



PT. SMART CAKRAWALA AVIATION  
WORK ORDER  
Form: SCA/MTC/030

Subject : <b>Inspection 200H/12M&amp;600Hrs Eng.</b>	No.	WO/056-SNG/VIII/2023
	Date	11 Aug 2023
	A/C Reg.	PK-SNG C208B-5543
Reference : <b>MP C208/208B ISSUED 01</b>	Prepared By	TS
	Checked By	CI
	Approved By	TM

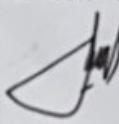
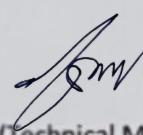
To : Engineer In Charge

Description :

1. Perform Inspection 200Hrs/12Mths & 600Hrs Eng. @3800 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 :

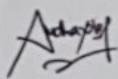
Compliance Statement <b>CARRIED OUT</b>	Sign & Date 18-AUG-2023 Company Lic. No.: SCA-34   (Engineer In Charge)  	Signature   (Technical Manager)
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**AIRCRAFT CHECK WORK SUMMARY**  
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
11 Aug 2023	WO/056-SNG/VIII/2023	Inspection 200Hrs A/F &600Hrs Eng.			
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5543	PK-SNG		
<b>AIRCRAFT DATA</b>					
Subject		Pos #	Serial Number (SN)		
Engine		#1	PCE-VA0596		
		#2	-		
Propeller/Rotor		#1	190140		
		#2	-		
Landing Gear		NLG	6372		
		LH MLG	6372		
		RH MLG	6372		
<b>PACKAGE COVERED</b>					
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		
<b>INSPECTION CARD (IC) LIST (Finding during maintenance)</b>					
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



Hani

Checked by :  
Chief Maintenance



Dodit

Verified by :  
Chief Inspector



Yanuar

Approved by :  
Technical Manager



Istiono

A.



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	CESSNA 208B	TTSN	: 3799 : 56
A/C REG	PK-SNG	TCSN	: 6372
MSN	C208B-5543	DATE	: 18 - AUG - 2023

TYPE OF INSPECTION	: INSPECTION 200HRS/12MTHS A/F & 600HRS ENG.
DUE AT	: 3800 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
YAHAN. S. DEPARI	AIRFRAME & POWER PLANT	12128 / SCA 34		18 / 2023
	EIRA			AUGUST

THE NEXT DUE TYPE OF INSPECTION : 100 HRS

DUE AT : 3800 : 00

Form: SCA/MTC/049



# MAINTENANCE PROGRAM

## CESSNA 208/208B

### Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark

: PK-SNG

WO/FML No. : WO/056-SNG/VM/2023

PRE – INSPECTION	
Location	NABIRE
Date	17.08.2023
Cycle	
Filed Barometric	1010
OAT	31°C
Altitude	30 FEET

POST – INSPECTION	
Location	NABIRE
Date	18.08.2023
Cycle	
Filed Barometric	1010
OAT	29.9°C
Altitude	30 FEET

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	841 °C	821 °C
Ng	102.7 %	100.2 %
Wf	578	549
Oil Press		90 °C
Oil Temp		71 °C
Start Temp		668 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	839 °C	819 °C
Ng	102.7 %	100.1 %
Wf	578	547
Oil Press		91 °C
Oil Temp		71 °C
Start Temp		666 °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:**

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

Issued: 01

SCA/TEK/1-001

15 December 2022

Page B08.1



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

WO Ref: WO/056-SNG/VIII/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX D08	PT6A-ENGINE GROUND RUN	18/2023 AUG		YOHAN S	SMART AVIATION 34
2	APPENDIX C03	200 HRS/12 MTHS INSPECTION	18/2023 AUG		YOHAN S	SMART AVIATION 34
3	APPENDIX D10	PT6A-140 200 HRS/6 MTHS ENGINE	18/2023 AUG		YOHAN S	SMART AVIATION 34
4	APPENDIX D09	PT6A-140 200 HRS ENGINE	18/2023 AUG		YOHAN S	SMART AVIATION 34
5	APPENDIX D08	PT6A-140 100 HRS ENGINE	18/2023 AUG		YOHAN S	SMART AVIATION 34
6	APPENDIX D12	PT6A-140 600 HRS ENGINE	18/2023 AUG		YOHAN S	SMART AVIATION 34
7	SCA/MTC/023	EMERGENCY EQUIPMENT LIST	18/2023 AUG		YOHAN S	SMART AVIATION 34



MAINTENANCE PROGRAM  
CESSNA 208/208B

Appendix C03 – 200 Hours/12 Months Inspection

Reg. Mark	PK-SNG	Date	17-AUG-2023
MSN	C208B-5634	Station	NABIRE
TSN / CSN	3999:56 / 6392	WO No.	WO/056-SNG / VIII/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII 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		
C122103	110	Hartzell Propeller Lubrication Task 12-21-04-640	N/A	N/A
B236001	343 375 376 571 671	Static Discharge System Functional Check Task 23-60-00-720		
B243401	122	Marathon Ni-Cad Battery Functional Check (CapCheck) Task 24-34-00-720	N/A	N/A
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		

**MAINTENANCE PROGRAM****CESSNA 208/208B****Appendix C03 – 200 Hours/12 Months Inspection**

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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		
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 200 Hours/12 Months Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
YOHAN S. DEPARI	ENGINEER		12128
M. AZIZ AMPILKA	ENGINEER		9633
BUDI H	ENGINEER		9506
JUNAIDI SAPUTRA	MECHANIC		
ARIE NABABAN	MECHANIC		

**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 : YOHAN S. DEPARI Place/Date : NABIRE / 18. AUGUST - 2023  
Sign & Stamp :

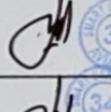
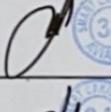
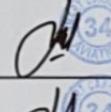
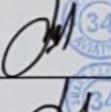
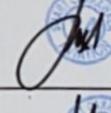
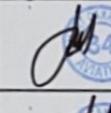
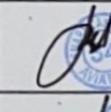
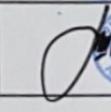


## MAINTENANCE PROGRAM

### CESSNA 208/208B

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

Reg. Mark	: PK-SNG	Date	: 17-AUGUST-2023
MSN	: C208B-5534	Station	: NABIRE
TSN / CSN	: 3799 : 56 / 6372	WO No.	: WO/056-SNG/VIII/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	 	



**MAINTENANCE PROGRAM  
CESSNA 208/208B**

**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  <b>(CLEANING / REPLACEMENT)</b> P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</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.  <b>(CLEANING / REPLACEMENT)</b> P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</u>		
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. <b>Note:</b> If corosions 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
YUHAN. S. DEPARI	ENGINEER		1218
M. AZIZ AHDIAKA	ENGINEER		9633
BUDI. H	ENGINEER		
JUNAIDI. SAPUTRA	MECHANIC		
ARIS MADABAN	MECHANIC		



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 : TOHAN . S. DEPARI Place/Date : NABIRE / 18. AUG. 2023  
Sign & Stamp : 



MAINTENANCE PROGRAM  
CESSNA 208/208B

Appendix D09 – Engine PT6A-140 200 Hours Inspection

Reg. Mark	: PK-SNG	Date	: 18-AUG-2023
MSN	: C208B-5534	Station	: NABIRE
TSN / CSN	: 39956 / 6372	WO No.	: 100/056-SNG/111/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F793001	130	Do a visual inspection of the chip detector for debris.			18/2023 AUG
*** End of Engine PT6A-140 200 Hours Inspection Items ***					

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
M.			
YOHAN S. DEPARI	ENGINEER		12128
JUMAIDI SAPUTRA	MECHANIC		
BUDI H.	ENGINEER		9506

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 : YOHAN S. DEPARI	Place/Date : NABIRE / 18-AUG-2023
Sign & Stamp :	



MAINTENANCE PROGRAM  
CESSNA 208/208B

Appendix D10 – Engine PT6A-140 200 Hours or 6 Months Inspection

Reg. Mark	: PK-SNG	Date	: 18. AUGUST - 2023
MSN	: C208B - 5534	Station	: NABIRE
TSN / CSN	: 3799:56 / 6372	WO No.	: WD/056-SNG/VIII/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII 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
TOHAN. S. DEPARI	ENGINEER		12128
JUNAIDI. SAPUTRA	MECHANIC		

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	: TOHAN. S. DEPARI	Place/Date	: NABIRE / 18. AUGUST - 2023
Sign & Stamp			



# MAINTENANCE PROGRAM

## CESSNA 208/208B

### Appendix D12 – Engine PT6A-140 600 Hours Inspection

Reg. Mark	: PK-SNG	Date	: 17-AUG-2023
MSN	: C208B-5534	Station	: NABIRE /
TSN / CSN	: 3799:56 / 6372	WO No.	: WO/056-SNG / VIII / 2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F731005		Do a visual inspection of the fuel pump inlet screen.		
		NOTE: On new aircraft, check filter after each flight until no contamination is evident. Do a check after first flight or ground run whenever any component upstream of filter is replaced.		
F753001		Do a visual inspection of the compressor bleed valve.		
F793002		Do a functional check of the chip detector.		
*** End of Engine PT6A-140 600 Hours Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
YOHAN. S. DEPARI	ENGINEER		12128
M. AZIZ ANDIKA	ENGINEER		0633
BUDI. H	ENGINEER		
JUMAIDI. SAPUTRA	MECHANIC		
ARIE MADABAN	MECHANIC		

### 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 considered fit for Release to Service.

Name : YOHAN. S. DEPARI	Place/Date : NABIRE / 18-AUGUST-2023
Sign & Stamp :	

	<b>EMERGENCY EQUIPMENT LIST INSPECTION &amp; MONITOR</b>	<b>PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023</b>
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DATE : 18-AUGUST-2023	A/C REG : PK-SNG
A/C TYPE : C208B	CHECKER : ARIE SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19092030036	JAN-2024	SERVICEABLE
2	Co-Pilot Life Vest	P01202-201	19092030051	JAN 2024	SERVICEABLE
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	NPN	NSN	JUN-20	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	OC	SERVICEABLE
15	Fire Extinguisher	C352	F60589302		SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				

#### OTHERS

FLASH LIGHT	KENTARO		NSN	OC	SERVICEABLE



Aircraft Registration: **PK-SNG**



## **Additional Work Sheet**

## Task

WO# Nr.: WO/047-SNG/IV/2023

## Parts Used Sheet



Aircraft Registration: **PK-SNG**



WO# Nr: **WO/047-SNG/IV/2023**

## **Additional Work Sheet**

### **Inspection 200 Hours & Add. Task**

## Parts Used Sheet