



US Department  
of Transportation  
Federal Aviation  
Administration

**MAJOR REPAIR AND ALTERATION**  
**(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020  
Exp: 03/31/2023

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

|             |   |                       |  |                        |
|-------------|---|-----------------------|--|------------------------|
| 1. Aircraft | Nationality and Registration Mark<br>N6593W   | Serial No. P210-00801 |  |                        |
|             | Make<br><b>Cessna</b>   | Model<br><b>P210</b>  | Series<br><b>N</b>                             |                        |
| 2. Owner    | Name (As shown on registration certificate)<br><b>Southern Aircraft Consultancy Inc Trustee</b> |                       | Address (As shown on registration certificate) |                        |
|             |   |                       | Address Glebe Cottage Cookes Road              |                        |
|             |   |                       | City Bergh Apton                               | State Northfolk        |
|             |   |                       | Zip NR15 1 AA                                  | Country United Kingdom |

**3. For FAA Use Only**

| 4. Type                  |                                     | 5. Unit Identification |              |                                |            |
|--------------------------|-------------------------------------|------------------------|--------------|--------------------------------|------------|
| Repair                   | Alteration                          | Unit                   | Make         | Model                          | Serial No. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | AIRFRAME               | Cessna       | (As described in Item 1 above) | P210-00801 |
| <input type="checkbox"/> | <input type="checkbox"/>            | POWERPLANT             |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | PROPELLER              |              |                                |            |
| <input type="checkbox"/> | <input type="checkbox"/>            | APPLIANCE              | Type         |                                |            |
|                          |                                     |                        | Manufacturer |                                |            |

**6. Conformity Statement**

|                              |   |   |              |   |
|------------------------------|---|---|--------------|---|
| A. Agency's Name and Address |   | B. Kind of Agency   |              | C. Certificate No.<br><b>A&amp;P 3257969 IA</b> |
| Name Ivo Rinkel              | Address 56 Carol Road, Mindaloro North<br>City Krugersdorp State Gauteng<br>Zip 1740 Country South Africa | <input checked="" type="checkbox"/> U. S. Certificated Mechanic | Manufacturer |   |
|                              |   | <input type="checkbox"/> Foreign Certificated Mechanic          |              |   |
|                              |   | <input type="checkbox"/> Certificated Repair Station            |              |   |
|                              |   | <input type="checkbox"/> Certificated Maintenance Organization  |              |   |

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

|  |   |
|--|---|
| Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/> | Signature/Date of Authorized Individual<br><br>APRIL 03, 2023 |
|--|---|

**7. Approval for Return to Service**

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☐ Approved ☐ Rejected



|   |                              |  |  |  |
|---|------------------------------|--|--|--|
| BY  | FAA Fit. Standards Inspector | Manufacturer   | Maintenance Organization                                     | Persons Approved by Canadian Department of Transport |
|   | FAA Designee                 | Repair Station   | <input checked="" type="checkbox"/> Inspection Authorization | Other (Specify)                                      |
| Certificate or Designation No. 3257969 IA |                              | Signature/Date of Authorized Individual<br><br>APRIL, 03, 2023 |  |  |





## CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT



All records relating to maintenance carried out on the above are held at AMKA Aviation (Pty) Ltd (LSA)

|  |   |                  |        |   |           |
|--|---|------------------|--------|---|-----------|
| Section:   | Airframe  | WorkPack #       | 12198  | Serial #  | P21000801 |
| Regist:  | N6593W  | Make:            | Cessna | Model:  | P210N     |
| Engine   |   | Make:            |        | Model:  |           |
| Prop   |   | Make:            |        | Model:  |           |
| Hours:   | 0.00  | Cycles:          | 0      |   |           |
| Task ID 7794   |   |                  |        |   |           |
| Compass Swing carried out to Remote and Magnetic Compass Systems iaw AMKA-CSDC-01, Apr 16, deviation cards fitted  |   |                  |        |   |           |
| Reference  | N/A   |                  | N/A    |   |           |
| I hereby certify the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service. |   |                  |        |   |           |
| AME: R Potgieter   | Wet Signed / License :0273000507  | Date: 06-03-2023 |        | Stamp   |           |
|  |  |                  |        |  |           |



## CERTIFICATE RELATING TO MAINTENANCE OF AN AIRCRAFT

All records relating to maintenance carried out on the above are held at AMKA Aviation (Pty) Ltd (Rand)

|  |                 |   |               |                         |   |
|--|-----------------|---|---------------|-------------------------|---|
| Section:   | <b>Airframe</b> | WorkPack #  | <b>5390</b>   | Serial #                | <b>P21000801</b>  |
| Regist:  | <b>N6593W</b>   | Make:   | <b>CESSNA</b> | Model:                  | <b>P210N</b>  |
| Engine   |                 | Make:   |               | Model:                  |   |
| Prop   |                 | Make:   |               | Model:                  |   |
| Hours: <b>0.00</b>   |                 | Cycles: <b>0</b>  |               |                         |   |
| <b>Task ID 6925</b><br>S-TEC 3100 Digital Flight Control System upgrade from S-TEC 65 installed iaw STC SA09754DS, ST-952-MDL-0001, Rev P.<br>Garmin G500TXi System installed iaw STC SA02571SE, MDL 005-00795-C2, Rev 19<br>Refer to updated Aircraft Equipment List for Equipment removed and fitted |                 |   |               |                         |   |
| <b>Task ID 6926</b><br>Transponder checks carried out iaw AMKA TTS-01, Rev 1, Apr 16   |                 |   |               |                         |   |
| <b>Task ID 6927</b><br>Pitot Static checks carried out iaw AMKA PSTS-01, Rev 1, Apr 16   |                 |   |               |                         |   |
| <b>Task ID 6929</b><br>Avionics check carried out iaw AMKA-RETS-01, Rev 1, Apr 16  |                 |   |               |                         |   |
| I hereby certify the Scheduled Inspection / Maintenance recorded above has been carried out in accordance with the Civil Aviation Regulations, and in respect of that work the aircraft is fit for release to service.   |                 |   |               |                         |   |
| AME: R Potgieter   |                 | Wet Signed / License: <b>0273000507</b>   |               | Date: <b>04-08-2022</b> | Stamp:  |
|  |                 |  |               |                         |  |



# NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

## 8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N6593W

April 03, 2023

Nationality and Registration Mark

Date

The following equipment was removed:

Moving Terrain MT Vision Alr EP111, Bendix/King KI 525A, Eventide Argus Moving Map Display, Bendix/King KI 204 VOR/ILS Indicator, S-Tec 0141 Altitude Selector-Alterer, S-Tec 65 Autopilot Annunciator Panel, Cessna 7030 Vertical speed Indicator, S-Tec Turn Coordinator, S-Tec 65 0142 Autopilot programmer, Bendix/King KA 51B, S-Tec ST901 GPSS Roll Steering Switch, S-Tec Yaw Damper, S-Tec ST 901 GPSS Roll Steering Adaptor, S-Tec Absolute Pressure Transducer, Bendix/King KG 102A, S-Tec 65 PFGC Computer, S-Tec 65 RFGC Computer, Bendix/King KMT 112.

The following equipment installed:

FAA STC SA02571SE Date Amended February 2, 2022, Garmin G500 TXi Integrated Avionics System, S/N 3M5003833 installed.

The Garmin installation was inspected and found installed as per standard practices and found in proper order.

AFMS has been inserted in the P.O.H.

ICA is required as per installation manual no. 190-01717-B2 Rev. 7 Dated February 02, 2022

Installation was inspected and found in proper order. (FAA Approved installation manual for Garmin G500TXi, Manual 005-010795-C2 Rev 19)

FAA STC SA09754DS Date Amended November 1, 2018, S-Tec 3100 Digital Flight Control System Upgrade S/N 01326-2202-00003 installed

The S-Tec installation was inspected and found installed as per standard practices and found in proper order.

AFMS has been inserted in the P.O.H.

ICA is required as per installation manual no; ST-962-ICA-0001 Rev C Dated May 19, 2021

Installation was inspected and found in proper order. (FAA Approved installation manual for S-Tec 3100 DFCS, Manual ST-952-MDL-0001 Rev P)

Weight & Balance & Equipment list Amended.

----- End -----

☐ Additional Sheets Are Attached





# Equipment List Addendum

Aircraft Registration: N6593W  
Aircraft Make/Model: Cessna P210N  
Aircraft Serial Number: 210-00801

## NOTE:

This addendum to the equipment list does not supersede the aircraft approved equipment list of removed and installed equipment but acts as supplement to show the changes as a result of the modification. It is the owner, operator, or their agent's responsibility to ensure that the addendum is placed in the aircraft permanent records.

| Removed Equipment                       | Part No.         | Serial No. | Weight (Lbs.) | Arm (Inch) | Moment (Lbs. Inch) |
|---|------------------|------------|---------------|------------|--------------------|
| Moving Terrain MT Vision Air EP III     | MTEP3/004-16-7.3 | NSN        | -1.76         | 13.50      | 23.75              |
| Bendix/King KI 525A (incl. hardware)    | 066-3046-00      | 22647      | -4.00         | 15.00      | 60.00              |
| Eventide Argus Moving Map Display       | 5000/CE          | 150687     | -3.30         | 16.50      | 54.45              |
| Bendix/King KI 204 VOR/ILS Indicator    | 066-3034-02      | 6871       | -1.70         | 16.50      | 28.05              |
| S-Tec 0140 Altitude Selector-Alerter    | 0140             | 427B/C     | -1.25         | 16.50      | 20.62              |
| S-Tec 65 Autopilot Annunciator Panel    | 0141             | 363        | -0.90         | 16.50      | 14.85              |
| Cessna 7030 Vertical Speed Indicator    | C661080-0102     | 15177      | -0.70         | 17.50      | 12.25              |
| S-Tec Turn Co-Ordinator                 | 6405-28L         | 8081E      | -1.80         | 17.50      | 31.50              |
| S-Tec 65 0142 Autopilot Programmer      | 1634-01          | 356        | -0.60         | 18.00      | 10.80              |
| Bendix/King KA 51B                      | 071-1242-xx      | UNK        | -0.20         | 18.00      | 3.60               |
| S-Tec ST901 GPSS Roll Steering Switch   | 03975            | 0849-06278 | -0.06         | 18.00      | 1.08               |
| S-Tec Yaw Damper                        | 0121             | 1078A      | -0.90         | 18.00      | 16.20              |
| S-Tec ST-901 GPSS Roll Steering Adapter | 03976            | UNK        | -0.30         | 97.50      | 29.25              |
| S-Tec Absolute Pressure Transducer      | 0111             | 0197-40995 | -0.10         | 97.50      | 9.75               |
| Bendix/King KG 102A                     | 060-0015-00      | X14175     | -4.80         | 98.00      | 470.40             |
| S-Tec-65 PFGC Computer                  | 0110-356         | 3041       | -3.00         | 98.00      | 294.00             |
| S-Tec-65 RFGC Computer                  | 0109-5           | 2788       | -2.30         | 98.00      | 225.40             |
| Bendix/King KMT 112                     | 071-1052-00      | 112-77629  | -0.30         | 163.50     | 0.48               |
| <b>SUB-TOTAL</b>                        |                  |            | -27.97        | -          | 1402.43            |



## Equipment List Addendum

Aircraft Registration: N6593W

Aircraft Make/Model: Cessna P210N


Aircraft Serial Number: 210-00801

| Installed Equipment               | Part No.        | Serial No.       | Weight<br>(Lbs.) | Arm<br>(Inch) | Moment<br>(Lbs. Inch) |
|-----------------------------------|-----------------|------------------|------------------|---------------|-----------------------|
| S-Tec 3100 DFCS                   | 01326-08-02-000 | 01326-2202-00003 | 2.60             | 16.00         | 41.60                 |
| Garmin GDU 1060 Display (G500TXi) | 011-03308-30    | 3M5003833        | 2.65             | 18.00         | 47.70                 |

|           |  |  |      |   |       |
|-----------|--|--|------|---|-------|
| SUB-TOTAL |  |  | 5.25 | - | 89.30 |
|-----------|--|--|------|---|-------|

|       |  |  |        |   |         |
|-------|--|--|--------|---|---------|
| TOTAL |  |  | -22.72 | - | 1313.13 |
|-------|--|--|--------|---|---------|

Print Name: R. Potgieter

Signature: 

Date: 04-08-2022

Stamp: 