



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 800Hrs & Add.Task	No.	WO/019-SNT/X/2023
	Date	2 Oct 2023
	A/C Reg.	PK-SNT C208B-5707
Reference : MP C208/208B ISSUED 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 800Hrs & Add. Task Due at 800FH. 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.:	Signature
Carried Out.	 11/10/2023. SCA 031 (Engineer In Charge) D. Arya Permana.	 (Technical Manager)

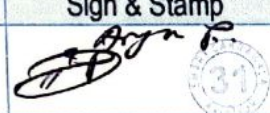
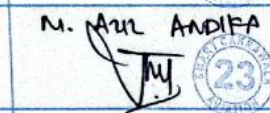
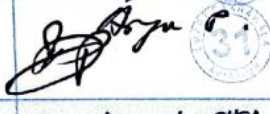
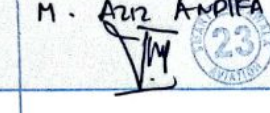
AIRCRAFT CHECK WORK SUMMARY
(Form: SCA/MTC/051)

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
2 Oct 2023	WO/019-SNT/X2023	800Hrs & Add.Task	
A/C Type		Mfg. Serial Number	A/C Registration
C208B		C208B-5707	PK-SNT
AIRCRAFT DATA			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-VA0838	
	#2	-	
Propeller/Rotor	#1	211046	
	#2	-	
Landing Gear	NLG		
	LH MLG		
	RH MLG		

PACKAGE COVERED

No	Subject	Qty	Remark
1	Non-Routine Card	2	
2	Inspection Card	-	
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>	32-40-00	LH MLG BRAKE SHIM BROKEN		✓	
<u>IC-002</u>	32-40-00	RH INBOARD BEARING WORN OUT		✓	
<u>IC-003</u>	32-20-00	NLG MPI BOLT NEED TO REPLACE		✓	
<u>IC-004</u>	74-10-00	LH IGNITER WORN OUT		✓	
<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



Hani

Checked by :
Chief Maintenance



Dodit

Verified by :
Chief Inspector



Yanuar

Approved by :
Technical Manager



Istiono



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

WO Ref: WO/019-SNT/X/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX D08	PT6A-ENGINE GROUND RUN	11/10/23		Arzu.	31
2	APPENDIX C06	800 HRS/24 MTHS INSPECTION	08/10/23.		Arzu.	31
3	APPENDIX C07	800 HRS/12 MTHS INSPECTION	10/10/23		Arzu.	23
4	APPENDIX C04	400 HRS/24 MTHS INSPECTION	08/10/23.		Arzu.	31
5	APPENDIX C05	400 HRS/12 MTHS INSPECTION	11/10/23		Arzu.	23
6	APPENDIX C03	200 HRS/12 MTHS INSPECTION	09/10/23.		Arzu.	31
7	APPENDIX D11	PT6A-140 400 HRS ENGINE	10/10/23.		Arzu.	31
8	APPENDIX D10	PT6A-140 200 HRS/6 MTHS ENGINE	10/10/23		Arzu.	23
9	APPENDIX D09	PT6A-140 200 HRS ENGINE	10/10/23		Arzu.	23
10	APPENDIX D08	PT6A-140 100 HRS ENGINE	10/10/23.		Arzu.	31
11	NRC-01	VACUUM FILTER REPLACEMENT	09/10/23		Arzu.	31
12	NRC-02	CENTRAL AIR FILTER REPLACEMENT	09/10/23.		Arzu.	31
13	SCA/MTC/023	EMERGENCY EQUIPMENT LIST	10/10/23.		Arzu.	31

Appendix B - Form: SCA/MTC/050

A.



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 803:48
A/C REG	: PK-SNT	TCSN	: 923.
MSN	: C208B-5707	DATE	: 11-10-2023

TYPE OF INSPECTION	: INSPECTION 800HRS & ADD TASK
DUE AT	: 800 HOURS
REFF	: MP C208B ISSUED 01

EXCEPTION

- Approval STENo : 003 / PK-SNT / STE / SCA / x / 2023.
 Exception Borescope Inspection. Due at 840 Hrs.

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
D. Arya Permana	AIRFRAME & POWER PLANT	9505.		11/10/2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100 Hrs. Inspection.

DUE AT : ~~800~~ 900 FH.

Form: SCA/MTC/049

NON ROUTINE CARD (Form: SCA/MTC/047)

1. JOWO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/019-SNT/X/2023	09/10/2023.	REPLACEMENT COMPONENT	PK-SNT
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#01	37		LCU
9. ZONE	10. PANEL		

11. DESCRIPTION			
PERFORM VACUUM SYSTEM CENTRAL AIR FILTER REPLACEMENT P/N: D9-18-1 / C294502-0201			
REFERENCE	☒ AMM Ch. 37-10-00-960	☐ EMM Ch	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
Performed Vacuum System. Air Filter. with The New. Performed at A/C TT : 803:48. A/C TC/LDG : 923.				
FINDING	☐ Y ☒ N	ACT MHR :		DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #		09	10	2023.

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
FILTER ELEMENT	D9-18-1 / C294502-0201	1		OK

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
General tools	-	-	OK

NON ROUTINE CARD (Form: SCA/MTC/047)

1. JOWO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/019-SNT/X/2023	09/10/2023.	REPLACEMENT COMPONENT	PK-SNT
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#02	37		LNU.
9. ZONE	10. PANEL		

11. DESCRIPTION			
PERFORM VACUUM RELIEF VALVE FILTER REPLACEMENT P/N: B3-5-1 / C482001-0202			
REFERENCE	☒ AMM Ch. 37-10-00-961	☐ EMM Ch	☐ OTHER
RII (*)	☐ Y	☒ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
Performed Vacuum Relief Valve Filter. with the New.				
Performed at A/C TT : 803:48. A/C TC/LDG : 923.				
FINDING	☐ Y	☒ N	ACT MHR :	
INSPECTION CARD (IC) #		DATE/TIME (DD/MM/YY)		
		09 10 2023.		

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
FILTER ELEMENT	B3-5-1 / C482001-0202	1		OK

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS
General tools	-	-	OK



INSPECTION CARD (Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	WJ619-SNT/X/2023			08/10/2023.
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNT	C208B-EX			
9. ZONE	10. STA	11. MTC TYPE		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE
C/H MLE Brake Shim was Broken.		08/10/2023.

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Removed and Replaced Brake Shim. with the New. 1AWC208B 32-40-00			08/10/2023.
Performed at A/C TT : 803 : 48. A/C TC/LDG : 923.			

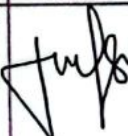
20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	☐ Environment		
	☐ Internal Leakage		
CORROSION ☐ Isolated ☐ Widespread	☐ Chemical Spill		
CORROSION LVL ☐ 1 ☐ 2 ☐ 3	☐ LAV/Galley Spill		
PROPOSED ACTION ☐ Doublers	☐ Blocked Drain		
☐ Others	☐ Wet Insulation Blanket		
	☐ Other		
21. If the defect 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
Brake Shim.	068-02800	1	-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
General tools	-	-		OK.		

	INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT	

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-002	W0/019-SMT/X/2023.			08/10/2023.
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SMT	C208B-EX			
9. ZONE	10. STA	11. MTC TYPE		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
R/H MLO Inboard Bearing Cone was worn out.		08/10/23

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Removed and Replaced R/H Bearing Cone with the New. 1AW C208B MM. # 32-40-00 Performed at A/C TT : 803:48 A/C TC /LDG : 923.			08/10/2023

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			
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
Bearing Cone	214-01400	1	-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
General Tools.	-	-	OK.			



INSPECTION CARD (Form: SCA/MTC/ 048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-003	Wb/C19-SMT/X/2023.			08/10/2023.
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PE-SMT	C208B-EX.			
9. ZONE	10. STA	11. MTC TYPE		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
NLB MPI Bolt. need to Replace.	SP.	08/10/2023.

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Removed and Replaced MPI Bolt with The New. raw C208B. MM #32-20-00	Tufk	SP.	08/10/2023.
Performed at A/C TT : 803:48. A/C TC/LDG : 923.			

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
MPI Bolt.	S3461-88	2	-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS			
General Tools	-	-	ok			
Torque wrench.	QJR 217D	Oct 2023	ok.			

		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE		
IC-009.	W0619-SNT/X/2023			10/10/2023.		
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #			
PIC-SNT.	C208B-EX					
9. ZONE	10. STA	11. MTC TYPE				

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
L/H Igniter was worn out.		

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Removed and Replaced Igniter with The New. IAW C 208B MM # 74-10-00 Performed at A/C TT : 803:48 A/C TC/LDG : 923.			10/10/2023

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
Igniter	CH 39055.	7	-	-	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
General Tools			OK
Torque wrench.	QJ R 217P	Oct 2023	OK.

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark

: PK-SHT

WO/FML No. : WO/019-SHT/X/2023.

PRE – INSPECTION	
Location	MALINAU
Date	08 - OCT - 2023
Cycle	-
Filed Barometric	1007
OAT	32°C
Altitude	30 FT

POST – INSPECTION	
Location	MALINAU
Date	11 - OCT - 2023
Cycle	-
Filed Barometric	1006
OAT	39°C
Altitude	20 FT

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	807 °C
Ng	102.7 %	100.9 %
Wf	578	508
Oil Press		88 °C
Oil Temp		81 °C
Start Temp		707 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1870
ITT	846 °C	803 °C
Ng	102.6 %	100.4 %
Wf	555	515
Oil Press		90 °C
Oil Temp		75 °C
Start Temp		664 °C

Engine Run Up Checks					
Inertial	☒	EPL	☒	OVG	☒
Stby Alt	☒	BOV	☒	Brake	☒
Random	☐				

NOTE:

1. Brake system at Torque 2000 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 55.5 - 57% 40Amps.
6. High idle at 64 - 66% Ng 40Amps

Engine Performance Target Table (Cessna C208B EX)

OAT (°C)	27	28	29	30	31	32	(33)	34	35	36	37	38	(39)	40	41
Tq (ft.lbs)	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397	2397
Np	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
ITT (°C)	835	837	839	841	841	841	841	841	841	842	843	844	846	846	846
Ng (%)	102.7	102.7	102.7	102.7	102.7	102.7	102.7	102.6	102.6	102.6	102.6	102.6	102.6	102.6	102.5
WF (PPH)	578	578	578	578	578	578	578	570	565	565	560	560	555	548	548

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 580 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
D. Arya-Permana		11/10/2023	Malinau

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 10-10-2023.	A/C REG : PK-SNT
A/C TYPE : C208B	CHECKER : Arya P. SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01074-201	22081470021	DEC 2023	Good
2	Co-Pilot Life Vest	P01074-201	22081470019	DEC 2023	Good
3	Pax Life Vest	P01202-201	22090440291	MAR 2024	Good
4	Pax Life Vest	P01202-291	22090440281	MAR 2024	Good
5	Pax Life Vest	P01202-291	21071600020	MAR 2030	Good
6	Pax Life Vest	P01202-201	22090440197	MAR 2024	Good
7	Pax Life Vest	P01202-201	2290440284	MAR 2024	Good
8	Pax Life Vest	P01202-201	2290440328	MAR 2024	Good
9	Pax Life Vest	P01202-291	21071600015	MAR 2030	Good
10	Pax Life Vest	P01202-291	22090440368	MAR 2024	Good
11	Pax Life Vest	P01202-201	22090440463	MAR 2024	Good
12	Pax Life Vest	P01202-291	22090440336	MAR 2024	Good
13	First Aid Kit	FL 220-FAK FAA	0622-2736	Dec 2023	Good
14	Crash Axe Installed	-	-	-	Good
15	Fire Extinguisher	C352 11755X FIREX	1108484119	DEC 2023	Good
16	Life Raft (If Installed)	-	-	-	-
17	Survival Kit (If Installed)	-	-	-	-
OTHERS					
18	PAX LIFE VEST	P01202-291	22090440288	MAR 2023	Good
19	PAX LIFE VEST	P01202-201	22090440207	MAR 2023	Good

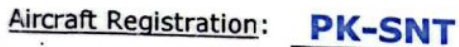


Aircraft Registration: **PK-SNT**

WO# Nr: WO/019-SNT/X/2023

Parts Used Sheet

[illegible]



Insp. 800Hrs & Add.Task

WO# Nr: WO/019-SNT/X/2023

 Dipindai dengan CamScanner