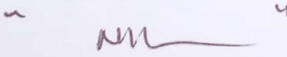
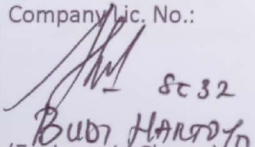
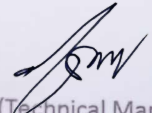




PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : 200 Hours A/F & Add. Eng. Task Inspection	No.	WO/059-SNH/X/2023
	Date	24 Oct 2023
	A/C Reg.	PK-SNH C208B-5587
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 200 HoursA/F and Additional Task 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.:  8532 Budi Harsono (Engineer In Charge) 26/10/2023	Signature  (Technical Manager)

Appendix B - Form: SCA/MTC/030

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

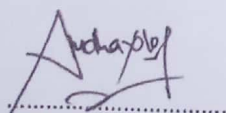
DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED	
24 Oct 2023	WO/059-SNH/X/2023	200 Hours&Add.Task		
A/C Type		Mfg. Serial Number	A/C Registration	
C208B		C208B-5587	PK-SNH	
AIRCRAFT DATA				
Subject	Pos #	Serial Number (SN)	TTSN/TCSN	
Engine	#1	PCE-VA0662	4193:33/6058	
	#2	-		
Propeller/Rotor	#1	210140	4193:33/6058	
	#2	-		
Landing Gear	NLG		4193:33/6058	
	LH MLG		4193:33/6058	
	RH MLG		4193:33/6058	
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	1		
6	Escalation form	-		
7	CRS (SMI / Unscheduled Maintenance)	1		
INSPECTION CARD (IC) LIST (Finding during maintenance)				
No	Taskcard Ref	Subject	Status Open Close	Name/ Sign & Stamp
<u>IC-001</u>				
<u>IC-002</u>				
<u>IC-003</u>				

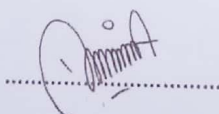
Prepared by :
Technical Support

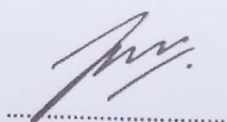
Checked by :
Chief Maintenance

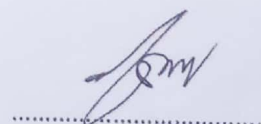
Verified by :
Chief Inspector

Approved by :
Technical Manager











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

WO Ref: WO/059-SNH/X/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	B08	PT6A-140 ENGINE GROUND RUN PERFORMANCE	26/10/2023		Budi H	32
2	APPENDIX D08	ENGINE PT6A-140 100 HOUR INSPECTION/ MINOR INSPECTION	26/10/2023		Budi H	32
3	APPENDIX D09	ENGINE PT6A-140 200 HOURS/6 MONTHS INSPECTION	26/10/2023		Budi H	32
4	APPENDIX D10	ENGINE PT6A-140 200 HOURS INSPECTION	26/10/2023		Budi H	32
5	APPENDIX C03	200 HRS/12 MTHS INSPECTION	26/10/2023		Budi H	32
6	SCA/MTC/023	EMERGENCY EQUIPMENT CHECK	26/10/2023		Budi H	32

Appendix B - Form: SCA/MTC/048



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

WO/FML No. : WO 1059-SNH/K/2023

Reg. Mark

: PK-SNH

PRE – INSPECTION	
Location	
Date	
Cycle	
Filed Barometric	
OAT	
Altitude	

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

POST – INSPECTION	
Location	<u>PALANSAHAYA</u>
Date	<u>26/10/2023</u>
Cycle	
Filed Barometric	<u>29.92</u>
OAT	<u>28° C</u>
Altitude	<u>100 ft</u>

POST – INSPECTION		
	Target	Actual
Tq	<u>2397</u>	<u>2397</u>
Np	<u>1900</u>	<u>1900</u>
ITT	<u>837 °C</u>	<u>825 °C</u>
Ng	<u>102.7 %</u>	<u>100.1 %</u>
Wf	<u>578</u>	<u>560</u>
Oil Press		<u>60 °C</u>
Oil Temp		<u>96 °C</u>
Start Temp		<u>672 °C</u>

Engine Run Up Checks

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

NOTE:

1. Brake system at Torque 2000 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 55.5 - 57% 40Amps.
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

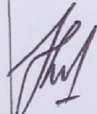
Note:

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:

PERFORMANCE ENGINE GROUND
RUN FOUND SATISFACTORY

PERFORMED BY

Name	Sign & Stamp	Date	Location
Budi		<u>27/10/2023</u>	<u>PKY</u>

Issued: 01, Rev. 01
SCA/TEK/1-001
11 September 2023

Page B08.1



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE : CESSNA 208B

TTSN : 4193:33

A/C REG : PK-SNH

TCSN : 6058

MSN : C208B-5587

DATE : 26/10/2023

TYPE OF INSPECTION : 200 HOURS & ADDITIONAL TASK INSPECTION

DUE AT : 4200 HOURS

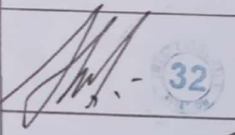
REFF : MAINTENANCE PROGRAM ISSUED 01 REV. 01

EXCEPTION

"NO 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
BUDI HARTOYO	AIRFRAME & POWER PLANT	9506/SCA32		26/10/2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : 400 Hours.

DUE AT : 4300:00 Hours.

Form: SCA/MTC/049



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix C03 – 200 Hours/12 Months Inspection

Reg. Mark : PK - 8NH
MSN : C208B-5587
TSN / CSN : 4193-33/6058

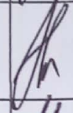
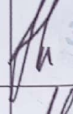
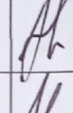
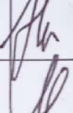
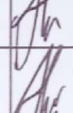
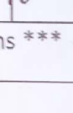
Date : 26/10/2023
Station : PALANGKA RAYA
WO No. : WO/019-8NH/X/2023

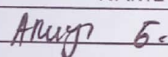
ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
A110001	ALL	Interior and Exterior Placard and Decal Detailed Inspection Task 11-00-00-220		
D121001	121	Brake System Servicing Task 12-10-01-610		
D121003	710	Shimmy Damper Servicing Task 12-10-01-611		
C122101	700	Landing Gear 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 /-721 for Saft ni-cad if installed	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		



MAINTENANCE PROGRAM CESSNA 208/208B

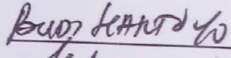
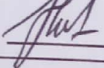
Appendix C03 – 200 Hours/12 Months Inspection

ITEM CODE NO.	ZONE	TASK	SIGNATURE	
			ENGINEER SIGN&STAMP	RII SIGN&STAMP
C275001	525 527 625 627	Flap Tracks and Rollers Lubrication Task 27-50-00-640	 32	
B281001	575 675	Fuel Vent Line Float Valve Operational Check Task 28-10-03-710	 32	
A281001	521 621	Fuel Filler Assembly Detailed Inspection Task 28-10-01-220	 32	
B301003	122 AUX	Bleed Air Pressure Regulator Functional Check (without TKS and not incorporating CAB93-2) Task 30-10-00-720	 32	
B322001	710	Shimmy Damper Functional Check Task 32-20-02-720	 32	
B341101	AUX	Pitot Tube Heaters Operational Check Task 34-11-00-710	 32	
A353001	256	Oxygen Mask Detailed Inspection Task 35-30-00-220	 32	
B761003	AUX	Emergency Power Lever Annunciator Light (EPL) Operational Check Task 76-10-01-710	 32	
*** End of Inspection 200 Hours/12 Months Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
 5-	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 :  Place/Date : PKY- 26/10/2023
Sign & Stamp : 



MAINTENANCE PROGRAM CESSNA 208/208B

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

Reg. Mark : PK -
MSN : C208B-5587
TSN / CSN : 4193-33/6058

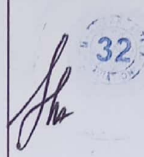
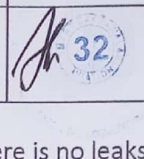
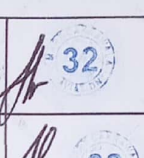
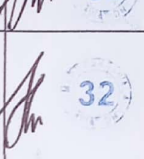
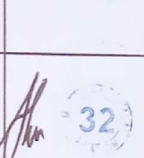
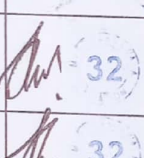
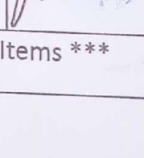
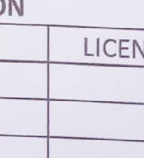
Date : 26/10/2023
Station : PKY
WO No. : WO/059-SNH/K/2023

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		



MAINTENANCE PROGRAM **CESSNA 208/208B**

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
<u>Amir G.</u>	<u>ENGINEER</u>		

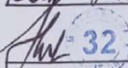


MAINTENANCE PROGRAM CESSNA 208/208B

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.

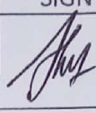
Name : Budi KARYO Place/Date : 26/10/2023.
Sign & Stamp :  32



MAINTENANCE PROGRAM CESSNA 208/208B

Appendix D09 – Engine PT6A-140 200 Hours Inspection

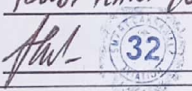
Reg. Mark : PK - _____ Date : 26/10/2023
MSN : C208B-5587 Station : PRY
TSN / CSN : 4193.33/6058 WO No. : WO/059-SNH/X/2023

ITEM CODE NO.	ZONE	TASK	SIGNATURE		DATE
			SIGN	STAMP	
F793001	130	Do a visual inspection of the chip detector for debris.			<u>26/10/2023</u>
*** End of Engine PT6A-140 200 Hours Inspection Items ***					

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<u>Prup' G.</u>	<u>ENGINEER</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 : Bubu Leonardo Place/Date : PRY. 26.10.2023
Sign & Stamp : 



MAINTENANCE PROGRAM CESSNA 208/208B

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

Reg. Mark : PK -
MSN : C208B-5087
TSN / CSN : 4193:33/6088
Date : 26/10/2023
Station : PKY
WO No. : WD/053-8MH/X/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	 <i>AmL</i>	
*** End of Engine PT6A- 140 200 Hours or 6 Months Inspection Items ***				

PERSONNEL PARTICIPATING IN THIS INSPECTION			
NAME	POSITION	SIGNATURE	LICENSE NUMBER
<i>Burn Hartoy</i>	<i>ENGINEER</i>		

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 : *Burn Hartoy* Place/Date : *PKY. 26.10.2023*
Sign & Stamp : *AmL* 



WO# Nr: WO/059-SNH/X/2023

Tool Used Sheet

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