



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours due at 2500 Hours.	No.	WO/059-SNV/XII/2021
	Date	22-Dec-2021
	A/C Reg.	PK-SNV C208B-5551
Reference : MP C208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours due at 2500 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 : REF : TO IC-001 AND IC-002		
Compliance Statement <i>CARRIED OUT</i>	Sign & Date Company Lic. No.: <i>3632 SCA 2020</i> <i>DENT SOBALI</i> (Engineer In Charge) 03 JAN 21	Signature (Technical Manager)

Appendix B - Form: SCA/MTC/030



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : CESSNA 208B TTSN : 2494736
A/C REG : PK-SNV TCSN : 4506
MSN : C208B-5551 DATE : 03 JAN 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 2500 HOURS

REFF : MP 208/208B REV. 10

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
DEVI SORALI	AIRFRAME & POWER PLANT	9632 SCA 20		03 JAN 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 2000 HRS INSPECTION

DUE AT : 2600 HRS

Form: SCA/MTC/049



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

WO Ref: WO/059-SNV/XII/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	03/jan/22		DENI SOBALI	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	03/jan/22		DENI SOBALI	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	03/jan/22		DENI SOBALI	

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
22-Dec-2021	WO/059-SNV/XII/2021	Inspection 100 Hours	03 Jan 2022		
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	2494:36 / 4506		
	#2	-			
Propeller/Rotor	#1	181160	2494:36 / 4506		
	#2	-			
Landing Gear	NLG		2494:36 / 4506		
	LH MLG		2494:36 / 4506		
	RH MLG		2494:36 / 4506		
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	32-40-00	R/H INBOARD BRAKE LINING FOUND OUT OF LIMIT		✓	DENI SOBANI
IC-002	74-20-00	R/H IGNITER FOUND WORN OUT		✓	DENI SOBANI
IC-003					
IC-004					
IC-005					
IC-006					

INSPECTION CARD (IC) LIST (Finding during maintenance)					
No	Taskcard Ref	Subject	Status		Name/ Sign & Stamp
			Open	Close	
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager

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

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	WO/059-SNV/21/2021	r	32-40-00	31/12/2021
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNV/C208B-5551	C208B EX	POWER PLANT AIRFRAME		
9. ZONE	10. STA	11. MTC TYPE		
	TITIKA	REPLACEMENT		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
FOUND R/H INBOARD BRAKE LINING OUT OF LIMIT	DEV/ SOBAU	31/12/21

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED R/H INBOARD BRAKE LINING WITH THE NEW PART	Jul	9632 20	31/12/21
Performed at A/C TT : 2491:53 A/C TC /LDG : 4500			

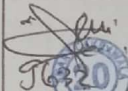
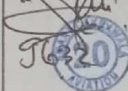
20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment		
	☐ Internal Leakage		
CORROSION ☐ Isolated ☐ Widespread	☐ Chemical Spill		
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ LAV/Galley Spill		
PROPOSED ACTION ☐ Doublers	☐ Blocked Drain		
☐ Others	☐ Wet Insulation Blanket		
	☐ Other		
21. If the defect 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
LINING	066-15300	4	-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
TORQUE WRENCH	QD1R50	APR 2023	GOOD			

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC - 002	WO/059-SNU/XII/2022		74-20-00	31/12/21	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNU/2108B-5551	C208B EX	POWER PLANT			
9. ZONE	10. STA	11. MTC TYPE			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
R/H IGNITER FOUND WORN OUT	DENI SOBAH	31/12/21 

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
REPLACED R/H IGNITER WITH THE NEW PART Performed at A/C TT : 2491:53 A/C TC/LDG : 4500		 	31/12/21

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
IGNITER	CH 34055	1	-	-	☒	

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



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - 3NV

WO/FML No. : WO/059 - 3NV/XII / 2021

PRE - INSPECTION	
Location	TIMIKA
Date	31 DEC 2021
Cycle	
Filed Barometric	1011
OAT	32°
Altitude	140

POST - INSPECTION	
Location	TIMIKA
Date	03 JAN 2022
Cycle	
Filed Barometric	1011
OAT	27°
Altitude	140

PRE - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	841 °C	853 °C
Ng	102.7 %	101.2 %
Wf	578	540
Oil Press		85 PSI °C
Oil Temp		65 °C
Start Temp		750 °C

POST - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	835 °C	835 °C
Ng	102.7 %	100.2 %
Wf	578	562
Oil Press		92 PSI °C
Oil Temp		56 °C
Start Temp		772 °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.

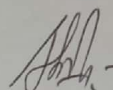
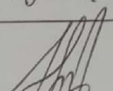
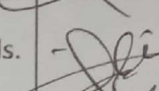
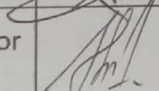
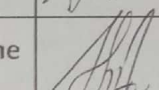
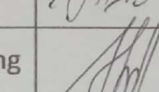
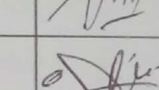
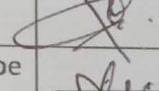
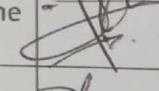
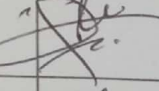
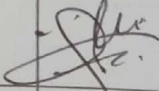
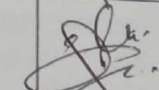
REMARKS:

PERFORMED BY			
Name	Sign & Stamp	Date	Location
DEVI SIBANI		03 / JAN - 21	TIMIKA

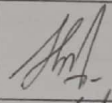
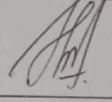
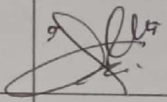
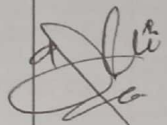
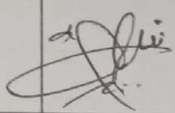
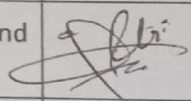
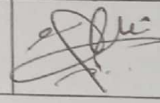
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

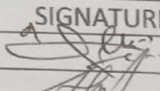
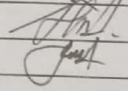
Reg. Mark : PK - 5NV
 MSN : C208B - 5551
 TSN / CSN : 2494.36 / 4506

Date : 23 JAN 2022
 Station : TIMIKA
 WO No. : WO/059-SNV/XII/2021

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: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</u>		

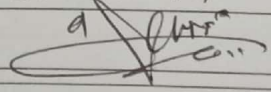
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

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: <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 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
DENI SOBALI	ENGINEER		9632
BUDI HANDYO	ENGINEER		9506
YOHAN S. DEBAY	MECHANIC		

RETURN TO SERVICE

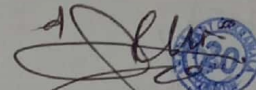
The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

Name : DENI SOBALI Stamp : 
 Signature :  Place/Date : 117 03 JAN 2022



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 03 JAN 2022	A/C REG : PK-SNV
A/C TYPE : C208B-EX	CHECKER : DENI FORNALI SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19080030099	01- AUG-2029	GOOD
2	Co-Pilot Life Vest	P01202-201	19080030019	01- AUG-2029	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	Firt Aid Kit	0919-1381	-	01 JAN 2023	GOOD
14	Crash Axe Installed	-	-	-	GOOD
15	Fire Extinguisher	C-352	F-60589867	30 OCT 2021	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	FL220	5714	NOV 2022	GOOD
OTHERS					
18	FLASHLIGHT	-	-	-	GOOD



Parts Used Sheet

WO# Nr: **WO/059-SNV/XII/2021**

[illegible]



Aircraft Registration:

PK-SNV

WO# NR:

WO/059-SNV/XII/2021

Additional Work Sheet

Inspection 100 Hours

Parts Used Sheet

Part Used					
Date	Part Nr.	Serial Nr.	Description	Quantity	Engineer
31/02/21	AN 6225-34		FILTER	2 EA	DEVI
31/12/21	3010886		GRASER	2 EA	DEVI
31/12/21	ST 6202-014		O-RING	1 EA	DEVI
31/12/21	ST 6202-015		O-RING	1 EA	DEVI
03/01/22	ST 6202-124		O-RING	1 EA	DEVI
03/01/22	ST 6202-09		O-RING	1 EA	DEVI
03/01/22	ST 6202-04				
03/01/22	ST 6202-224		O-RING	1 EA	DEVI
03/01/22	ST 6202-143		O-RING	1 EA	DEVI
03/01/22	ST 6202-120		O-RING	1 EA	DEVI
03/01/22	ST 25980-1-212		O-RING	1 EA	DEVI
03/01/22	ST 25980-1-916		O-RING	1 EA	DEVI
03/01/22	ST 25980-1-928		O-RING	1 EA	DEVI
03/01/22	ST 83485-1-212		O-RING	1 EA	DEVI
03/01/22	ST 83485-1-435		O-RING	1 EA	DEVI
03/01/22	ST 83485-1-1-904		O-RING	1 EA	DEVI
31/01/22	CH 34055		16mm	1 EA	DEVI
31/01/22	066-15300		BRACE LIVING	4 EA	DEVI

AIRCRAFT FLIGHT MAINTENANCE LOG