



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Replacement of FCU	No.	WO/039-SNM/II/2023
	Date	8 Feb 2023
	A/C Reg.	PK-SNM C208-00655
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform Inspection FCU Replacement 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 26-FEB-2023 Company Lic. No.: SCA11  (Engineer In Charge)	Signature  (Technical Manager)

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

DATE OF ISSUED	JOWO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
8 Feb 2023	WO/039-SNM/II/2023	Replacement FCU	26 - FEB - 2023		
A/C Type		Mfg. Serial Number	A/C Registration		
C208		C208-00655	PK-SNM		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PC2327	38:50 / 102		
	#2	-			
Propeller/Rotor	#1	190085	4097:03 / 5576		
	#2	-			
Landing Gear	NLG				
	LH MLG				
	RH MLG				
PACKAGE COVERED					
No	Subject	Qty	Remark		
1	Non-Routine Card	1			
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>					
<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.


.....
Dodit


.....
Yanuar


.....
Istiono



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

WO Ref: WO/039-SNM/II/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	NRC-01	FCU REPLACEMENT	26/ 02-23		NSINDB	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208

TTSN : 4097-03

A/C REG : PK-SNM

TCSN : 5576

MSN : C208-00655

DATE : 26-02-2023

TYPE OF INSPECTION : REPLACEMENT OF FCU

DUE AT : 4100

REFF : MP C208/C208B ISSUED 01

EXCEPTION

- NIL -

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
ROHPINIUDON S P	AIRFRAME & POWER PLANT	9634/SCA 11		26-02-2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION :

DUE AT :

Form: SCA/MTC/049

NON ROUTINE CARD
(Form: SCA/MTC/047)

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/039-SNM/1/2023	26-02-2023	REPLACEMENT	PK-SNM/208-00655
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
#01	73		LNU
9. ZONE	10. PANEL		
ENGINE			

11. DESCRIPTION			
PERFORM REPLACEMENT FUEL CONTROL UNIT P/N : 3244897-4 S/N OFF : C65097 S/N ON: B10784 TSN:			
REFERENCE	☒ AMM Ch. 73-20-00	☐ EMM Ch	☐ OTHER
R/I (*)	☒ Y	☐ N	MHR :

12. RESULT		MECH	ENG	INSP (*)
REPLACED FUEL CONTROL UNIT WITH THE SERVICEABLE ONE FROM PE-SNK				
Performed at A/C TT : 4097:03 A/C TC/LDG : 5576				
FINDING	☐ Y	☒ N	ACT MHR :	DATE/TIME (DD/MM/YY)
INSPECTION CARD (IC) #		26	02	2023

13. PARTS REQUIRED				
DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS
		1		

14. TOOLS REQUIRED			
DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS



MAINTENANCE PROGRAM **CESSNA 208/208B**

Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK-SAM

WO/FML No. : WO/039-6AM/4/2023

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

POST – INSPECTION	
Location	<u>LNH</u>
Date	<u>26-02-2023</u>
Cycle	
Filed Barometric	
OAT	<u>27°C</u>
Altitude	

PRE – INSPECTION		
	Target	Actual
Tq		
Np		
ITT	°C	°C
Ng	%	%
Wf		
Oil Press		°C
Oil Temp		°C
Start Temp		°C

POST – INSPECTION		
	Target	Actual
Tq	<u>1865</u>	<u>1865</u>
Np	<u>1900</u>	<u>1886</u>
ITT	<u>772 °C</u>	<u>701 °C</u>
Ng	<u>98.5 %</u>	<u>97.5 %</u>
Wf	<u>450</u>	<u>452</u>
Oil Press		<u>88 °C</u>
Oil Temp		<u>67 °C</u>
Start Temp		<u>657 °C</u>

Engine Run Up Checks

Inertial ☒ **EPL** ☒ **OVG** ☒ **Stby Alt** ☒ **BOV** ☒ **Brake** ☒ **Randomn** ☒

NOTE:

1. Brake system at Torque 1500 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 52.5 – 53.5% 40Amps.
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:

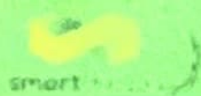
1. Make sure that inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
2. This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
3. Max fuel flow is 465 lb/hr fuel flow is not more than 15 lbs/hr higher than the value shown in table.
4. If parameters are outside the target performance table to EMM chapter 71-00-00.

REMARKS:

- NIL -

PERFORMED BY

Name	Sign & Stamp	Date	Location
<u>ROTHMANO</u>		<u>26-02-2023</u>	<u>LNH</u>



SERVICEABLE TAG

Part Number: 3244897-4		Description: FUEL CONTROL UNIT	
Serial Number: B10784	Qty.: 1EA	Form 8130-4	Form 8130-3/JAA Form 1
Order Number: -	Receipt Date: 26-02-2023	For Class I Product	For Class II/III Product
Mfg. Date: -	Vendor / Approved Shop: -	The Part Identified has been:	
TSN: 530:48	Shelf Life Expiry Date: -	☒ Inspected only ☐ Repaired ☐ New ☐ Other	
Remarks: -	TSO: -	CERTIFICATE OF RELEASE TO SERVICE	
	Store Inspector: -	<i>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</i>	
	Main Store: - Outstation Store: -	Sign/Stamp Authority Date:	
Condition: GOOD (SERVICEABLE)		Yahuar Abdul Fatah Chief Inspector 26-02-2023	

INSTALLATION DATA

Date: 26-02-2023

A/C Reg.: PK-SNM

A/C Total Time : 4097:03

Position on A/C: ENGINE

A/C Total Landing: 55 76

Technical Log Sheet Page No.: SNM-230226-002

Engineer Name:

ROTHPININDO

Lic/Auth. No.:



Signature:

[Handwritten Signature]

Note

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



ROBBED TAG

AIRCRAFT TYPE & MODEL: CESSNA 208

ROBBED FROM A/C:

PK-SNK

REGISTRATION

INSTALLED TO A/C:

PK-SNM

REGISTRATION

A/C S/N. C208-00658

A/C S/N. C208-00655

PART NAME : FUEL CONTROL UNIT

PART NO. : 3244 897-4

SERIAL NO. : B10784

TSN : 530:48

CSN : -

TBO (Hour/Cycle) : 4000 Hours

TSO : -

CSO : -

REMAINING (Hour/Cycle) : 3469 : 12 Hours

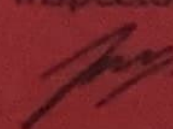
Date :

26/02-2023

Mechanic :


NINDO

Inspector :





1

[illegible]



2

[illegible]