



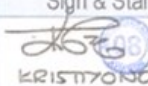
PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours	No.	WO/039-SNV/IV/2023
	Date	10 Apr 2023
	A/C Reg.	PK-SNV C208B-5551
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 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 : # IC-001 - FIND PROPELLER BETA CARBON BRUSH IS WEAR AND OUT OF LIMIT.		
Compliance Statement	Sign & Date Company lic. No.:  (Engineer In Charge)	Signature  (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
10 Apr 2023	WO/039-SNV/IV/2023	Inspection 100 Hours	17 APRIL 2023		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5551	PK-SNV		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0607	3499:00 / 5669		
	#2	-	-		
Propeller/Rotor	#1	181160	3499:00 / 5669		
	#2	-	-		
Landing Gear	NLG		> 3499:00 / 5669		
	LH MLG				
	RH MLG				
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	APPENDIX-B08	FIND PROPELLER BETA CARBON BRUSH IS WEAR AND OUT OF LIMIT.	-	✓	 KRISTI TOND
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



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Hani

Checked by :
Chief Maintenance



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Dodit

Verified by :
Chief Inspector



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Yanuar

Approved by :
Technical Manager



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Istiono



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

WO Ref: WO/039-SNV/IV/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	D08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	17 / APRIL 2023		KRISTIANO	
2	APPENDIX B08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	17 / APRIL 2023		KRISTIANO	
3	SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECK	17 / APRIL 2023		KRISTIANO	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 3499:00
A/C REG	: PK-SNV	TCSN	: 5669
MSN	: C208B-5551	DATE	: 17 APRIL 2023

TYPE OF INSPECTION	: INSPECTION 100 HOURS
DUE AT	: 3500 HOURS
REF	: MP 208/208B ISSUED 01

EXCEPTION

- NIL -

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
KRISTİYONO	AIRFRAME & POWER PLANT	7243/SCA 08		17 / APRIL 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION	: 400 HRS
DUE AT	: 3600 HRS

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC - CDI	WO/039-SNV/IV/2023	ENGINEER	61-11-00	17 APRIL 2023	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNV 208B-5551	C208B EX				
9. ZONE	10. STA	11. MTC TYPE			
ENG		100 HRS INSP.			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
1. FIND PROPELLER BETA CARBON BRUSH IS WEAR AND OUT OF 8 LTM-MIT.	ENGINEER	17/APRIL 2023

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
1. REPLACED PROP. BETA CARBON BRUSH WITH NEW ONE. PERFORM ENGINE GROUND RUN CHECK, FOUND PROP. SYSTEM WAS WORKING GOOD AND SATISFACTORY. REF: AMM CHP. 61-11-00 Performed at A/C TT: 3499:00 A/C TC/LDG: 5669		 	17/APRIL 2023

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
CARBON BRUSH / FEEDBACK BEARING	B-5121	1 EA	NIL	NIL	✓	—

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNV

WO/FML No. : WO/039 - SNV/IV/2023

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	TRK
Date	17 APRIL 2023
Cycle	5663
Filed Barometric	1008
OAT	31
Altitude	40

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	1900
ITT	841 °C	825 °C
Ng	102.7 %	99.8 %
Wf	578	541
Oil Press		92 °C
Oil Temp		57 °C
Start Temp		685 °C

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

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:

- ALL ENGINE PARAMETER IS GOOD AND STILL WITHIN LIMITS.

PERFORMED BY			
Name	Sign & Stamp	Date	Location
KRISTYONO		17 / APRIL 2023	TRK



MAINTENANCE PROGRAM **CESSNA 208/208B**

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

Reg. Mark : PK - SNV Date : 17 APRIL 2023
 MSN : 208B - 5551 Station : TORAKAN
 TSN / CSN : 3499:00/5669 WO No. : WO1039-SNV/V1/2023

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 (CLEANING / REPLACEMENT) P/N OFF: <u>AN6235-3A</u> P/N ON: <u>AN6235-3A</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>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/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
KRISTIYONO	ENGINEER		7243
ARJUN G	ENGINEER		9696
BASPI	MECHANIC		



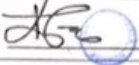
MAINTENANCE PROGRAM CESSNA 208/208B

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 : KRISTİYONO Place/Date : TEK / 17 APRIL 2023

Sign & Stamp :  



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 17 April 2023	A/C REG : PK-SNV
A/C TYPE : C208B	CHECKER : KRISTIYONO SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19080030099	01-AUG-2023	SERVICEABLE
2	Co-Pilot Life Vest	P01202-201	19080030019	01-AUG-2023	SERVICEABLE
3	Pax Life Vest	P01074-201	22081470009	22-DEC-2023	SERVICEABLE
4	Pax Life Vest	P01202-201	21071600009	MARCH-2030	SERVICEABLE
5	Pax Life Vest	P01074-201	22081470013	22-DEC-2023	SERVICEABLE
6	Pax Life Vest	P01074-101W	H 699897	01-SEPT-2023	SERVICEABLE
7	Pax Life Vest	P01074-101W	12062000022	01-SEPT-2023	SERVICEABLE
8	Pax Life Vest	P01074-101W	17060500010	01-SEPT-2023	SERVICEABLE
9	Pax Life Vest	S-51250-6300	3-00-21612-1660	MARCH-2023	SERVICEABLE
10	Pax Life Vest	P01074-101W	17050540012	MARCH-2023	SERVICEABLE
11	Pax Life Vest	63600-167	L273003	SEPT.-2023	SERVICEABLE
12	Pax Life Vest	P01202-201	21071600013	MARCH-2023	SERVICEABLE
13	First Aid Kit	FL220-FALFAA	0919-1381	JAN - 2024	SERVICEABLE
14	Crash Axe Installed	-	-	-	AVAILABLE
15	Fire Extinguisher	C352	F-60589867	OCTOBER 2023	SERVICEABLE
16	Life Raft (If Installed)	-	-	-	-
17	Survival Kit (If Installed)	FL220 -	5714	NOV - 2023	AVAILABLE
OTHERS					
18	FLASH LIGHT	-	-	-	AVAILABLE



Additional Work Sheet Inspection 100 Hours

WO # Nr: WO/039-SNV/IV/2023

Parts Used Sheet

[illegible]



Additional Work Sheet

PK-SNV

WO# Nr:

WO/039-SNV/IV/2023

Parts Used Sheet

Part Used

[illegible]