



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 3269 Hours.	No.	WO/066-SNK/XII/2021
	Date	06-Dec-2021
	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		
Description : 1. Perform Inspection 100 Hours Due at 3269 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.:  06 DEC 2021 Dodi Supriyanto (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		
06-Dec-2021	WO/066-SNK/XII/2021	Inspection 100 Hours			
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	3264 : 45 / 6440		
	#2	-			
Propeller/Rotor	#1	190345	3264 : 45 / 6440		
	#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	066-SNK/XII/21	Replaced Nose wheel d/t ply out	-	close	
IC-002	066-SNK/XII/21	Replaced R/H main wheel due to ply out		close	
IC-003	066/SNK/XII/21	L/H igniter due to out of limit		close	
IC-004	066/SNK/XII/21	R/H igniter due to out of limit		close	
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/066-SNK/XII/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	13 Dec 2021		Dodit S	
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	13 Dec 2021		Dodit S	
4	Form SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECKLIST	13 Dec 2021		Dodit S	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208	TTSN	: 3264 : 45
A/C REG	: PK-SNK	TCSN	: 4640
MSN	: C208-00658	DATE	: 13 Dec 2021

TYPE OF INSPECTION : INSPECTION 100 HOURS
 DUE AT : 3269 HOURS
 REFF : MP C208/ C208B REV. 10

EXCEPTION

- NIL NOTED -

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
Dodit. Supriyanto	AIRFRAME & POWER PLANT	4857 /SCAOS		13 Dec 2021
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 Hrs Inspt.
 DUE AT : 3369 : 00 Hrs.

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK - SNK

WO/FML No. : 066-SNK/XII/2021

PRE – INSPECTION	
Location	TMH
Date	13 Dec 2021
Cycle	
Filed Barometric	29.921
OAT	30
Altitude	280

POST – INSPECTION	
Location	TMH
Date	13 Dec 2021
Cycle	
Filed Barometric	29.921
OAT	27
Altitude	180

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	780 °C	740 °C
Ng	99 %	98.0 %
Wf	450	452
Oil Press		90 °C
Oil Temp		59 °C
Start Temp		°C

POST-INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1880
ITT	772 °C	733 °C
Ng	98.5 %	97.6 %
Wf	450	447
Oil Press		91 °C
Oil Temp		58 °C
Start Temp		°C

Engine Run Up Checks							
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Random	☒		
NOTE: 1. 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
DODITS		13 Dec 2021	TMH

Revision No. : 03
SCA/TEK/1-001
26 September 2019

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MAINTENANCE PROGRAM CESSNA C208/C208B

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

Reg. Mark : PK- 15NK Date : 13 Dec 2021
MSN : 20800658 Station : TMH
TSN / CSN : 3269: 45/4640 WO No. : 066- 5NK /x11/2021

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).		

Revision No. : 03
SCA/TEK/1-001
26 September 2019

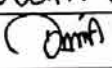
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ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E722001	130	Do a visual inspection of the air inlet screen.		
E722004	130	Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02)		
E723000	130	Do a visual inspection 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>AN 6235 - 3A</u> P/N ON: <u>AN 6235 - 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 corrosions 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 PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodit. Supriyanto	Engineer		A85705 
Firman Toh H.	MECHANIC		
CEP WANA P	MECHANIC		

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 : Dodit. Supriyanto Stamp : 
 Signature :  Place/Date : TMH / 13 Dec 2021

		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	066-SNK/X11/21	-	-	13 Dec 2021	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK - SNK	C208	C208.00658			
9. ZONE	10. STA	11. MTC TYPE			
L/E	-	-			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCI INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
Nose wheel ply out		13 Dec 21

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Replaced nose wheel due to ply out. Jaw C208 AMT 32-40-00 Performed at A/C TT : 3264:45 A/C TC/LDG : 3264640			13 Dec 2021

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		
	☐ 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
Nose wheel Assy.	228 K61 -1	1	03290031	03290071	Close	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
Torque Wrench	96212 1221031873	August 2023	Closed.

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
ICC 002	066-SNK/x11/21	-		13 December 2021	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNK	C208	-			
9. ZONE	10. STA	11. MTC TYPE			
L/E	-	-			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
R/H Main wheel ply out.		13 Dec 2021

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Replaced R/H Main wheel Assy due to ply out Rotation and leak check found satis IAW C208 ARTIT 32-A0-07 Performed at A/C TT : 326A : AS A/C TC/LDG : 6A40			13 Dec 2021

20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment ☐ Internal Leakage ☐ Chemical Spill ☐ LAV/Galley Spill ☐ Blocked Drain ☐ Wet Insulation Blanket ☐ Other		
CORROSION ☐ Isolated ☐ Widespread			
CORROSION LVL ☐ 1 ☐ 2 ☐ 3			
PROPOSED ACTION ☐ Doublers ☐ Others			
21. If the defect is RII, Please Sign this card finally by RII Inspector			
NOTICE OF INSPECTOR		INSP	DATE

22. PARTS REQUIRED						
PART DESCRIPTION	PART NO	QTY	SERIAL NO		STATUS	
			ON	OFF	CLOSE	OPEN
Main wheel Assy	078-446-1	1	119T00140	0120T00179	close	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
Torque wrench.	98212 1221021873	August 2023	closed.

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT		
1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE		
IC 004	066-SNK/XII/21	-	-	13 December 2021		
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #			
PK-SNK	C208	-				
9. ZONE	10. STA	11. MTC TYPE				
Engine						
13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20				14	15	
				PPC/ENG	DATE	
L/H Igniter plug worn out.					13 Dec 2021	
16. CORRECTIVE ACTION			17	18	19	
			MECH	ENG. LIC	DATE	
Replaced L/H Igniter plug due to worn out Opt test found satis IAW C208 AMT 7A-21-00 Performed at A/C TT: 326A:45 A/C TC/LDG: 6440					13 Dec 2021	
20. CORROSION INFORMATION						
LOCATION		CAUSE OF DAMAGE				
CORROSION ☐ Isolated ☐ Widespread CORROSION LVL ☐ 1 ☐ 2 ☐ 3 PROPOSED ACTION ☐ Doublers ☐ Blocked Drain ☐ Others ☐ Wet Insulation Blanket ☐ Other		☐ Environment ☐ Internal Leakage ☐ Chemical Spill ☐ LAV/Galley Spill ☐ Blocked Drain ☐ Wet Insulation Blanket ☐ 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
Igniter plug	CH 5A077	1	-	-	close	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
torque wrench	kw0102911 / 210662411	Sept 2023	closed.			

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	
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1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC 003	066-SNK/xwh	-	-	13 Dec 2021	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNK	C208	-			
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
R/H Igniter plug worn out.	 	

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Replaced R/H Igniter plug due to worn out, opt test found satis IAW C208 ARTIM 74-21-00 Performed at A/C TT : 2264:45 A/C TC/LDG : 4640		 	

20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment ☐ Internal Leakage ☐ Chemical Spill ☐ LAV/Galley Spill ☐ Blocked Drain ☐ Wet Insulation Blanket ☐ Other		
CORROSION ☐ Isolated ☐ Widespread CORROSION LVL ☐ 1 ☐ 2 ☐ 3 PROPOSED ACTION ☐ Doublers ☐ Others			
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	CH 3A055	1	-	-	close	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
Torque wrench	KW0102971 S/N:2106620151	Sept 2023	closed

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 13 Dec 2021	A/C REG : SOK	
A/C TYPE : C208	CHECKER : 	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19041660002	May 2029	5/5
2	Co-Pilot Life Vest	P0107A-1014	17060500076	July 2022	5/5
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	First Aid Kit	SCA-005	SCA 005	Sept 2022	5/5
14	Crash Axe Installed	-	-	-	5/5
15	Fire Extinguisher	C352	F-60589834	April 2022	5/5
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					

Appendix B - Form: SCA / MTC / 023



WO# Nr: **WO/015-SNA/XII/2021**

Parts Used Sheet

Special Tool Used

[illegible]

