



PT. SMART CAKRAWALA AVIATION

## WORK ORDER

Form: SCA/MTC/030

|                                                                                                                                                                                                                                                                   |                                                                                                                                                        |                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Subject :<br>Inspection 100 Hours Due at 1100 FH.                                                                                                                                                                                                                 | No.                                                                                                                                                    | WO/026-SNA/V/2022                                                                                                         |
|                                                                                                                                                                                                                                                                   | Date                                                                                                                                                   | 20 May 2022                                                                                                               |
|                                                                                                                                                                                                                                                                   | A/C Reg.                                                                                                                                               | PK-SNA C208B-5634                                                                                                         |
| Reference :<br>MP C208B REV. 10                                                                                                                                                                                                                                   | Prepared By                                                                                                                                            | TS                                                                                                                        |
|                                                                                                                                                                                                                                                                   | Checked By                                                                                                                                             | CI                                                                                                                        |
|                                                                                                                                                                                                                                                                   | Approved By                                                                                                                                            | TM                                                                                                                        |
| To : Engineer In Charge                                                                                                                                                                                                                                           |                                                                                                                                                        |                                                                                                                           |
| <b>Description :</b><br><br>1. Perform Inspection 100 Hours Due at 1100 FH.<br>2. Make an entry in Maintenance Log.<br>3. Return the Completed Work Order and Form to PPC.<br>#If any finding, please close the routine card, and transferred to inspection card. |                                                                                                                                                        |                                                                                                                           |
| <b>Additional Work :</b><br><br>                                                                                                                                               |                                                                                                                                                        |                                                                                                                           |
| Compliance Statement                                                                                                                                                                                                                                              | Sign & Date<br>Company Lic. No.: SCA-03<br><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    |                       |
| 20 May 2022                                                   | WO/026-SNAV/2022                    | Inspection 100 Hrs  |                         |                       |
| 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          |                         |                       |
|                                                               | #2                                  | -                   |                         |                       |
| Propeller/Rotor                                               | #1                                  | 200483              |                         |                       |
|                                                               | #2                                  | -                   |                         |                       |
| Landing Gear                                                  | NLG                                 |                     |                         |                       |
|                                                               | LH MLG                              |                     |                         |                       |
|                                                               | RH MLG                              |                     |                         |                       |
| <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<br>Open    Close | Name/<br>Sign & Stamp |
| <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/026-SNA/V/2022

| NO. | TASK CARD NO. | DESCRIPTION                                           | DATE        | EST MHR | NAME     | STAMP |
|-----|---------------|-------------------------------------------------------|-------------|---------|----------|-------|
| 1   | B03           | PT6A 140 ENGINE GROUND RUN PERFORMANCE                | 31 MAY 2022 |         | Sampurna |       |
| 2   | CHAPTER 51    | ENGINE PT6A 140 100 HOUR INSPECTION/ MINOR INSPECTION | 31 May 2022 |         | Sampurna |       |
| 3   | SCA/MTC/023   | EMERGENCY EQUIPMENT CHECK                             | 31 May 2022 |         | Sampurna |       |





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 : 1093:33 Hrs  
TCSN : 1769  
DATE : 31 May 2022

TYPE OF INSPECTION : INSPECTION 100 HOURS

DUE AT : 1100 HOURS

REF : MP C208B REV. 10

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        |
|-------------|------------------------|-------------|------------|-------------|
| Sampurna H. | AIRFRAME & POWER PLANT | 4870/SCA-03 |            | 31 May 2022 |
|             | EIRA                   |             |            |             |

THE NEXT DUE TYPE OF INSPECTION : 400 Hrs

DUE AT : 1200:00 Hrs

Form: SCA/MTC/049

Reg. Mark : PK - SNA

WO/FML No. : WO/026-SNA/V/2022

| PRE - INSPECTION |             |
|------------------|-------------|
| Location         | TIMIKA      |
| Date             | 31 May 2022 |
| Cycle            |             |
| Filed Barometric |             |
| OAT              | 32°C        |
| Altitude         | 100 ft      |

| POST - INSPECTION |             |
|-------------------|-------------|
| Location          | TIMIKA      |
| Date              | 31 May 2022 |
| Cycle             |             |
| Filed Barometric  |             |
| OAT               | 33°C        |
| Altitude          | 100 ft      |

| PRE - INSPECTION |         |         |
|------------------|---------|---------|
|                  | Target  | Actual  |
| Tq               | 2397    | 2397    |
| Np               | 1900    | 1900    |
| ITT              | 841 °C  | 820 °C  |
| Ng               | 102.7 % | 102.0 % |
| Wf               | 578     | 556     |
| Oil Press        |         | 92 °C   |
| Oil Temp         |         | 70 °C   |
| Start Temp       |         | 729 °C  |

| POST-INSPECTION |         |         |
|-----------------|---------|---------|
|                 | Target  | Actual  |
| Tq              | 2397    | 2377    |
| Np              | 1900    | 1900    |
| ITT             | 841 °C  | 821 °C  |
| Ng              | 102.7 % | 102.7 % |
| Wf              | 578     | 553     |
| Oil Press       |         | 91 °C   |
| Oil Temp        |         | 78 °C   |
| Start Temp      |         | 730 °C  |

### Engine Run Up Checks

Inertial ☒ EPL ☒ OVG ☒ Stby Alt ☒ BOV ☒ Brake ☒ Randomn ☒

#### NOTE:

1. Brake system at Torque 2000 ft-lbs.
2. Inertial Separator at Torque 400 ft-lbs.
3. EPL check can't exceed 4% Ng per second.
4. Standby Alt at 80% Ng.
5. Low idle at 55.5 - 57% 40Amps.
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 |
|----------|--------------------------------------------------------------------------------------|-------------|----------|
| Sampurna |  | 31 May 2022 | TIMIKA   |

# MAINTENANCE PROGRAM CESSNA C208/C208B

## Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

Reg. Mark : PK - SNA

Date : 31 May 2022

MSN : C208B-5634

Station : TIM

TSN / CSN : 1093:33/1769

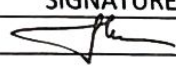
WO No. : WO/026-SNA/V/2022

| ITEM CODE NO. | ZONE | TASK                                                                                                                                                                | SIGNATURE                                                                             |                                                                                       |
|---------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|               |      |                                                                                                                                                                     | 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                                                                                                                  |  |  |
| F731035       | 130  | Do a visual Inspection of the Fuel - Oil Heat Exchanger Fuel Filter Element<br><br>(CLEANING / REPLACEMENT)<br>P/N OFF: <del>AN 6235-3A</del><br>P/N ON: AN 6235-3A |  |  |

# MAINTENANCE PROGRAM CESSNA C208/C208B

## Chapter 51 – Engine PT6A-140 100 Hours/Minor Inspection

| ITEM CODE NO.                                             | ZONE | TASK                                                                                                                                               | SIGNATURE                                                                             |                                                                                       |
|-----------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                           |      |                                                                                                                                                    | SIGN                                                                                  | STAMP                                                                                 |
| F731006                                                   | 130  | Do a check of the drain valve for installation and 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><b>(CLEANING / REPLACEMENT)</b><br>P/N OFF: <u>AN 6235-3A</u><br>P/N ON: <u>AN 6235-3A</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 Inspection Items *** |      |                                                                                                                                                    |                                                                                       |                                                                                       |

| PERSONNEL PARTICIPATING IN THIS INSPECTION |          |                                                                                      |                |
|--------------------------------------------|----------|--------------------------------------------------------------------------------------|----------------|
| NAME                                       | POSITION | SIGNATURE                                                                            | LICENSE NUMBER |
| Sampurna                                   | Engineer |  | 4870           |
|                                            |          |                                                                                      |                |
|                                            |          |                                                                                      |                |
|                                            |          |                                                                                      |                |

| 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                                                                                                                                                                                                                          | : Sampurna H.                                                                         | Stamp      | :  |
| Signature                                                                                                                                                                                                                     | :  | Place/Date | : TIM/31 May 2022                                                                       |



# EMERGENCY EQUIPMENT LIST INSPECTION & MONITOR

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

DATE : 31 May 2022

A/C REG : PK-SNA

A/C TYPE : C208B

CHECKER : Sampurna SIGN:

| No.    | Description                 | P/N        | S/N         | Next Insp. | Remarks |
|--------|-----------------------------|------------|-------------|------------|---------|
| 1      | Pilot Life Vest             | P01202-201 | 21031090020 | March 2030 | GOOD    |
| 2      | Co-Pilot Life Vest          | P01202-201 | 21031090008 | March 2030 | GOOD    |
| 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     | First Aid Kit               | FL 220 FAK | 0221-1898   | FEB 2023   | GOOD    |
| 14     | Crash Axe Installed         | NPN        | NPN         | O/C        | GOOD    |
| 15     | Fire Extinguisher           | C 352      | G 405 31481 | July 2022  | GOOD    |
| 16     | Life Raft (If Installed)    |            |             |            |         |
| 17     | Survival Kit (If Installed) | FL 226     | 605755      | JAN 2023   | GOOD    |
| OTHERS |                             |            |             |            |         |
| 18     | Flash light                 | NPN        | NPN         | O/C        | GOOD    |
|        |                             |            |             |            |         |



### Parts Used Sheet

**PK-SNA**

WO # Nr:

WO/026-SNA/V/2022

[illegible]



## Parts Used Sheet

WO/026-SNA/V/2022

**PK-SNA**

Special Tool Used

[illegible]