



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

| | | | |
|---|--|--------------------------------------|--------------------|
| Subject : Inspection 200 Hrs Engine | | No. | WO/038-SNI/VI/2023 |
| | | Date | 12 Jun 2023 |
| | | A/C Reg. | PK-SNI C208B-5068 |
| Reference : MP C208B ISSUED 01 | | Prepared By | TS |
| | | Checked By | CI |
| | | Approved By | TM |
| To : Engineer In Charge | | | |
| Description : <ol style="list-style-type: none">1. Perform Inspection 200 Hours Engine2. Make an entry in Maintenance Log.3. Return the Completed Work Order and Form to PPC. <p>#If any finding, please close the routine card, and transferred to inspection card.</p> | | | |
| Additional Work : | | | |
| Compliance Statement | Sign & Date Company Lic. No.: (Engineer In Charge) | Signature (Technical Manager) | |

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

| DATE OF ISSUED | JO/WO # | TYPE OF MAINTENANCE | DATE OF ACCOMPLISHED |
|----------------|---------------------|---------------------|----------------------|
| 12 Jun 2023 | WO/038-SNI/VII/2023 | Inspection 200 Hrs | |

| | | |
|----------|--------------------|------------------|
| A/C Type | Mfg. Serial Number | A/C Registration |
| C208B | C208B-5068 | PK-SNI |

AIRCRAFT DATA

| Subject | Pos # | Serial Number (SN) | TTSN/TCSN |
|-----------------|--------|--------------------|-----------|
| Engine | #1 | PCE-VA0802 | |
| | #2 | - | |
| Propeller/Rotor | #1 | 200707 | |
| | #2 | - | |
| Landing Gear | NLG | | |
| | LH MLG | | |
| | RH MLG | | |

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 | - | |
| 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>001</u> | | | | | |
| <u>008</u> | | | | | |
| <u>001</u> | | | | | |
| <u>010</u> | | | | | |
| <u>011</u> | | | | | |
| <u>011</u> | | | | | |
| <u>013</u> | | | | | |
| <u>011</u> | | | | | |
| <u>011</u> | | | | | |

Technical Support

Technical Support

Chief Maintenance

Chief Inspector

Appointed
Technical Manager

Dwi M.

Dodit

Yanuar

Istiono



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

WO Ref: WO/037-SNI/V/2023

| NO. | TASK CARD NO. | DESCRIPTION | DATE | EST MHR | NAME | STAMP |
|-----|---------------|--|------|---------|------|-------|
| 1 | APPENDIX B08 | PT6A-140 ENGINE GROUND RUN PERFORMANCE | | | | |
| 2 | APPENDIX D08 | ENGINE PT6A-140 100 HOUR INSPECTION | | | | |
| 3 | APPENDIX C03 | 200 HOURS/12 MTHS INSPECTION | | | | |
| 4 | SCA/MTC/023 | EMERGENCY EQUIPMENT CHECK | | | | |



PT. SMART CAKRAWALA AVIATION

CERTIFICATE RETURN TO SERVICE

SCHEDULED MAINTENANCE INSPECTION

(CRS-SMI)

| A/C TYPE | : CESSNA 208B | | | TTSN | : |
|---|------------------------|---|------------|------|------|
| A/C REG | : PK-SNI | | | TCSN | : |
| MSN | : C208B-5068 | | | DATE | : |
| TYPE OF INSPECTION | | : INSPECTION 200H/12M A/F & 100H ENGINE | | | |
| DUE AT | | : 8153:50 HOURS | | | |
| REFF | | : MP C208B ISSUED 01 | | | |
| 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 | | : | | | |



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

WO Ref: WO/038-SNI/VI/2023

| NO. | TASK CARD NO. | DESCRIPTION | DATE | EST MHR | NAME | STAMP |
|-----|---------------|--|------|---------|------|-------|
| 1 | B08 | PT6A-140 ENGINE GROUND RUN PERFORMANCE | | | | |
| 2 | APPENDIX D08 | ENGINE PT6A-140 100 HOUR / MINOR INSPECTION | | | | |
| 3 | APPENDIX D09 | ENGINE PT6A-140 200 HOUR INSPECTION | | | | |
| 4 | APPENDIX D10 | ENGINE PT6A-140 200 HOUR / 6 MTHS INSPECTION | | | | |
| 5 | SCA/MTC/023 | EMERGENCY EQUIPMENT CHECK | | | | |



MAINTENANCE PROGRAM

CESSNA 208/208B

Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK -

WO/FML No. :

| PRE – INSPECTION | |
|------------------|--|
| Location | |
| Date | |
| Cycle | |
| Filed Barometric | |
| OAT | |
| Altitude | |

| POST – INSPECTION | |
|-------------------|--|
| Location | |
| Date | |
| Cycle | |
| Filed Barometric | |
| OAT | |
| Altitude | |

| PRE – INSPECTION | | |
|------------------|--------|--------|
| | Target | Actual |
| Tq | | |
| Np | | |
| ITT | °C | °C |
| Ng | % | % |
| Wf | | |
| Oil Press | °C | °C |
| Oil Temp | °C | °C |
| Start Temp | °C | °C |

| POST – INSPECTION | | |
|-------------------|--------|--------|
| | Target | Actual |
| Tq | | |
| Np | | |
| ITT | °C | °C |
| Ng | % | % |
| Wf | | |
| Oil Press | °C | °C |
| Oil Temp | °C | °C |
| Start Temp | °C | °C |

| Engine Run Up Checks | | | | | | | | | | | | | |
|---|---|------------------------------------|--------------------------|-----|--------------------------|----------|--------------------------|-----|--------------------------|-------|--------------------------|---------|--------------------------|
| Inertial | <input type="checkbox"/> | EPL | <input type="checkbox"/> | OVG | <input type="checkbox"/> | Stby Alt | <input type="checkbox"/> | BOV | <input type="checkbox"/> | Brake | <input type="checkbox"/> | Randown | <input type="checkbox"/> |
| NOTE: | | | | | | | | | | | | | |
| 1. Brake system at Torque 2000 ft-lbs. | 3. EPL check can't exceed 4% Ng per second. | 5. Low idle at 55.5 - 57% 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 C208B EX)

| OAT (°C) | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Tq (ft.lbs) | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 | 2397 |
| Np | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| ITT (°C) | 835 | 837 | 839 | 841 | 841 | 841 | 841 | 841 | 841 | 842 | 843 | 844 | 846 | 846 | 846 |
| Ng (%) | 102.7 | 102.7 | 102.7 | 102.7 | 102.7 | 102.7 | 102.7 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.6 | 102.5 |
| WF (PPH) | 578 | 578 | 578 | 578 | 578 | 578 | 578 | 570 | 565 | 565 | 560 | 560 | 555 | 548 | 548 |

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 580 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:

| PERFORMED BY | | | |
|--------------|--------------|------|----------|
| Name | Sign & Stamp | Date | Location |
| | | | |



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 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 | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |



**EMERGENCY EQUIPMENT
LIST
INSPECTION & MONITOR**

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

| | | |
|--|-------------------------|--------------|
| DATE : | A/C REG : PK-SNI | |
| A/C TYPE : C208B Grand Caravan EX | CHECKER : | SIGN: |

| 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 | | | | |
| 14 | Crash Axe Installed | | | | |
| 15 | Fire Extinguisher | | | | |
| 16 | Life Raft (If Installed) | | | | |
| 17 | Survival Kit (If Installed) | | | | |
| OTHERS | | | | | |
| | | | | | |
| | | | | | |



Additional Work Sheet Inspection 200H/ & 100H Engine

Aircraft Registration: **PK-SNI**

WO# Nr: WO/038-SNI/VI/2023

Parts Used Sheet

Special Tool Used



Additional Work Sheet

Inspection 200H & 100H

Engine

Aircraft Registration: **PK-SNI**

WO# Nr: WO/038-SNI/VI/2023

Parts Used Sheet

Part Used