



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection Document 06 & Add Task	No.	WO/101-SNM/IX/2022
	Date	23 Sept 2022
	A/C Reg.	PK-SNM C208-00655
Reference : MP C208B Rev. 12	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection Document 06 & Add Task due at 3754 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 : NIL		
Compliance Statement	Sign & Date Company Lic. No. Budi Hartono (Engineer In Charge) 26/09/2022	Signature (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
23 Sept 2022	WO/101-SNM/1X/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	3749:10/5204	
	#2	-		
Propeller/Rotor	#1	190085	3749:10/5204	
	#2	-		
Landing Gear	NLG		3749:10/5204	
	LH MLG		3749:10/5204	
	RH MLG		3749:10/5204	
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 Open Close	Name/ Sign & Stamp
IC-001	32-40-00	REPLACED R/H SIDE M/W TYRE ASSY	✓	Bum. H. [Stamp]
IC-002	32-40-00	REPLACED RH SIDE O/B BRAKE LINING	✓	Bum. H. [Stamp]
IC-003				
IC-004				
IC-005				
IC-006				

Appendix B - Form: SCA/MTC/051

<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



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Hani

Checked by :
Chief Maintenance



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Dodit

Verified by :
Chief Inspector



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Yanuar

Approved by :
Technical Manager



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Istiono



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

WO Ref: WO/101-SNM/IX/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	27/09/2022		Bud. H	
2	CHAPTER 12	INSPECTION DOCUMENT 06	26/09/2022		Bud. H	
3	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	26/09/2022		Bud. H	
4	CHAPTER 45	ENGINE PT6A-114A 200 HOURS INSPECTION	26/09/2022		Bud. H	
5	CHAPTER 46	ENGINE PT6A-114A 200 HOURS / 6 MONTHS INSPECTION	26/09/2022		Bud. H	
6	Form SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	26/09/2022		Bud. H	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208	TTSN	: 3749:10
A/C REG	: PK-SNM	TCSN	: 5204
MSN	: C208-00655	DATE	: 26/09/2022

TYPE OF INSPECTION	: INSPECTION DOCUMENT 06 & ADD TASK
DUE AT	: 3754 HOURS
REF	: MP C208/C208B REV. 12

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	9526		26/09/2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION	: INSPECTION 100 Hrs.
DUE AT	: 3854:00 Hours

Form: SCA/MTC/049

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
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1. CARD #	2. JOWO #	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				
	☐ Environment				
	☐ Internal Leakage				
	☐ Chemical Spill				
CORROSION ☐ Isolated ☐ Widespread	☐ LAV/Galley Spill				
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ Blocked Drain				
PROPOSED ACTION ☐ Doublers	☐ Wet Insulation Blanket				
☐ Others	☐ 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 - SNM

WO/FML No. : WO/101-SNM/IX/2022

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	TARAKAN
Date	27/09/2022
Cycle	
Filed Barometric	29.92
OAT	28
Altitude	45 Feet.

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	1865	1865
Np	1900	1900
ITT	775 °C	708 °C
Ng	98.5 %	98.2 %
Wf	450	442
Oil Press		91 °C
Oil Temp		65 °C
Start Temp		720 °C

Engine Run Up Checks

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

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 SATISFACTORY

PERFORMED BY

Name	Sign & Stamp	Date	Location
BUDI HARTOYO		27/09/2022	TARAKAN

Revision No. : 03

SCA/TEK/1-001

26 September 2019

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MAINTENANCE PROGRAM **CESSNA C208/C208B**

Chapter 12 – Inspection Document 06

Reg. Mark : PK - SNM
MSN : C208-00655
TSN / CSN : 3749:10/5204

Date : 26/07/2022
Station : TARAKAN
WO No. : WO/101-SNM/IX/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		

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MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 12 – Inspection Document 06

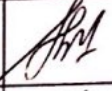
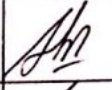
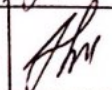
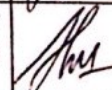
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B341101	AUX	Pitot Tube Heaters Operational Check Task 34-11-00-710	<i>[Signature]</i>	
A353001	256	Oxygen Mask Detailed Inspection Task 35-30-00-220	<i>[Signature]</i>	
B761003	AUX	Emergency Power Lever Annunciator Light (EPL) Operational Check Task 76-10-01-710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

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<i>Bum HARTUyo</i>	<i>ENGINEER</i>	<i>[Signature]</i>	<i>9106</i>
<i>Pasti</i>	<i>MECHANIC</i>	<i>[Signature]</i>	

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 : <i>Bum HARTUyo</i>	Stamp : 
Signature : <i>[Signature]</i>	Place/Date : <i>Tok - 26.09.2022</i>

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

Reg. Mark : PK - SNM Date : 26/09/2022
MSN : C208-00655 Station : TARAKAN
TSN / CSN : 3749:90/5204 WO No. : WO/101-SNM/IX/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).		

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: <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 corrossions 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 PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Brian HARTY BSP1	ENGINEER MECHANIC		JT06

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 : Brian HARTY Stamp : _____
Signature : Place/Date : TMC-22/09/2022



MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 45 – Engine PT6A-114A 200 Hours Inspection

Reg. Mark : PK - SNM Date : 26/09/2022
MSN : C208-00655 Station : TNAKAX
TSN / CSN : 3749-10 / 5709 WO No. : WO/101-SNM/IX/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
Brian HARTU TO	ENGINEER		9586
BASH	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 : Brian HARTU TO Stamp :
Signature : Place/Date : TNAK-26-09-2022



MAINTENANCE PROGRAM CESSNA C208/C208B

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

Reg. Mark : PK - SNM Date : 26.09.2022
MSN : C208000655 Station : T. RAKAN
TSN / CSN : 3749:10/1209 WO No. : WO/101-SNM/NX/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
Budi Hartoyo BAGH	ENGINEER MECHANIC		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 consider fit for Release to Service.

Name : Budi Hartoyo Stamp :
Signature : Place/Date : TMC, 26.09.2022



1

WO # Nr: WO/101-SNM/IX/2022

Parts Used Sheet

[illegible]



Parts Used Sheet

Aircraft Registration: **PK-SNM**

Scanned with CamScanner