



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject :	No.	WO/058-SNK/IX/2021
Inspection Document 06 & Add Task Due at 2969 Hours.	Date	15-Sep-2021
	A/C Reg.	PK-SNK C208-00658
Reference :	Prepared By	TS
MP C208B Rev. 09	Checked By	CI
	Approved By	TM
To : Engineer In Charge		

Description :

1. Perform Inspection Document 06 & Add Task Due at 2969 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 :

Compliance Statement	Sign & Date Company Lic. No.: (Engineer In Charge)	Signature (Technical Manager)
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AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
15-Sep-2021	WO/058-SNK/IX/2021	Inspection Doc. 06 & Add Task			
A/C Type		Mfg. Serial Number	A/C Registration		
C208		C208-00658	PK-SNK		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PC2327			
	#2	-			
Propeller/Rotor	#1	190345			
	#2	-			
Landing Gear	NLG				
	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	
<u>IC-001</u>					
<u>IC-002</u>					
<u>IC-003</u>					
<u>IC-004</u>					
<u>IC-005</u>					
<u>IC-006</u>					

<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/058-SNK/IX/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE				
2	CHAPTER 12	INSPECTION DOCUMENT 06				
3	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION				
4	CHAPTER 45	ENGINE PT6A-114A 200 HOURS INSPECTION				
5	CHAPTER 46	ENGINE PT6A-114A 200 HOURS / 6 MONTHS INSPECTION				
6	CHAPTER 48	ENGINE PT6A-114A 600 HOURS INSPECTION				
7	CHAPTER 49	ENGINE PT6A-114A 600 HOURS / 12 MONTHS INSPECTION				
8	CHAPTER 50	ENGINE PT6A-114A 1000 HOURS INSPECTION				
9	Form SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST				



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE	: CESSNA 208			TTSN	:
A/C REG	: PK-SNK			TCSN	:
MSN	: C208-00658			DATE	:
TYPE OF INSPECTION		: INSPECTION DOCUMENT 06 & ADD TASK			
DUE AT		: 2969 HOURS			
REFF		: MP C208/ C208B REV. 09			
EXCEPTION					
<p style="text-align: center;">AUTHORIZED PERSON</p> <p>I hereby certify that this aircraft has been maintained accordance with CASR and Maintenance Program.</p> <p style="text-align: center;">Aircraft safe and airworthy for flight</p>					
NAME	CAT	AMEL/OTR NO	SIGN&STAMP		DATE
	AIRFRAME & POWER PLANT				
	EIRA				
THE NEXT DUE TYPE OF INSPECTION		:			
DUE AT		:			

	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					
		<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	



MAINTENANCE PROGRAM

CESSNA C208/C208B

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK -

WO/FML No. :

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

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		
Np		
ITT	°C	°C
Ng	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

Engine Run Up Checks													
Inertial	<input type="checkbox"/>	EPL	<input type="checkbox"/>	OVG	<input type="checkbox"/>	Stby Alt	<input type="checkbox"/>	BOV	<input type="checkbox"/>	Brake	<input type="checkbox"/>	Randown	<input type="checkbox"/>
NOTE:													
1. Inertial Separator at Torque 400 ft-lbs.	3. EPL check can't exceed 4% Ng per second.	5. Low idle at 52.5 – 53.5% 40Amps.	2. Standby Alt at 80% Ng.	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



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 12 – Inspection Document 06

Reg. Mark	:	PK -	Date	:	
MSN	:		Station	:	
TSN / CSN	:		WO No.	:	

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
A110001	ALL	Interior and Exterior Placard and Decal Detailed Inspection Task 11-00-00-220		
D121001	121	Brake System Servicing Task 12-10-01-610		
D121003	710	Shimmy Damper Servicing Task 12-10-01-611		
C122101	700	Landing Gear Lubrication Task 12-21-03-640		
B236001	343 375 376 571 671	Static Discharge System Functional Check Task 23-60-00-720		
A255101	251 252 255 256 257 258	Cargo Nets Detailed Inspection Task 25-51-00-220		
C270001	215 216 226 373 374 503 525 603 625	Flight Controls Lubrication Task 27-00-00-640		
B273101	211 212 503	Stall Warning System Operational Check Task 27-31-00-710		
C275001	525 527 625 627	Flap Tracks and Rollers Lubrication Task 27-50-00-640		
B281001	575 675	Fuel Vent Line Float Valve Operational Check Task 28-10-03-710		
A281001	521 621	Fuel Filler Assembly Detailed Inspection Task 28-10-01-220		
B301003	122 AUX	Bleed Air Pressure Regulator Functional Check (without TKS and not incorporating CAB93-2) Task 30-10-00-720		
B322001	710	Shimmy Damper Functional Check Task 32-20-02-720		



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 12 – Inspection Document 06

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B341101	AUX	Pitot Tube Heaters Operational Check Task 34-11-00-710		
A353001	256	Oxygen Mask Detailed Inspection Task 35-30-00-220		
B761003	AUX	Emergency Power Lever Annunciator Light (EPL) Operational Check Task 76-10-01-710		
*** End of Inspection Document 06 Items ***				

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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 : _____ Stamp : _____
Signature : _____ Place/Date : _____



**MAINTENANCE PROGRAM
CESSNA C208/C208B**

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

Reg. Mark : PK - Date : _____
MSN : _____ Station : _____
TSN / CSN : _____ WO No. : _____

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).		



**MAINTENANCE PROGRAM
CESSNA C208/C208B**

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). (CLEANING / REPLACEMENT) P/N OFF: _____ P/N ON: _____		
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

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 : _____ Stamp : _____

Signature : _____ Place/Date : _____



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 45 – Engine PT6A-114A 200 Hours Inspection

Reg. Mark	:	PK -	Date	:	
MSN	:		Station	:	
TSN / CSN	:		WO No.	:	

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E793001	130	Check magnetic chip detector(s) for continuity, open circuit must exist indicating no contamination at pole tips.		
*** End of Engine PT6A-114A 200 Hours Inspection Items ***				

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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	:	Stamp	:	
Signature	:	Place/Date	:	



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 46 – Engine PT6A-114A 200 Hours or 6 Months Inspection

Reg. Mark : PK - _____ Date : _____
MSN : _____ Station : _____
TSN / CSN : _____ WO No. : _____

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E793000	130	Do a visual inspection of the AGB internal scavenge oil pump inlet screen		
*** End of Engine PT6A-114A 200 Hours or 6 Months Inspection Items ***				

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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 : _____ Stamp : _____

Signature : _____ Place/Date : _____



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 48 – Engine PT6A-114A 600 Hours Inspection

Reg. Mark	:	PK -	Date	:	
MSN	:		Station	:	
TSN / CSN	:		WO No.	:	

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E731005	130	Check inlet screen for foreign matter or distortion, clean and reinstall, or install new screen.		
E753001	130	Do a visual inspection of the compressor bleed valve.		
*** End of Engine PT6A-114A 600 Hours Inspection Items ***				

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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	:	Stamp	:	
Signature	:	Place/Date	:	



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 49 – Engine PT6A-114A 600 Hours or 12 Months Inspection

Reg. Mark	:	PK -	Date	:	
MSN	:		Station	:	
TSN / CSN	:		WO No.	:	

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E793002	130	Bridge the chip detector(s) magnetic bar with correct jumper and use an applicable ohmmeter to make sure that continuity between connector pins.		
*** End of Engine PT6A- 114A 600 Hours or 12 Months Inspection Items ***				

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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	:	Stamp	:	
Signature	:	Place/Date	:	



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 50 – Engine PT6A-114A 1000 Hours Inspection

Reg. Mark	:	PK -	Date	:	
MSN	:		Station	:	
TSN / CSN	:		WO No.	:	

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E731028	130	Replace the P3 filter. P/N OFF: _____ P/N ON: _____		
E792001	130	Remove and discard the oil filter element. Install a new oil filter element. P/N OFF: _____ P/N ON: _____		
*** End of Engine PT6A-114A 1000 Hours Inspection Items ***				

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER

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	:	Stamp	:	
Signature	:	Place/Date	:	



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE :	A/C REG :
A/C TYPE :	CHECKER : SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest				
2	Co-Pilot Life Vest				
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				
14	Crash Axe Installed				
15	Fire Extinguisher				
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					



Aircraft Registration: **PK-SNK**

WO# Nr: **WO/058-SNK/IX/2021**



Additional Work Sheet

Inspection Doc. 06 & Add Task

Parts Used Sheet

Special Tool Used



Additional Work Sheet

Inspection Doc. 06 & Add Task

Aircraft Registration: **PK-SNK**

WO# Nr: **WO/058-SNK/IX/2021**

Parts Used Sheet

Part Used