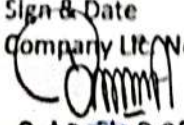




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 200 Hours A/F & 600 Hours Engine Inspection	No.	WO/035-5N1/III/2023
	Date	25 Mar 2023
	A/C Reg.	PK-5N1 C208B-5640
Reference : MP C208B Issued 01	Prepared By	TS
	Checked By	CI
	Approved By	TM
To : Engineer In Charge		
Description : 1. Perform 200 Hrs A/F & 600 Hrs Engine 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 Lit. No.:  2 APRIL 2023 (Engineer In Charge) Dodit Supriyanto	Signature  (Technical Manager)



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

WO Ref: WO/035-SNJ/III/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	2 April 2023		Dodil S	
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR / MINOR INSPECTION	2 April 2023		Dodil S	
3	APPENDIX D09	ENGINE PT6A-140 200 HOURS INSPECTION	2 April 2023		Dodil S	
4	APPENDIX D10	ENGINE PT6A-140 200 HOURS/6MONTHS INSPECTION	2 April 2023		Dodil S	
5	APPENDIX C03	200 HRS/12 MTHS INSPECTION	1 April 2023		Dodil S	
6	APPENDIX D12	ENGINE PT6A-140 600 HOURS INSPECTION	2 April 2023		Dodil S	
7	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	1 April 2023		Dodil S	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B TTSN : 179A : 57
A/C REG : PK-SNJ TCSN : 2927
MSN : C208B-5640 DATE : 2 April 2023

TYPE OF INSPECTION : INSPECTION 200 HRS A/F & 600 HRS ENGINE
DUE AT : 1800 FH
REFF : MP C208B ISSUED 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 / SCA 05		2 April 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100 HRS
DUE AT : 1900 : 00

Form: SCA/MTC/049

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
25 Mar 2023	WO:035 SNJ/III/2023	200Hrs A/F & 600Hrs	2 April 2023		
Eng. Inspection					
A/C Type	Mfg. Serial Number	A/C Registration			
C208B	C208B-5640	PK-SNJ			
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-VA0738	179A:57 / 2927		
	#2	-			
Propeller/Rotor	#1	210140	179A:57 / 2927		
	#2	-			
Landing Gear	NLG				
	LH MLG				
	RH MLG				
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	D21061	Brake bolt worn out	-	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


.....
Dwi M.


.....
Dodit


.....
Yanuar


.....
Istiono

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNJ

WO/FML No. : 035 - SNJ/111/2023

PRE - INSPECTION	
Location	TMH
Date	1 April 2023
Cycle	2927
Filed Barometric	29.921
OAT	33
Altitude	180

POST - INSPECTION	
Location	TMH
Date	2 April 2023
Cycle	2927
Filed Barometric	29.921
OAT	27
Altitude	140

PRE - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1870
ITT	841 °C	843 °C
Ng	102.7 %	100.6 %
Wf	578	552
Oil Press		91 °C
Oil Temp		73 °C
Start Temp		640 °C

POST - INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1900
ITT	835 °C	831 °C
Ng	102.7 %	99.9 %
Wf	578	539
Oil Press		94 °C
Oil Temp		72 °C
Start Temp		670 °C

Engine Run Up Checks					
Inertial	☒	EPL	☒	OVG	☒
Stby Alt	☒	BOV	☒	Brake	☒
Randomn	☒				
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:

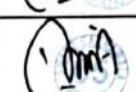
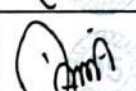
1. Make sure that inertial separator in normal condition, no bleed air extracted from the engine and air condition OFF.
2. This table only applies to altitude 0-500 feet MSL. For higher altitude, refer to EMM 72-00-00.
3. Max fuel flow is 580 lb/hr fuel flow is not more than 15 lbs/hr higher than the 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
PODIT.S		2 April 2023	TMH

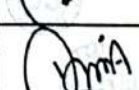
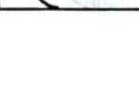
Reg. Mark : PK-SNJ
MSN : 208B5640
TSN / CSN : 1794 : 57 / 2927

Date : 1 April 2023
Station : TMH
WO No. : 035-SNJ / III / 2023

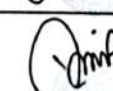
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
A110001	ALL	Interior and Exterior Placard and Decal Detailed Inspection Task 11-00-00-220		
D121001	121	Brake System Servicing Task 12-10-01-610		
D121003	710	Shimmy Damper Servicing Task 12-10-01-611		
C122101	700	Landing Gear Lubrication Task 12-21-03-640		
C122103	110	Hartzell Propeller Lubrication Task 12-21-04-640	N/A	N/A
B236001	343 375 376 571 671	Static Discharge System Functional Check Task 23-60-00-720		
B243401	122	Marathon Ni-Cad Battery Functional Check (CapCheck) Task 24-34-00-720	N/A	N/A
A255101	251 252 255 256 257 258	Cargo Nets Detailed Inspection Task 25-51-00-220		
C270001	215 216 226 373 374 503 525 603 625	Flight Controls Lubrication Task 27-00-00-640		
B273101	211 212 503	Stall Warning System Operational Check Task 27-31-00-710		
C275001	525 527 625 627	Flap Tracks and Rollers Lubrication Task 27-50-00-640		
B281001	575 675	Fuel Vent Line Float Valve Operational Check Task 28-10-03-710		
A281001	521 621	Fuel Filler Assembly Detailed Inspection Task 28-10-01-220		

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK - SNJ Date : 2 April 2023
 MSN : 208B5640 Station : TMH
 TSN / CSN : 179A : 57 / 2927 WO No. : 035-SNJ / 11/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII 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		

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
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>		
F731006	130	Do a check of the drain valve for installation and leaks NOTE: There is no need to remove the drain valve if there is no 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/Minor Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodit. Supriyanto	Engineer		4857
ARIE D. ARJUNA NAGACHAI	INTERN MECHANIC		-

Signature of Engineer



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

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 : TMH 2 April 2023

Sign & Stamp : 



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D09 – Engine PT6A-140 200 Hours Inspection

Reg. Mark : PK-SNJ Date : 2 April 2023
MSN : 208B5640 Station : TMH
TSN / CSN : 179A:57 / 2927 WO No. : 035-SNJ/III/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F793001	130	Do a visual inspection of the chip detector for debris.			
*** End of Engine PT6A-140 200 Hours Inspection Items ***					

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodil Supriyanto	Engineer		4857
ACE D. AQUA KASIH	INTER. 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 : Dodil Supriyanto Place/Date : TMH / 02 April 2023
Sign & Stamp :

MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D10 – Engine PT6A-140 200 Hours or 6 Months Inspection

Reg. Mark : PK-SNJ Date : 02 April 2023
 MSN : 208B5640 Station : TMH
 TSN/CSN : 179A:57 / 2927 WO No. : 035-SNJ / 111 / 2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
F793000	130	Do a visual inspection of the AGB internal scavenge oil pump inlet screen		
*** End of Engine PT6A- 140 200 Hours or 6 Months Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodit. Supriyanto	Engineer		4857
AGIE D. PRADANA	INTERM. 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 : TMH 02 April 2023
 Sign & Stamp : 

Appendix D12 – Engine PT6A-140 600 Hours Inspection

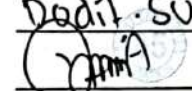
Reg. Mark	: PK-SNJ	Date	: 2 April 2023
MSN	: 208B5640	Station	: TMH
TSN / CSN	: 179A:57 / 2927	WO No.	: 035-SNJ/III/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F731005		Do a visual inspection of the fuel pump inlet screen.		
		NOTE: On new aircraft, check filter after each flight until no contamination is evident. Do a check after first flight or ground run whenever any component upstream of filter is replaced.		
F753001		Do a visual inspection of the compressor bleed valve.		
F793002		Do a functional check of the chip detector.		
*** End of Engine PT6A-140 600 Hours Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodit Supriyanto	Engineer		4837
ARIE O. ARJUNA NABABAN	INTERIM 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 : TMH 02 April 2023
 Sign & Stamp : 



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 01 April 2023	A/C REG : PK-SNJ	
A/C TYPE : C208B	CHECKER : 	SIGN : 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO1202-201	19080030021	May 2029	Serviceable
2	Co-Pilot Life Vest	PO1202-201	21071600005	May 2029	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 220	0721-2116	July 2023	Serviceable
14	Crash Axe Installed	NPN	NSN	-	Serviceable
15	Fire Extinguisher	C352	618292067	Sept 2023	Serviceable
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	FL 220	S3026-101	August 2023	Serviceable
OTHERS					

		INSPECTION CARD (Form: SCA/MTC/048)		TECHNICAL DEPARTMENT	
---	--	---	--	---------------------------------	--

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE	
IC - 001	035-SNJ-11/2023			1 April 2023	
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #		
PK-SNJ	C208B				
9. ZONE	10. STA	11. MTC TYPE			
L/6					

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
Brake bolt worn out.		1 April 2023

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
Replaced Brake bolt on L/H side 1 ea. due to worn out Performed at A/C TT: 1794:57 A/C TC/LDG: 2927			1/4/2023

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
BOH	103-14300	1	-	-	CLOSE	-

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS
Torque Wrench	TA-0250 / 181269153	September 2025	Service able



Additional Work Sheet
200Hrs A/F&600Hrs Eng. I

Parts Used Sheet

Aircraft Registration: PK-SNJ

WO# Nr.: WO/035-SN1/III/2023

Special Tool Used

[illegible]



Additional Work Sheet
200Hrs A/F&600Hrs Eng

Aircraft Registration: **PK-SNJ**

Parts Used Sheet

WO# Nr: WO/035-SNJ/III/2023

Part Used

[illegible]