



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject :	No.	WO/108-SNS/IX/2022
Inspection 1600 Hours Due at 5979 Hours.	Date	6 September 2022
	A/C Reg.	PK-SNS C208B-2341
Reference :	Prepared By	TS
MP C208B Rev. 12	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 1600 Hours Due at 5979 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
6 Sept 2022	WO/108-SNS/IX/2022	Inspection 1600 Hours	

A/C Type	Mfg. Serial Number	A/C Registration
C208B	C208B-2341	PK-SNS

AIRCRAFT DATA

Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PC1288	
	#2	-	
Propeller/Rotor	#1	111120	
	#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	
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


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Dwi M.


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Dodit


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Yanuar


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Istiono



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

WO Ref: WO/108-SNS/IX/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	CHAPTER 12	INSPECTION DOCUMENT 06				
	CHAPTER 13	INSPECTION DOCUMENT 07				
	CHAPTER 14	INSPECTION DOCUMENT 08				
	CHAPTER 15	INSPECTION DOCUMENT 09				
	CHAPTER 16	INSPECTION DOCUMENT 10				
	CHAPTER 17	INSPECTION DOCUMENT 11				
	CHAPTER 18	INSPECTION DOCUMENT 12				
	CHAPTER 44	ENGINE PT6A-114A 100 HOURS INSPECTION/ MINOR INSPECTION				
	CHAPTER 45	ENGINE PT6A-114A 200 HOURS INSPECTION				
	CHAPTER 46	ENGINE PT6A-114A 200 HOURS / 6 MONTHS INSPECTION				
	CHAPTER 47	ENGINE PT6A-114A 400 HOURS INSPECTION				
	CHAPTER 50	ENGINE PT6A-114A 1000 HOURS INSPECTION				
	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE				
	SCA/MTC/ 023	EMERGENCY EQUIPMENT CHECKLIST				



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B		TTSN	:
A/C REG	: PK-SNS		TCSN	:
MSN	: C208B-2341		DATE	:
TYPE OF INSPECTION	: INSPECTION 1600 HOURS			
DUE AT	: 5979:00 HOURS			
REFF	: MP C208B REV. 12			
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
	AIRFRAME & POWER PLANT			
	EIRA			
THE NEXT DUE TYPE OF INSPECTION	:			
DUE AT	: HOURS			
Form: SCA/MTC/049				

	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 #				
PK-SNS/2341	C208B						
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 - SNS

WO/FML No. : WO/108-SNS/IX/2022

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.		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



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

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Engine Borescope Inspection

Job No: WO/108-SNS/IX/2022

<u>Engine Serial Number</u> PCE-PC1288	<u>Date</u>	<u>Base / Location</u>	<u>Aircraft Registration</u> PK-SNS
<u>Aircraft Total Time</u>	<u>Aircraft Total Cycle</u>	<u>Reason For Borescope</u> 400 HOURS INSPECTION	

Note:

Record any discrepancies found during inspection, and/or take photographic evidence.

If None, then write No Findings. If you find defects, please quote EMM (Engine Maintenance Manual) Reference and Limitations.

Item	Work Description	SIGN	STAMP
1	Remove fuel manifold adapter as necessary (Ref. 73-10-05).		
2	Perform inspection of the First Stage Compressor. Defects: No found defect satisfactory <u>If defects found, quote MM Limitation and References :</u>		
<u>Photo of First Stage Compressor 1st Quadrant</u>		<u>Photo of First Stage Compressor 2nd Quadrant</u>	
<u>Photo of First Stage Compressor 3rd Quadrant</u>		<u>Photo of First Stage Compressor 4th Quadrant</u>	



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

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3	<p>Perform inspection of Combustion Chamber Liner Assembly. <u>Defects:</u> Found little carbon on combustion chamber need to be continue compressor wash for clean combustion chamber</p> <p><u>If defects found, quote MM Limitation and References :</u></p>	SIGN	STAMP
<u>Photo of Combustion Chamber 1st Quadrant</u>		<u>Photo of Combustion Chamber 2nd Quadrant</u>	
<u>Photo of Combustion Chamber 3rd Quadrant</u>		<u>Photo of Combustion Chamber 4th Quadrant</u>	
4	<p>Perform Inspection of CT-Stator assembly. <u>Defects:</u> No found defect satis factory</p> <p><u>If defects found, quote MM Limitation and References :</u></p>	SIGN	STAMP
<u>Photo of CT Stator 1st Quadrant</u>		<u>Photo of CT Stator 2nd Quadrant</u>	



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

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Photo of CT Stator 3 rd Quadrant		Photo of CT Stator 4 th Quadrant		
5	Perform inspection of CT blades and shroud segments. <u>Defects:</u> No found defect satisfactory <u>If defects found, quote MM Limitation and References :</u>		SIGN	STAMP
Photo of Leading Edge CT-Blades 1 st Quadrant		Photo of Leading Edge CT-Blades 2 nd Q		
Photo of Leading Edge CT-Blades 3 rd Quadrant		Photo of Leading Edge CT-Blades 4 th Quadrant		



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

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6	Perform inspection Trailing Edge CT-Blades <u>Defects:</u> <u>No Found defect satisfactory</u> <u>If defects found, quote MM Limitation and References :</u>	SIGN	STAMP
	Photo of Trailing Edge CT-Blades 1 st Q		
	Photo of Trailing Edge CT-Blades 2 nd Q		
Photo of Trailing Edge CT-Blades 3 rd Q		Photo of Trailing Edge CT-B 4 th Q	
7	Perform inspection of PT-Blades <u>Defects:</u> <u>No found defect satisfactory</u> <u>If defects found, quote MM Limitation and References :</u>	SIGN	STAMP
	Photo of PT-Blades 1 st Q		
	Photo of PT-Blades 2 nd Q		



**DOCUMENT FORM
BORESCOPE INSPECTION
FORM**

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		<u>Photo of PT-Blades 3rd Q</u>	<u>Photo of PT-Blades 4th Q</u>
8	Install fuel manifold adapter(s) (Ref. 73-10-05).		SIGN
9	Perform fuel leak check post fuel nozzle installation		STAMP

BORESCOPE PERFORMED BY

Name:

Signature :

Stamp :



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE :	A/C REG : PK-SNS	
A/C TYPE : C208B	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					



Additional Work Sheet Inspection 1600 Hours

Aircraft Registration: **PK-SNS**

WO# Nr: **WO/108-SNS/IX/2022**

Parts Used Sheet

1

Special Tool Used



Additional Work Sheet Inspection 1600 Hours

Aircraft Registration: **PK-SNS**

PK-SNS

WO# Nr: WO/108-SNS/IX/2022

Parts Used Sheet

2

Part Used