed and Replaced 4/4 Igniter with the New. IAW C208B AMM#74-20-00			10/03/22
Performed at A/C TT : 894.33 A/C TC /LDG : 1406			

20. CORROSION INFORMATION				
LOCATION	CAUSE OF DAMAGE			
	☐ Environment			
	☐ Internal Leakage			
	☐ Chemical Spill			
	☐ LAV/Galley Spill			
CORROSION ☐ Isolated ☐ Widespread	☐ Blocked Drain			
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ Wet Insulation Blanket			
PROPOSED ACTION ☐ Doublers ☐ Others	☐ 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
Igniter	CH34055	1	-	-	☒	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
General tools	QDIR50	April 2023	OK			
Torque wrench			OK			



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

WO Ref: WO/020-SNA/II/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	10/03/2022		Arya	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	10/03/2022		Arya	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	10/03/2022		Arya.	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B

TTSN : 894:33

A/C REG : PK-SNA

TCSN : 1406

MSN : C208B-5634

DATE : 10-03-2022

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 900 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
D. Arya Permana	AIRFRAME & POWER PLANT	9505/SCA031		10 March 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 Hrs

DUE AT : 1000 FH.

Form: SCA/MTC/049

MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK -

WO/FML No. :

PRE – INSPECTION	
Location	TIM
Date	10 March 2022
Cycle	
Filed Barometric	1010 Hpa
OAT	28 °C
Altitude	160

POST – INSPECTION	
Location	TIM
Date	10 March 2022
Cycle	
Filed Barometric	1010 Hpa
OAT	29 °C
Altitude	140

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	837 °C	804 °C
Ng	102,7 %	100,1 %
Wf	578	533
Oil Press		95 °C
Oil Temp		59 °C
Start Temp		689 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	837 °C	804 °C
Ng	102,7 %	100,3 %
Wf	578	541
Oil Press		96 °C
Oil Temp		54 °C
Start Temp		692 °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.

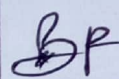
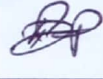
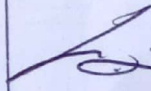
REMARKS:

PERFORMED BY			
Name	Sign & Stamp	Date	Location
D. Arya. Permana.		10/03/2022	TIM.

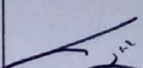
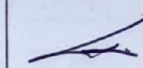
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

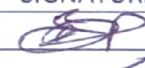
Reg. Mark : PK - SMA
 MSN : C208B-5634
 TSN / CSN : 894:33/1406

Date : 10 March 2022
 Station : TIM
 WO No. : WQ020-SMA/III/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>AN6235-3A</u> P/N ON: <u>AN6235-3A</u>		

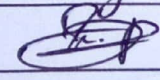
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

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>AMP6235-3A</u> P/N ON: <u>AMP6235-3A</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 Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>Arya P</u>	<u>Engineer</u>		<u>7505</u>
<u>Kedok A.S</u>	<u>ENGINEER</u>		<u>46051</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 : D. Arya Permara. Stamp : 
Signature :  Place/Date : TIM / 10 March 2020



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 10/03/2022	A/C REG : PK-SNA.
A/C TYPE : C 208B-EX	CHECKER : Arya P. SIGN:  

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO1202-201	21031090020	Mar 2030	OK
2	Co-Pilot Life Vest	PO1202-201	21031090008	Mar 2030	OK
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	FL220FAK	0221-1898	Feb 2023	OK
14	Crash Axe Installed	-	-	-	OK
15	Fire Extinguisher	C352	G40531481	July 2022	OK
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	FL220-	105755	JAN 2023	OK
OTHERS					
18	Flash light.	-	-	-	OK.





Parts Used Sheet