



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 100 Hours Engine Inspection	No.	WO/045-SNH/VI/2023
	Date	26 Jun 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 : NIL		
Compliance Statement CARRIED OUT	Sign & Date Company Lic. No.: 05-July-2023 SCA-36 (Engineer In Charge)	Signature (Technical Manager)

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
26 Jun 2023	WO/045-SNH/VI/2023	100 Hours Engine Inspection	25 - July - 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	3696:36 / 5517	
	#2	-		
Propeller/Rotor	#1	190837	1998:14	
	#2	-		
Landing Gear	NLG		3696:36 / 5517	
	LH MLG		3696:36 / 5517	
	RH MLG		3696:36 / 5517	
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>				

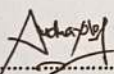
<u>IC-007</u>					
<u>IC-008</u>					
<u>IC-009</u>					
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<u>IC-011</u>					
<u>IC-012</u>					
<u>IC-013</u>					
<u>IC-014</u>					
<u>IC-015</u>					

Prepared by :
Technical Support

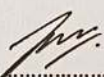
Checked by :
Chief Maintenance

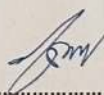
Verified by :
Chief Inspector

Approved by :
Technical Manager


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

WO Ref: WO/045-SNH/VI/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	05/07-2023		CEP NANA	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR / MINOR INSPECTION	05/07-2023		CEP NANA	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	05/07-2023		CEP NANA	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208B	TTSN	: 3696136
A/C REG	: PK-SNH	TCSN	: 5517
MSN	: C208B-5587	DATE	: 05-07-2023

TYPE OF INSPECTION : 100 HOURS ENGINE INSPECTION
DUE AT : 3700 TFH
REFF : 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
CEP NANA P	AIRFRAME & POWER PLANT	15114 / SEA 36		05/07-2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS INSPECTION

DUE AT : 3800

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNH

WO/FML No. : WO/045-SNH/V1/2023

PRE – INSPECTION	
Location	MALINAU
Date	04-07-2023
Cycle	
Filed Barometric	1011
OAT	31°C
Altitude	80 ft

POST – INSPECTION	
Location	MALINAU
Date	05-07-2023
Cycle	
Filed Barometric	10.09
OAT	32°C
Altitude	80 ft

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1870
ITT	841 °C	840 °C
Ng	102.7 %	101.1 %
Wf	578	564
Oil Press		92 °C
Oil Temp		79 °C
Start Temp		650 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1870
ITT	841 °C	840 °C
Ng	102.7 %	101.1 %
Wf	578	564
Oil Press		92 °C
Oil Temp		76 °C
Start Temp		643 °C

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

ENGINE PARAMETER WITHIN
LIMIT

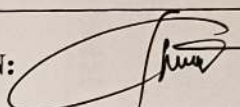
PERFORMED BY

Name	Sign & Stamp	Date	Location
CEP NANA		05/07-2023	MALINAU



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

**PT. SMART CAKRAWALA
AVIATION
DEPARTMENT TEKNIK
Form: SCA/MTC/023**

DATE : 05-July-2023	A/C REG : PK-SNH
A/C TYPE : C208B EX	CHECKER : REP NANA.P SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19092030083	JAN 2029	Good
2	Co-Pilot Life Vest	P01202-201	19080030081	JAN 2029	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	Firt Aid Kit	FL 220	1299-1450	AUG 2023	Good
14	Crash Axe Installed	NPN	NSN	%	Good
15	Fire Extinguisher	C352	F95366618	NOV 2023	Good
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18	FLASH LIGHT	NPN	NSN	%	Good



Parts Used Sheet

WO# ~~NR~~: WO/045-SNH/VI/2023
Special Tool Used

[illegible]



Aircraft Registration: **PK-SNH**

WO# Nr: **WO/045/ SNH/VI/2023**

Parts Used Sheet

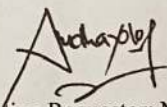
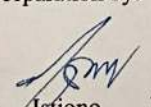
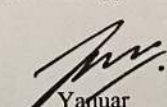
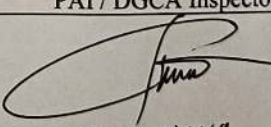
Part Used

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APPLICATION AND APPROVAL FORM SHORT TERM ESCALATION AND DEFERRED RECTIFICATION INTERVAL (D76)

Form: SCA/MTC/007

Applicant No.	: 002/STE/TM/V/2023	Date	: 12 May 2023
Aircraft Type	: C208B	Aircraft Registration	: PK-SNH
Component / Inspection / Technical Directive / Work Requiring Escalation: Propeller Replacement for Overhaul			
Part Name / Subject	: Propeller	Position	: Merauke
Part No. / Models	: 4HFR34C778	TSN/TSO	: 3486:57 Hrs
Serial No.	: 190837	CSN/CSO	: - Cyc
Total Time	: 3486:57 FH	Approved TBO	: 3500 Hours
Escalation	: I / H	Approved Deferment Interval	: 100 Hours
		Due at	: 3600 FH
Escalation Required: 100 Hours Due at 3600 FH			
Reason for Escalation: Part is still on shipment process			
Special Action / Attention / Instruction Incorporated: Visual Inspection of Propeller Blades for Deterioration.			
Enclosed:		 Hani Escalation Requestor: Name & Sign	
APPROVAL NO. 002 / PK-SNH / STE / SCA / V / 2023			
Remark:			
I hereby certify that aircraft / component / part bearing this escalation has been inspected and safe for flight			
Date:	Preparation by:	Reviewed & Approved by:	Escalation II - Approved by
12 May 2023	 (Istiono) Technical Manager	 (Yanuar) Chief Inspector	N/A (PAI / DGCA Inspector)
ESCALATION CLOSING : - Close / Accomplishment Date : 05-july-2023 - At Aircraft Total Time : 3696:36 - Short Brief / Explanation of Closure : PROPELLER AVAILABLE, PROPELLER ASSY REPLACEMENT COMPLETED			
			 CEP NANA (Name & Sign)