



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

Subject : <b>Inspection 100 Hours Due at 3469 Hours.</b>		No. WO/071-SNK/II/2022
		Date 10-February-2022
		A/C Reg. PK-SNK C208-00658
Reference : MP C208B Rev. 10		Prepared By TS
		Checked By CI
		Approved By TM
To : Engineer In Charge		
<b>Description :</b> <p>1. Perform Inspection 100 Hours Due at 3469 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.</p>		
<b>Additional Work :</b>		
Compliance Statement	Sign & Date Company Lic. No.: <i>SCA 071</i> <i>08/2022</i> <i>AM</i> <i>DITIAL.G</i> (Engineer In Charge)	Signature (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
10-Feb-2022	WO/071-SNK/II/2022	Inspection 100 Hours	08-03-2022	
A/C Type		Mfg. Serial Number	A/C Registration	
C208		C208-00658	PK-SNK	
<b>AIRCRAFT DATA</b>				
Subject	Pos #	Serial Number (SN)	TTSN/TCNN	
Engine	#1	PCE-PC2327	3463:42/5063	
	#2	-		
Propeller/Rotor	#1	190345	3463:42/5063	
	#2	-		
Landing Gear	NLG		3463:42/5063	
	LH MLG		3463:42/5063	
	RH MLG		3463:42/5063	
<b>PACKAGE COVERED</b>				
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/071-SNK/II/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	08/22 03		RIDZALG	21
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	08/22 03		RIDZALG	21
4	Form SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	08/22 03		RIDZALG	21



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	CESSNA 208	TTSN	3463:42
A/C REG	PK-SNK	TCSN	5063
MSN	C208-00658	DATE	08-03-22
TYPE OF INSPECTION	INSPECTION 100 HOURS		
DUE AT	3469 HOURS		
REFF	MP C208/ C208B REV. 10		
EXCEPTION			
<i>- NO EXCEPTION -</i>			
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
RIZWAN GHAZALI	AIRFRAME & POWER PLANT	9694 SCA 021	 
	EIRA		
THE NEXT DUE TYPE OF INSPECTION	: 400 HOURS		
DUE AT	: 3569:00 HOURS		

**Appendix B - Form: SCA/MTC/049**



**INSPECTION CARD**  
(Form: SCA/MTC/ 048)

TECHNICAL  
DEPARTMENT

1. CARD #	2. JOMO #	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		
	<input type="checkbox"/> Environment		
	<input type="checkbox"/> Internal Leakage		
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread	<input type="checkbox"/> Chemical Spill		
CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> LAV/Galley Spill		
PROPOSED ACTION <input type="checkbox"/> Doublers	<input type="checkbox"/> Blocked Drain		
<input type="checkbox"/> Others .....	<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	DATE
NOTICE OF INSPECTOR			

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. : W0/071-SNK/11/2022

PRE - INSPECTION	
Location	TARAKAN
Date	08-03-2022
Cycle	
Filed Barometric	29.71
OAT	34
Altitude	80 FT

POST - INSPECTION	
Location	TARAKAN
Date	08-03-2022
Cycle	
Filed Barometric	29.71
OAT	30
Altitude	80 FT

PRE - INSPECTION		
	Target	Actual
Tq		1865
Np		1890
ITT	°C	798 °C
Ng	%	98.4 %
Wf		450
Oil Press		91 °C
Oil Temp		67 °C
Start Temp		69.6 °C

POST - INSPECTION		
	Target	Actual
Tq		1865
Np		1890
ITT	°C	748 °C
Ng	%	98.3 %
Wf		453
Oil Press		91 °C
Oil Temp		64 °C
Start Temp		68.9 °C

Engine Run Up Checks							
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NOTE:							
1. Inertial	Brake system at Torque 1500 ft-lbs.	3. EPL check can't exceed 4% Ng per second.	5. Low idle at 52.5 – 53.5% 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 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
RIDHAL.G		08-03-2022	TARAKAN

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MAINTENANCE PROGRAM  
CESSNA C208/C208B

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

Reg. Mark : PK-SNK Date : 08-03-2022  
MSN : C208-80658 Station : TARAKAN  
TSN / CSN : 3463:42/5063 WO No. : WO/071-SNK/11/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E710001	130	Do a check of the FCU manual override system for static operation.	<u>AM</u>	
E710003	130	Do a compressor performance recovery wash.	<u>AM</u>	
E710004	130	Inspect all accessible connections, clamps and brackets for attachment. Inspect accessible lockwire and safety cable for security and installation.	<u>AM</u>	
E710005	130	Inspect of wear, chafing, cracks and corrosion for tubing, wiring, control linkage, hose assemblies.  <b>NOTE:</b> Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.	<u>AM</u>	
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.	<u>AM</u>	
E710007	130	Inspect attachment and linkages, air, oil and fuel lines (Ref. 73-10-07-08).  <b>NOTE:</b> Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.	<u>AM</u>	
E710011	130	Performed Deceleration Check	<u>AM</u>	
E720001	130	Do a visual inspection of the engine exhaust duct welds.	<u>AM</u>	
E720002	130	Do a visual inspection of the engine exhaust duct for cracks.	<u>AM</u>	
E720003	130	External surfaces, and fireseal mount ring brackets for cracks, distortion, and corrosion of gas generator case (Ref. 72-30-04).	<u>AM</u>	

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

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). <b>(CLEANING / REPLACEMENT)</b> 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. <b>Note:</b> 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 ***				

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
RIDZAL GHAZALI	ENGINEER	<u>SAI</u>	9694
BASRI	MECHANIC	<u>NG</u>	

**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 : RIDZAL GHAZALI Stamp : 21  
 Signature : SAI Place/Date : TRK, 08-03-2022

	<b>EMERGENCY EQUIPMENT LIST INSPECTION &amp; MONITOR</b>	<b>PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK</b> Form: SCA/MTC/023
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<b>DATE</b> : 08-03-2022	<b>A/C REG</b> : PK-SNK
<b>A/C TYPE</b> : C208	<b>CHECKER</b> : ROZAL. G <b>SIGN:</b> 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19041660002	MAY 2023	SERVICEABLE
2	Co-Pilot Life Vest	P01074-101W	17060500076	July 2022	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	Firt Aid Kit	NPN	SCA-005	SEPT 2022	SERVICEABLE
14	Crash Axe Installed	NPN	NSN	-	SERVICEABLE
15	Fire Extinguisher	C352	F60589834	APRIL 2022	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
<b>OTHERS</b>					
1P.	FLASH LIGHT	NPN	NSN	-	SERVICEABLE



## **Additional Work Sheet**

### **Inspection 100 Hours**

Aircraft Registration: PK-SNK

PK-SNK

WO# Nr: WO/071-SNK/III/2022 Parts Used Sheet

1



## **Additional Work Sheet**

### **Inspection 100 Hours**

## Aircraft Registration:

PK-SNK

Parts Used Sheet WO/071-SNK/III/2022

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## Part II: led