

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
11 Sep 2023	WO/018-SNT/IX/2023	100 Hours		
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5707	PK-SNT	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0838	692:30/804	
	#2	-		
Propeller/Rotor	#1	211046	692:30/804	
	#2	-		
Landing Gear	NLG		692:30/804	
	LH MLG		692:30/804	
	RH MLG		692:30/804	
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 Open Close	Name/ Sign & Stamp
<u>IC-001</u>				
<u>IC-002</u>				
<u>IC-003</u>				
<u>IC-004</u>				
<u>IC-005</u>				
<u>IC-006</u>				

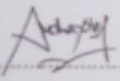
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


Dwi M.


Dodit


Yanuar


Istiono



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

WO Ref: WO/018-SNT/IX/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	14/ 09/2023		Budi.H.	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	14/ 09/2023		Budi.H.	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	14/ 09/2023		Budi.H.	



MAINTENANCE PROGRAM **CESSNA 208/208B**

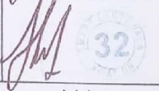
Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK-SAT
MSN : C208B-5707
TSN / CSN : 692 : 30 / 804

Date : 14 SEPT-2023
Station : PALANEA RANA
WO No. : WD/078-SMT/1X/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.		
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		

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>AM G235-3A</u> P/N ON: <u>AM G235-3A</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>AM G235-3A</u> P/N ON: <u>AM G235-3A</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/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

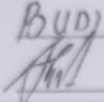


MAINTENANCE PROGRAM CESSNA 208/208B

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 : BUDY HARJOYO Place/Date : PKY / 14 SEPT 2023
Sign & Stamp :  



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : CESSNA 208B
A/C REG : PK-SNT
MSN : C208B-5707
TTSN : 692 : 30
TCSN : 804
DATE : 14/09/2023

TYPE OF INSPECTION : 100 Hours Engine Inspection
DUE AT : 700 Hours
REF : MP C208B ISSUED 01

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
BUDI HARTOYO	AIRFRAME & POWER PLANT	9506/SCA32	 32	14/09/2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : INSPECTION 400 Hours.
DUE AT : 800:00 HOURS

Form: SCA/MTC/049



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 692 : 30
A/C REG	: PK-SNT	TCSN	: 804
MSN	: C208B-5707	DATE	: 14/09/2023

TYPE OF INSPECTION	: 100 Hours Engine Inspection
DUE AT	: 700 Hours
REF	: MP C208B ISSUED 01

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
BUDI HARTOYO	AIRFRAME & POWER PLANT	9506/SCA32	 	14/09/2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION	: Inspection 400 Hours.
DUE AT	: 80000HOURS

Form: SCA/MTC/049

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

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
6. A/C REG/MSN		7. A/C TYPE C208B	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	15
	PPC/ENG	DATE

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	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



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 14. SEPT. 2023

A/C REG : PK-SNT

A/C TYPE : C208B

CHECKER : Budi-H

SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-201	2208147009	22 DEC' 2023	GOOD
2	Co-Pilot Life Vest	P01074-201	22081470021	22 DEC' 2023	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	First Aid Kit	FL 220-FAX FAA	0622-2736	DEC' 2023	GOOD
14	Crash Axe Installed	LACAL		%	GOOD
15	Fire Extinguisher	C 352	10848 4419	DEC' 2023	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
	FLASH LIGHT			%	GOOD

MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK -

WO/FML No. :

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	PKY
Date	14 SEPT. 2023
Cycle	
Filed Barometric	1012
OAT	27°C
Altitude	85 Feet

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	1890
ITT	835°C	788 °C
Ng	102.7%	100.2%
Wf	578	523
Oil Press		93 °C
Oil Temp		62 °C
Start Temp		670 °C

Engine Run Up Checks							
Inertial	☒	EPL	☐	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Random	☒		
NOTE: 1. Brake system at Torque 2000 ft-lbs. 2. Inertial Separator at Torque 400 ft-lbs. 3. EPL check can't exceed 4% Ng per second. 4. Standby Alt at 80% Ng. 5. Low idle at 55.5 - 57% 40Amps. 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:

- Make sure that inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
- This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
- Max fuel flow is 580 lb/hr fuel flow is not more than 15 lbs/hr higher than the value shown in table.
- If parameters are outside the target performance table to EMM chapter 71-00-00.

REMARKS:

PERFORMED ENGINE
GROUND RUN FUELED
SATISFACTORY.

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Bub. H		14/09/2023	PKY

Issued: 01
SCA/TEK/1-001
15 December 2022

Page B08.1





Additional Work Sheet

100 Hours Insp.

WO# N#: WO/018-SNT/IX/2023

Parts Used Sheet

2

Part Used

Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer
14 SEPT. 2023	PT6A-140	-	100 HRS KIT 140 /C208B-EX		Budr k
	AN 6235-3A	1 -	FILTER	1EA	
	M25988-1-212		O-RING	1EA	
	M25988-1-928		O-RING	1EA	
	M25988-1-918		O-RING	1EA	
	3059779-01	ALT-AN6235-3A	FOHE FUEL FILTER	1EA	
	M83485-1-212		FOHE FILTER O-RING	1EA	
	M83485-1-135		FOHE FILTER O-RING	1EA	
	M83485-1-909		FOHE FILTER	1EA	
	AS3209-224		OIL FILTER	2EA	
	AS3209-1213		OIL FILTER	1EA	
	AS3209-120		OIL FILTER P3 FILTER	1EA	
	AS3209-014		P3 FILTER	1EA	
	AS3209-015		P3 FILTER	1EA	
14 SEPT. 2023	AS3209-126		P3 FILTER	1EA	
	3010880		GASKET	2EA	Budr k