



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection Document 06 & Add Task Due at 2200 FH	No.	WO/035-SNG/III/2022
	Date	14-Mar-2022
	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 Document 06 & Add Task Due at 2200 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.:  22 March 2022 (Engineer In Charge) Dodit Supriyanto	Signature (Technical Manager)



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

WO Ref: WO/035-SNG/III/2022

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B03	PT6A-140 ENGINE GROUND RUN PERFORMANCE	23/03/2022		Dodit S	
2	CHAPTER 06	INSPECTION DOCUMENT 0A	21/03/2022		Dodit S	
3	CHAPTER 12	INSPECTION DOCUMENT 06	22/03/2022		Dodit S	
4	CHAPTER 51	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	23/03/2022		Dodit S	
5	CHAPTER 52	ENGINE PT6A-140 200 HOUR INSPECTION	23/03/2022		Dodit S	
6	CHAPTER 53	ENGINE PT6A-140 200 HOUR / 6 MONTHS INSPECTION	23/03/2022		Dodit S	
7	SCA/MTC/ 023	EMERGENCY EQUIPMENT CHECK	23/03/2022		Dodit S	

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
14-Mar-2022	WO/035-SNG/III/2022	Inspection Doc. 06 & Add Task	23 March 2022.		
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	2191:23 / 3511		
	#2	-			
Propeller/Rotor	#1	190140	2191:23 / 3511		
	#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		Name/ Sign & Stamp
			Open	Close	
<u>IC-001</u>	035-SNG/III/2022	Replaced Attitude gyro stand by due to inop.	-	close	
<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

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PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE	: CESSNA 208B	TTSN	: 2191:23
A/C REG	: PK-SNG	TCSN	: 3511
MSN	: C208B-5543	DATE	: 23 March 2022

TYPE OF INSPECTION : INSPECTION DOCUMENT 06 & ADD TASK
 DUE AT : 2200 HOURS
 REFF : MP C208B REV. 10

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		23 March 2022
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100 Hrs .
 DUE AT : 2300 :00 Hrs .

Form: SCA/MTC/049

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

1. CARD#	2. JON/O#	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	025-SNG/m/2022			23 March 2022
6. AC REG/ASH	7. AC TYPE	8. TRADE	12. VENDOR ORDER#	
PK-SNG	C208B EX			
9. ZONE	10. STA	11. MTC TYPE		
Cockpit				

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
During turnup found Attitude Gyro standby inop.	-	23 March 2022

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG, LIC	DATE
Replaced Attitude Gyro standby part with serviceable part, Runup and opt check found Satisfactory C208B AMM - 3A-10-00-00 Performed at AC TT: 2107:55 AC TC/LDG: 3507	-		23 March 2022

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
Attitude Gyro Ind.	10149-015-15	1	T107001R	T107062R	Close	Open
23. TOOLS REQUIRED						
DESCRIPTION	PART NO./MODEL	NEXT CALIBRATION DATE	STATUS			

Appendix B03 – PT6A-140 Engine Run Performance Sheet

Reg. Mark

: PK-SNB

WO/FML No. : 035-SNB/11/2022

PRE – INSPECTION	
Location	MKG
Date	22 March 2022
Cycle	8507
Filed Barometric	29.921
OAT	32
Altitude	180

POST – INSPECTION	
Location	MKG
Date	23 March 2022
Cycle	8507
Filed Barometric	29.921
OAT	34
Altitude	200

PRE – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	841 °C	834 °C
Ng	102.7 %	100.9 %
Wf	578	561
Oil Press		92 °C
Oil Temp		67 °C
Start Temp		740 °C

POST – INSPECTION		
	Target	Actual
Tq	2397	2397
Np	1900	1890
ITT	841 °C	828 °C
Ng	102.6 %	100.5 %
Wf	578	559
Oil Press		92 °C
Oil Temp		63 °C
Start Temp		730 °C

Engine Run Up Checks							
Inertial	☒	EPL	☒	OVG	☒	Stby Alt	☒
BOV	☒	Brake	☒	Random	☒		
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.		6. High Idle at 64 - 66% Ng 40Amps	
2. Inertial Separator at Torque 400 ft-lbs.		4. Standby Alt at 80% Ng.					

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:

- Nil Noted -

PERFORMED BY			
Name	Sign & Stamp	Date	Location
Dodit Supriyanto		23 March 2022	MKG

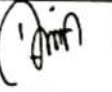
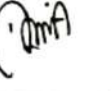
MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 6 – Inspection Document 0A

Reg. Mark : PK - SN6
MSN : 208B5543
TSN / CSN : 2187:55 / 3507

Date : 21 March 2022
Station : MKQ
WO No. : 035 / SN6 / 11/2022

TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
05-20-00-280	Aircraft Records Check		
12-10-01-610	Hydraulic Brake System Servicing		
24-33-00-720	Concord Sealed Lead Acid Battery Functional Check (Capacity Check) EPV Voltage : _____ Volt Result : _____ %		
25-10-00-220	Crew Seats Detailed Inspection		
25-10-00-710	Inertia Reel Operational Check		
27-10-00-721	Aileron System Functional Check Aileron Wing Cable Tension 40 ± 5 lbs (178 ± 22 N) @ 21°C (70°F) Ref. 27-10-00 Figure 602 Result : <u>43</u> lbs Aileron Fuselage Cable Tension 20 ± 5 lbs (89 ± 22 N) @ 21°C (70°F) Ref. 27-10-00 Figure 603 Result : <u>20</u> lbs Turn the control wheel so that the stop bolt touches the right bellcrank. Left aileron up travel must be 25 + 4 or 0 degrees. Result : <u>25</u> degrees Turn the control wheel so that the stop bolt touches the left bellcrank. Left aileron down travel must be 16 +1 or -0 degrees Result : <u>16</u> degrees		
27-50-00-220	Flap Actuator Mount Bracket Detailed Inspection		

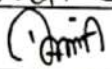
TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
27-50-00-221	Flap Bell Crank Detailed Inspection		
27-50-00-720	Flap System Functional Check Make sure that cable tension is 35 ± 5 lbs (156 $\pm$ 22 N) @ 21°C (70°F) Ref. 27-50-00 Figure 602 Result: <u>37</u> lbs		
32-20-00-220	Nose Landing Gear Detailed Inspection		
32-40-00-220	Brakes Detailed Inspection Brake Disc Thickness (minimum 0.537 inch) LH: <u>0,560</u> inch / RH: <u>0,568</u> inch Brake linings Thickness (minimum 0.100 inch) Outboard LH: <u>0,195</u> inch. Outboard RH: <u>0,206</u> inch Inboard LH: <u>0,210</u> inch. Inboard RH: <u>0,162</u> inch		
32-40-00-222	Main Landing Gear Wheels and Tires Detailed Inspection Tire Pressure (56 ± 5 psi for APE STOL Installed & 45 ± 5 psi for non-APE STOL) Tire Pressure LH: <u>60,0</u> psi Tire Pressure RH: <u>60,0</u> psi		
32-40-00-224	Nose Landing Gear Wheel and Tire Detailed Inspection Tire Pressure (36 ± 6 psi) Tire Pressure : <u>40,0</u> psi		
32-10-00-220	Main Landing Gear Detailed Inspection Free Play Check (maximum 0.014 inch / 0.3556 mm) LH: <u>0,08</u> inch / RH: <u>0,010</u> inch		
53-10-00-214	Empennage and Horizontal Stabilizer Zonal Inspection		
53-10-00-210	External Fuselage Zonal Inspection		
53-10-00-211	Internal Cockpit Zonal Inspection		
53-10-00-212	Internal Cabin Zonal Inspection		

TASK NUMBER	TASK	SIGNATURE	
		SIGN	STAMP
53-10-00-213	Internal Tail Cone Zonal Inspection		
57-10-00-210	Wing Zonal Inspection		
61-11-00-720	McCauley Propeller Functional Check		
71-20-00-220	Engine Mounts and Firewall Detailed Inspection		
71-00-01-210	Engine Compartment Zonal Inspection		
76-10-00-720	Engine Controls Functional Check Low Idle Ng (52% - 55%) Result: <u>55</u> % High Idle Ng (64% - 66%) Result: <u>64</u> %		

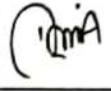
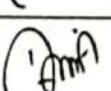
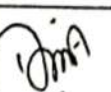
PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodit. Supriyanto	Engineer		

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 Stamp : 
 Signature :  Place/Date : MKA 21 March 2022

Reg. Mark	: <u>PK-SN6</u>	Date	: <u>22 March 2022</u>
MSN	: <u>208B 5543</u>	Station	: <u>MKG</u>
TSN / CSN	: <u>2191 : 23 / 3511</u>	WO No.	: <u>035-SN6/111/2022</u>

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			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		
B236001	343 375 376 571 671	Static Discharge System Functional Check Task 23-60-00-720		
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		
B301003	122 AUX	Bleed Air Pressure Regulator Functional Check (without TKS and not incorporating CAB93-2) Task 30-10-00-720		
B322001	710	Shimmy Damper Functional Check Task 32-20-02-720		

MAINTENANCE PROGRAM CESSNA C208/C208B

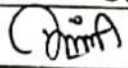
Chapter 12 – Inspection Document 06

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B341101	AUX	Pitot Tube Heaters Operational Check Task 34-11-00-710		
A353001	256	Oxygen Mask Detailed Inspection Task 35-30-00-220		
B761003	AUX	Emergency Power Lever Annunciator Light (EPL) Operational Check Task 76-10-01-710		
*** End of Inspection Document 06 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Dodit. Supriyanto	Engineer		

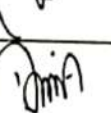
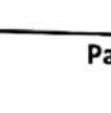
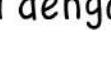
RETURN TO SERVICE

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.

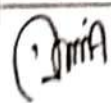
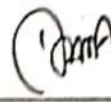
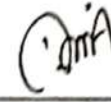
Name : Dodit. Supriyanto Stamp : 
Signature :  Place/Date : MKA 22 March 2022

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

Reg. Mark : PK - SN6 Date : 23 March 2022
 MSN : 208B5543 Station : MKQ
 TSN / CSN : 2191:43 / 3511 WO No. : 035 - SN6 / III / 2022

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: AN6235 - 3A P/N ON: AN6235 - 3A		

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

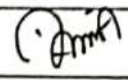
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
F731006	130	Do a check of the drain valve for installation and leaks		
F731007	130	Do a check of the flow divider for installation and leaks.		
F731008	130	Do a visual inspection of the P3 filter and drain valve.		
F731015	130	Do a visual inspection of Fuel Pump outlet filter. (CLEANING / REPLACEMENT) P/N OFF: <u>AN6235-3A</u> P/N ON: <u>AN6235-3A</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
Dodit. Supriyanto	Engineer		

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 Stamp : 

Signature :  Place/Date : MKG 23 March 2022

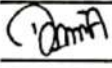
MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 52 – Engine PT6A-140 200 Hours Inspection

Reg. Mark : PK - SN 6 Date : 23 March 2022
MSN : 208B5543 Station : MKQ
TSN / CSN : 2191 : 23 / 3511 WO No. : 035 - SN 6 / 111 / 2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			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
Dodit. Supriyanto	Engineer		

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	Stamp	: 
Signature	: 	Place/Date	: MKQ 23 March 2022



MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 53 – Engine PT6A-140 200 Hours or 6 Months Inspection

Reg. Mark : PK-SN6 Date : 23 March 2022
MSN : 208B5543 Station : MKQ
TSN / CSN : 2191:23/3511 WO No. : 035-SN6/111/2022

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			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	Dodit.s		

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 Stamp :
Signature : Place/Date : MKQ 26/03/2022.

	EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR	PT. SMART CAKRAWALA AVIATION DEPARTMENT TEKNIK Form: SCA/MTC/023
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DATE : 23 March 2022	A/C REG : PK - SN6
A/C TYPE : C208B	CHECKER :  SIGN: 

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest	PO1202 - 201	19092030030	Jan 2029	Serviceable
2	Co-Pilot Life Vest	PO1202 - 201	19092030051	Jan 2029	Serviceable
3	Pax Life Vest	PO1202 - 201	21031090016	March 2030	Serviceable
4	Pax Life Vest	PO1202 - 201	21071600001	March 2030	Serviceable
5	Pax Life Vest	PO1202 - 201	19041660014	March 2028	Serviceable
6	Pax Life Vest	PO1202 - 201	21031090007	March 2030	Serviceable
7	Pax Life Vest	PO1202 - 201	19092030040	Jan 2029	Serviceable
8	Pax Life Vest	PO1202 - 201	21031090019	March 2030	Serviceable
9	Pax Life Vest	PO1202 - 201	21031090010	March 2030	Serviceable
10	Pax Life Vest	PO1202 - 201	21031090009	March 2030	Serviceable
11	Pax Life Vest	PO1202 - 201	21031090006	March 2030	Serviceable
12	Pax Life Vest	PO1202 - 201	1902030042	Jan 2029	Serviceable
13	First Aid Kit	-	SCA 001	Jun 2022	Serviceable
14	Crash Axe Installed	-	SCA 002	Jan 2023	Serviceable
15	Fire Extinguisher	C 252	F60589352	Sept 2022	Serviceable
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)				
OTHERS					
	Pax life vest	PO1202 - 201	19041660010	May 2022	Serviceable
	Pax life vest	PO1202 - 201	19041660019	April - 2022	Serviceable



Parts Used Sheet

PK-SNG

WO# Nr:

WO/035-SNG/III/2022

Part Used

[illegible]

