



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject :	No.	WO/062-SNK/X/2021
Inspection 100 Hours Due at 3069 Hours.	Date	12-Oct-2021
	A/C Reg.	PK-SNK C208-00658
Reference :	Prepared By	TS
MP C208B Rev. 10	Checked By	CI
	Approved By	TM
To : Engineer In Charge		

Description :

1. Perform Inspection 100 Hours Due at 3069 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 :

— NIL —

Compliance Statement <i>CARRIED OUT</i>	Sign & Date Company Lic. No.: 16 OCT 2021 SCA 020 <i>Elvin</i> (Engineer In Charge) 9632	Signature (Technical Manager)
--	---	----------------------------------



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208	TTSN	: 3065 : 16
A/C REG	: PK-SNK	TCSN	: 4274
MSN	: C208-00658	DATE	: 16 OCT 2021

TYPE OF INSPECTION	: INSPECTION 100 HOURS
DUE AT	: 3069 HOURS
REF	: MP C208/ C208B REV. 10

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
DENI SOBALI	AIRFRAME & POWER PLANT	9632 SCA 20		16/ Oct/2021
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 1600 FT.

DUE AT : 3109 : 00

Form: SCA/MTC/049

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
12-Oct-2021	WO/062-SNK/X/2021	Inspection 100 Hours	16 Oct 2021		
A/C Type C208		Mfg. Serial Number C208-00658	A/C Registration PK-SNK		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PC2327	3065:16/4274		
	#2	-			
Propeller/Rotor	#1	190345	3065:16/4274		
	#2	-			
Landing Gear	NLG		3065:16/4274		
	LH MLG		3065:16/4274		
	RH MLG		3065:16/4274		
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					
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



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

WO Ref: WO/062-SNK/X/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	15/0cr/21		DENI SOTBALI	20
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	15/0cr/21		DENI SOTBALI	20
3	Appendix C04	OOP34004 / GSM 85A/86	15/0cr/21		DENI SOTBALI	20
4	Form SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	16/0cr/21		DENI SOTBALI	20

Appendix B - Form: SCA/MTC/050



INSPECTION CARD
(Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

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		
CORROSION	<input type="checkbox"/> Isolated	<input type="checkbox"/> Widespread	<input type="checkbox"/> Environment
CORROSION LVL	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> Internal Leakage
PROPOSED ACTION	<input type="checkbox"/> Doublers	<input type="checkbox"/> Chemical Spill	
	<input type="checkbox"/> Others	<input type="checkbox"/> LAV/Galley Spill	
		<input type="checkbox"/> Blocked Drain	
		<input type="checkbox"/> Wet Insulation Blanket	
		<input type="checkbox"/> Other	
21. If the defect is RII, Please Sign this card finally by RII Inspector			INSP
NOTICE OF INSPECTOR			DATE

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 B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK-SNK

WO/FML No. : WO/062-SNK/x/2021

PRE - INSPECTION	
Location	TRK
Date	15 Oct 2021
Cycle	4274
Filed Barometric	1005 HPA
OAT	29
Altitude	20 FT

POST - INSPECTION	
Location	TRK
Date	16 Oct 2021
Cycle	4274
Filed Barometric	1005 HPA
OAT	29
Altitude	20 FT

PRE - INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	778 °C	744 °C
Ng	99 %	97.7 %
Wf	450	452
Oil Press		50 °C
Oil Temp		55 °C
Start Temp		630 °C

	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	778 °C	727 °C
Ng	99 %	98 %
Wf	450	452
Oil Press		50 °C
Oil Temp		65 °C
Start Temp		608 °C

Engine Run Up Checks

Inertial EPL OVG Stby Alt BOV Brake Random

NOTE:

1. Brake system at Torque 1500 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 52.5 – 53.5% 40Amps.
6. High idle at 64 - 66% Ng 40Amps.

Engine Performance Target Table Cessna C208

OAT (°C)	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
Tq (ft.lbs)	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865
Np	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
ITT (°C)	772	775	778	780	785	790	793	795	797	800	800	800	802	805	810
Ng (%)	98.5	98.5	99	99	99.1	99.2	99.4	99.5	99.5	100	100	100.2	100.5	100.7	100.9
WF (PPH)	450	450	450	450	450	450	450	450	450	450	450	450	448	448	446

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 465 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 SOBAY		16 Oct 2021	TRK

Revision No. : 03

SCA/TEK/1-001

26 September 2019

Page B02.1

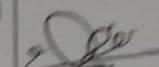
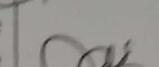
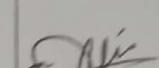
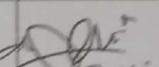
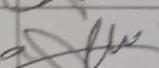
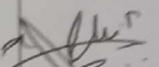
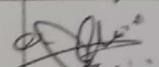
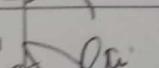


MAINTENANCE PROGRAM
CESSNA C208/C208B

Chapter 44 – Engine PT6A-114A 100 Hours/Minor Inspection

Reg. Mark	: PK-SNK	Date	: 16 OCT 2021
MSN	: C208 00568	Station	: TRK
TSN / CSN	: 3665 : 16 / 4274	WO No.	: WO/062-SNK/X/2021

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E710001	130	Do a check of the FCU manual override system for static operation.		
E710003	130	Do a compressor performance recovery wash.		
E710004	130	Inspect all accessible connections, clamps and brackets for attachment. Inspect accessible lockwire and safety cable for security and installation.		
E710005	130	Inspect of wear, chafing, cracks and corrosion for tubing, wiring, control linkage, hose assemblies. NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		
E710006	130	Examine linkages. Pay particular attention to rear linkage cam box, fuel control unit arm, telescopic rod and rod end fittings. Disconnect rod ends and clean using solvent (PWC11-027) or (PWC11-031). Lubricate with light grease (PWC04-001) after engine external wash. Examine rod end for corrosion, roughness in rotation, side play and radial play. After lubrication reinstall rod ends and torque to specified value (Ref 76-10-00). Check free movement of linkage.		
E710007	130	Inspect attachment and linkages, air, oil and fuel lines (Ref. 73-10-07/-08). NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		
E710011	130	Performed Deceleration Check		
E720001	130	Do a visual inspection of the engine exhaust duct welds.		
E720002	130	Do a visual inspection of the engine exhaust duct for cracks.		
E720003	130	External surfaces, and fireseal mount ring brackets for cracks, distortion, and corrosion of gas generator case (Ref. 72-30-04).		

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E722001	130	Do a visual inspection of the air inlet screen.		
E722004	130	Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02)		
E723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion		
E731002	130	Do a visual inspection of the fuel pump (in-situ inspection only) for installation and leakage		
E731003	130	Check oil-to-fuel heater installation		
E731014	130	Check starting flow control/flow divider for installation and leaks.		
E731015	130	Check outlet filter for foreign matter or distortion (Ref. 73-10-02). (CLEANING / REPLACEMENT) P/N OFF: <u>AN6235-3A</u> P/N ON: <u>AN6235-3A</u>		
E731006	130	Check drain valve for installation and leaks		
E731008	130	Do a visual inspection of the P3 filter and drain valve.		
E731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corosions are found, replace filter.		
E732001	130	Check FCU for installation, linkages and pneumatic tubes.		
E732002	130	Examine the FCU for bearing wash-out, shown by blue dye (grease and fuel mixed) at FCU vent.		
E792002	130	Oil filter elements and secondary screen (coarse hat-type screen attached to the inner end of the filter).		
E792003	130	Examine the forward oil transfer elbow installation on the Flange A. Make sure that the bolts tighten correctly		
*** End of Engine PT6A-114A 100 Hours Inspection Items ***				



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 44 – Engine PT6A-114A 100 Hours/Minor Inspection

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
DEAN SOBACI	ENGINEER		J632

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 : DEAN SOBACI Stamp : _____
Signature : Place/Date : TRK/16-OCT-2021



MAINTENANCE PROGRAM

CESSNA C208/C208B

Appendix C04 – OOP34004 / GSM 85A/86

Reg. Mark	: PK-SNK	Date	: 16 OCT 2021
MSN	: C208-06658	Station	: TARAKAN
TSN / CSN	: 3665:16/4274	WO No.	: WO/062-SNK/X/2021

NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
01	211 212	Conduct visual inspection and check slip clutches of GSM 85A/86, refer to G1000 Line Maintenance Manual, Doc. No. 190-00869-00, Rev. G.		
*** End of Appendix C04 Items ***				

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
DENI SORAU	ENGINEER		8632

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 Soraui	Stamp	:
Signature	:	Place/Date	: TRK /16-OCT-2021

Aircraft Registration: PK-SNK

WO# Nr.: WO/062-SNK/X/2021

Parts Used Sheet 2

Additional Work Sheet
Inspection 100 Hours



Date Part Nr.

Part Used

Serial Nr.

Description

Quantity

Engineer

16 Sept 21 AN 6235-3A

FILTER

1EA

1EA

16 Sept 21 M5 25988-1-212

O-ring

1EA

1EA

16 Sept 21 M5 25989 00 1-916

O-ring

1EA

1EA

16 Sept 21 M5 25988 41-928

O-ring

1EA

1EA

16 Sept 21 M7 03248 11-015

O-ring

1EA

1EA

16 Sept 21 M7 03248 11-115

O-ring

1EA

1EA

16 Oct 21 M7 03248 11-120

O-ring

1EA

1EA

16 Oct 21 M7 03248 11-143

O-ring

1EA

1EA

16 Oct 21 M7 03248 11-224

O-ring

1EA

1EA

16 Oct 21 M7 29513-237

O-ring

1EA

1EA

16 Oct 21 M7 29513-013

O-ring

1EA

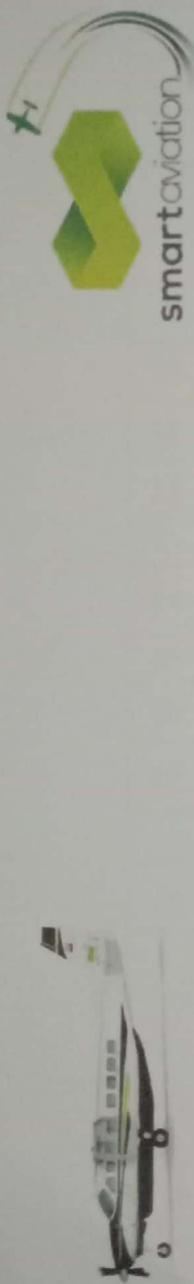
1EA

16 Oct 21 M7 28778-6

O-ring

1EA

1EA



Additional Work Sheet
Inspection 100 Hours

Aircraft Registration: PK-SNK

WO# Nr.: WO/062-SNK/X/2021

Parts Used Sheet 1

No.	Description
96212	TOQUE WRENCH
CD-6 ASX	DEGMATIC CARBON
BCN096115	PRESSURE GAUGE
WT0	OIL PULLER

Special Tool Used

	Due Date	Engineer
	Aug 05 2023	DENI
	Aug 05 2023	DENI
	Aug 05 2023	DENI
	~	DENI



EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR

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

DATE : 16 OCT 2021	A/C REG : PK-SNK
A/C TYPE : C208	CHEKER : Dony Sopaly SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	1904166002	JULY 2029	S
2	Co-Pilot Life Vest	P01202-201	1706050007	JULY 2022	S
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	UNK	SCA-005	SEP - 2022	S
14	Crash Axe Installed	-	-	- SEP - 2021	S
15	Fire Extinguisher	C 352	F6089834	APRIL 2022	S
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	-	-	-	S



1077

AIRCRAFT FLIGHT MAINTENANCE LOG

DATE: 16 OCT 2021

A/C REG. PK - SNF

MSN: 22058 006458

PE: Czas

PAGE: