



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection Document 06 & Add Task Due at 2200 FH	No.	WO/035-SNG/III/2022
	Date	14-Mar-2022
	A/C Reg.	PK-SNG C208B-5543
Reference : MP C208/208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection Document 06 & Add Task Due at 2200 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.: (Engineer In Charge)	Signature (Technical Manager)

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
14-Mar-2022	WO/035-SNG/III/2022	Inspection Doc. 06 & Add Task			
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5543	PK-SNG		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0596			
	#2	-			
Propeller/Rotor	#1	190140			
	#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

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

WO Ref: WO/035-SNG/III/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE				
2	CHAPTER 06	INSPECTION DOCUMENT 0A				
3	CHAPTER 12	INSPECTION DOCUMENT 06				
4	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION				
5	CHAPTER 52	ENGINE PT6A-140 200 HOUR INSPECTION				
6	CHAPTER 53	ENGINE PT6A-140 200 HOUR / 6 MONTHS INSPECTION				
7	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-SNG	TCSN :
MSN : C208B-5543	DATE :

TYPE OF INSPECTION	: INSPECTION DOCUMENT 06 & ADD TASK
DUE AT	: 2200 HOURS
REF	: MP C208B REV. 10

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
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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 #	
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 - WO/FML No. :

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 ☐ Randomown ☐
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:

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 6 – Inspection Document 0A

Reg. Mark	:	PK - _____	Date	:	_____
MSN	:	_____	Station	:	_____
TSN / CSN	:	_____	WO No.	:	_____

TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
05-20-00-280	Aircraft Records Check		
12-10-01-610	Hydraulic Brake System Servicing		
24-33-00-720	Concord Sealed Lead Acid Battery Functional Check (Capacity Check) EPV Voltage : _____ Volt Result : _____ %		
25-10-00-220	Crew Seats Detailed Inspection		
25-10-00-710	Inertia Reel Operational Check		
27-10-00-721	Aileron System Functional Check Aileron Wing Cable Tension 40 ± 5 lbs (178 ± 22 N) @ 21°C (70°F) Ref. 27-10-00 Figure 602 Result : _____ lbs Aileron Fuselage Cable Tension $20 + 5$ lbs ($89 + 22$ N) @ 21°C (70°F) Ref. 27-10-00 Figure 603 Result : _____ lbs Turn the control wheel so that the stop bolt touches the right bellcrank. Left aileron up travel must be $25 + 4$ or 0 degrees. Result : _____ degrees Turn the control wheel so that the stop bolt touches the left bellcrank. Left aileron down travel must be $16 + 1$ or -0 degrees Result : _____ degrees		
27-50-00-220	Flap Actuator Mount Bracket Detailed Inspection		



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 6 – Inspection Document 0A

TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
27-50-00-221	Flap Bell Crank Detailed Inspection		
27-50-00-720	Flap System Functional Check Make sure that cable tension is 35 ±5 lbs (156 ±22 N) @ 21°C (70°F) Ref. 27-50-00 Figure 602 Result: _____ lbs		
32-20-00-220	Nose Landing Gear Detailed Inspection		
32-40-00-220	Brakes Detailed Inspection Brake Disc Thickness (minimum 0.537 inch) LH: _____ inch / RH: _____ inch Brake linings Thickness (minimum 0.100 inch) Outboard LH: _____ inch. Outboard RH: _____ inch Inboard LH: _____ inch. Inboard RH: _____ inch		
32-40-00-222	Main Landing Gear Wheels and Tires Detailed Inspection Tire Pressure (56 ± 5 psi for APE STOL Installed & 45 ± 5 psi for non-APE STOL) Tire Pressure LH: _____ psi Tire Pressure RH: _____ psi		
32-40-00-224	Nose Landing Gear Wheel and Tire Detailed Inspection Tire Pressure (36 ± 6 psi) Tire Pressure : _____ psi		
32-10-00-220	Main Landing Gear Detailed Inspection Free Play Check (maximum 0.014 inch / 0.3556 mm) LH: _____ inch / RH: _____ inch		
53-10-00-214	Empennage and Horizontal Stabilizer Zonal Inspection		
53-10-00-210	External Fuselage Zonal Inspection		
53-10-00-211	Internal Cockpit Zonal Inspection		
53-10-00-212	Internal Cabin Zonal Inspection		

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 6 – Inspection Document 0A

TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
53-10-00-213	Internal Tail Cone Zonal Inspection		
57-10-00-210	Wing Zonal Inspection		
61-11-00-720	McCauley Propeller Functional Check		
71-20-00-220	Engine Mounts and Firewall Detailed Inspection		
71-00-01-210	Engine Compartment Zonal Inspection		
76-10-00-720	Engine Controls Functional Check Low Idle Ng (52% - 55%) Result: _____ % High Idle Ng (64% - 66%) Result: _____ %		

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

Chapter 12 – Inspection Document 06

Reg. Mark	:	PK - _____	Date	:	_____
MSN	:	_____	Station	:	_____
TSN / CSN	:	_____	WO No.	:	_____

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
A110001	ALL	Interior and Exterior Placard and Decal Detailed Inspection Task 11-00-00-220		
D121001	121	Brake System Servicing Task 12-10-01-610		
D121003	710	Shimmy Damper Servicing Task 12-10-01-611		
C122101	700	Landing Gear Lubrication Task 12-21-03-640		
B236001	343 375 376 571 671	Static Discharge System Functional Check Task 23-60-00-720		
A255101	251 252 255 256 257 258	Cargo Nets Detailed Inspection Task 25-51-00-220		
C270001	215 216 226 373 374 503 525 603 625	Flight Controls Lubrication Task 27-00-00-640		
B273101	211 212 503	Stall Warning System Operational Check Task 27-31-00-710		
C275001	525 527 625 627	Flap Tracks and Rollers Lubrication Task 27-50-00-640		
B281001	575 675	Fuel Vent Line Float Valve Operational Check Task 28-10-03-710		
A281001	521 621	Fuel Filler Assembly Detailed Inspection Task 28-10-01-220		
B301003	122 AUX	Bleed Air Pressure Regulator Functional Check (without TKS and not incorporating CAB93-2) Task 30-10-00-720		
B322001	710	Shimmy Damper Functional Check Task 32-20-02-720		

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 12 – Inspection Document 06

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B341101	AUX	Pitot Tube Heaters Operational Check Task 34-11-00-710		
A353001	256	Oxygen Mask Detailed Inspection Task 35-30-00-220		
B761003	AUX	Emergency Power Lever Annunciator Light (EPL) Operational Check Task 76-10-01-710		
*** End of Inspection Document 06 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

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

Reg. Mark	:	PK - _____	Date	:	_____
MSN	:	_____	Station	:	_____
TSN / CSN	:	_____	WO No.	:	_____

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: _____ P/N ON: _____		

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: _____ 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 PRITICIPATING 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

Chapter 52 – Engine PT6A-140 200 Hours Inspection

Reg. Mark	:	PK - _____	Date	:	_____
MSN	:	_____	Station	:	_____
TSN / CSN	:	_____	WO No.	:	_____

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F793001	130	Do a visual inspection of the chip detector for debris.		
*** End of Engine PT6A-140 200 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

Chapter 53 – Engine PT6A-140 200 Hours or 6 Months Inspection

Reg. Mark	:	PK - _____	Date	:	_____
MSN	:	_____	Station	:	_____
TSN / CSN	:	_____	WO No.	:	_____

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F793000	130	Do a visual inspection of the AGB internal scavenge oil pump inlet screen		
*** End of Engine PT6A- 140 200 Hours or 6 Months 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	:	_____



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE :	A/C REG :
A/C TYPE :	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

Inspection Doc. 06 & Add Task

Aircraft Registration: **PK-SNG**

WO# Nr: WO/035-SNG/III/2022

Parts Used Sheet

Part Used

[illegible]