



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

Subject : Inspection 0 – 29 Days Depreservation	No.	WO/031-PK-SNE/VII/2023
	Date	18 Jul 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 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 <i>0-29 DAYS DEPRESERVATION %</i>	Sign & Date Company Lic. No.: (Engineer In Charge)   18. Jul. 2023	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	18 - July - 2023
A/C Type PILATUS PORTER PC-6		Mfg. Serial Number 1017	A/C Registration PK-SNE
AIRCRAFT DATA			
Subject	Pos #	Serial Number (SN)	TTSN/TCSN
Engine	#1	PCE-PG0568	543:27 / 763
	#2	-	
Propeller/Rotor	#1	FY5100	543:27 / 763
	#2	-	
Landing Gear	TAIL MLG		543:27 / 763
	LH MLG		543:27 / 763
	RH MLG		543:27 / 763

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



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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	18/07/23		Am	



PT. SMART CAKRAWALA AVIATION

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

A/C TYPE	: PILATUS PORTER PC-6	TTSN	: 543:27
A/C REG	: PK-SNE	TCSN	: 763
MSN	: 1017	DATE	: 18-JULY- 2023

TYPE OF INSPECTION	: 0 - 29 Days Depreservation
DUE AT	:
REF	: MP Pilatus PC-6 Issued 01. Rev. 00

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
M. Ann Andika	AIRFRAME & POWER PLANT	9633 /SCA 23	 	18-JUL- 2023
	EIRA			

THE NEXT DUE TYPE OF INSPECTION : -

DUE AT : -

Form: SCA/MTC/049



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

O-29 DAYS AIRCRAFT DEPRESTATION CARRIED OUT

MECH	ENG	INSP (*)
		

13 PARTS REQUIRED

14. TOOLS REQUIRED

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).



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
NOTICE OF INSPECTOR			DATE

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

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

WORK ORDER NO.		: WO/031-PK-SNE/VII/2023	
Aircraft Registration	PK-SNE	Aircraft Total Hours	543:27
Aircraft Serial No.	1017	Aircraft Total Landings	763.
Engine Serial No.		Engine TSN / TSO	543:27 / -
Propeller Serial No		Propeller TSN / TSO	543:27 / -
Ambient Temp	°C	FBP (Field Barometric Pressure)	29:97. In.Hg
Date	18-JULY-2023	Time	16:30. LT.
Mechanic / Engineer	AZIZ ANDIKA	Authorized Engineer	FERRI HERMANAWI
Reason For Ground Run	AFTER SHORT TERM STORAGE		

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

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											

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
	ENGINE START		
	ITT (Troubleshoot If More Than 925°C)	Max. 1090 °C	577 °C
	Cabin Heat	OFF	✓ OK?
1	Low Idle (Minimum Governing) Speed	51 - 53 % Ng	% Ng
	Fuel Pressure / Boost Pump OFF	Light out or 25 ± 5 psi	OK?
	ITT		°C
	Oil Pressure		88 psi
	Oil Temperature		61 °C
2	Propeller Governor		
	Maximum Np	1980 - 2000 rpm (90.0 - 90.9 %)	rpm
	Pv Disconnected		% Ng
	Pv Connected		% Ng
	Difference	Maximum 0.3% Ng	%
	Airbleed Link at Minimum	1900 - 1950 rpm (86.4 - 88.6 %)	rpm
	Aircraft with SB 161:		
	Propeller Control Lever at Minimum	1880 - 1900 rpm (85.5 - 86.4 %)	rpm
3	Propeller Fine Pitch Setting (High Idle)		
	Target Torque		psi
	Power Lever to Give Np	1694 rpm (77 %)	rpm
	Basic High Idle	68 - 72% Ng	% Ng
4	Propeller Low Pitch Warning		
	PCL from Reverse to Detent	Light OFF	
		1 to 2 mm before Detent	1 mm
5	Minimum Pitch in Flight		
	Ng	67 - 73 %	% Ng
	Np	1800 - 1950 rpm (81.8 - 88.6 %)	rpm
	Torque	4 - 7 psi	psi
6	FCU Maximum Governing Speed (Ng)	97.1 % Ng	% Ng
	(Trim stop deployed)		



MAINTENANCE PROGRAM

PILATUS PORTER PC6

Appendix – Engine Ground Run Check Sheet

NO.	CHECK	TARGET	ACTUAL
7	Engine Performance	Ref: AMM 71-00-00	
	Target Torque Pressure	psi	40.9 psi
	Fuel flow (Actual minus 23 lb / hr or 3.4 gal / hr)	lb / hr	51.6PH lb/hr
	Target Ng	% Ng	94.3 % Ng
	Maximum ITT	°C	610 °C
8	Reverse Power Setting		
	Np	1880 - 1925 rpm (85.5 - 87.5 %)	rpm
	Torque	psi	psi
9	Propeller Overspeed Governor		
	Test Lever Selected to:		
	TEST	1880 - 1920 rpm (85.5 - 87.3 %)	rpm
	NORMAL	1980 - 2000 rpm (90.0 - 90.9 %)	rpm
10	Acceleration		
	64 % – 90 % Ng	2.5 – 4 secs	secs
	Deceleration		
	85% to 60% Ng or low idle speed(Whichever comes first)	Maximum 6-12 sec (Dependent upon altitude)	secs 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) Decrease To Idle (Max Decrease less Than 4% per Second)	OK? OK?
12	Oil Pressure	80 -100 psi	88 psi
13	Generator (Ref. 24-30-00)	Online by 60% Ng	% Ng
14	Suction (High Idle)	4.5 – 5.2 in. Hg	in. Hg
15	Engine Rundown Time After Stop	MIN 30 secs	40 secs
	Additional		
	Generator Check (High Idle Under Load)	27.75 – 28.25 VDC	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?



Additional Work Sheet
100 Hours / Annual Inspection

Aircraft Registration: **PK-SNE**

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

Parts Used Sheet

Material Used



Additional Work Sheet

100 Hours / Annual Inspection

Aircraft Registration: **PK-SNE**

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

Parts Used Sheet

Special Tool Used