



PT. SMART CAKRAWALA AVIATION

## WORK ORDER

Form: SCA/MTC/030

Subject : <b>100 Hours Inspection</b>	No.	WO/032-SNO/X/2023
	Date	23 Oct 2023
	A/C Reg.	PK-SNO C208B-2375
Reference : Maintenance Program C208/208B Issued 01 Rev. 01	Prepared By	TS
	Checked By	CI
	Approved By	TM



To : Engineer In Charge

### Description :

1. Perform 100 Hours 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 :

Compliance Statement	Sign & Date Company Lic. No.:  24 10 2023 (Engineer In Charge)	Signature  (Technical Manager)
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**AIRCRAFT CHECK WORK SUMMARY**  
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
23 Oct 2023	WO/032-SNO/X/2023	100 Hours Inspection	24 OCT 2023	
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-2375	PK-SNO	
<b>AIRCRAFT DATA</b>				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-PC1937	1089:46 / 1481	
	#2	-		
Propeller/Rotor	#1	111120	3125:43 / 10147	
	#2	-		
Landing Gear	NLG		7281:09 / 10147	
	LH MLG		7281:09 / 10147	
	RH MLG		7281:09 / 10147	
<b>PACKAGE COVERED</b>				
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	1	✓	
6	Escalation form	-		
7	CRS (SMI / Unscheduled Maintenance)	1	✓	
<b>INSPECTION CARD (IC) LIST (Finding during maintenance)</b>				
No	Taskcard Ref	Subject	Status Open    Close	Name/ Sign & Stamp
IC-001				
IC-002				
IC-003				

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/032-SNO/X/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX B07	PT6A-114A ENGINE GROUND RUN	24.10.2023		Dodis	
2	APPENDIX D01	PT6A-114A 100 HRS/MINOR INSPECTION	24.10.2023		Dodis	
3	SCA/MTC/023	EMERGENCY EQUIPMENT CHECKLIST	24.10.2023		Dodis	





PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B TTSN : 7281:09  
A/C REG : PK-SNO TCSN : 10147  
MSN : C208B-2375 DATE : 24 Oct 2024


TYPE OF INSPECTION : 100 HOURS INSPECTION  
DUE AT : 7288:00 HOURS  
REF : MAINTENANCE PROGRAM ISSUED 01 REV. 01

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 / sch 05		24 Oct 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 200 Hrs  
DUE AT : 7388:00

Form: SCA/MTC/049

		<b>INSPECTION CARD</b> (Form: SCA/MTC/ 048)			TECHNICAL DEPARTMENT	
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1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
9. ZONE	10. STA	11. MTC TYPE			

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Performed at A/C TT : ..... A/C TC /LDG : .....			

20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE <input type="checkbox"/> Environment <input type="checkbox"/> Internal Leakage <input type="checkbox"/> Chemical Spill <input type="checkbox"/> LAV/Galley Spill <input type="checkbox"/> Blocked Drain <input type="checkbox"/> Wet Insulation Blanket <input type="checkbox"/> Other		
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 PROPOSED ACTION <input type="checkbox"/> Doublers <input type="checkbox"/> 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

23. 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-SNO

WO/FML No. : 32-SNO/X/2023

PRE – INSPECTION	
Location	NABIRE
Date	23 OCT 2023
Cycle	
Filed Barometric	29,921
OAT	29°C
Altitude	120

POST – INSPECTION	
Location	NABIRE
Date	29 OCT 2023
Cycle	
Filed Barometric	29,921
OAT	27°C
Altitude	120

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1889
ITT	778 °C	741 °C
Ng	99.0 %	98.4 %
Wf	450	462
Oil Press		97 °C
Oil Temp		59 °C
Start Temp		731 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1890
ITT	772 °C	720 °C
Ng	98.5 %	98.3 %
Wf	450	461
Oil Press		96 °C
Oil Temp		56 °C
Start Temp		739 °C

Engine Run Up Checks													
Inertial	<input checked="" type="checkbox"/>	EPL	<input checked="" type="checkbox"/>	OVG	<input checked="" type="checkbox"/>	Stby Alt	<input checked="" type="checkbox"/>	BOV	<input checked="" type="checkbox"/>	Brake	<input checked="" type="checkbox"/>	Random	<input checked="" type="checkbox"/>
<b>NOTE:</b> 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:
- Noted -

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Dodil S		24.10.2023	Nbx



# **MAINTENANCE PROGRAM** **CESSNA 208/208B**

## **Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection**

Reg. Mark : PK - SNO Date : 24 October 2023  
 MSN : 208B2375 Station : N5X  
 TSN / CSN : 7281 : 09 / 10147 WO No. : 32-5N0/X/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII 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. <b>NOTE:</b> 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). <b>NOTE:</b> 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.		





# MAINTENANCE PROGRAM CESSNA 208/208B

## Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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).		
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). <b>(CLEANING / REPLACEMENT)</b> P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</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. <b>Note:</b> If corrosions 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.		





# MAINTENANCE PROGRAM CESSNA 208/208B

## Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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		
D282101	130	Firewall Mounted Fuel Filter Servicing Task 28-21-00-610		
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). <b>(CLEANING / REPLACEMENT)</b> P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 6235-3A</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. <b>Note:</b> If corrossions are found, replace filter.		



# MAINTENANCE PROGRAM CESSNA 208/208B

## Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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		
D282101	130	Firewall Mounted Fuel Filter Servicing Task 28-21-00-610		
*** End of Engine PT6A-114A 100 Hours/Minor Inspection Items ***				


PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodit. Supriyanto	Engineer		4857
BASRI	MECHANIC		
ADITYA R	MECHANIC		


### 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 : Dodit. Supriyanto Place/Date : Nbx 2A Oct 2023  
Sign & Stamp :



	<b>EMERGENCY EQUIPMENT LIST INSPECTION &amp; MONITOR</b>		<b>PT. SMART CAKRAWALA AVIATION</b> DEPARTMENT TEKNIK Form: SCA/MTC/023

DATE : 24 Oct 2023	A/C REG : PK-SNO
A/C TYPE : C208B	CHECKER : BASHI      SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	P01202-201	22090490296	SEPT 2024	SERVICEABLE
2	Co-Pilot Life Vest	P01202-201	22090490268	JULY 2024	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	FAX	NSN	15 DEC 2023	SERVICEABLE
14	Crash Axe Installed	MPN	NSN	9/2	GOOD
15	Fire Extinguisher	C352	F75060951	NOV 2023	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
18.	FLASH LIGHT	MPN	NSN	9/2	GOOD



WO# Nr: WO/032-SNO/X/2023

WO/032-SNO/X/2023

WO# Nr.:

3.

WO/032-SNO/X/202

WO# Nr:

**PK-SNO**

Aircraft Registration:

Special Tool Used

[illegible]



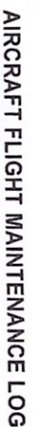


**PK-SNO**

Aircraft Registration:

WO# Nr: WO/032-SNO/X/2023

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DATE: 24 OCT 2023	A/C REG: PK-SNO	MSN: 208B-2375	TYPE: C208B	PAGE: SNO-231024-019
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<b>CREWS</b>						<b>Check In :</b>	<b>Check Out :</b>							<b>Duty Time :</b>			
CAPT	:					ROUTE FROM TO OFF ON HRS MINS	T/O	LDG	FLT		LDG / CYCLE	FUEL			RECEIPT NO	ADDED	
COPIL	:								HRS	MINS		REM	UPLIFT	TOTAL		OIL	HYD
EOB	:																
	:																
	:	PREFLIGHT				DAILY											
TIME	:																
STATION	:																
LIC. NO.	:																
Sign & Stamp	:																

X
MAINTENANCE

I hereby certify that the aircraft has been maintained in accordance with applicable manuals & CASRs, and determined to be in airworthy condition and safe for flight					
TTL BLOCK TIME:					
TTL FLT TIME & LDG:					

[illegible][illegible]