



PT. SMART CAKRAWALA AVIATION

WORK ORDER

Form: SCA/MTC/030

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                               |                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Subject :<br>Inspection 100 Hours Engine Insp.                                                                                                                                                                                                                      | No.                                                                                                                                                                           | WO/035-SNA/IV/2023                                                                                                        |
|                                                                                                                                                                                                                                                                     | Date                                                                                                                                                                          | 6 April 2023                                                                                                              |
|                                                                                                                                                                                                                                                                     | A/C Reg. PK-SNA                                                                                                                                                               | C208B-5634                                                                                                                |
| 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 100 Hrs Engine @2100Hrs<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>- NIL -                                                                                                                                                                                                                             |                                                                                                                                                                               |                                                                                                                           |
| Compliance Statement                                                                                                                                                                                                                                                | Sign & Date<br>Company Lic. No.: SCA 021<br><br>210222. 05/04/2023<br>(Engineer In Charge) | Signature<br><br>(Technical Manager) |

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

|                                                               |                                     |                     |                      |       |                       |
|---------------------------------------------------------------|-------------------------------------|---------------------|----------------------|-------|-----------------------|
| DATE OF ISSUED                                                | JOWO #                              | TYPE OF MAINTENANCE | DATE OF ACCOMPLISHED |       |                       |
| 6 April 2023                                                  | WO/038-SNA/IV/2023                  | Inspection 100Hrs   | 16-04-2023           |       |                       |
| A/C Type                                                      |                                     | Mfg. Serial Number  | A/C Registration     |       |                       |
| C208B                                                         |                                     | C208B-5634          | PK-SNA               |       |                       |
| <b>AIRCRAFT DATA</b>                                          |                                     |                     |                      |       |                       |
| Subject                                                       | Pos #                               | Serial Number (SN)  | TTSN/TCSN            |       |                       |
| Engine                                                        | #1                                  | PCE-VA0730          | 2094:15/3234         |       |                       |
|                                                               | #2                                  | -                   |                      |       |                       |
| Propeller/Rotor                                               | #1                                  | 200483              | 2094:15/3234         |       |                       |
|                                                               | #2                                  | -                   |                      |       |                       |
| Landing Gear                                                  | NLG                                 |                     | 2094:15/3236         |       |                       |
|                                                               | LH MLG                              |                     | 2094:15/3234         |       |                       |
|                                                               | RH MLG                              |                     | 2094:15/3234         |       |                       |
| <b>PACKAGE COVERED</b>                                        |                                     |                     |                      |       |                       |
| No                                                            | Subject                             | Qty                 | Remark               |       |                       |
| 1                                                             | Non-Routine Card                    | -                   |                      |       |                       |
| 2                                                             | Inspection Card                     | -                   |                      |       |                       |
| 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>                                                 |                                     |                     |                      |       |                       |



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

WO Ref: WO/038-SNA/IV/2023

| NO. | TASK CARD NO. | DESCRIPTION                          | DATE          | EST MHR | NAME   | STAMP |
|-----|---------------|--------------------------------------|---------------|---------|--------|-------|
| 1   | APPENDIX B08  | PT6A-140 ENGINE GROUND RUN           | 16/2023<br>04 |         | RIDALG |       |
| 2   | APPENDIX D08  | PT6A-140 ENGINE 100 HOURS INSPECTION | 16/2023<br>04 |         | RIDALG |       |
| 3   | SCA/MTC/023   | EMERGENCY EQUIPMENT CHECK            | 16/2023<br>04 |         | RIDALG |       |





PT. SMART CAKRAWALA AVIATION

## CERTIFICATE RETURN TO SERVICE

### SCHEDULED MAINTENANCE INSPECTION (CRS-SMI)

A/C TYPE : CESSNA 208B  
A/C REG : PK-SNA  
MSN : C208B-5634

TTSN : 2094:15  
TCSN : 3234  
DATE : 16-04-2023

TYPE OF INSPECTION : INSPECTION 100 HOURS  
DUE AT : 2100 HOURS  
REFF : MP C208B ISSUED 01

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         |
|-------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| RIZDAL GHAZALI                                                                      | AIRFRAME & POWER PLANT | 9694<br>SCA 021                                                                     |   | 16 / 04 2023 |
|  | EIRA                   |  |                                                                                       |              |

THE NEXT DUE TYPE OF INSPECTION : 200 HOURS  
DUE AT : 2200 HOURS

Form: SCA/MTC/049



# MAINTENANCE PROGRAM CESSNA 208/208B

## Appendix B08 – PT6A-140 Engine Run Performance Sheet

Reg. Mark : PK - SNA

WO/FML No. : WO1035-SNA11/2023

| PRE – INSPECTION |            |
|------------------|------------|
| Location         | MERAUKE    |
| Date             | 16-04-2023 |
| Cycle            |            |
| Filed Barometric | 1006 HPA   |
| OAT              | 30°C       |
| Altitude         | 20 FT      |

| POST – INSPECTION |            |
|-------------------|------------|
| Location          | MERAUKE    |
| Date              | 16-04-2023 |
| Cycle             |            |
| Filed Barometric  | 1010 HPA   |
| OAT               | 31°C       |
| Altitude          | 20 FT      |

| PRE – INSPECTION |        |         |
|------------------|--------|---------|
|                  | Target | Actual  |
| Tq               |        | 2397    |
| Np               |        | 1880    |
| ITT              | °C     | 817 °C  |
| Ng               | %      | 100.8 % |
| Wf               |        | 535     |
| Oil Press        |        | 92 °C   |
| Oil Temp         |        | 60 °C   |
| Start Temp       |        | 723 °C  |

| POST – INSPECTION |        |         |
|-------------------|--------|---------|
|                   | Target | Actual  |
| Tq                |        | 2397    |
| Np                |        | 1890    |
| ITT               | °C     | 817 °C  |
| Ng                | %      | 100.6 % |
| Wf                |        | 540     |
| Oil Press         |        | 93 °C   |
| Oil Temp          |        | 60 °C   |
| Start Temp        |        | 719 °C  |

| Engine Run Up Checks                                                                                                                                                                                                                                                 |                                         |                                         |                                              |                                         |                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------------|-----------------------------------------|-------------------------------------------|
| Inertial <input checked="" type="checkbox"/>                                                                                                                                                                                                                         | EPL <input checked="" type="checkbox"/> | OVG <input checked="" type="checkbox"/> | Stby Alt <input checked="" type="checkbox"/> | BOV <input checked="" type="checkbox"/> | Brake <input checked="" type="checkbox"/> |
| <b>NOTE:</b><br>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.<br>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:**

- ALL ENGINE PARAMETER  
WITHIN LIMIT -

**PERFORMED BY**

| Name    | Sign & Stamp | Date       | Location |
|---------|--------------|------------|----------|
| PIDAL G |              | 16/04/2023 | MERAUKE  |

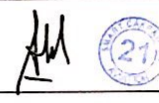
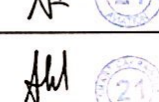
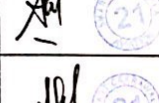


# MAINTENANCE PROGRAM CESSNA 208/208B

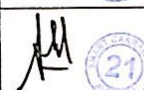
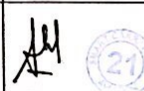
## Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK - SNA  
MSN : C208B-5634  
TSN / CSN : 2094:15/3234

Date : 16-04-2023  
Station : MERAUKE  
WO No. : WO/038-SNA/IV/2023

| ITEM CODE NO. | ZONE | TASK                                                                                                                                | SIGNATURE                                                                             |                |
|---------------|------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|
|               |      |                                                                                                                                     | ENGINEER SIGN&STAMP                                                                   | RII SIGN&STAMP |
| F710001       | 130  | Do a check of the FCU manual override system for static operation.<br>For the engines installed with a manual override system only. |    |                |
| F710003       | 130  | Do a compressor performance recovery wash                                                                                           |    |                |
| F720000       | 130  | Do a visual inspection of the Control Linkages and wiring.                                                                          |    |                |
| F720001       | 130  | Do a visual inspection of the engine exhaust duct welds.                                                                            |   |                |
| F720002       | 130  | Do a visual inspection of the engine exhaust duct for cracks.                                                                       |  |                |
| F720003       | 130  | Do a visual inspection of the gas generator case and the center fireseal.                                                           |  |                |
| F720004       | 130  | Do a visual inspection of the rear fireseal mounting ring.                                                                          |  |                |
| F722001       | 130  | Do a visual inspection of the air inlet screen.                                                                                     |  |                |
| F723000       | 130  | Do a visual inspection with a mirror or a borescope inspection of the First-stage Compressor Rotor and the inlet case for corrosion |  |                |
| F725005       | 130  | Do a detailed inspection of the turbine exhaust duct.                                                                               |  |                |
| F731002       | 130  | Do a check for the fuel pump installation and leaks.                                                                                |  |                |
| F731003       | 130  | Do a check of the oil-to- fuel heater installation                                                                                  |  |                |

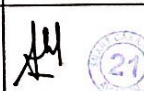
### Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

| ITEM CODE NO.                                                   | ZONE | TASK                                                                                                                                                                 | SIGNATURE                                                                             |                |
|-----------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|
|                                                                 |      |                                                                                                                                                                      | ENGINEER SIGN&STAMP                                                                   | RII SIGN&STAMP |
| F731035                                                         | 130  | Do a visual Inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element<br><br>(CLEANING / REPLACEMENT)<br>P/N OFF: <u>AN6235-3A</u><br>P/N ON: <u>AN6235-3A</u> |    |                |
| F731006                                                         | 130  | Do a check of the drain valve for installation and leaks                                                                                                             |    |                |
|                                                                 |      | NOTE: There is no need to remove the drain valve if there is no leaks.                                                                                               |                                                                                       |                |
| F731007                                                         | 130  | Do a check of the flow divider for installation and leaks.                                                                                                           |    |                |
| F731008                                                         | 130  | Do a visual inspection of the P3 filter and drain valve.                                                                                                             |    |                |
| F731015                                                         | 130  | Do a visual inspection of Fuel Pump outlet filter.<br><br>(CLEANING / REPLACEMENT)<br>P/N OFF: <u>AN6235-3A</u><br>P/N ON: <u>AN6235-3A</u>                          |   |                |
| F731018                                                         | 130  | Clean or replace the P3 filter based on condition, service experience or environment.<br><b>Note:</b><br>If corrossions are found, replace filter.                   |  |                |
| F732001                                                         | 130  | Do a check of the FCU for installation, linkages and pneumatic tubes.                                                                                                |  |                |
| F792000                                                         | 130  | Inspect and clean oil filter for debris.                                                                                                                             |  |                |
| *** End of Engine PT6A-140 100 Hours/Minor Inspection Items *** |      |                                                                                                                                                                      |                                                                                       |                |

| PERSONNEL PARTICIPATING IN THIS INSPECTION |          |                                                                                      |                |
|--------------------------------------------|----------|--------------------------------------------------------------------------------------|----------------|
| NAME                                       | POSITION | SIGNATURE                                                                            | LICENSE NUMBER |
| ZIDAL, G                                   | ENGINEER |  | 9694           |
|                                            |          |                                                                                      |                |
|                                            |          |                                                                                      |                |
|                                            |          |                                                                                      |                |



### Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

| ITEM CODE NO.                                                   | ZONE | TASK                                                                                                                                                                 | SIGNATURE                                                                             |                |
|-----------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|
|                                                                 |      |                                                                                                                                                                      | ENGINEER SIGN&STAMP                                                                   | RII SIGN&STAMP |
| F731035                                                         | 130  | Do a visual Inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element<br><br>(CLEANING / REPLACEMENT)<br>P/N OFF: <u>AN6235-3A</u><br>P/N ON: <u>AN6235-3A</u> |    |                |
| F731006                                                         | 130  | Do a check of the drain valve for installation and leaks                                                                                                             |    |                |
|                                                                 |      | NOTE: There is no need to remove the drain valve if there is no leaks.                                                                                               |                                                                                       |                |
| F731007                                                         | 130  | Do a check of the flow divider for installation and leaks.                                                                                                           |    |                |
| F731008                                                         | 130  | Do a visual inspection of the P3 filter and drain valve.                                                                                                             |    |                |
| F731015                                                         | 130  | Do a visual inspection of Fuel Pump outlet filter.<br><br>(CLEANING / REPLACEMENT)<br>P/N OFF: <u>AN6235-3A</u><br>P/N ON: <u>AN6235-3A</u>                          |   |                |
| F731018                                                         | 130  | Clean or replace the P3 filter based on condition, service experience or environment.<br><b>Note:</b><br>If corrossions are found, replace filter.                   |  |                |
| F732001                                                         | 130  | Do a check of the FCU for installation, linkages and pneumatic tubes.                                                                                                |  |                |
| F792000                                                         | 130  | Inspect and clean oil filter for debris.                                                                                                                             |  |                |
| *** End of Engine PT6A-140 100 Hours/Minor Inspection Items *** |      |                                                                                                                                                                      |                                                                                       |                |

| PERSONNEL PARTICIPATING IN THIS INSPECTION |          |                                                                                      |                |
|--------------------------------------------|----------|--------------------------------------------------------------------------------------|----------------|
| NAME                                       | POSITION | SIGNATURE                                                                            | LICENSE NUMBER |
| RIDAL. G                                   | ENGINEER |  | 9694           |
|                                            |          |                                                                                      |                |
|                                            |          |                                                                                      |                |
|                                            |          |                                                                                      |                |





## MAINTENANCE PROGRAM CESSNA 208/208B

### Appendix D08 – Engine PT6A-140 100 Hours/Minor Inspection

#### 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 consider fit for Release to Service.

Name : RIPZAL GHAZALI Place/Date : MERAUKE, 16-04-2023  
Sign & Stamp :  



# EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

|                   |                                     |
|-------------------|-------------------------------------|
| DATE : 16-04-2023 | A/C REG : PK-SNA                    |
| A/C TYPE : C208B  | CHECKER : RIDAL. G SIGN: <i>Alh</i> |

| No.    | Description                 | P/N        | S/N         | Next Insp. | Remarks     |
|--------|-----------------------------|------------|-------------|------------|-------------|
| 1      | Pilot Life Vest             | P01202-201 | 21031090020 | MARCH 2030 | SERVICEABLE |
| 2      | Co-Pilot Life Vest          | P01202-201 | 2103109008  | MARCH 2030 | 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                | FL 220     | 0221 18908  | FEB 2024   | SERVICEABLE |
| 14     | Crash Axe Installed         | NPN        | NSN         | 0/C        | SERVICEABLE |
| 15     | Fire Extinguisher           | C352       | G-40531481  | July 2024  | SERVICEABLE |
| 16     | Life Raft (If Installed)    |            |             |            |             |
| 17     | Survival Kit (If Installed) |            |             |            |             |
| OTHERS |                             |            |             |            |             |
| 18.    | FLASH LIGHT                 | NPN        | NSN         | 0/C        | SERVICEABLE |
|        |                             |            |             |            |             |