



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection Document 06 & Add Task due at 3354 Hours.	No.	WO/093-SNM/IV/2022
	Date	20-Apr-2022
	A/C Reg.	PK-SNM C208-00655
Reference : MP C208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection Document 06 & Add Task due at 3354 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.:

Budi Hartono
(Engineer In Charge)

27/04/2022



Signature

TM

(Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
20-Apr-2022	WO/093-SNM/IV/2022	Inspection Doc. 06 & Add Task	

A/C Type	Mfg. Serial Number	A/C Registration
C208	C208-00655	PK-SNM

AIRCRAFT DATA

Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PC2316	3348:38/4670
	#2	-	
Propeller/Rotor	#1	190085	3348:38/4670
	#2	-	
Landing Gear	NLG		3348:38/4670
	LH MLG		3348:38/4670
	RH MLG		3348:38/4670

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



Dwi M



Dodit



Yanuar



Istiono



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

WO Ref: WO/093-SNM/IV/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	28/04/2022		Burn. H	
2	CHAPTER 12	INSPECTION DOCUMENT 06	28/04/2022		Burn. H	
3	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	27/04/2022		Burn. H	
4	CHAPTER 45	ENGINE PT6A-114A 200 HOURS INSPECTION	27/04/2022		Burn. H.	
5	CHAPTER 46	ENGINE PT6A-114A 200 HOURS / 6 MONTHS INSPECTION	27/04/2022		Burn. H.	
6	Form SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	28/04/2022		Burn. H	

	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	15
	PPC/ENG	DATE

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE

Performed at A/C TT : A/C TC /LDG :

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
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 - SNM

WO/FML No.

: W0/093-SNM/IV/2022

PRE – INSPECTION	
Location	TANAH MERAH
Date	28/04/2022
Cycle	
Filed Barometric	29.92 inHg
OAT	30°C
Altitude	

POST – INSPECTION	
Location	TANAH MERAH
Date	28/04/2022
Cycle	
Filed Barometric	29.92 inHg
OAT	32°C
Altitude	

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1880
ITT	780 °C	715 °C
Ng	99 %	98.0 %
Wf	450	438
Oil Press		92 °C
Oil Temp		78 °C
Start Temp		710 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	790 °C	720 °C
Ng	99.2 %	98.0 %
Wf	450	438
Oil Press		92 °C
Oil Temp		77 °C
Start Temp		710 °C

Engine Run Up Checks

Inertial ☒ EPL ☒ OVG ☒ Stby Alt ☒ BOV ☒ Brake ☒ Randomn ☒

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 ENGINE GROUND
Run FOUND SATISFACTORY

PERFORMED BY

Name	Sign & Stamp	Date	Location
Burn HARDY		28/04/2022	TANAH MERAH

Revision No. : 03

SCA/TEK/1-001

26 September 2019

Page B02.1



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208
A/C REG : PK-SNM
MSN : C208-00655
TTSN : 3348:38
TCSN : 4670
DATE : 28/04/2022

TYPE OF INSPECTION : INSPECTION DOCUMENT 06 & ADD TASK
DUE AT : 3354 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
Budi Hartoyo	AIRFRAME & POWER PLANT	9506		28/04/2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : inspection 100 Hours.
DUE AT : 3454:00 Hours

Form: SCA/MTC/049

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 12 – Inspection Document 06

Reg. Mark : PK - SNM Date : 28/07/2022
 MSN : C208-00655 Station : TANAH MERAH
 TSN / CSN : 334838/4670 WO No. : W0/093-SNM/IV/2022

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		

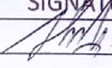
Revision No. : 03
 SCA/TEK/1-001
 26 September 2019

Page 12.1

MAINTENANCE PROGRAM CESSNA C208/C208B

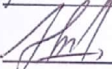
Chapter 12 – Inspection Document 06

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 PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Budi HANTOYO	ENGINEER		9506
VANI ANANTA	ENGINEER		9659

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 : Budi HANTOYO Stamp : 
 Signature :  Place/Date : TMH - 28/09/2022

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

Reg. Mark : PK- SNM
MSN : C208-00655
TSN / CSN : 3328:38/4670

Date : 28/04/2022
Station : TAKAH MERAH
WO No. : W0/093-SNM/IV/2022

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).		

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Budi Hartoyo	ENGINEER	<i>[Signature]</i>	9506

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 considered fit for Release to Service.

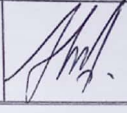
Name : Budi Hartoyo Stamp : 

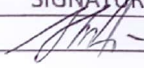
Signature : *[Signature]* Place/Date : TMH-28/04/2022

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 45 – Engine PT6A-114A 200 Hours Inspection

Reg. Mark : PK-SMM Date : 28/09/2022
 MSN : C208-00655 Station : TANAH MERAH
 TSN / CSN : 3348:38/4670 WO No. : W0/093-SMM/10/2022

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 PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>Budi Hartoyo</u>	<u>ENGINEER</u>		<u>9506</u>

RETURN TO SERVICE

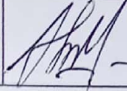
The work recorded above has been carried out in accordance with the requirements of the Civil Aviation Safety Regulation for the time being in force and in that respect the aircraft is consider fit for Release to Service.

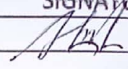
Name : Budi Hartoyo Stamp : 
 Signature :  Place/Date : TMH 28/09/2022

MAINTENANCE PROGRAM CESSNA C208/C208B

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

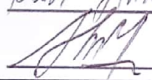
Reg. Mark : PK - SNM Date : 28/04/2022
 MSN : C208-00655 Station : TANAH MENAH
 TSN / CSN : 3348:38/4670 WO No. : W0/093-SNM/10/2022

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 ***				

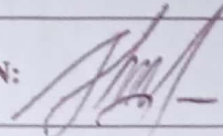
PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>Budi Hartoyo</u>	<u>ENGINEER</u>		<u>9506</u>

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 : Budi Hartoyo Stamp : 
 Signature :  Place/Date : TMH-28/04/2022

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
---	--	---

DATE : 28/04/2022	A/C REG : PK-SNM	
A/C TYPE : C208	CHECKER : Brubn - H	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-101W	17060800063	JUN 2022	GOOD
2	Co-Pilot Life Vest	P01074-101W	17060500041	JUN 2022	GOOD
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	NPN	NSN	APR 2023	GOOD
14	Crash Axe Installed	NPN	NSN	%	GOOD
15	Fire Extinguisher	C352	F60589684	NOV-2022	GOOD
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
	FLASH LIGHT	NPN	NSN	%	GOOD



1

[illegible]



WO# Nr: **WO/093-SNM/IV/2022**

2

Part Used

[illegible]