



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours due at 3500 Hours.	No.	WO/089-SNP/II/2022
	Date	14-Feb-2022
	A/C Reg.	PK-SNP C208B-5495
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 3500 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 : - SEE INSPECTION CARD FOR ACCOMPLISH.		
Compliance Statement Inspection Completed	Sign & Date Company Lic. No.: 26 Feb. 22 SCA 28 (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		
14-Feb-2022	WO/089-SNP/IV/2022	Inspection 100 Hours	26 Feb 2022		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5495	PK-SNP		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0546	413:53/534		
	#2	-			
Propeller/Rotor	#1	180972	450:59/450:59		
	#2	-			
Landing Gear	NLG		534/534		
	LH MLG		5915/5515		
	RH MLG		5915/5915		
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	74-00-00	REPLACE L/H SPARK WENTEN O/T WORN OUT	-	✓	H/oua 
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

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/089-SNP/11/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	26 FEB 2022	05 MHR	Hendro	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	25 FEB 2022	10 MHR	Hendro	
3	SCAMTC/0 23	EMERGENCY EQUIPMENT CHECK	26 FEB 2022	05 MHR	Hendro	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE : CESSNA 208B TTSN : 3492:12
A/C REG : PK-SNP TCSN : 5915
MSN : C208B-5495 DATE : 26 Feb 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 3500 HOURS
REF : MP C208B 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
HENDRO	AIRFRAME & POWER PLANT	5583/28		26 Feb 22
	EIRA			

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

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	
IC-001	WO 1080-SNP/11/2022	SMART AVIATION		25 Feb 2022	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNP	C 208B				
9. ZONE	10. STA	11. MTC TYPE			
ENGINE					

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
LH IGNITER FOUND WORN OUT @ 9 O'clock post.	Handwritten Signature	25 Feb 22

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
REPLACE LH IGNITER WITH NEW ONE QO IAW EMM PT6A-140 REV. 14. CH 2400-00 Performed at A/C TT : 3492:12 A/C TC /LDG : 5915	Borgini	Handwritten Signature	25 Feb 22

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				
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 SPARK	CH 34055	1	N/A	N/A	✓	-

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE WRENCH	10468841	SEPT-2023	OK.



MAINTENANCE PROGRAM **CESSNA C208/C208B**

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNP

WO/FML No. : ~~WO/061-SNP/IV/2021~~
WO/080-SNP/II/2022

PRE – INSPECTION	
Location	TARAKAN
Date	25-FEB-22
Cycle	534
Filed Barometric	1012
OAT	30°C
Altitude	20 ft

POST – INSPECTION	
Location	TARAKAN
Date	26-FEB-22
Cycle	534
Filed Barometric	1012
OAT	29°C
Altitude	20 ft

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	815 °C
Ng	102.7 %	100.5 %
Wf	578	531
Oil Press		92 °C
Oil Temp		70 °C
Start Temp		67.3 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	839 °C	812 °C
Ng	102.7 %	100.7 %
Wf	578	545
Oil Press		94 °C
Oil Temp		57 °C
Start Temp		67.0 °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:

PERFORMANCE CHECK C/O
SATISFACTORY.

PERFORMED BY

Name	Sign & Stamp	Date	Location
HENDRI		26 FEB 2022	TARAKAN

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

Reg. Mark	: PK - SNP	Date	: 26 FEB-22
MSN	: 208B-5495	Station	: TARAKAN
TSN / CSN	: 3492/2 / 5915	WO No.	: WO / 089-SNP / 1 / 2022

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.	<i>[Signature]</i>	
F710003	130	Do a compressor performance recovery wash	<i>[Signature]</i>	
F720000	130	Do a visual inspection of the Control Linkages and wiring.	<i>[Signature]</i>	
F720001	130	Do a visual inspection of the engine exhaust duct welds.	<i>[Signature]</i>	
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.	<i>[Signature]</i>	
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.	<i>[Signature]</i>	
F720004	130	Do a visual inspection of the rear fireseal mounting ring.	<i>[Signature]</i>	
F722001	130	Do a visual inspection of the air inlet screen.	<i>[Signature]</i>	
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	<i>[Signature]</i>	
F725005	130	Do a detailed inspection of the turbine exhaust duct.	<i>[Signature]</i>	
F731002	130	Do a check for the fuel pump installation and leaks.	<i>[Signature]</i>	
F731003	130	Do a check of the oil-to- fuel heater installation	<i>[Signature]</i>	
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>	<i>[Signature]</i>	

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	<i>Hendro</i>	
F731007	130	Do a check of the flow divider for installation and leaks.	<i>Hendro</i>	
F731008	130	Do a visual inspection of the P3 filter and drain valve.	<i>Hendro</i>	
F731015	130	Do a visual inspection of Fuel Pump outlet filter. (CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</u>	<i>Hendro</i>	
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrossions are found, replace filter.	<i>Hendro</i>	
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.	<i>Hendro</i>	
F792000	130	Inspect and clean oil filter for debris.	<i>Hendro</i>	
*** End of Engine PT6A-140 100 Hours Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<i>HENDRO</i>	<i>ENGINEER</i>	<i>Hendro</i>	<i>5583</i>
<i>BASRI</i>	<i>MECHANIC</i>	<i>Basri</i>	

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 : *Hendro* Stamp : 
Signature : *Hendro* Place/Date : *TARAKAN / 26 FEB 22*



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 26 FEB 2022

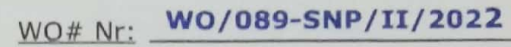
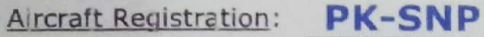
A/C REG : PK-SNP

A/C TYPE : C 208 B-EX

CHECKER : HENORO

SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101W	17060500064	JUNE 2022	Good
2	Co-Pilot Life Vest	P 01074-101W	17071100037	AUG 2022	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	LOCAL	SCA -003	JAN 2023	Good
14	Crash Axe Installed	LOCAL	-	on condition	Good
15	Fire Extinguisher	C 352	45185963	20 FEB 2023	Good
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
	FLASH LIGHT	LOCAL	-	-	Good



Parts Used Sheet

Dipindai dengan CamScanner



Additional Work Sheet

Inspection 100 Hours

Aircraft Registration: **PK-SNP**

WO# Nr: **WO/089-SNP/II/2022**

Parts Used Sheet

Part Used

[illegible]