



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) |
|---|---|----------------------------------|

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 | | 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 | 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



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 | 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 (*) |
|------|-----|--|
| | |  |

Performed at A/C II: 543:27 A/C TC/LDG: 963

| | | | | | | |
|------------------------|----------------------------|----------------------------|----------|-------------------------|----|----|
| Performed at A/C 11 | | A/C TC /LDG | | DATE/TIME (DD/MM/YY) | | |
| FINDING | <input type="checkbox"/> Y | <input type="checkbox"/> N | ACT MHR: | | | |
| INSPECTION CARD (IC) # | | | | 18 | 07 | 23 |

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) | |
| | PILATUS | |

| | | | |
|-----------------------|--------------------------|---------------------------------|-----------------|
| 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 | |
|--------------------|--|--|--|--|--|--|--|--|--|---|--|

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