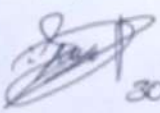




PT. SMART CAKRAWALA AVIATION

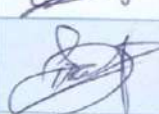
WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Inspection Due at 1900 FH.	No.	WO/025-SNG/XI/2021
	Date	24-Nov-2021
	A/C Reg.	PK-SNG C208B-5543
Reference : MP C208/208B Rev. 10	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection 100 Hours Inspection Due at 1900 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.:  30 Nov 2021 (Engineer In Charge)	Signature (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
25-Nov-2021	WO/025-SNG/XI/2021	Inspection 100 Hours	30 November 2021	
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5543	PK-SNG	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0596	1895:53 / 3148	
	#2	-		
Propeller/Rotor	#1	190140	1895:53 / 3148	
	#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 Open Close	Name/ Sign & Stamp
IC-001	ANM C208B # 32-40-00	C/H outboard and Inboard Brake lining worn out		✓  
IC-002	#32-40-00	C/H MLG Tire was worn out		✓  
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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		INSPECTION CARD (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
---	--	--	--	--	-------------------------	--

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
	WO/025-SN6/x1/2021			30 Nov 2021	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SN6	C208B-EX				
9. ZONE	10. STA	11. MTC TYPE			
MLE	NBX	Replacement			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
L/H MLE Tire was worn out	 	30/11/21

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Removed and Replaced L/H MLE Tire Assy with The New Tire Assy Performed at A/C TT: 1895:53 A/C TC /LDG: 3148		 	30/11/21

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
Main Tire Assy	078-446-1	1	1195T00169	0168T00166	✓	

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
General Tools	-	O/C	Good
Torque wrench	21 J00	Jan. 2023	Good
Digital Press Gauge	QD 250/0619904133	April 2023	Good

		INSPECTION CARD (Form: SCA/MTC/ 048)		TECHNICAL DEPARTMENT		
1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE		
	W0/025-SNG/X1/2021			30 NOV 2021		
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #			
PK-SNG	C208 B-EX					
9. ZONE	10. STA	11. MTC TYPE				
MLE	NBX	Replacement				
13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20				14	15	
				PPC/ENG	DATE	
FOUND IN BOARD AND OUT BOARD L/H BRAKE LINING OUT OF LIMIT				  # 9505	30/11/21	
16. CORRECTIVE ACTION			17	18	19	
REPLACED IN BOARD & OUT BOARD L/H BRAKE LINING WITH NEW			MECH	ENG. LIC	DATE	
				  # 9505	30/11/21	
Performed at A/C TT : 1895:53 A/C TC/LDG : 3/48						
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
LINING	066-15300	8	-	-	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
GENERAL TOOLS	-	O/C		Good		
TORQUE WRENCH	SJ 300	JAN 2023		Good		

A.



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION
(CRS-SMI)

A/C TYPE : CESSNA 208B

TTSN : 1895:53

A/C REG : PK-SNG

TCSN : 3148.

MSN : C208B-5543

DATE : 30-11-2021

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 1900 HOURS

REFF : MP C208B REV. 10

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
D. Arya Permana.	AIRFRAME & POWER PLANT	9505/SCA 031		30/11 '2021
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 400 Hrs.

DUE AT : 2000 Hrs.

Form: SCA/MTC/049

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark

: PK -

WO/FML No. :

PRE – INSPECTION	
Location	NBX
Date	30 Nov 2021
Cycle	
Filed Barometric	1009
OAT	30
Altitude	60 ft

POST – INSPECTION	
Location	NBX
Date	30 Nov 2021
Cycle	
Filed Barometric	1009
OAT	31°C
Altitude	90 ft

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	820 °C
Ng	102.7 %	99.0 %
Wf	578	513
Oil Press		90 °C
Oil Temp		74 °C
Start Temp		680 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1880
ITT	841 °C	817 °C
Ng	102.7 %	99.0 %
Wf	578	510
Oil Press		90 °C
Oil Temp		73 °C
Start Temp		645 °C

Engine Run Up Checks													
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒	BOV	☒	Brake	☒	Randown	☒
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
D. Arya Permana		30 Nov 2021	NBX

Revision No. : 03

SCA/TEK/1-001

26 September 2019

Page B03.1



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

WO Ref: WO/025-SNG/XI/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	30/11/21		Arya P.	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	30/11/21		Arya P.	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	30/11/21		Rizki A. G.	

1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	30/11/21		Arya P.	
2	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	30/11/21		Arya P.	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	30/11/21		Rizki A. G.	

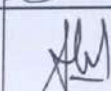
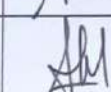
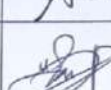
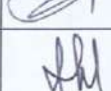
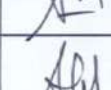
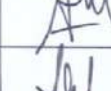
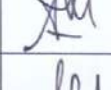
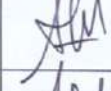
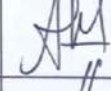
Appendix B - Form: SCA/MTC/050

Appendix B - Form: SCA/MTC/050

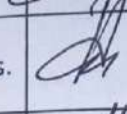
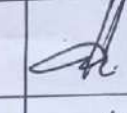
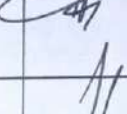
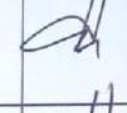
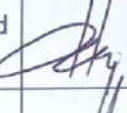
Appendix B - Form: SCA/MTC/050

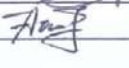
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK - SN6 Date : 30 November 2021
 MSN : C208B - 5543 Station : Nabire
 TSN / CSN : 1895:53 / 3148 WO No. : WO/025-SN6/X1/2021

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>AN6325 - 3A</u> P/N ON: <u>AN6325 - 3A</u>		

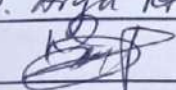
Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

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 corrossions 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
<u>Denur Prawa</u>	<u>ENGINEER</u>		<u>9687</u>
<u>YOHAN S. DEPAZI</u>	<u>MECHANIC</u>		
<u>D. Arya Permana</u>	<u>ENGINEER</u>		<u>9505</u>
<u>PETER ASAPA</u>	<u>MECHANIC</u>		

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 : D. Arya Permana Stamp : 
Signature :  Place/Date : NBX / 30 Nov 2021



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 30-11-2021

A/C REG : PK-SNG

A/C TYPE : C208B EX

CHECKER : RIDZAL.G

SIGN:



No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19092030036	JAN 2022	GOOD
2	Co-Pilot Life Vest	P01202-201	19092030051	JAN 2022	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	First Aid Kit	NPN	NIL	JUNE 2022	GOOD
14	Crash Axe Installed	NPN	NIL	NIL	GOOD
15	Fire Extinguisher	C352	F60589352	SEPT 2022	GOOD
16	Life Raft (If Installed)	—	—	—	—
17	Survival Kit (If Installed)	—	—	—	—
OTHERS					
18	FLASH LIGHT	NPN	NIL	NIL	GOOD



Additional Work Sheet Inspection 100 Hours

Inspection 100 Hours

Parts Used Sheet

Date	Part N ^o .	Serial N ^o .	Description	Quantity	Engineer
30 Nov 2024	066-15300	-	Lining	2 ea	Angus P
	164-22201	-	Disc Brake	1 ea	Angus P
	214-01400	-	Cone Bearing	1 ea.	Angus P
	078-496-1	1195 T00164	Main Tire	1 ea	Angus P
	56-291503	-	Inner Tube	1 ea	Angus P
	PT64-140 Kit	-	100 Hrs Kit	1 ea	Angus P.

SERVICEABLE TAG			
Part Number: 169-22201	Description: DISC WHEEL BRAKE		
Serial Number: NSN	Qty: 1 EA.	☐ Form 8130-4	☒ DAAD From 21-18
Order Number: 07869616	Receipt Date: 20 OCT 2021	☐ For Class I Product	☐ For Class II/III Product
Mfg. Date: 10/AUG/21	Vendor / Approved Shop:	The Part Identified has been:	
TSN: NEW	Shelf Life Expiry Date: N/A	☐ Inspected only ☐ Repaired ☒ New ☐ Other	
Remarks:	TSO: N/A	CERTIFICATE OF RELEASE TO SERVICE	
	Store Inspector:	I hereby certify that the work recorded above have been carried out in accordance with the requirements of the Indonesia Civil Aviation Safety Regulations applicable thereto and is airworthy.	
	Main Store:	Sign/Stamp	Authority: CHIEF INSPECTOR Date: 20 OCT 2021
Condition: NEW			
Form: SCA/MTC/022			

(M. Name Typed in Print)

JENNIFER FISHER

20/Aug/2021

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine propeller article.

When the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine (propeller) article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute a declaration of conformity. In all cases, aircraft maintenance records must contain an installation certificate issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-4 (02/14)

NSN: 001240-01-2-0005

SERVICEABLE TAG			
Part Number: 078-446-1	Description: MAIN TIRE A 55Y		
Serial Number: 1199T00164	Qty: 1EA	☐ Form 8130-4	☒ DAAD From 21-18
Order Number: 1195 T00164	Receipt Date: 14 October 2021	☐ For Class I Product	☐ For Class II/III Product
Mfg. Date: 17 JUL 2021	Vendor / Approved Shop: MICHELIN	The Part Identified has been:	
TSN: NEW	Shelf Life Expiry Date: N/A	☐ Inspected only ☐ Repaired ☒ New ☐ Other	
Remarks:	TSO: N/A	CERTIFICATE OF RELEASE TO SERVICE	
	Store Inspector:	I hereby certify that the work recorded above have been carried out in accordance with the requirements of the Indonesia Civil Aviation Safety Regulations applicable thereto and is airworthy.	
	Main Store: Out Station Store: JAKARTA Nabire	Sign/Stamp	Authority: INSPEKTOR Date: 16 October 2021
Condition: Good			
Form: SCA/MTC/022			

12. Remarks
Remarques

Norme(s): ETSOC62d, TSOC62e
ETSOC62d Approval Number: EASA.210.977, TSOC62e LODA Approval Number: T

13a

Certifies that the items identified above were manufactured in conformity to:
Certifie que les éléments identifiés ci-dessus ont été fabriqués conformément aux :