



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection Document 12 & Add Task Due at 3169 Hours.	No.	WO/064-SNK/XI/2021
	Date	01-Nov-2021
	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 :

1. Perform Inspection Document 12 & Add Task Due at 3169 Hours.
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.: SCA-03	Signature (Technical Manager)
	 19/NOV 2021 (Engineer In Charge)	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

A/C TYPE	: CESSNA 208	TTSN	: 3166118 Hrs
A/C REG	: PK-SNK	TCSN	: 4453
MSN	: C208-00658	DATE	: 17 NOV 2021

TYPE OF INSPECTION : INSPECTION DOCUMENT 12 & ADDITIONAL TASK

DUE AT : 3169 HOURS

REF : MP C208/ C208B Rev. 10

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
Sampurna H.	AIRFRAME & POWER PLANT	4870 / SCA-03		17 NOV 2021
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 100 Hrs

DUE AT : 3269:00 Hrs

Form: SCA/MTC/049



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

WO Ref: WO/064-SNK/XI/2021

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B02	PT6A-114A ENGINE GROUND RUN PERFORMANCE	13-17 NOV 2021		Sampurna	
2	CHAPTER 12	INSPECTION DOCUMENT 06	13-17 NOV 2021		Sampurna	
3	CHAPTER 13	INSPECTION DOCUMENT 07	13-17 NOV 2021		Sampurna	
4	CHAPTER 14	INSPECTION DOCUMENT 08	13-17 NOV 2021		Sampurna	
5	CHAPTER 15	INSPECTION DOCUMENT 09	13-17 NOV 2021		Sampurna	
6	CHAPTER 16	INSPECTION DOCUMENT 10	13-17 NOV 2021		Sampurna	
7	CHAPTER 17	INSPECTION DOCUMENT 11	13-17 NOV 2021		Sampurna	
8	CHAPTER 18	INSPECTION DOCUMENT 12	13-17 NOV 2021		Sampurna	
9	CHAPTER 32	INSPECTION DOCUMENT 26	13-17 NOV 2021		Sampurna	
10	CHAPTER 44	ENGINE PT6A-114A 100 HOURS/MINOR INSPECTION	13-17 NOV 2021		Sampurna	
11	CHAPTER 45	ENGINE PT6A-114A 200 HOURS INSPECTION	17/11/2021		Devan Pruthi	
12	CHAPTER 46	ENGINE PT6A-114A 200 HOURS / 6 MONTHS INSPECTION	13-17 NOV 2021		Devan Pruthi	
13	CHAPTER 47	ENGINE PT6A-114A 400 HOURS INSPECTION	13-17 NOV 2021		Sampurna	
14	37-10-00-960	VACUUM SYSTEM CENTRAL AIR FILTER REPLACEMENT (AAD9-18-1)	13-17 NOV 2021		Sampurna	

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
15	37-10-00- 961	VACUUM RELIEF VALVE FILTER REPLACEMENT (B3-5-1)	13-17 Nov 2021		Gaupvone	
16	Form SCA/MTC/0 23	EMERGENCY EQUIPMENT CHECKLIST				



MAINTENANCE PROGRAM CESSNA C208/C208B

Appendix B02 – PT6A-114A Engine Run Performance Sheet

Reg. Mark : PK - SNK

WO/FML No. : WO/064-SNA/X1/2021

PRE – INSPECTION	
Location	NBX
Date	13 NOV 2021
Cycle	4453
Filed Barometric	
OAT	34°C
Altitude	20 ft

POST – INSPECTION	
Location	NBX
Date	17 NOV 2021
Cycle	4453
Filed Barometric	
OAT	31°C
Altitude	20 ft

PRE – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	795 °C	753 °C
Ng	99.5 %	98.1 %
Wf	450	456
Oil Press		91 °C
Oil Temp		55 °C
Start Temp		751 °C

POST – INSPECTION		
	Target	Actual
Tq	1865	1865
Np	1900	1900
ITT	785 °C	753 °C
Ng	99.1 %	98.4 %
Wf	450	448
Oil Press		90 °C
Oil Temp		78 °C
Start Temp		699 °C

Engine Run Up Checks

Inertial ☒ EPL ☒ OVG ☒ Stby Alt ☒ BOV ☒ Brake ☒ Randon ☒

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:

PERFORMED BY

Name	Sign & Stamp	Date	Location



MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 12 – Inspection Document 06

Reg. Mark : PK - SNK
MSN : 20800658
TSN / CSN : 316618 / 4453

Date : 13-17 NOV 2021
Station : NBX
WO No. : WO/064-SNK/X1/2021

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 <i>LORD Shimmy Damper</i>	N/A	N/A
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 <i>NO NETS; SEAT RAIL & CARGO RAILS ONLY</i>		
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
Sampurna	Engineer		4870
Dennis	Engineer		967.
Fikriy T.	Mechanic		
Diter A.	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 : Sampurna H. Stamp :

Signature : Place/Date : NBX / 17 NOV 2021



MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 13 – Inspection Document 07

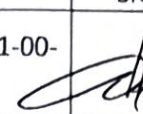
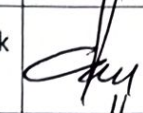
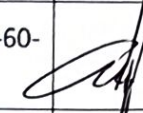
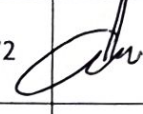
Reg. Mark : PK - SNK
MSN : 20800658
TSN / CSN : 3166118 / 4453

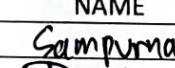
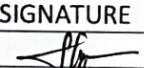
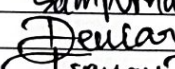
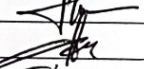
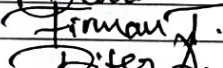
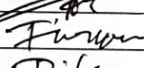
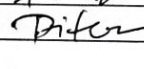
Date : 13-17 Nov 2021
Station : NBX
WO No. : WO/064-SNK/XI/2021

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
A243601	121	Standby Alternator Detailed Inspection Task 24-36-00-220		
B251001	221 232	Inertia Reel Operational Check Task 25-10-00-710		
B255201	901 902 903 904 905 906	Cargo Pod Drains Operational Check Task 25-52-00-710		
A261001	121 122	Engine Fire Detection System General Visual Inspection Task 26-10-00-210		
C271001	211 212 217 218 233 234 253 254 251 252 551 571 651 671	Aileron Trim System Lubrication Task 27-10-02-640		
B271005	551 571 651 671	Aileron Trim Tab (Free Play) Functional Check Task 27-10-02-720		
B273003	371 372 375 376	Elevator Trim Tab (Free Play) Functional Check Task 27-30-02-720		
D282101	130	Firewall Mounted Fuel Filter Servicing Task 28-21-00-610		
B282103	213 214 220	Firewall Fuel Shutoff Valve Control Operational Check Task 28-21-00-711		
C282301	231 232 511 611	Wing Shutoff Valve Linkage Lubrication Task 28-23-00-640		
B284101	ENG	Fuel Reservoir Warning System Operational Check Task 28-41-00-710		
B301001	122 AUX	Bleed Air Pressure Regulator Functional Check (Airplanes with de-ice boots installed) Task 30-10-00-720		
A353003	256	Portable Oxygen Cylinder Detailed Inspection Task 35-30-00-221		

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 13 – Inspection Document 07

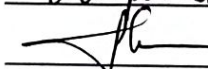
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B611101	110	McCauley Propeller Functional Check Task 61-11-00-720		
A712001	130	Engine Mounts and Firewall Detailed Inspection Task 71-20-00-220		
A716001	130	Inertial Air Separator Detailed Inspection Task 71-60-00-220		
B761001	130 211 212 ENG	Engine Controls Functional Check Task 76-10-00-72		
A801001	130	Starter-Generator (Part Number 23081 Series only) Detailed Inspection Task 80-10-00-220	N/A	N/A
*** End of Inspection Document 07 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
	Engineer		4870
	Engineer		9657
	Mechanic		
	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 : Sampurna H Stamp : 

Signature :  Place/Date : NBX / 17 NOV 2021



MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 14 – Inspection Document 08

Reg. Mark : PK - SNK
MSN : 20800658
TSN / CSN : 3166:18 / 4453

Date : 13-17 NOV 2021
Station : NBX
WO No. : WO/064-SNK/X1/2021

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B215001	121 122	Compressor Drive Belt Functional Check Task 21-50-00-720		
A322001	710	Nose Landing Gear Detailed Inspection Task 32-20-00-220		
*** End of Inspection Document 08 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Sampurna	Engineer		4870
Deniar	Engineer		987.
Imman T.	Mechanic		
Peter A.	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.

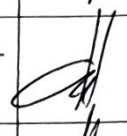
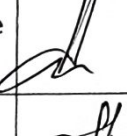
Name : Sampurna H. Stamp :
Signature : Place/Date : NBX / 17 NOV 2021

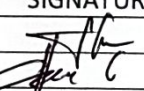
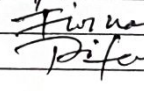
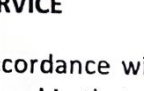
MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 15 – Inspection Document 09

Reg. Mark : PK - SNK
MSN : 20800658
TSN / CSN : 3166:18/4453

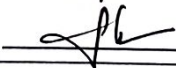
Date : 13-17 NOV 2021
Station : NBx
WO No. : WO/064-SNK/X1/2021

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B212401	211 212	Avionics Cooling Fan Operational Check Task 21-24-00-710		
B221201	226 232	Garmin Autopilot (GFC 700) Functional Check Task 22-12-00-720		
B221203	226 232	Garmin Autopilot (GFC 700) Slip Clutch Override Operational Check Task 22-12-00-710		
C273030	213 214	Elevator Bellcrank Lubrication <u>Task 12-21-02-640</u>		
A275001	231 232	Flap Actuator Mount Bracket Detailed Inspection Task 27-50-00-220		
A275003	251 252 511 611 525 625	Flap Bellcrank Detailed Inspection Task 27-50-00-221		
*** End of Inspection Document 09 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>Sampurna</u>	<u>Engineer</u>		<u>4870</u>
<u>Deviar</u>	<u>Engineer</u>		<u>9679</u>
<u>Firman T.</u>	<u>Mechanic</u>		
<u>Peter A.</u>	<u>Mechanic</u>		

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 : Sampurna H. Stamp : 
Signature :  Place/Date : NBx / 17 NOV 2021



MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 16 – Inspection Document 10

Reg. Mark : PK - SNK
MSN : 20800658
TSN / CSN : 3166:18 / 4453

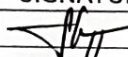
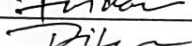
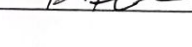
Date : 13-17 Nov 2021
Station : NBX
WO No. : WD/064 - SNK / X1 / 2021

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
C221201	226 232	Autopilot Servos Lubrication Task 22-12-00-640		
A245001	121 122	Power Distribution Boxes Detailed Inspection Task 24-50-00-220		
A251001	231 232	Crew Seats Detailed Inspection Task 25-10-00-220		
A251003	231 232	Passenger Seats Detailed Inspection Task 25-21-00-220		
B271001	211 212 217 218 233 234 253 254 251 252 503 525 603 625	Spoiler System Functional Check Task 27-10-00-720		
C271003 RII	551 571 651 671	Aileron Trim Tab Actuator (2660044-1) Lubrication Task 27-10-02-641	N/A	N/A
		RII Sign: RII Stamp:		
C273001 RII	371 372 375 376	Elevator Trim Tab Actuator (2660017-1) Lubrication Task 27-30-02-640	N/A	N/A
		RII Sign: RII Stamp:		
B284103	AUX	Fuel Quantity and Low Fuel Warning Systems Functional Check Task 28-41-00-720		
B313103	312	Flight Data Recorder Underwater Locator Beacon Functional Check Task 31-31-00-721	N/A	N/A
B324001	ENG	Brakes Operational Check Task 32-40-00-710		

MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 16 – Inspection Document 10

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B332001	AUX	Passenger/Cargo Compartment Lighting Operational Check Task 33-20-00-710		
A520001	801 802	Crew Doors Detailed Inspection Task 52-00-00-220		
A520003	255 256 257 258 803 804	Passenger/Cargo Doors and Door Frames Detailed Inspection Task 52-00-00-221		
A781001	130	Primary and Secondary Exhaust Duct General Visual Inspection Task 78-10-00-211		
*** End of Inspection Document 10 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Sampurna	Engineer		4870
Devian	Engineer		9657
Firman T.	Mechanic		
Peter A.	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 : Sampurna H Stamp : 

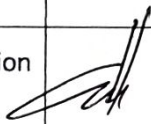
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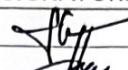
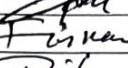
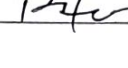
MAINTENANCE PROGRAM CESSNA C208/C208B

Chapter 17 – Inspection Document 11

Reg. Mark : PK - SNK
MSN : 20800658
TSN / CSN : 316618 / 4453

Date : 13-17 Nov 2021
Station : NBx
WO No. : WO/064-SNK/X1/2021

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			SIGN	STAMP
B271003	211 212 217 218 233 234 253 254 251 252 503 525 603 625	Aileron System Functional Check Task 27-10-00-721		
C272001	211 212 213 214	Rudder Bar Bearings and Rudder Pedals Lubrication Task 27-20-00-640		
B272001	211 212 213 214 217 218 233 234 253 254 257 258 311 312 320 341	Rudder System Functional Check (Standard Rudder Installation) Task 27-20-00-720		
A273000	373 374	Left and Right Elevator Torque Tube Attach Points (Borescope) Special Detailed Inspection Task 27-30-00-290		
B273001	211 212 213 214 217 218 233 234 253 254 257 258 311 312 320 373 374 375 376	Elevator System Functional Check Task 27-30-00-720		
B275001	251 252 511 611 525 625	Flap System Functional Check Task 27-50-00-720		
B277001	330	Rudder Gust Lock Detailed Inspection (Airplanes 20800237 and On, Airplanes 208B0382 and On and Airplanes equipped with Aero Twin STC SA3649NM) Task 27-70-01-221		
*** End of Inspection Document 11 Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
Sampurna	Engineer		4870
Deniar	Engineer		9687
Firman T.	Mechanic		
Piter A.	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 : Sampurna H. Stamp : 

Signature :  Place/Date : NSBx / 17 Nov 2021