



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Engine Inspection	No.	WO/057-SNH/IX/2023
	Date	21 Sept 2023
	A/C Reg.	PK-SNH C208B-5587
Reference : MP C208B ISSUED 01	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform 100 Hours Engine Inspection
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 - CARRIED - OUT	Sign & Date Company Lic. No.: (Engineer In Charge) ARWJ GUMILANG	25-09-2023  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		
21 Sept 2023	WO/057-SNH/IX/2023	100 Hours Engine Inspection	25 SEPTEMBER 2023		
A/C Type		Mfg. Serial Number	A/C Registration		
C208B		C208B-5587	PK-SNH		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0662	4096 : 34 / 6009		
	#2	-			
Propeller/Rotor	#1	210140	4096 : 34 / 6009		
	#2	-			
Landing Gear	NLG		4096 : 34 / 6009		
	LH MLG		4096 : 34 / 6009		
	RH MLG		4096 : 34 / 6009		
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		FOUND R/H BACK-PLATE & PRESSURE PLATE BRAKE LININGS WORN OUT		✓	
IC-002					
IC-003					
IC-004					
IC-005					
IC-006					

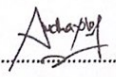
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
<u>IC-010</u>					
<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

Checked by :
Chief Maintenance

Verified by :
Chief Inspector

Approved by :
Technical Manager


Dwi M


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SUMMARY INSPECTION ITEMS

(Form: SCA/MTC/050)

WO Ref: WO/057-SNH/IX/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	26/09		ARJI	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR / MINOR INSPECTION	25/09		ARJI	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	25/09		ARJI	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : CESSNA 208B

TTSN : 4096:34

A/C REG : PK-SNH

TCSN : 6009

MSN : C208B-5587

DATE : 25 SEPT 2023

TYPE OF INSPECTION : 100 HOURS ENGINE INSPECTION

DUE AT : 4100 TFH

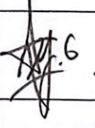
REF : MP C208B ISSUED 01

EXCEPTION

- NO 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
ARJIT GUMILANG	AIRFRAME & POWER PLANT	9696 / SCA.037	 	25 / 2023
-	EIRA	-	-	09

THE NEXT DUE TYPE OF INSPECTION : 200 HRS INSPECTION .

DUE AT : 4200 HRS .

Form: SCA/MTC/049

		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	WO / 057 - SNH / 1X / 2023			25 SEPT 2023	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNH / C208B-5587	C208B				
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
REPLACED R/H BACK PLATE & PRESSURE PLATE BRAKE LINING WITH NEW. Performed at A/C TT : 4096 : 34 A/C TC /LDG : 6009			25 / 23 / 09

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
BRAKE LINING	066-03300	8ea	NSN	NSN	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
TORQUE WRENCH	60621	SEPT 2024	OK
GENERAL TOOLS	-	-	OK



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNH

WO/FML No. : WO/057-SNH/LX/2023

PRE – INSPECTION	
Location	HLP
Date	26/09/2023
Cycle	1
Filed Barometric	1012
OAT	32°C
Altitude	80

POST – INSPECTION	
Location	HLP
Date	26/09/2023
Cycle	1
Filed Barometric	1012
OAT	29°C
Altitude	80

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	836 °C
Ng	102.7 %	100.1 %
Wf	578	561
Oil Press		97 °C
Oil Temp		60 °C
Start Temp		720 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	839 °C	818 °C
Ng	102.7 %	102.3 %
Wf	578	561
Oil Press		97 °C
Oil Temp		58 °C
Start Temp		693 °C

Engine Run Up Checks							
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Randomn	☒		
NOTE: 1. Brake system at Torque 2000 ft-lbs. 3. EPL check can't exceed 4% Ng per second. 5. Low idle at 55.5 - 57% 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 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

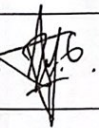
Note:

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.

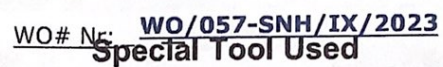
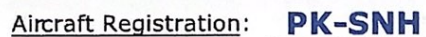
REMARKS:

PERFORMED BY			
Name	Sign & Stamp	Date	Location
ARWJ GUMILANG		26/23 09	HLP

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

DATE : 25 SEPTEMBER 2023	A/C REG : PK-SNH	
A/C TYPE : C208B EX	CHECKER : ARWJL.6	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19092030093	JAN 2029	OK.
2	Co-Pilot Life Vest	P01202-201	19080030081	JAN 2029	OK.
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	FAKFL 200	1249-1450	AUG 2024	OK.
14	Crash Axe Installed	NPN	NSN	O/C	OK.
15	Fire Extinguisher	FIREX C352	F95366612	NOV 2023	OK.
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18.	FLASH LIGHT	NPN	NSN	O/C	OK



Additional Work Sheet

Inspection 100 Hrs Engine

Parts Used Sheet

[illegible]

[illegible]