



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 100 Hours / Annual and Add Task Insp. Due at 700 FH.	No.	WO/034-PK-SNE/VIII/2023
	Date	23 August 2023
	A/C Reg.	PK-SNE MSN 1017
Reference : MP Pilatus PC-6 Issued 01. Rev. 00	Prepared By	TS
	Checked By	CI
	Approved By	TM

To : Engineer In Charge

Description :

1. Perform Inspection 100 Hours / Annual and Add Task Insp. Due at 700 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 :

-NIL-

Compliance Statement	Sign & Date 04-SEP-2023	Signature  (Technical Manager)
	Company Lic. No.: SCA. 009.  (Engineer In Charge) FERRY HERMAWAN 	

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

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED		
23 AUGUST 2023	WO/034-SNE/VIII/2023	100H / Annual Inspection	06 - SEPT - 2023		
A/C Type		Mfg. Serial Number	A/C Registration		
PILATUS PORTER PC-6		1017	PK-SNE		
AIRCRAFT DATA					
Subject	Pos #	Serial Number (SN)	TTSN/TCSN		
Engine	#1	PCE-PG0568	708 : 15 / 980		
	#2	-			
Propeller/Rotor	#1	FY5100	708 : 15 / 980		
	#2	-			
Landing Gear	NLG		708 : 15 / 980		
	LH MLG		708 : 15 / 980		
	RH MLG		708 : 15 / 980		
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		Name/ Sign & Stamp
			Open	Close	
IC-001	WHEEL AND BRAKE INSPECTION	TAIL WHEEL TYRE FOUND SPOT / WORN OUT OF LIMITS		✓	
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



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Dwi M.

Checked by :
Chief Maintenance



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Dodit

Verified by :
Chief Inspector



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Yanuar

Approved by :
Technical Manager



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

WO Ref: WO/034-PK-SNE/VIII/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	APPENDIX	ENGINE GROUND RUN CHECK SHEET	06 / 2023 / SEPT'		FEBRI HERMAWAN	
2	APPENDIX	100 HOURS / ANNUAL INSPECTION - PILATUS	06 / 2023 / SEPT'		FEBRI HERMAWAN	
3	APPENDIX	FUEL INDICATING SYSTEM - ADJUSTMENT	05 / 2023 / SEPT'		FEBRI HERMAWAN	
4	APPENDIX	FUEL SYSTEM UNDERWING TANK INSPECTION TRANSFER PUMP FILTERS	05 / 2023 / SEPT'		FEBRI HERMAWAN	
5	APPENDIX	FUEL DISTRIBUTION SYSTEM - ADJUSTMENT TEST	05 / 2023 / SEPT'		FEBRI HERMAWAN	
6	APPENDIX	WHEEL AND BRAKES INSPECTION	04 / 2023 / SEPT'		FEBRI HERMAWAN	



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : PILATUS PORTER PC-6	TTSN : 708 : 15
A/C REG : PK-SNE	TCSN : 980
MSN : 1017	DATE : 06-SEP-2023

TYPE OF INSPECTION : 100 HOURS / ANNUAL INSPECTION
 DUE AT : 700 HOURS
 REFF : MP Pilatus PC-6 Issued 01. Rev. 00

EXCEPTION

-NIL-

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
FEBRI HERMAWAN	AIRFRAME & POWER PLANT	6445 / SCA 009.	 	06 / 2023
N/A	EIRA	N/A	N/A	SEPT'

THE NEXT DUE TYPE OF INSPECTION : 100. HOURS MAINTENANCE .

DUE AT : 800:00 FLIGHT HOURS.

Form: SCA/MTC/049

	ENGINE GROUND RUN CHECK SHEET - PT6A-27 ENGINE WITH FOUR BLADE PROPELLER (HARTZELL STC SA377CH)
	

WORK ORDER NO.		: WO/034-SNE/VIII/2023	
Aircraft Registration	PK-SNE	Aircraft Total Hours	708:15
Aircraft Serial No.	1017	Aircraft Total Landings	980
Engine Serial No.		Engine TSN / FSO	708:15
Propeller Serial No		Propeller TSN / FSO	708:15
Ambient Temp	°C	FBP (Field Barometric Pressure)	29.68 In.Hg
Date	06 SEPT 2023	Time	
Mechanic / Engineer		Authorized Engineer	FEBRI HERMAWAN
Reason For Ground Run		AFTER AIRCRAFT MAINTENANCE	

Checks to be carried out. No:	1 2 4 7 8 10 11 12 13 14 15 every 100 Hrs In additional check 9 in every interval 200 Hrs
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Engine Ground Run Check Frequency

Check Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Each 100 Hrs/ Annual	x	x		x			x	x		x	x	x	x	x	x
Each 200 Hrs									x						
Pre-Complete Overhaul	x	x	x	x		x	x	x	x	x	x	x	x	x	x
After Short Term Storage															x
After Long Term Storage	x	x	x	x		x	x	x	x	x	x	x	x	x	x

In additional the following check must be carried out after Installation, Repair and Adjustment of any of the following components.

Check Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Engine Installation	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Propeller Installation		x	x	x	x			x							
Fuel Control Unit	x				x	x	x	x		x	x				
HP Fuel Pump						x	x								
Fuel Nozzle						x	x								
Starting Flow Control	x				x		x	x							
Emer Fuel Control Actuator											x				
Prop Governor	x		x	x	x		x	x							
Prop Overspeed Governor									x						
Compressor Bleed Valve						x	x								
Engine Controls	x			x	x			x	x						
Low Pitch Warning Switch				x											

MAINTENANCE PROGRAM PILATUS PORTER PC6

Appendix – Engine Ground Run Check Sheet

NO.	CHECK	TARGET	ACTUAL
7 J	Engine Performance	Ref: AMM 71-00-00	
	Target Torque Pressure	41.0 psi	41.0 psi
	Fuel flow (Actual minus 23 lb / hr or 3.4 gal / hr)	47.5 usg / 320 lb / hr	51 usg / 341 lb / hr
	Target Ng	96 % Ng	94.3 % Ng
	Maximum ITT	710 °C	607 °C
8 J	Reverse Power Setting		
	Np	1880 - 1925 rpm (85.5 - 87.5 %)	1900 rpm
	Torque		24.5 psi
9	Propeller Overspeed Governor		
	Test Lever Selected to:		
	TEST	1880 - 1920 rpm (85.5 - 87.3 %)	1900 rpm
	NORMAL	1980 - 2000 rpm (90.0 - 90.9 %)	2000 rpm
10	Acceleration	64 % - 90 % Ng	2.5 - 4 secs
	Deceleration	85% to 60% Ng or low idle speed (Whichever comes first)	Maximum 6-12 sec (Dependent upon altitude)
			3 secs 4 altitude (kFt)
	Manual Override (MOR) (Aircraft with SB 164)		
	Use Toggle Switch In Small Increment (REF. to WARNINGS and CAUTIONS in Check 11)	Increase to 15% above Idle (Max Increase less than 4 % per Second)	✓ OK?
		Decrease To Idle (Max Decrease less Than 4% per Second)	✓ OK?
12	Oil Pressure	80 -100 psi	88 psi
13	Generator (Ref. 24-30-00)	Online by 60% Ng	0.1 % Ng
14	Suction (High Idle)	4.5 - 5.2 in. Hg	N/A in. Hg
15	Engine Rundown Time After Stop	MIN 30 secs	33 secs
Additional			
Generator Check (High Idle Under Load)		27.75 - 28.25 VDC	28.2 VDC
After Engine Run			
Check Eng. For Signs of Fuel/Oil/Air Leaks		NO LEAKS FOUND	✓ OK?
Safety All Screws, Bolts, Locknuts as Req.			✓ OK?



EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 05-SEPT- 2023

A/C REG : PK-SNE

**A/C TYPE : PILATUS PORTER
PC6**

CHECKER : FEBRI.H

SIGN:

[Signature]

No.	Description	P/N	S/N	Next Insp.	Remarks
1	Pilot Life Vest				
2	Co-Pilot Life Vest				
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	Firt Aid Kit	411082 0E	41110820E	OKT 2023	GOOD
14	Crash Axe Installed	-	-	O/C	GOOD
15	Fire Extinguisher	BA510152-53	120655	FEB 2024	SERVICEABLE
16	Life Raft (If Installed)				
17	Survival Kit (If Installed)	63026-101	182347	DECEMBER-2023	GOOD
OTHERS					
18	FLASH- LIGHT.	LOCAL	NSN	O/C	GOOD.



Additional Work Sheet

100 Hours / Annual Inspection

Aircraft Registration: **PK-SNE**

WO# Nr: **WO/034-SNE/VIII/2023**

Parts Used Sheet

Part Used

[illegible]



Additional Work Sheet

100 Hours / Annual Inspection

Aircraft Registration: **PK-SNE**

WO# Nr: **WO/034-SNE/VIII/2023**

Parts Used Sheet

Special Tool Used

[illegible]



INSPECTION CARD (Form: SCA/MTC/048)

TECHNICAL
DEPARTMENT

1. CARD #	2. JOWO #	3. ORIGINATOR	4. CARD REF	5. DATE
IC-001	WO/034-SNE/III/2023	-	WHEEL AND BRAKE INSPECTION	04-SEPT-2023
6. A/C REGMSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNE	PCG-B2/H4	AIRFRAME		
9. ZONE	10. STA	11. MTC TYPE		
-	MALINAU.	PART REPLACEMENT.		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14	15
	PPC/ENG	DATE
TAIL WHEEL TYRE FOUND SPOT / WORN OUT OF LIMITS.	FEBRI. HERMAWAN Feb.	04/2023 SEP.

16. CORRECTIVE ACTION	17	18	19
	MECH	ENG. LIC	DATE
PERFORMED REPLACED TAIL WHEEL TYRE WITH THE NEW ONE, DO OPERATIONAL CHECK TAIL WHEEL STEERING SYSTEM WORKING GOOD & SATISFY. REF. AMM32-71-11 & BERINGER MANUAL Performed at A/C TT: 708:15 A/C TC/LDG: 980		Feb. 	04/2023 SEP.

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
TYRE	504061-2.	1 EA	128000 25	83522029	✓	
INNER TUBE	959.6181.121.	1 EA	NSN	NSN.	✓	
23. TOOLS REQUIRED						
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE		STATUS		
TORQUE WRENCH	QJR 217 D.	- AUG - 2024.		OK.		
		03-OCT-2023.				