

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

DATE OF ISSUED		JOWO #		TYPE OF MAINTENANCE		DATE OF ACCOMPLISHED	
9 Oct 2022		WO/035-SNA/X/2022		Inspection 100 Hrs			
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			
		#2		-			
Propeller/Rotor		#1		200483			
		#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			
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


.....
Istiono



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

WO Ref: WO/035-SNA/X/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE				
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION				
3	APPENDIX C04	OOP34004 - CONDUCT VISUAL INSP. & CHECK SLIP CLUTCHS OF GSM 85A/86				
4	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK				



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B

TTSN :

A/C REG : PK-SNA

TCSN :

MSN : C208B-5634

DATE :

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 1500 HOURS

REF : MP C208B REV. 12

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
	AIRFRAME & POWER PLANT			
	EIRA			

THE NEXT DUE TYPE OF INSPECTION :

DUE AT :

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	8. TRADE	12. VENDOR ORDER #	
C208B-5634	PK-SNA			
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 - SNA

WO/FML No. : WO/035-SNA/X/2022

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

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		
Np		
ITT	°C	°C
Ng	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°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



MAINTENANCE PROGRAM CESSNA C208/C208B

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

Reg. Mark	:	PK - SNA	Date	:	
MSN	:	5634	Station	:	
TSN / CSN	:		WO No.	:	WO/035-SNA/X/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			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: _____ P/N ON: _____			

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

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
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: _____ P/N ON: _____			
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

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	: _____	Stamp	: _____
Signature	: _____	Place/Date	: _____



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix C04 – OOP34004 / GSM 85A/86

Reg. Mark	:	PK - SNA	Date	:	
MSN	:	5634	Station	:	
TSN / CSN	:		WO No.	:	WO/035-SNA/X/2022

NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
01	211 212	Conduct visual inspection and check slip clutches of GSM 85A/86, refer to G1000 Line Maintenance Manual, Doc. No. 190-00869-00, Rev. G.		
*** End of Appendix C04 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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	:		Stamp	:	
Signature	:		Place/Date	:	

6.4 GSM Slip Clutch Checking and Adjustment Procedure

Refer to the Cessna Caravan Maintenance Manual for rigging and de-rigging instructions. For instructions on checking and adjusting the slip clutch refer to Section 3.3 of the GSA 8X/GSM 85(A) Installation Manual (P/N 190-00303-72) and for the GSM 86, Installation Manual (P/N 190-00303-83). See Table 6-1 for slip clutch settings for the GSM 85. This adjustment requires the use of the Garmin servo adjustment fixture, P/N T10-00110-01. Table 6-2 lists the settings for the GSM 86. Note that the GSM 86 settings are set at the factory and cannot be adjusted in the field.

Servo	Settings (in-lbs)	Tolerance (in-lbs)
Pitch	80	±10
Pitch Trim	70	±9
Roll	70	±9
Yaw	65	±8

Table 6-1. Caravan Slip Clutch Settings (GSM 85)

Servo	Part Number	Type	Tolerance
208/208B Roll, 208/208B Pitch	011-02490-04	GSM 86 with 72 in-lb clutch, 1/16" spiral capstan	±15%
208/208B Yaw	011-02490-05	GSM 86 with 61 in-lb clutch, 1/16" spiral capstan	±15%
208/208B Pitch Trim (Pre-Assy)	011-02490-06	GSM 86 with 72 in-lb clutch, .25" pitch sprocket	±15%

Table 6-2. Caravan Slip Clutch Settings (GSM 86)



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE :	A/C REG : PK-SNA
A/C TYPE : C208B	CHECKER : SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest				
2	Co-Pilot Life Vest				
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				
14	Crash Axe Installed				
15	Fire Extinguisher				
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



Additional Work Sheet 100 Hours Inspection

Aircraft Registration: **PK-SNA**

WO# Nr: **WO/035-SNA/X/2022**

Parts Used Sheet

Special Tool Used

[illegible]



Additional Work Sheet 100 Hours Inspection

Aircraft Registration: **PK-SNA**

WO# Nr: WO/035-SNA/X/2022

Parts Used Sheet

Part Used

[illegible]