



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

| | | |
|--|-------------|-------------------|
| Subject : | No. | WO/032-SNO/X/2023 |
| 100 Hours Inspection | Date | 23 Oct 2023 |
| | A/C Reg. | PK-SNO C208B-2375 |
| Reference : | Prepared By | TS |
| Maintenance Program C208/208B Issued 01 Rev. 01 | Checked By | CI |
| | Approved By | TM |

To : Engineer In Charge

Description :

1. Perform 100 Hours 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.: | Signature |
| |  (Engineer In Charge) |  (Technical Manager) |

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

| DATE OF ISSUED | JO/WO # | TYPE OF MAINTENANCE | DATE OF ACCOMPLISHED |
|----------------------|-------------------|----------------------|----------------------|
| 23 Oct 2023 | WO/032-SNO/X/2023 | 100 Hours Inspection | 29 OCT 2023 |
| A/C Type | | Mfg. Serial Number | A/C Registration |
| C208B | | C208B-2375 | PK-SNO |
| AIRCRAFT DATA | | | |
| Subject | Pos # | Serial Number (SN) | TTSN/TCSN |
| Engine | #1 | PCE-PC1937 | 1089 : 96 / 1484 |
| | #2 | - | |
| Propeller/Rotor | #1 | 111120 | 3125 : 43 / 10147 |
| | #2 | - | |
| Landing Gear | NLG | | 7281 : 09 / 10147 |
| | LH MLG | | 7281 : 09 / 10147 |
| | RH MLG | | 7281 : 09 / 10147 |

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)

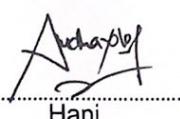
| No | Taskcard Ref | Subject | Status | | Name/ Sign & Stamp |
|--------|--------------|---------|--------|-------|-----------------------|
| | | | Open | Close | |
| IC-001 | | | | | |
| IC-002 | | | | | |
| IC-003 | | | | | |

Prepared by :
Technical Support

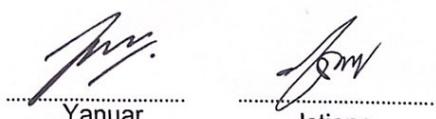
Checked by :
Chief Maintenance

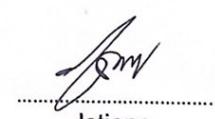
Verified by :
Chief Inspector

Approved by :
Technical Manager


Hani


Dodit


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

WO Ref: WO/032-SNO/X/2023

| NO. | TASK CARD NO. | DESCRIPTION | DATE | EST MHR | NAME | STAMP |
|-----|---------------|------------------------------------|------------|---------|---------|-------|
| 1 | APPENDIX B07 | PT6A-114A ENGINE GROUND RUN | 24.10.2023 | | Dodit.s | |
| 2 | APPENDIX D01 | PT6A-114A 100 HRS/MINOR INSPECTION | 24.10.2023 | | Dodit.s | |
| 3 | SCA/MTC/023 | EMERGENCY EQUIPMENT CHECKLIST | 24.10.2023 | | Dodit.s | |



PT. SMART CAKRAWALA AVIATION

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

| | | | |
|----------|---------------|------|---------------|
| A/C TYPE | : CESSNA 208B | TTSN | : 7281:09 |
| A/C REG | : PK-SNO | TCSN | : 10147 |
| MSN | : C208B-2375 | DATE | : 24 Oct 2024 |

| | |
|--------------------|---|
| TYPE OF INSPECTION | : 100 HOURS INSPECTION |
| DUE AT | : 7288:00 HOURS |
| REF | : MAINTENANCE PROGRAM ISSUED 01 REV. 01 |
| EXCEPTION | - NIL Noted - |

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 |
|---------------------------------|------------------------|---------------|------------|-------------|
| Dodit. Supriyanto | AIRFRAME & POWER PLANT | 4857 / SCH 05 | | 24 Oct 2023 |
| | EIRA | | | |
| THE NEXT DUE TYPE OF INSPECTION | : 200 HRS | | | |
| DUE AT | : 7388 :00 | | | |
| Form: SCA/MTC/049 | | | | |



INSPECTION CARD
(Form: SCA/MTC/ 048)

TECHNICAL DEPARTMENT

| | | | | |
|----------------|-------------|---------------|--------------------|---------|
| 1. CARD # | 2. JO/WO # | 3. ORIGINATOR | 4. CARD REF | 5. DATE |
| | | | | |
| 6. A/C REG/MSN | 7. A/C TYPE | 8. TRADE | 12. VENDOR ORDER # | |
| | | | | |
| 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 | 18 | 19 |
|---|------|----------|------|
| | MECH | ENG. LIC | DATE |
| Performed at A/C TT : A/C TC /LDG : | | | |

Performed at A/C TT : A/C TC /LDG :

20. CORROSION INFORMATION

| 20. CORROSION INFORMATION | | CAUSE OF DAMAGE | | |
|---------------------------|--|--|--|--|
| LOCATION | | <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"/> Others | <input type="checkbox"/> Blocked Drain <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

| E. TOOLS REQUIRED | | | |
|-------------------|-----------------|-----------------------|--------|
| DESCRIPTION | PART NO./ MODEL | NEXT CALIBRATION DATE | STATUS |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



MAINTENANCE PROGRAM
CESSNA 208/208B

Appendix B07 – PT6A-114A Engine Run Performance Sheet

Reg. Mark

: PK-SNO

WO/FML No. : 32-SNO/1X/2023

| PRE – INSPECTION | |
|------------------|-------------|
| Location | NABIRE |
| Date | 23 OCT 2023 |
| Cycle | |
| Filed Barometric | 29,921 |
| OAT | 29 °C |
| Altitude | 120 |

| POST – INSPECTION | |
|-------------------|-------------|
| Location | NABIRE |
| Date | 29 OCT 2023 |
| Cycle | |
| Filed Barometric | 29,921 |
| OAT | 27 °C |
| Altitude | 120 |

| PRE – INSPECTION | | |
|------------------|--------|--------|
| | Target | Actual |
| Tq | 1865 | 1865 |
| Np | 1900 | 1889 |
| ITT | 778 °C | 791 °C |
| Ng | 99.0 % | 98.9 % |
| Wf | 450 | 462 |
| Oil Press | | 97 °C |
| Oil Temp | | 59 °C |
| Start Temp | | 731 °C |

| POST – INSPECTION | | |
|-------------------|--------|--------|
| | Target | Actual |
| Tq | 1865 | 1865 |
| Np | 1900 | 1890 |
| ITT | 772 °C | 720 °C |
| Ng | 98.5 % | 98.3 % |
| Wf | 450 | 461 |
| Oil Press | | 96 °C |
| Oil Temp | | 56 °C |
| Start Temp | | 739 °C |

Engine Run Up Checks

Inertial EPL OVG Stby Alt BOV Brake Random

NOTE:

1. Brake system at Torque 1500 ft-lbs. 3. EPL check can't exceed 4% Ng per second. 5. Low idle at 52.5 – 53.5% 40Amps.
2. Inertial Separator at Torque 400 ft-lbs. 4. Standby Alt at 80% Ng. 6. High idle at 64 - 66% Ng 40Amps.

Engine Performance Target Table Cessna C208

| OAT (°C) | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| Tq (ft.lbs) | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 | 1865 |
| Np | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| ITT (°C) | 772 | 775 | 778 | 780 | 785 | 790 | 793 | 795 | 797 | 800 | 800 | 800 | 802 | 805 | 810 |
| Ng (%) | 98.5 | 98.5 | 99 | 99 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 100 | 100 | 100.2 | 100.5 | 100.7 | 100.9 |
| WF (PPH) | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 450 | 448 | 448 | 446 |

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 465 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:

- noted -

| PERFORMED BY | | | |
|--------------|--|------------|----------|
| Name | Sign & Stamp | Date | Location |
| Docid.s |  | 24.10.2023 | NBX |



MAINTENANCE PROGRAM
CESSNA 208/208B

Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

| | | | |
|-----------|---------------------|---------|-------------------|
| Reg. Mark | : PK - S NO | Date | : 24 October 2023 |
| MSN | : 208B2375 | Station | : NDX |
| TSN / CSN | : 7281 : 09 / 10147 | WO No. | : 32-5 NO/X/2023 |

| ITEM CODE NO. | ZONE | TASK | SIGNATURE | |
|---------------|------|---|---------------------|----------------|
| | | | ENGINEER SIGN&STAMP | RII SIGN&STAMP |
| E710001 | 130 | Do a check of the FCU manual override system for static operation. | | |
| E710003 | 130 | Do a compressor performance recovery wash. | | |
| E710004 | 130 | Inspect all accessible connections, clamps and brackets for attachment. Inspect accessible lockwire and safety cable for security and installation. | | |
| E710005 | 130 | Inspect of wear, chafing, cracks and corrosion for tubing, wiring, control linkage, hose assemblies. NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary. | | |
| E710006 | 130 | Examine linkages. Pay particular attention to rear linkage cam box, fuel control unit arm, telescopic rod and rod end fittings. Disconnect rod ends and clean using solvent (PWC11-027) or (PWC11-031). Lubricate with light grease (PWC04-001) after engine external wash. Examine rod end for corrosion, roughness in rotation, side play and radial play. After lubrication reinstall rod ends and torque to specified value (Ref 76-10-00). Check free movement of linkage. | | |
| E710007 | 130 | Inspect attachment and linkages, air, oil and fuel lines (Ref. 73-10-07/-08). NOTE: Visually inspect insulated air tubes for signs of swelling, cracking, bulging of rubber sheath material. Refer to repair section and SB1687. Replace as necessary. | | |
| E710011 | 130 | Performed Deceleration Check | | |
| E720001 | 130 | Do a visual inspection of the engine exhaust duct welds. | | |



MAINTENANCE PROGRAM
CESSNA 208/208B

Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

| ITEM CODE NO. | ZONE | TASK | SIGNATURE | |
|---------------|------|---|---------------------|----------------|
| | | | ENGINEER SIGN&STAMP | RII SIGN&STAMP |
| E720002 | 130 | Do a visual inspection of the engine exhaust duct for cracks. | | |
| E720003 | 130 | External surfaces, and fireseal mount ring brackets for cracks, distortion, and corrosion of gas generator case (Ref. 72-30-04). | | |
| E722001 | 130 | Do a visual inspection of the air inlet screen. | | |
| E722004 | 130 | Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02) | | |
| E723000 | 130 | Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion | | |
| E731002 | 130 | Do a visual inspection of the fuel pump (in-situ inspection only) for installation and leakage | | |
| E731003 | 130 | Check oil-to-fuel heater installation | | |
| E731014 | 130 | Check starting flow control/flow divider for installation and leaks. | | |
| E731015 | 130 | Check outlet filter for foreign matter or distortion (Ref. 73-10-02). (CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235-3A</u> P/N ON: <u>AN 62 35 - 3A</u> | | |
| E731006 | 130 | Check drain valve for installation and leaks | | |
| E731008 | 130 | Do a visual inspection of the P3 filter and drain valve. | | |
| E731018 | 130 | Clean or replace the P3 filter based on condition, service experience or environment. Note: If corosions are found, replace filter. | | |
| E732001 | 130 | Check FCU for installation, linkages and pneumatic tubes. | | |
| E732002 | 130 | Examine the FCU for bearing wash-out, shown by blue dye (grease and fuel mixed) at FCU vent. | | |



MAINTENANCE PROGRAM
CESSNA 208/208B

Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

| ITEM CODE NO. | ZONE | TASK | SIGNATURE | |
|---------------|------|--|---------------------|----------------|
| | | | ENGINEER SIGN&STAMP | RII SIGN&STAMP |
| E792002 | 130 | Oil filter elements and secondary screen (coarse hat-type screen attached to the inner end of the filter). | | |
| E792003 | 130 | Examine the forward oil transfer elbow installation on the Flange A. Make sure that the bolts tighten correctly | | |
| D282101 | 130 | Firewall Mounted Fuel Filter Servicing Task 28-21-00-610 | | |
| E722001 | 130 | Do a visual inspection of the air inlet screen. | | |
| E722004 | 130 | Cracks and attachment of brackets and seals of fireseal mount rings. (Ref. 72-30-01/-02) | | |
| E723000 | 130 | Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion | | |
| E731002 | 130 | Do a visual inspection of the fuel pump (in-situ inspection only) for installation and leakage | | |
| E731003 | 130 | Check oil-to-fuel heater installation | | |
| E731014 | 130 | Check starting flow control/flow divider for installation and leaks. | | |
| E731015 | 130 | Check outlet filter for foreign matter or distortion (Ref. 73-10-02). (CLEANING / REPLACEMENT) P/N OFF: <u>AN 6235 - 3A</u> P/N ON: <u>AN 6235 - 2A</u> | | |
| E731006 | 130 | Check drain valve for installation and leaks | | |
| E731008 | 130 | Do a visual inspection of the P3 filter and drain valve. | | |
| E731018 | 130 | Clean or replace the P3 filter based on condition, service experience or environment. Note: If corosions are found, replace filter. | | |



MAINTENANCE PROGRAM
CESSNA 208/208B

Appendix D01 – Engine PT6A-114A 100 Hours/Minor Inspection

| ITEM CODE NO. | ZONE | TASK | SIGNATURE | |
|---------------|------|---|---------------------|----------------|
| | | | ENGINEER SIGN&STAMP | RII SIGN&STAMP |
| E732001 | 130 | Check FCU for installation, linkages and pneumatic tubes. | | |
| E732002 | 130 | Examine the FCU for bearing wash-out, shown by blue dye (grease and fuel mixed) at FCU vent. | | |
| E792002 | 130 | Oil filter elements and secondary screen (coarse hat-type screen attached to the inner end of the filter). | | |
| E792003 | 130 | Examine the forward oil transfer elbow installation on the Flange A. Make sure that the bolts tighten correctly | | |
| D282101 | 130 | Firewall Mounted Fuel Filter Servicing Task 28-21-00-610 | | |

*** End of Engine PT6A-114A 100 Hours/Minor Inspection Items ***

| PERSONNEL PARTICIPATING IN THIS INSPECTION | | | |
|--|----------|-----------|----------------|
| NAME | POSITION | SIGNATURE | LICENSE NUMBER |
| Dodit. Supriyanto | Engineer | | 4857 |
| BASRI | MECHANIC | | |
| ADITYA AR | MECHANIC | | |
| | | | |

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 considered fit for Release to Service.

Name : Dodit. Supriyanto Place/Date : Nbx 24 Oct 2023
Sign & Stamp :



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

| | |
|--------------------|--|
| DATE : 29 Oct 2023 | A/C REG : PK-SNO |
| A/C TYPE : C208B | CHECKER : BISHI SIGN: <i>[Signature]</i> |

| No. | Description | P/N | S/N | Next Insp. | Remarks |
|--------|-----------------------------|------------|-------------|-------------|-------------|
| 1 | Pilot Life Vest | P01202-201 | 22090940296 | SEPT 2024 | SERVICEABLE |
| 2 | Co-Pilot Life Vest | P01202-201 | 22090940268 | JULY 2024 | SERVICEABLE |
| 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 | FAX | NSN | 15 DEC 2023 | SERVICEABLE |
| 14 | Crash Axe Installed | NPN | NSN | % | GOOD |
| 15 | Fire Extinguisher | C352 | F75060951 | NOV 2023 | SERVICEABLE |
| 16 | Life Raft (If Installed) | | | | |
| 17 | Survival Kit (If Installed) | | | | |
| OTHERS | | | | | |
| 18. | FLASH LIGHT | NPN | NSN | % | GOOD |
| | | | | | |



Additional Work Sheet 100 HOURS

Aircraft Registration: **PK-SNO**

WO# Nr: WO/032-SNO/X/2023

Tool Used Sheet

| No. | Description | Due Date | Engineer |
|-----|-----------------------------|-----------------|--------------------|
| 1. | TOQUE WRENCH PIN - TA-0950 | SIN-1812697557 | NON 2023 (RGA) |
| 2. | PRESSURE GAUGE PIN - TIL 20 | SIN-18062607004 | SEPT 2024 (RGA) |
| 3. | MICRO METER PIN - 102 - 301 | SIN 66639717 | JAN 2025 (RGA) |
| 4. | Oil Puller PIN - PW 30556 | - | (RGA) |



Additional Work Sheet

100 HOURS

Aircraft Registration:

PK-SNO

WO# Nr: WO/032-SNO/X/2023



AIRCRAFT FLIGHT MAINTENANCE LOG