



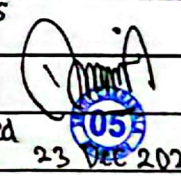
AIRCRAFT FLIGHT MAINTENANCE LOG

DATE: 23 Dec 2021 A/C REG: PK-SNA MSN: 208B5639 TYPE: C208B Ex PAGE: SNA211223-016

CREWS			Check In :	Check Out :	Duty Time :
CAPT :					
COPILOT :					
EOB :					
	PREFLIGHT	DAILY			
TIME :					
STATION :					
LIC. NO. :					
Sign & Stamp :					
I hereby certify that the aircraft has been maintained in accordance with applicable manuals & CASR, and determined to be in airworthy condition and safe for flight					

ROUTE		BLOCK				T/O	LDG	FLT		LDG/ CYCLE	FUEL			RECEIPT NO	ADDED	
FROM	TO	OFF	ON	HRS	MIN			HRS	MIN		REM	UPLIFT	TOTAL		OIL	HYD
											800	-	800	-	0	0
MAINTENANCE																
TTL BLOCK TIME:																
TTL FLT TIME & LDG:																

AIRCRAFT TIME										APU	
	A/F Total Hrs	Landing	Eng. #1 Hrs	Eng. #1 Cyc	Prop. #1 Hrs	Eng. #2 Hrs	Eng. #2 Cyc	Prop. #2 Hrs		Hours	Cycles
Brought Fwd	692:50	991	692:50	991	692:50						
This Page											
Total	692:50	991	692:50	991	692:50						
Metric											

No	DISCREPANCIES (write NIL or A/C OK if No Defect)	No	CORRECTIVE ACTION	Sign, Stamp & Date
	Inspection 100 Hrs at 700 Hrs due.		Performed Inspection 100 Hrs at 700 Hrs has been completed, JAW PT Smart Cakupa Wala Aviation Maintenance Program Rev 10, C208B Aircraft Maintenance program 37C208B illustrated Part catalog, Rev 27, PT6A-140 Engine Maintenance Manual Rev 1A, PT6A-140 Engine IPC, for work details. Please see WO 015-SNA/XII/2021, and next Inspt will due on 800 Hrs, 800 Inspt	 23 Dec 2021

No	COMPONENT CHANGE (Description)	POS	P/N On:	P/N Off:	S/N On:	S/N Off:	LIC-NO & SIGN
	Work Pack-202 015-SNA/XII/2021		-	-	-	-	

ECTM Manual Entry (if required)	
Time :	
Altitude :	
IAS :	
TQ/ EPR :	
ITT/EGT :	
NG/N2 :	
NP/N1 :	
F/F :	
Oil Temp. :	
Oil Press :	
OAT :	
Last Compressor Wash C/O	
Date :	23 Dec 2021
PERIODIC INSPECTION	
Last Insp C/O at :	692:50
Type of Insp :	100
Next Inspection	
Type Insp :	800 Hrs
Due at :	800:00



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 700 FH.	No.	WO/015-SNA/XII/2021
	Date	15-Dec-2021
	A/C Reg.	PK-SNA C208B-5634
Reference : MP C208B REV. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours Due at 700 FH. 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.:  23 Dec 2021 (Engineer in Charge) Dodik Supriyanto	Signature (Technical Manager)

Appendix B - Form: SCA/MTC/030



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

WO Ref: WO/015-SNA/XII/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	23 Dec 2021		Dodit S	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	23 Dec 2021		Dodit S	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	23 Dec 2021		Dodit S	

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
15-Dec-2021	WO/015-SNA/XII/2021	Inspection 100 Hrs	23 Dec 2021		
A/C Type C208B		Mfg. Serial Number C208B-5634	A/C Registration PK-SNA		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0730	692:50/991		
	#2	-			
Propeller/Rotor	#1	200483	692:50/991		
	#2	-			
Landing Gear	NLG				
	LH MLG				
	RH MLG				
PACKAGE COVERED					
No	Subject	Qty	Remark		
1	Non-Routine Card	-			
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	
IC-001	015-SNA/XII/21	Replaced L/H Igniter plug due to out of limit		close	
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

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PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B TTSN : 692:50
A/C REG : PK-SNA TCSN : 991
MSN : C208B-5634 DATE : 23 Dec 2021

TYPE OF INSPECTION : INSPECTION 100 HOURS
DUE AT : 700 HOURS
REFF : MP C208B REV. 10

EXCEPTION

- Nil Noted -

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
Dodit. Supriyanto	AIRFRAME & POWER PLANT	4857 / SCA05		23 Dec 2021
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 800 Hrs
DUE AT : 800 Hrs.

Form: SCA/MTC/049

Reg. Mark : PK-SNA

WO/FML No. : 015-SNA/X11/2021

PRE - INSPECTION	
Location	TMH
Date	23 Dec 2021
Cycle	
Filled Barometric	29.921
OAT	27
Altitude	420

POST - INSPECTION	
Location	TMH
Date	23 Dec 2021
Cycle	
Filled Barometric	29.921
OAT	30
Altitude	

PRE - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	835 °C	793 °C
Ng	102.7%	100.3%
Wf	578	536
Oil Press		95 °C
Oil Temp		59 °C
Start Temp		645 °C

POST - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	797 °C
Ng	102.7%	100.8%
Wf	578	532
Oil Press		94 °C
Oil Temp		68 °C
Start Temp		680 °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:

- Make sure that Inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
- This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
- Max fuel flow is 580 lb/hr fuel flow is not more than 15 lbs/hr higher than the value shown in table.
- If parameters are outside the target performance table to EMM chapter 71-00-00.

REMARKS:

- Nil noted -

PERFORMED BY

Name	Sign & Stamp	Date	Location
Dodri. Supriyanto		23 Dec 2021	TMH

Reg. Mark : PK-SNA

WO/FML No. : OIS-SNA/XN/2021

PRE – INSPECTION	
Location	TMH
Date	23 Dec 2021
Cycle	991
Filed Barometric	29.921
OAT	27
Altitude	420

POST – INSPECTION	
Location	TMH
Date	23 Dec 2021
Cycle	901
Filed Barometric	29.921
OAT	30
Altitude	300

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	835 °C	793 °C
Ng	102.7%	100.3%
Wf	578	536
Oil Press		95 °C
Oil Temp		59 °C
Start Temp		645 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	797 °C
Ng	102.7%	100.8%
Wf	578	532
Oil Press		94 °C
Oil Temp		68 °C
Start Temp		680 °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:

- Nil noted -

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Dodri. Supriyanto		23 Dec 2021	TMH

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

Page B03.1



MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

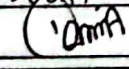
Reg. Mark	: PK - SNA	Date	: 23 Dec 2021
MSN	: 208B563A	Station	: TMH
TSN / CSN	: 692:50 / 991	WO No.	: 015-SNA / X11 / 2021

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F710001	130	Do a check of the FCU manual override system for static operation. For the engines installed with a manual override system only.		
F710003	130	Do a compressor performance recovery wash		
F720000	130	Do a visual inspection of the Control Linkages and wiring.		
F720001	130	Do a visual inspection of the engine exhaust duct welds.		
F720002	130	Do a visual inspection of the engine exhaust duct for cracks.		
F720003	130	Do a visual inspection of the gas generator case and the center fireseal.		
F720004	130	Do a visual inspection of the rear fireseal mounting ring.		
F722001	130	Do a visual inspection of the air Inlet screen.		
F723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the Inlet case for corrosion		
F725005	130	Do a detailed inspection of the turbine exhaust duct.		
F731002	130	Do a check for the fuel pump installation and leaks.		
F731003	130	Do a check of the oil-to- fuel heater Installation		
F731035	130	Do a visual inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element (CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</u>		

Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F731006	130	Do a check of the drain valve for installation and leaks		
F731007	130	Do a check of the flow divider for installation and leaks.		
F731008	130	Do a visual inspection of the P3 filter and drain valve.		
F731015	130	Do a visual inspection of Fuel Pump outlet filter. (CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235 - 3A</u> P/N ON: <u>AN 6235 - 3A</u>		
F731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corrosions are found, replace filter.		
F732001	130	Do a check of the FCU for installation, linkages and pneumatic tubes.		
F792000	130	Inspect and clean oil filter for debris.		
*** End of Engine PT6A-140 100 Hours Inspection Items ***				

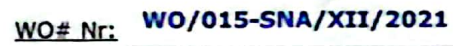
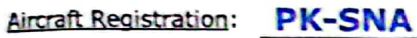
PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodit - Supriyanto	Engineer		48805 

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	: <u>Dodit - Supriyanto</u>	Stamp	: 
Signature	: 	Place/Date	: <u>TMH 23 Dec 2021</u>

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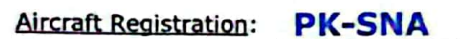
DATE :	A/C REG : PK -SNA	
A/C TYPE :	CHECKER : 	SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	21031090020	March 2020	Serviceable
2	Co-Pilot Life Vest	P01202-201	21031090008	March 2020	Serviceable
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	FL 220FAK-FAA	0221-1898	Feb 2022	Serviceable
14	Crash Axe Installed	NPN	NSN	-	Serviceable
15	Fire Extinguisher	C 352	G-40531481	July 2022	Serviceable
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	FL 220-SuVLife	10S 755	Jan 2022.	Serviceable
OTHERS					



Parts Used Sheet

Dipindai dengan CamScanner



Parts Used Sheet

Dipindai dengan CamScanner