



PT. SMART CAKRAWALA AVIATION

## WORK ORDER

Form: SCA/MTC/030

|                                                                                                                                                                                                                                                                          |                                                                  |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------|
| Subject :<br><b>Inspection 800Hrs A/F &amp; 100Hrs Eng.</b>                                                                                                                                                                                                              | No.                                                              | WO/062-SNS/VIII/2023                                 |
|                                                                                                                                                                                                                                                                          | Date                                                             | 25 Aug 2023                                          |
|                                                                                                                                                                                                                                                                          | A/C Reg.                                                         | PK-SNS C208B-2341                                    |
| Reference :<br>MP C208B Issued 01                                                                                                                                                                                                                                        | Prepared By                                                      | TS                                                   |
|                                                                                                                                                                                                                                                                          | Checked By                                                       | CI                                                   |
|                                                                                                                                                                                                                                                                          | Approved By                                                      | TM                                                   |
| To : Engineer In Charge                                                                                                                                                                                                                                                  |                                                                  |                                                      |
| <b>Description :</b><br><br>1. Perform Inspection 800 Hrs A/F & 100 Hrs Engine<br>2. Make an entry in Maintenance Log.<br>3. Return the Completed Work Order and Form to PPC.<br><br>#If any finding, please close the routine card, and transferred to inspection card. |                                                                  |                                                      |
| <b>Additional Work :</b><br><br><br><br><br><br><br><br><br><br>                                                                                                                                                                                                         |                                                                  |                                                      |
| Compliance Statement                                                                                                                                                                                                                                                     | Sign & Date<br>Company Lic. No.:<br><br><br>(Engineer In Charge) | Signature<br><br><br><br><br><br>(Technical Manager) |

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

| DATE OF ISSUED                                                | JOWO #                              | TYPE OF MAINTENANCE                   | DATE OF ACCOMPLISHED |       |                       |
|---------------------------------------------------------------|-------------------------------------|---------------------------------------|----------------------|-------|-----------------------|
| 25 Aug 2023                                                   | WO/062-SNS/VIII/2023                | 800Hrs, Add.Airframe<br>& 100Hrs Eng. |                      |       |                       |
| A/C Type                                                      | Mfg. Serial Number                  | A/C Registration                      |                      |       |                       |
| C208B                                                         | C208B-2341                          | PK-SNS                                |                      |       |                       |
| <b>AIRCRAFT DATA</b>                                          |                                     |                                       |                      |       |                       |
| Subject                                                       | Pos #                               | Serial Number (SN)                    | TTSN/TCSN            |       |                       |
| Engine                                                        | #1                                  | PCE-PC1306                            |                      |       |                       |
|                                                               | #2                                  | -                                     |                      |       |                       |
| Propeller/Rotor                                               | #1                                  | 081043                                |                      |       |                       |
|                                                               | #2                                  | -                                     |                      |       |                       |
| Landing Gear                                                  | NLG                                 |                                       |                      |       |                       |
|                                                               | LH MLG                              |                                       |                      |       |                       |
|                                                               | RH MLG                              |                                       |                      |       |                       |
| <b>PACKAGE COVERED</b>                                        |                                     |                                       |                      |       |                       |
| No                                                            | Subject                             | Qty                                   | Remark               |       |                       |
| 1                                                             | Non-Routine Card                    | 2                                     |                      |       |                       |
| 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                                     |                      |       |                       |
| <b>INSPECTION CARD (IC) LIST (Finding during maintenance)</b> |                                     |                                       |                      |       |                       |
| No                                                            | Taskcard Ref                        | Subject                               | Status               |       | Name/<br>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>                                                 |                                     |                                       |                      |       |                       |

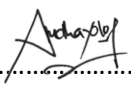
|               |  |  |  |  |  |
|---------------|--|--|--|--|--|
| <u>IC-007</u> |  |  |  |  |  |
| <u>IC-008</u> |  |  |  |  |  |
| <u>IC-009</u> |  |  |  |  |  |
| <u>IC-010</u> |  |  |  |  |  |
| <u>IC-011</u> |  |  |  |  |  |
| <u>IC-012</u> |  |  |  |  |  |
| <u>IC-013</u> |  |  |  |  |  |
| <u>IC-014</u> |  |  |  |  |  |
| <u>IC-015</u> |  |  |  |  |  |

Prepared by :  
Technical Support

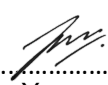
Checked by :  
Chief Maintenance

Verified by :  
Chief Inspector

Approved by :  
Technical Manager

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

WO Ref: WO/062-SNS/VIII/2023

| NO. | TASK CARD NO. | DESCRIPTION                            | DATE | EST MHR | NAME | STAMP |
|-----|---------------|----------------------------------------|------|---------|------|-------|
| 1   | APPENDIX D01  | PT6A-114A ENGINE GROUND RUN            |      |         |      |       |
| 2   | APPENDIX B07  | PT6A-114A 100HRS MINOR INSPECTION      |      |         |      |       |
| 3   | APPENDIX C06  | 800 HRS/24 MTHS INSPECTION             |      |         |      |       |
| 4   | APPENDIX C07  | 800 HRS/12 MTHS INSPECTION             |      |         |      |       |
| 5   | APPENDIX C04  | 400 HRS/24 MTHS INSPECTION             |      |         |      |       |
| 6   | APPENDIX C05  | 400 HRS/12 MTHS INSPECTION             |      |         |      |       |
| 7   | APPENDIX C03  | 200 HOURS/12 MTHS INSPECTION           |      |         |      |       |
| 8   | NRC-01        | VACUUM RELIEF VALVE FILTER REPLACEMENT |      |         |      |       |
| 9   | NRC-02        | CENTRAL AIR FILTER REPLACEMENT         |      |         |      |       |
| 10  | SCA/MTC/023   | EMERGENCY EQUIPMENT CHECKLIST          |      |         |      |       |



PT. SMART CAKRAWALA AVIATION

## CERTIFICATE RETURN TO SERVICE

### SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B

TTSN :

A/C REG : PK-SNS

TCSN :

MSN : C208B-2341

DATE :

TYPE OF INSPECTION : INSPECTION 800HRS, ADD A/F INSP.&100HRS ENGINE

DUE AT : 7178:42 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 &<br>POWER PLANT |             |            |      |
|      | EIRA                      |             |            |      |

THE NEXT DUE TYPE OF INSPECTION :

DUE AT : HOURS

**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/062-SNS/VIII/2023 |             | REPLACEMENT<br>COMPONENT | PK-SNS         |
| 5. CARD #            | 6. ATA SPEC | 7. TRADE                 | 8. STA         |
| #01                  | 37          |                          |                |
| 9. ZONE              | 10. PANEL   |                          |                |
|                      |             |                          |                |

|                                                                                     |                                                          |                                       |                                |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------|--------------------------------|
| 11. DESCRIPTION                                                                     |                                                          |                                       |                                |
| PERFORM VACUUM SYSTEM CENTRAL AIR FILTER REPLACEMENT<br>P/N: D9-18-1 / C294502-0201 |                                                          |                                       |                                |
| REFERENCE                                                                           | <input checked="" type="checkbox"/> AMM Ch. 37-10-00-960 | <input type="checkbox"/> EMM Ch       | <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<br>(DD/MM/YY) |
| INSPECTION CARD (IC) #                          |                            |                            |           |                         |

| 13. PARTS REQUIRED |                        |     |        |        |
|--------------------|------------------------|-----|--------|--------|
| DESCRIPTION        | PART NO                | QTY | REMARK |        |
|                    |                        |     | STOCK  | STATUS |
| FILTER ELEMENT     | D9-18-1 / C294502-0201 | 1   |        |        |
|                    |                        |     |        |        |
|                    |                        |     |        |        |
|                    |                        |     |        |        |
|                    |                        |     |        |        |
|                    |                        |     |        |        |

| 14. TOOLS REQUIRED |                 |                       |        |
|--------------------|-----------------|-----------------------|--------|
| DESCRIPTION        | PART NO / MODEL | NEXT CALIBRATION DATE | STATUS |
|                    |                 |                       |        |
|                    |                 |                       |        |
|                    |                 |                       |        |
|                    |                 |                       |        |
|                    |                 |                       |        |



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

|                      |             |                          |                |
|----------------------|-------------|--------------------------|----------------|
| 1. JO/WO #           | 2. DATE     | 3. MTC TYPE              | 4. A/C REG/MSN |
| WO/062-SNS/VIII/2023 |             | REPLACEMENT<br>COMPONENT | PK-SNS         |
| 5. CARD #            | 6. ATA SPEC | 7. TRADE                 | 8. STA         |
| #02                  | 37          |                          |                |
| 9. ZONE              | 10. PANEL   |                          |                |
|                      |             |                          |                |

|                                                                                            |                                                          |                                       |                                |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------|--------------------------------|
| 11. DESCRIPTION                                                                            |                                                          |                                       |                                |
| <b>PERFORM VACUUM RELIEF VALVE FILTER REPLACEMENT</b><br><b>P/N: B3-5-1 / C482001-0202</b> |                                                          |                                       |                                |
| REFERENCE                                                                                  | <input checked="" type="checkbox"/> AMM Ch. 37-10-00-961 | <input type="checkbox"/> EMM Ch       | <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<br>(DD/MM/YY) |
| INSPECTION CARD (IC) #                          |                            |                            |           |                         |

| 13. PARTS REQUIRED |                       |     |        |        |
|--------------------|-----------------------|-----|--------|--------|
| DESCRIPTION        | PART NO               | QTY | REMARK |        |
|                    |                       |     | STOCK  | STATUS |
| FILTER ELEMENT     | B3-5-1 / C482001-0202 | 1   |        |        |
|                    |                       |     |        |        |
|                    |                       |     |        |        |
|                    |                       |     |        |        |
|                    |                       |     |        |        |
|                    |                       |     |        |        |

| 14. TOOLS REQUIRED |                 |                       |        |
|--------------------|-----------------|-----------------------|--------|
| DESCRIPTION        | PART NO / MODEL | NEXT CALIBRATION DATE | STATUS |
|                    |                 |                       |        |
|                    |                 |                       |        |
|                    |                 |                       |        |
|                    |                 |                       |        |
|                    |                 |                       |        |

## VACUUM DISTRIBUTION - INSPECTION/CHECK

### 1. General

- A. This section has the inspections and checks necessary to keep the vacuum distribution system in a serviceable condition.

#### TASK 37-10-00-960

### 2. Vacuum System Central Air Filter Discard

**CAUTION:** Do not operate the vacuum system with the filter removed or a vacuum line disconnected. Dust and other foreign objects can enter the system and damage the vacuum operated instruments.

#### A. General

- (1) This task gives the instructions to discard the vacuum system central air filter.

#### B. Special Tools

- (1) None

#### C. Access

- (1) None

#### D. Discard the Vacuum System Central Air Filter.

- (1) Remove the vacuum system central air filter. Refer to Chapter 12, [Vacuum System Central Air Filter - Servicing](#).  
(a) Discard the filter.  
(2) Install a new vacuum system central air filter. Refer to Chapter 12, [Vacuum System Central Air Filter - Servicing](#).

#### E. Restore Access

- (1) None

#### END OF TASK

#### TASK 37-10-00-961

### 3. Vacuum Relief Valve Filter Discard

**CAUTION:** Do not operate the vacuum system with the filter removed or a vacuum line disconnected. Dust and other foreign objects can enter the system and damage the vacuum operated instruments.

#### A. General

- (1) This task gives the instructions to discard the vacuum relief valve filter.

#### B. Special Tools

- (1) None

#### C. Access

- (1) None

#### D. Discard the Vacuum Relief Valve Filter.

- (1) Get access to the relief valve behind the attitude gyro.  
(2) Carefully stretch the foam element filter over the top of the retaining bezel.  
(3) Remove the filter from the relief valve and discard it.  
(4) Stretch a new relief valve filter over the top of the retaining bezel.  
(5) Make sure that the filter is secure on the relief valve.

#### E. Restore Access

- (1) None

#### END OF TASK

## VACUUM SYSTEM CENTRAL AIR FILTER - SERVICING

### 1. General

A. The vacuum system central air filter keeps dust and dirt from entering the vacuum operated instruments.

**CAUTION:** Do not operate vacuum system with filter removed or vacuum line disconnected, as dust and other foreign matter may enter the system and damage the vacuum operated instruments.

B. Refer to [Chapter 5, Inspection Time Limits](#) for filter inspection intervals. Replace filter element when damaged and whenever it becomes sufficiently clogged to cause suction gage reading to drop below 4.5 inches Hg (mercury).

**CAUTION:** Smoking during system operation will cause premature filter clogging.

### 2. Servicing

A. Remove Air Filter (Refer to [Figure 301](#)).

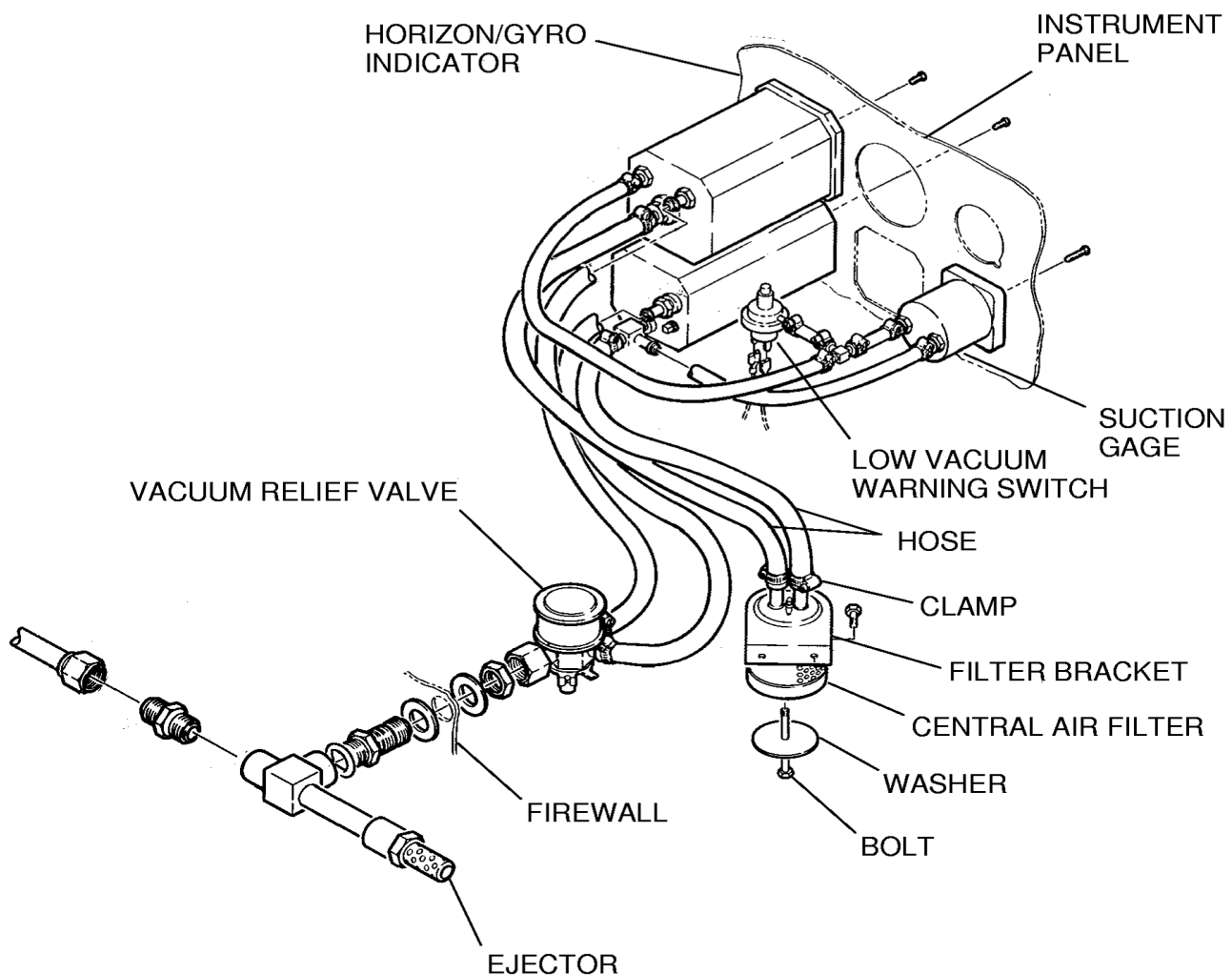
- (1) Unscrew bolt and washer from bottom of central air filter.
- (2) Remove central air filter from filter bracket.
- (3) Inspect for damage, deterioration and contamination. Clean or replace as required.

B. Install Air Filter (Refer to [Figure 301](#) ).

- (1) Seat central air filter up and into filter bracket.
- (2) Secure central air filter to filter bracket using bolt and washer.
- (3) Check central air filter for unobstructed flow. A properly functioning filter should allow a reading of at least 4.5 inches Hg (mercury) on the instrument panel suction gage.

Figure 301 : Sheet 1 : Vacuum System Central Air Filter Servicing

A22863



26141069



# MAINTENANCE PROGRAM CESSNA 208/208B

## Appendix B07 – PT6A-114A 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     |
| Oil Temp         |        | °C     |
| Start Temp       |        | °C     |

| POST – INSPECTION |        |        |
|-------------------|--------|--------|
|                   | Target | Actual |
| Tq                |        |        |
| Np                |        |        |
| ITT               | °C     | °C     |
| Ng                | %      | %      |
| Wf                |        |        |
| Oil Press         |        | °C     |
| Oil Temp          |        | °C     |
| Start Temp        |        | °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"/> | Randomn | <input type="checkbox"/> |
| <b>NOTE:</b>                                |                          |     |                          |                                             |                          |          |                          |                                     |                          |       |                          |         |                          |
| 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: |
|----------|

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



# **EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR**

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

|                         |                               |
|-------------------------|-------------------------------|
| <b>DATE :</b>           | <b>A/C REG : PK-SNS</b>       |
| <b>A/C TYPE : C208B</b> | <b>CHECKER :</b> <b>SIGN:</b> |

| 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) |     |     |            |         |
| <b>OTHERS</b> |                             |     |     |            |         |
|               |                             |     |     |            |         |
|               |                             |     |     |            |         |



WO# Nr: WO/062-SNS/VIII/2023

## Parts Used Sheet

1

### Special Tool Used

[illegible]



Aircraft Registration: **PK-SNS**

## Parts Used Sheet

4

[illegible]