



**PT. SMART CAKRAWALA AVIATION**

**WORK ORDER**

**Form: SCA/MTC/030**

Subject :	No.	WO/031-PK-SNE/VII/2023
<b>Inspection 0 – 29 Days Depreservation</b>	Date	18 Jul 2023
	A/C Reg.	PK-SNE MSN 1017
Reference :	Prepared By	TS
MP Pilatus PC-6 Issued 01. Rev. 00	Checked By	CI
	Approved By	TM

To : Engineer In Charge

**Description :**

1. Perform Inspection 0 – 29 Days Aircraft Depreservation.
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.:  (Engineer In Charge)	Signature  (Technical Manager)
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**AIRCRAFT CHECK WORK SUMMARY**  
(Form: SCA/MTC/051)

DATE OF ISSUED	JO/WO #	TYPE OF MAINTENANCE	DATE OF ACCOMPLISHED
18 JUL 2023	WO/031-PK-SNE/VII/2023	0 – 29 Days Depreservation	
A/C Type		Mfg. Serial Number	A/C Registration
PILATUS PORTER PC-6		1017	PK-SNE
<b>AIRCRAFT DATA</b>			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PG0568	
	#2	-	
Propeller/Rotor	#1	FY5100	
	#2	-	
Landing Gear	NLG		
	LH MLG		
	RH MLG		

**PACKAGE COVERED**

No	Subject	Qty	Remark
1	Non-Routine Card	1	
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	
<u>IC-001</u>					
<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



Dwi M.

Checked by :  
Chief Maintenance



Dodit

Verified by :  
Chief Inspector



Yanuar

Approved by :  
Technical Manager



Istiono



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

WO Ref: WO/031-PK-SNE/VII/2023

NO.	TASK CARD NO.	DESCRIPTION	DATE	EST MHR	NAME	STAMP
1	NRC#001	0 – 29 DAYS DEPRESERVATION				



PT. SMART CAKRAWALA AVIATION

# CERTIFICATE RETURN TO SERVICE

## SCHEDULED MAINTENANCE INSPECTION

### (CRS-SMI)

A/C TYPE	: PILATUS PORTER PC-6			TTSN	:
A/C REG	: PK-SNE			TCSN	:
MSN	: 1017			DATE	:
TYPE OF INSPECTION	: 0 – 29 Days Depreservation				
DUE AT	:				
REFF	: MP Pilatus PC-6 Issued 01. Rev. 00				
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
	AIRFRAME & POWER PLANT				
	EIRA				
THE NEXT DUE TYPE OF INSPECTION :					
DUE AT :					



**NON ROUTINE CARD**  
(Form: SCA/MTC/047)

1. JO/WO #	2. DATE	3. MTC TYPE	4. A/C REG/MSN
WO/031-PK-SNE/VII/2023	18 JUL 2023	INSPECTION	PK-SNE/1017
5. CARD #	6. ATA SPEC	7. TRADE	8. STA
01	10		
9. ZONE	10. PANEL	-	

11. DESCRIPTION

PERFORM 0 – 29 DAYS AIRCRAFT DEPRESERVATION

REFERENCE	<input type="checkbox"/> Engine Maintenance Manual	<input checked="" type="checkbox"/> AMM Ch 10-30-00	<input type="checkbox"/> OTHER
RII (*)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	MHR :

12. RESULT	MECH	ENG	INSP (*)				
Performed at A/C TT : ..... A/C TC /LDG : .....							
FINDING	<input type="checkbox"/> Y	<input type="checkbox"/> N	ACT MHR :	DATE/TIME (DD/MM/YY)			
INSPECTION CARD (IC) #							

13. PARTS REQUIRED

DESCRIPTION	PART NO	QTY	REMARK	
			STOCK	STATUS

14. TOOLS REQUIRED

DESCRIPTION	PART NO / MODEL	NEXT CALIBRATION DATE	STATUS

**PILATUS**  
**PC-6**  
**MAINTENANCE MANUAL**

**RETURN TO SERVICE - MAINTENANCE PRACTICES**

**1. General**

This topic gives details of the procedures required to return an aircraft to service after storage.

**2. Procedure**

**A. Aircraft stored for up to 90 days**

- (1) Remove all mooring equipment (Ref. 10-20-00, Page Block 201).
- (2) Remove all covers, propeller restraint, static grounding and wheel chocks.
- (3) Install the battery (Ref. 24-32-11, Page Block 401).
- (4) If the aircraft has been stored for more than 7 days:
  - (a) Remove the dessicant from each exhaust stub.
- (5) If the aircraft has been stored for more than 28 days:
  - (a) Deprescribe the engine fuel system (Ref. P&WC EMM 72-00-00).

**B. Aircraft stored for more than 90 days**

- (1) Remove all mooring equipment (Ref. 10-20-00, Page Block 201).
- (2) Remove all covers, propeller restraint, static grounding and wheel chocks.
- (3) Remove the aircraft from jacks (Ref. 07-10-00, Page Block 201).
- (4) Install the battery (Ref. 24-32-11, Page Block 401).
- (5) Fill the engine oil system (Ref. 12-10-03, Page Block 301).
- (6) Deprescribe the engine fuel system (Ref. P&WC EMM 72-00-00).

**EFFECTIVITY:** All

**10-30-00**

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Jul 30/15



**INSPECTION CARD**  
(Form: SCA/MTC/048)

TECHNICAL  
DEPARTMENT

1. CARD #	2. JO/WO #	3. ORIGINATOR	4. CARD REF	5. DATE
	WO/031-PK-SNE/VII/2023			
6. A/C REG/MSN	7. A/C TYPE	8. TRADE	12. VENDOR ORDER #	
PK-SNE / 1017	Pilatus			
9. ZONE	10. STA	11. MTC TYPE		

13. DESCRIPTION/DEFECT-IF FINDING OF CPCP INSPECTION, PLEASE COMPLETE SET. 20	14 PPC/ENG	15 DATE

16. CORRECTIVE ACTION	17 MECH	18 ENG. LIC	19 DATE
Performed at A/C TT : ..... A/C TC /LDG : .....			
20. CORROSION INFORMATION			
LOCATION	CAUSE OF DAMAGE		
	<input type="checkbox"/> Environment		
	<input type="checkbox"/> Internal Leakage		
CORROSION <input type="checkbox"/> Isolated <input type="checkbox"/> Widespread	<input type="checkbox"/> Chemical Spill		
CORROSION LVL <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> LAV/Galley Spill		
PROPOSED ACTION <input type="checkbox"/> Doublers	<input type="checkbox"/> Blocked Drain		
	<input type="checkbox"/> Others	<input type="checkbox"/> Wet Insulation Blanket	
		<input type="checkbox"/> 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

23. TOOLS REQUIRED			
DESCRIPTION	PART NO. / MODEL	NEXT CALIBRATION DATE	STATUS



# MAINTENANCE PROGRAM PILATUS PORTER PC6

## Appendix – Engine Ground Run Check Sheet

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

<b>WORK ORDER NO.</b>		: WO/031-PK-SNE/VII/2023	
Aircraft Registration	PK-SNE	Aircraft Total Hours	
Aircraft Serial No.	1017	Aircraft Total Landings	
Engine Serial No.		Engine TSN / TSO	
Propeller Serial No		Propeller TSN / TSO	
Ambient Temp	°C	FBP (Field Barometric Pressure)	In.Hg
Date		Time	
Mechanic / Engineer		Authorized Engineer	
Reason For Ground Run			

<b>Checks to be carried out. No:</b>	1 2 4 7 8 10 11 12 13 14 15 every 100 Hrs
	In additional check 9 in every interval 200 Hrs

### 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

Suction Components										x	
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Use this sheet's to record engine run result, use in conjunction with task cards.

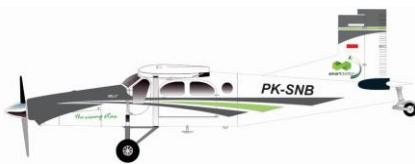
NO.	CHECK	TARGET	ACTUAL
	<b>ENGINE START</b> ITT (Troubleshoot If More Than 925°C) Cabin Heat	Max. 1090 °C OFF	°C OK?
1	Low Idle (Minimum Governing) Speed Fuel Pressure / Boost Pump OFF ITT Oil Pressure Oil Temperature	51 - 53 % Ng Light out or 25 ± 5 psi	% Ng OK? °C psi °C
2	Propeller Governor Maximum Np Py Disconnected Py Connected Difference Airbleed Link at Minimum Aircraft with SB 161: Propeller Control Lever at Minimum	1980 - 2000 rpm (90.0 - 90.9 %) % Ng % Ng % Ng 1900 - 1950 rpm (86.4 - 88.6 %) 1880 - 1900 rpm (85.5 - 86.4 %)	rpm rpm rpm
3	Propeller Fine Pitch Setting (High Idle) Target Torque Power Lever to Give Np Basic High Idle		psi rpm % Ng
4	Propeller Low Pitch Warning PCL from Reverse to Detent	Light OFF 1 to 2 mm before Detent	mm
5	Minimum Pitch in Flight Ng Np Torque	67 - 73 % 1800 - 1950 rpm (81.8 - 88.6 %) 4 - 7 psi	% Ng rpm psi
6	FCU Maximum Governing Speed (Ng) (Trim stop deployed)	97.1 % Ng	% Ng



# MAINTENANCE PROGRAM PILATUS PORTER PC6

## Appendix – Engine Ground Run Check Sheet

NO.	CHECK	TARGET	ACTUAL
7	<b>Engine Performance</b> Target Torque Pressure Fuel flow (Actual minus 23 lb / hr or 3.4 gal / hr) Target Ng Maximum ITT	Ref: AMM 71-00-00     psi lb / hr % Ng 0C	psi lb / hr % Ng 0C
8	<b>Reverse Power Setting</b>  Np Torque	1880 - 1925 rpm (85.5 - 87.5 %)  psi	rpm psi
9	<b>Propeller Overspeed Governor</b>  Test Lever Selected to:  TEST NORMAL	  1880 - 1920 rpm (85.5 - 87.3 %)  1980 - 2000 rpm (90.0 - 90.9 %)	 rpm rpm
10	<b>Acceleration</b>  64 % – 90 % Ng  <b>Deceleration</b>  85% to 60% Ng or low idle speed(Whichever comes first)	  2.5 – 4 secs   Maximum 6-12 sec  (Dependent upon altitude)	 secs  secs  altitude (kFt)
	<b>Manual Override (MOR)</b> (Aircraft with SB 164)  Use Toggle Switch In Small Increment (REF. to <b>WARNINGS</b> and <b>CAUTIONS</b> in Check 11)	  Increase to 15% above Idle (Max Increase less than 4 % per Second)  Decrease To Idle (Max Decrease less Than 4% per Second)	 OK?  OK?
12	<b>Oil Pressure</b>	80 -100 psi	psi
13	<b>Generator (Ref. 24-30-00)</b>	Online by 60% Ng	% Ng
14	<b>Suction (High Idle)</b>	4.5 – 5.2 in. Hg	in. Hg
15	<b>Engine Rundown Time After Stop</b>	MIN 30 secs	secs
<b>Additional</b>			
<b>Generator Check (High Idle Under Load)</b>		27.75 – 28.25 VDC	VDC
<b>After Engine Run</b>			
<b>Check Eng. For Signs of Fuel/Oil/Air Leaks</b>		NO LEAKS FOUND	OK?
<b>Safety All Screws, Bolts, Locknuts as Req.</b>			OK?



Aircraft Registration: **PK-SNE**

WO# Nr: **WO/031-PK-SNE/VII/2023**

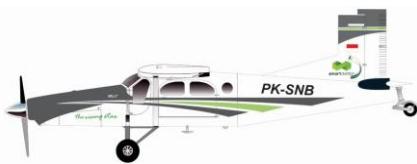


## **Additional Work Sheet**

### **100 Hours / Annual Inspection**

## Parts Used Sheet

## Material Used



Aircraft Registration: **PK-SNE**

WO# Nr: **WO/031-PK-SNE/VII/2023**



## **Additional Work Sheet**

### **100 Hours / Annual Inspection**

## Parts Used Sheet

## Special Tool Used