



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours Due at 3669 Hours.		No. WO/080-SNK/VI/2022
		Date 13 JUNE 2022
		A/C Reg. PK-SNK C208-00658
Reference : MP C208B Rev. 10		Prepared By TS
		Checked By CI
		Approved By TM
To : Engineer In Charge		
Description : <ol style="list-style-type: none">1. Perform Inspection 100 Hours Due at 3669 Hours.2. Make an entry in Maintenance Log.3. Return the Completed Work Order and Form to PPC. <p>#If any finding, please close the routine card, and transferred to inspection card.</p>		
Additional Work :		
Compliance Statement <i>100 HRS INS 90</i>	Sign & Date Company Lic. No.:   23-Jun-2022 (Engineer In Charge)	Signature  (Technical Manager)

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

DATE OF ISSUED	JOMO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
13 JUN 2022	WO/080-SNK/VI/2022	Inspection 100 Hours	23- JUN- 2022		
A/C Type C208		Mfg. Serial Number C208-00658	A/C Registration PK-SNK		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PC2327	6601:24 / 9959		
	#2	-			
Propeller/Rotor	#1	190345	3664:09		
	#2	-			
Landing Gear	NLG		3664:09 / 5307		
	LH MLG		3664:09 / 5307		
	RH MLG		3664:09 / 5307		
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		BATTERY DROP VOLTAGE 14.3 VOLTS	✓	M. ARIZ ANDRA	
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

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Dwi M.

Checked by :
Chief Maintenance

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Dodit

Verified by :
Chief Inspector

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Yanuar

Approved by :
Technical Manager

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

WO Ref: WO/080-SNK/VI/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	23/06/22	0.5 HRS	Azn	
2	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	23/06/22	2 HRS	Azn	
4	Form SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	23/06/22	0.5 HRS	Azn	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: CESSNA 208	TTSN	: 3664:09
A/C REG	: PK-SNK	TCSN	: 5307
MSN	: C208-00658	DATE	: 23-JUN-2022

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 3669 HOURS

REF : MP C208/ 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
M. Aziz Andika	AIRFRAME & POWER PLANT	9633 /SCA 23	 	23-JUN-2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 HRS /INSP

DUE AT : 3769:00HRS

Form: SCA/MTC/049

	INSPECTION CARD (Form: SCA/MTC/048)				TECHNICAL DEPARTMENT	
1. CARD #	2. JOMO #	3. ORIGINATOR	4. CARD REF	5. DATE		
IC - 001	W0/080-SNF/VI/2022	M. ARIANDIKA		23-JUN-2022		
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #			
PK-SNF	C208					
9. ZONE	10. STA	11. MTC TYPE				
	ENGINE					
13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20				14 PPC/ENG	15 DATE	
BATTERY DROP VOLTAGE 14.3 VOLTS						
16. CORRECTIVE ACTION				17 MECH	18 ENG. LIC	19
REPLACED MAIN AIRCRAFT BATTERY WITH A NEW ONE IAW C208/C208B AMM CHAP 24-33-00 GROUND RUN CHECK POINT SATISFY Performed at A/C TT: 3644:09 A/C TC/LDG: 5307						23-Jun-22
20. CORROSION INFORMATION						
LOCATION		CAUSE OF DAMAGE				
		<input type="checkbox"/> Environment	<input type="checkbox"/> Internal Leakage			
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread		<input type="checkbox"/> Chemical Spill				
CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3		<input type="checkbox"/> LAV/Galley Spill				
PROPOSED ACTION <input type="checkbox"/> Doublers		<input type="checkbox"/> Blocked Drain				
<input type="checkbox"/> Others		<input type="checkbox"/> Wet Insulation Blanket				
		<input type="checkbox"/> 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
BATTERY	12G-380E/44	1 EA	70010515	70009845	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL		NEXT CALIBRATION DATE		STATUS	



MAINTENANCE PROGRAM

CESSNA C208/C208B

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK - SNK

WO/FML No. : WO/080-SNK/VI/2022

PRE – INSPECTION	
Location	MALINAU
Date	23 - JUN - 2022
Cycle	
Filed Barometric	1006
OAT	34 °C
Altitude	120 FT

POST – INSPECTION	
Location	MALINAU
Date	23 - JUN - 2022
Cycle	
Filed Barometric	1006
OAT	27 °C
Altitude	70 FT

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	795 °C	732 °C
Ng	99.5 %	98.9 %
Wf	450	451
Oil Press		90 °C
Oil Temp		76 °C
Start Temp		720 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	792 °C	703 °C
Ng	98.5 %	98.3 %
Wf	450	448
Oil Press		88 °C
Oil Temp		72 °C
Start Temp		657 °C

Engine Run Up Checks

Inertial EPL OVG Stby Alt BOV Brake Random

NOTE:

1. Brake system at Torque 1500 ft-lbs. 3. EPL check can't exceed 4% Ng per second. 5. Low idle at 52.5 – 53.5% 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 C208

OAT (°C)	(27)	28	29	30	31	32	33	(34)	35	36	37	38	39	40	41
Tq (ft.lbs)	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865	1865
Np	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
ITT (°C)	772	775	778	780	785	790	793	795	797	800	800	800	802	805	810
Ng (%)	98.5	98.5	99	99	99.1	99.2	99.4	99.5	99.5	100	100	100.2	100.5	100.7	100.9
WF (PPH)	450	450	450	450	450	450	450	450	450	450	450	450	448	448	446

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 465 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
M. Atm A		22/06/22	MALINAU



**MAINTENANCE PROGRAM
CESSNA C208/C208B**

Chapter 44 – Engine PT6A-114A 100 Hours/Minor Inspection

Reg. Mark	: PK - SNK	Date	: 23- Jun - 2022
MSN	: C208-00658	Station	: MALIMAU
TSN / CSN	: 3664:09 / 5307	WO No.	: WO/080-SNK/VI/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E710001	130	Do a check of the FCU manual override system for static operation.		
E710003	130	Do a compressor performance recovery wash.		
E710004	130	Inspect all accessible connections, clamps and brackets for attachment. Inspect accessible lockwire and safety cable for security and installation.		
E710005	130	Inspect of wear, chafing, cracks and corrosion for tubing, wiring, control linkage, hose assemblies. NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		
E710006	130	Examine linkages. Pay particular attention to rear linkage cam box, fuel control unit arm, telescopic rod and rod end fittings. Disconnect rod ends and clean using solvent (PWC11-027) or (PWC11-031). Lubricate with light grease (PWC04-001) after engine external wash. Examine rod end for corrosion, roughness in rotation, side play and radial play. After lubrication reinstall rod ends and torque to specified value (Ref 76-10-00). Check free movement of linkage.		
E710007	130	Inspect attachment and linkages, air, oil and fuel lines (Ref. 73-10-07/-08). NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary.		
E710011	130	Performed Deceleration Check		
E720001	130	Do a visual inspection of the engine exhaust duct welds.		
E720002	130	Do a visual inspection of the engine exhaust duct for cracks.		
E720003	130	External surfaces, and fireseal mount ring brackets for cracks, distortion, and corrosion of gas generator case (Ref. 72-30-04).		



MAINTENANCE PROGRAM

CESSNA C208/C208B

Chapter 44 – Engine PT6A-114A 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
E722001	130	Do a visual inspection of the air inlet screen.		
E722004	130	Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02)		
E723000	130	Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion		
E731002	130	Do a visual inspection of the fuel pump (in-situ inspection only) for installation and leakage		
E731003	130	Check oil-to-fuel heater installation		
E731014	130	Check starting flow control/flow divider for installation and leaks.		
E731015	130	Check outlet filter for foreign matter or distortion (Ref. 73-10-02). (CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235 - 3A</u> P/N ON: <u>AN 62 35 - 3A</u>		
E731006	130	Check drain valve for installation and leaks		
E731008	130	Do a visual inspection of the P3 filter and drain valve.		
E731018	130	Clean or replace the P3 filter based on condition, service experience or environment. Note: If corosions are found, replace filter.		
E732001	130	Check FCU for installation, linkages and pneumatic tubes.		
E732002	130	Examine the FCU for bearing wash-out, shown by blue dye (grease and fuel mixed) at FCU vent.		
E792002	130	Oil filter elements and secondary screen (coarse hat-type screen attached to the inner end of the filter).		
E792003	130	Examine the forward oil transfer elbow installation on the Flange A. Make sure that the bolts tighten correctly		

*** End of Engine PT6A-114A 100 Hours Inspection Items ***

PERSONNEL PRTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
M. A212 ANDREA	ENGINEER		9633

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 : M. A212 ANDREA Stamp : 
Signature :  Place/Date : MALINAU / 23-JUN-2022



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

DATE : 23- JUN- 2022	A/C REG : PK-SNK
A/C TYPE : C208B	CHECKER : A212 ANDIKA SIGN:

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	19041660002	MAY - 2029	SERVICEABLE
2	Co-Pilot Life Vest	P01074-101W	17060500076	JULY- 2022	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	NPN	SCA-005	SEP - 2022	SERVICEABLE
14	Crash Axe Installed	NPN	N/N	0/c	SERVICEABLE
15	Fire Extinguisher	C-352	F-60589834	APRIL - 2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				

OTHERS

18	FLASH LIGHT	NPN	N/N	0/c	SERVICEABLE



**Additional Work Sheet
Inspection 100 Hours**

Aircraft Registration: PK-SNK

WO# Nr: WO/080-SNK/VI/2022

Parts Used Sheet

1

Special Tool Used



**Additional Work Sheet
Inspection 100 Hours**

Aircraft Registration: PK-SNK

WO# Nr: WO/080-SNK/VI/2022

Parts Used Sheet

2

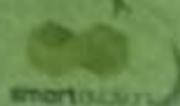
Part Used

1001550139



SATAIR
Certified True Copy
15-06-2020

1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 700631-20
4. Organization Name and Address: Concorde Battery Georgia Corporation 7905 Troon Circle Austell, GA 30168				PAH No.: PQ1174NM & PT1174NM	5. Work Order/Contract/Invoice Number: 27655-01
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Battery	RG-380E/44	3	70010513-70010515	New
12. Remarks: This PMA & TSO part is not a critical component. (Cross check eligibility at www.concordebattery.com)					
13a. Certifies the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: 	13c. Approval/Authorization No.: 897521554	14b. Authorized Signature:	14c. Approval/Certificate No.:		
13d. Name (Typed or Printed): Ronald Hollett	13e. Date (dd/mm/yy): 27 APR 2020	14d. Name (Typed or Printed):	14e. Date (dd/mm/yy):		
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. Where 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(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					



SERVICEABLE TAG

Part Number:

RG - 380E / 44

Serial Number:

70010515

Qty:

1 EA

Order Number:

27655-01

Receipt Date:

2 FEB 2021

Mfg. Date:

27 APR 2020

Vendor / Approved Shop:

PAC

TSN:

Shelf Life Expiry Date:

Remarks:

TSO:

-

Store Inspector:

- / ANWAR

Main Store:

JAKARTA

Condition: NEW

Description :

BATTERY

 Form 8130-4DAAO
From 21-18

CoC

For Class I Product

For Class II/III Product

For Class II Product Only

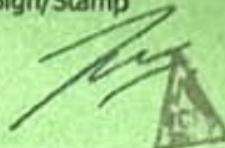
The Part Identified has been :

 Inspected only Repaired New Other

CERTIFICATE OF RELEASE TO SERVICE

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

Sign/Stamp



Authority

CHIEF INSPECTOR

Date :

18 /

APR 2021

INSTALLATION DATA

Date: 23- Jun - 2022

A/C Reg.: PF-SNK

A/C Total Time : 3664:09

Position on A/C: ENGINE

A/C Total Landing: 5307

Technical Log Sheet Page No.: WO /080-SNK / V1 / 2022

Engineer Name: M. Aziz ANDIKA

Lic/Auth. No.:



Signature: ✓M

Note:

Please return this Tag to Technical Record, for further data processing after Completion and Released by the LAME