



PT. SMART CAKRAWALA AVIATION

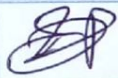
WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 2300 Hours.	No.	WO/048-SNH/IV/2022
	Date	10-APR-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 Due at 2300 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 : -NIL-		
Compliance Statement <i>Carried Out</i>	Sign & Date Company Lic. No.:  <i>[Signature]</i> 26 April 2022. (Engineer In Charge) <i>D. Arya Permana</i>	Signature <i>[Signature]</i> Istiono (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	
10-Apr-2022		WO/048-SNH/IV/2022	Inspection 100 Hours	26 April 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		2289:35/3423	
	#2	-			
Propeller/Rotor	#1	190837		2289:35/3423	
	#2	-			
Landing Gear	NLG			2289:35/3423	
	LH MLG			2289:35/3423	
	RH MLG			2289:35/3423	
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	
IC-001	79-20-00	Replaced E/H Igniter Due to worn out.	-	✓	 
IC-002					
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


Dwi M.


Dodit


Yanuar


Istiono



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

WO Ref: WO/048-SNH/IV/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	26/09/2022		Arya	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	26/09/2022		Arya	
3	SCA/MTC/ 023	EMERGENCY EQUIPMENT CHECK	26/09/2022		Arya	



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 : 2289:35

TCSN : 3923

DATE : 26 April 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 2300 HOURS

REF : 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	 	26 April 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 400 Hrs.

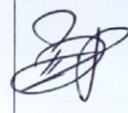
DUE AT : 2400 FH

Form: SCA/MTC/049

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

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
K-001	WO/CASNAH/11/2022		74-20-00	26/09/2022	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PE-SNAH	C208B-EX.				
9. ZONE	10. STA	11. MTC TYPE			
Engine	DJJ	Replacement			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
L/H Igniter was worn out.		26/09/2022

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Removed and Replaced L/H Igniter with the New IAW C208B AMM # 74-20-00 Performed at A/C TT : 2289:35 A/C TC /LDG : 3423			26/09/2022

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

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	QDIR50	April 2023	OK

MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK- SMH.

WO/FML No. : WO/048-SMH/IV/2022

PRE – INSPECTION	
Location	<u>DJJ</u>
Date	<u>26 April 2022</u>
Cycle	
Filed Barometric	<u>29,92 inHg.</u>
OAT	<u>36 °C</u>
Altitude	<u>300 ft.</u>

POST – INSPECTION	
Location	<u>DJJ</u>
Date	<u>26 April 2022</u>
Cycle	
Filed Barometric	<u>29,92 inHg</u>
OAT	<u>36 °C</u>
Altitude	<u>300 ft.</u>

PRE – INSPECTION		
	Target	Actual
Tq	<u>2397</u>	<u>2397</u>
Np	<u>1900</u>	<u>1870</u>
ITT	<u>842 °C</u>	<u>835 °C</u>
Ng	<u>102,6 %</u>	<u>101,0 %</u>
Wf	<u>565</u>	<u>539</u>
Oil Press		<u>95 °C</u>
Oil Temp		<u>68 °C</u>
Start Temp		<u>680 °C</u>

POST- INSPECTION		
	Target	Actual
Tq	<u>2397</u>	<u>2397</u>
Np	<u>1900</u>	<u>1870</u>
ITT	<u>842 °C</u>	<u>837 °C</u>
Ng	<u>102,6 %</u>	<u>100,1 %</u>
Wf	<u>565</u>	<u>536</u>
Oil Press		<u>94 °C</u>
Oil Temp		<u>66 °C</u>
Start Temp		<u>669 °C</u>

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

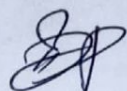
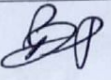
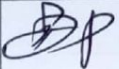
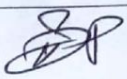
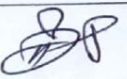
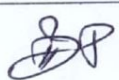
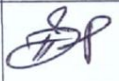
1. Make sure that inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
2. This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
3. Max fuel flow is 580 lb/hr fuel flow is not more than 15 lbs/hr higher than the 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
<u>D. Arga Permana</u>	 	<u>26 April 2022</u>	<u>DJJ</u>

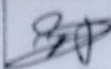
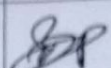
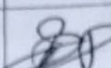
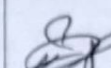
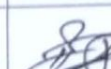
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK - SNH Date : 26 April 2022
 MSN : C208 B-5587 Station : DJJ
 TSN / CSN : 2289:35/3923 WO No. : WO/048-SNH/IV/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>		

MAINTENANCE PROGRAM CESSNA C208/C208B

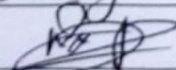
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

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>AN6235-3A</u> P/N ON: <u>AN6235-3A</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
<u>Arya P.</u>	<u>Engineer</u>		<u>9505.</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 Permana Stamp : 
Signature :  Place/Date : DSJ / 26 April/2022



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 26 April 2022

A/C REG : PK-SMH.

A/C TYPE : C208B-EX

CHECKER : Arya P

SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P010202-201	17060500072	July 2022	Good
2	Co-Pilot Life Vest	P010202-201	17060500033	July 2022	Good
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-FAETM	1249-1450	Augt 2022	Good
14	Crash Axe Installed	—	—	—	Good
15	Fire Extinguisher	C 352	Fgs 36618	Nov 2022	Good
16	Life Raft (If Installed)	—	—	—	—
17	Survival Kit (If Installed)	—	—	—	—
OTHERS					
	—	—	—	—	—
	—	—	—	—	—



7

Parts Used Sheet

[illegible]



Additional Work Sheet

PK-SNH

WO # Nr.:

WO/048-SNH/IV/2022

Parts Used Sheet

2

Part Used

[illegible]