



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. 001

Aircraft Registration No. N731NU
Aircraft Manufacturer CESSNA
Model P-210N
Serial No. P21000512

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
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AEROTECH PUBLICATIONS INC.

www.adlog.com
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FAX: (631) 765-9359

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-23-03	3369.45		REMOVED AND REPLACED ELT BATTERY WITH NEW P/N 00-60-62 NEXT REPLACEMENT DUE 5-05. PERFORMED ELT YEARLY INSPECTION AND FUNCTIONAL TEST PER FAR 91.207(D) This aircraft and/or component has been repaired and/or inspected in accordance with current Federal Air Regulations and was found to be in an airworthy condition with respect to the work performed and is approved for return to service. MARTIN AVIATION Repair Station M8VR406N 19300 Ike Jones Road Santa Ana, CA 92707 Date <u>7-23-03</u> T.T. <u>3369.45</u> W.O. <u>10207</u> Stech/Hobbs <u>3309.45</u> <u>Steve Whiting</u>
			DATE <u>03-07-06</u> AC HRS <u>3689.75</u> N <u>731NU</u> I CERTIFY THAT THE ALTIMETER, ALTITUDE REPORTING AND STATIC SYSTEM TESTS REQUIRED BY CFR 91.411 HAVE BEEN PERFORMED. TESTS WERE PERFORMED TO <u>36,000</u> FT. ALT. <u>03-02-06</u> DATE ENCODER <u>03-07-06</u> DATE STATIC SYSTEM <u>03-07-06</u> DATE THIS <u>KT 76C</u> TRANSPONDER S/N <u>8812</u> HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF CFR 91.413(PART 43 APP F). DATE <u>03-07-06</u> SIGNED <u>Ronald W. Culpepper</u> INSPECTOR BAY AVIONICS, LTD. HM1R197K
			Date <u>Sept. 01, 2006</u> Hrs <u>3754.95</u> Make and Model <u>Cessna P210N N731NU</u> Removed defective Turn Coordinator p/n: RCA82A-4 s/n: 10172. Installed overhauled Turn Coordinator p/n: RCA82A-11 s/n: 83-1178. Ground ops check O.K. This aircraft found to be airworthy with respect to the work performed under work order #20720. Signed <u>Ronald W. Culpepper</u> Inspector Bay Avionics, Ltd, CRS# HM1R197K

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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A/C MAKE: CESSNA
A/C MODEL: P210N
A/C S/N: P21000512

SPARKCHASERS

—Aircraft Services, Inc.—
AIRFRAME LOGBOOK ENTRY

TACH TIME: 3849.7
HOBBS: 2116.40
A/C REG. #: N731NU

Removed defective NSD360A Slaved HSI Indicator and KI206-05 Nav Indicator and shipped to vendor for repair. Reinstalled NSD360A P/N 52D137-1332 HSI s/n 1-W6327B overhauled by Mid-Continent Instruments under WO# WRK0107324 dated 8/31/2007. Replaced air inlet filter in LH wing root with new AAD9-18-1. Replaced KI206 Nav Indicator with King KI206 Nav Indicator P/N 066-3034-05 s/n 71218 purchased new from Honeywell Avionics under WO# 285163, dated 9/6/2007. Removed, repaired and reinstalled King KX165 Nav / Com Transceiver s/n P11141. Performed compass swing on aircraft to check HSI and Vertical Card Compass accuracy. Completed correction card for vertical card compass and affixed to area directly above vertical card compass. NSD360A HSI compass errors nil. Performed functional ground check of above systems and found to function normally. WO# 98644 on file at Sparkchasers Aircraft Services, Inc., FAA CRS# XSPR699K.

Signed [Signature]
FAACRS# XSPR699K

Date 09/14/2007

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A/C MAKE: CESSNA
A/C MODEL: P210N
A/C S/N: P21000512

SPARKCHASERS

—Aircraft Services, Inc.—
AIRFRAME LOGBOOK ENTRY

TACH TIME: 3849.7
HOBBS: 2116.40
A/C REG. #: N731NU

Removed defective RCA26BK-1 Electric Horizon and shipped to factory for repair. Reinstalled RCA26BK-1 Electric Horizon s/n 3358 overhauled by Nu-Tek Aircraft Instruments under WO# 27219 dated 9/11/2007. Performed operational ground check of electric horizon and found to function normally. WO# 98644 on file at Sparkchasers Aircraft Services, Inc.

Signed [Signature]
A&P3078378

Date 09/14/2007

N#: 731NU	VA Virginia	FAA REPAIR STA.
WO#: A08-1116	Aviation	#RSUR804H
DATE: 3/28/2008		VAR-115
Installed Garmin Power data cable P/N 010-10513-00. The cable is connected to the Avionics buss through a 1 amp inline fuse. The cable is connected to the RS232 port #4 Aviation output on the GNS430W. Routed the cable out of the existing Right hand Radio stack. Tested the wiring per the GPSMAP396 Pilot's guide and it ramp checked good. Performed Garmin software upgrade to Garmin GNS 430W P/N 011-01060-45 S/N96300697 in accordance with Garmin Service Bulletin 0740A. New GPS and Main Software now at version 3.00. Installed new Flight Manual Supplement in aircraft POH. GNS 430W ramp checked good. End. Signature: <u>[Signature]</u> Please affix to your aircraft/engine logbook.		

DATE

AIRFRAME
TIME
IN
SERVICE

N#: 731NU

VA Virginia
Aviation

FAA REPAIR STA.

WO#: A10-1103

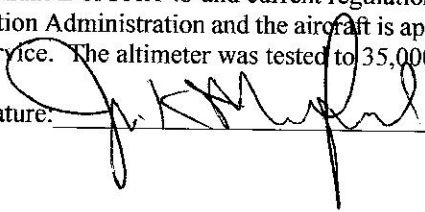
#RSUR804H

DATE: 3/30/2010

VAR-130

TACH: 4716.3
2IED—
FORMING WORK

I certify that the static system, altimeter system, and the automatic pressure altitude reporting system test required by the FAR 91.411 have been performed in accordance with Appendix E of FAR 43 and current regulations of the Federal Aviation Administration and the aircraft is approved for return to service. The altimeter was tested to 35,000 feet. End.

Signature: 

Please affix to your aircraft/engine log book.

N# 731NU

VA Virginia
Aviation

FAA REPAIR STA.

WO#: A10-1103

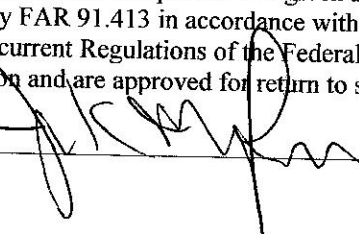
#RSUR804H

DATE: 03/30/2010

VAR-131

TACH: 4716.3
2Transponder Model KT76C S/N 3812

I certify that the above transponder was given a biennial check as required by FAR 91.413 in accordance with Appendix F of FAR 43 and current Regulations of the Federal Aviation Administration and are approved for return to service. End.

Signature: 

Please affix to your aircraft/engine log book.

N#: 731NU

VA Virginia
Aviation

FAA REPAIR STA.

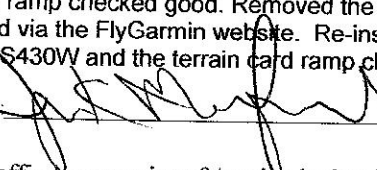
WO#: A10-1103

#RSUR804H

DATE: 3/30/2010

VAR-115

Performed Garmin Service Bulletin 0918 Rev. A to the Garmin GNS 430W unit P/N 011-01060-40 S/N 96300697. Replaced the AFMS with new AFMS dated 07/31/2009. Reconfigured the unit and the GNS 430W unit ramp checked good. Re-racked the KX165 and checked the connector on the #2 KI206 CDI. The connector on the #2 CDI was found to be loose. Removed the connector and reseated. The #2 NAV system ramp checked good. Removed the Terrain card and updated via the FlyGarmin website. Re-inserted the card into the GNS430W and the terrain card ramp checked good.

Signature: 

Please affix to your aircraft/engine logbook.

Registration#: N731NU

AIRFRAME LOG

Removed King KT76 transponder s/n: 3812 and KN64 DME s/n: 19355 and related wiring from aircraft panel. Installed Bendix-King model KT74 transponder s/n: 02429. ADSB OUT functionality was implemented as per Peregrine STC: SA00765DE using existing Garmin GNS 430W GPS as a positional source. Pitotstatic airspeed switch installed as per STC. ADSB OUT system working as per STC testing requirements.

All work performed in accordance with AC 43.13-1B and Cessna maintenance data. Aircraft approved for return to service with respect to work performed.

Signed Robert A. Ross Robert A. Ross, Chief Inspector

Clear Sky Aviation, LLC 660 Hunters Place Charlottesville, VA 22911
FAA Repair Station # 3C1R322C

Clear Sky Aviation, LLC
660 Hunters Place, Suite 102, Charlottesville VA, 22911 T : 434-249-3421

I certify that the transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.

Aircraft Registration #: N731NU Tach Time: 4817.62

Transponder Model #: KING KT74 Serial #: 02429

Inspector's Name: Robert A. Ross

Chief Inspector's Signature: [Signature] Date Signed: 1/28/2017

Repair Station Certificate # 3C1R322C

Clear Sky Aviation, LLC
660 Hunters Place, Suite 102, Charlottesville VA, 22911 T : 434-249-3421

I certify that the altimeter and static system tests and inspections required by FAR 91.411 been performed in accordance with FAR 43, Appendix E.

Aircraft Registration #: N731NU Tach Time: 4817.62

Altimeter to: 20K Feet on Date: 1/30/2017

Altimeter Model #: 5934-PA-3A86 Altimeter Serial # 450308

Encoder Model #: TRANS-CAL
SSD-120 Encoder Serial #: 62088

Inspector's Name: Robert A. Ross

Chief Inspector's Signature: [Signature] Date Signed: 1/30/2017

Repair Station Certificate # 3C1R322C

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<i>Signature.</i> FLIGHT SUPPORT A BBA Aviation company 100 Aviation Drive, Suite 100 Charlottesville, VA 22911 Tel (434) 978-1474 CRS# H00R564Y N# 731NU Model P210N SN P21000512 Tach 4855.08 WO# S12-18-03863 Date 03-26-2018 Previously installed in instrument panel, found to be working upon removal: JPI 800 - PN EGT-701-6C, SN 21053 JPI Harnesses/Probes - Various PN Horizon Instruments Digital Tach - PN P100-054-162-03, SN P132001 Turn Coordinator - Model RCA82A-11, SN 83-1178 - 1lb 15oz = 1.938lbs Amp/Oil Pressure Gauge - PN C669527-0101 Cylinder Head/Oil Temp Gauge - PN C669526-0101 Fuel Gauges - PN C669525-0101 Davtron Clock and Flight Time switch - PN M811B, SN 11961 EGT Gauge/Probe - PN C668501-0211, SN 150986 Daniel Little CRS#H00R564Y <i>Hamilton</i> Form LB-1
			Clear Sky Aviation, LLC 995 Research Park Blvd., Suite 116, Charlottesville VA, 22911 T : 434-284-5109 <i>I certify that the transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.</i> Aircraft Registration #: <u>N731NU</u> Tach Time: <u>5011.0</u> HOBBS Transponder p/n: <u>KT 74A</u> Transponder s/n <u>02429</u> Inspector's Name: Robert A. Ross Inspector's Signature: <u><i>Robert A. Ross</i></u> Date Signed: <u>6-10-2021</u> Repair Station Certificate # 3C1R322C Form 205 – Revision Number 1.1 – Revision Date 04/02/2015

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			Clear Sky Aviation, LLC 995 Research Park Blvd., Suite 116, Charlottesville VA, 22911 T : 434-284-5109 <i>I certify that the altimeter and static system tests and inspections required by FAR 91.411 been performed in accordance with FAR 43, Appendix E.</i> Aircraft Registration #: <u>N731NU</u> Tach Time: <u>5011.0</u> H0885 Altimeter to: <u>20K</u> Feet on Date: <u>6-10-2021</u> Altimeter p/n: <u>UNITED 5934PA-3A86</u> Altimeter s/n: <u>450308</u> Encoder p/n: <u>TCI SSD-120</u> Encoder s/n: <u>62088</u> Inspector's Name: Robert A. Ross Inspector's Signature: <u>[Signature]</u> Date Signed: <u>6-10-2021</u> Repair Station Certificate # 3C1R322C Form 204 – Revision Number 1.1 – Revision Date 04/02/2015
			Clear Sky Aviation, LLC 995 Research Park Blvd., Suite 116, Charlottesville VA, 22911 T : 434-284-5109 <i>I certify that the altimeter and static system tests and inspections required by FAR 91.411 been performed in accordance with FAR 43, Appendix E.</i> Aircraft Registration #: <u>N731NU</u> Tach Time: <u>5011.0</u> H0885 Altimeter to: <u>20K</u> Feet on Date: <u>6-10-2021</u> Altimeter p/n: <u>GARMIN G5</u> Altimeter s/n: <u>4JQ013604</u> Encoder p/n: <u>GARMIN G5</u> Encoder s/n: <u>4JQ013604</u> Inspector's Name: Robert A. Ross Inspector's Signature: <u>[Signature]</u> Date Signed: <u>6-10-2021</u> Repair Station Certificate # 3C1R322C Form 204 – Revision Number 1.1 – Revision Date 04/02/2015

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			Clear Sky Aviation, LLC 995 Research Park Blvd., Suite 116, Charlottesville VA, 22911 T : 434-284-5109 <i>I certify that the altimeter and static system tests and inspections required by FAR 91.411 been performed in accordance with FAR 43, Appendix E.</i> Aircraft Registration #: <u>N731NU</u> Tach Time: <u>5204.8</u> Altimeter to: <u>20K</u> Feet on Date: <u>6-20-2023</u> Altimeter p/n: <u>UNITED 5934PA-3A86</u> Altimeter s/n: <u>450308</u> Encoder p/n: <u>TCISSD-120</u> Encoder s/n: <u>62088</u> Inspector's Name: Robert A. Ross Inspector's Signature: <u>[Signature]</u> Date Signed: <u>6-20-2023</u> Repair Station Certificate # 3C1R322C Form 204 – Revision Number 1.1 – Revision Date 04/02/2015
			Clear Sky Aviation, LLC 995 Research Park Blvd., Suite 116, Charlottesville VA, 22911 T : 434-284-5109 <i>I certify that the altimeter and static system tests and inspections required by FAR 91.411 been performed in accordance with FAR 43, Appendix E.</i> Aircraft Registration #: <u>N731NU</u> Tach Time: <u>5204.8</u> Altimeter to: <u>20K</u> Feet on Date: <u>6-20-2023</u> Altimeter p/n: <u>GARMIN G5</u> Altimeter s/n: <u>4JQ013604</u> Encoder p/n: <u>GARMIN G5</u> Encoder s/n: <u>4JQ013604</u> Inspector's Name: Robert A. Ross Inspector's Signature: <u>[Signature]</u> Date Signed: <u>6-20-2023</u> Repair Station Certificate # 3C1R322C Form 204 – Revision Number 1.1 – Revision Date 04/02/2015

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK												
			Clear Sky Aviation, LLC 995 Research Park Blvd., Suite 116, Charlottesville VA, 22911 T : 434-284-5109 <i>I certify that the transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.</i> Aircraft Registration #: <u>N731NU</u> Tach Time: <u>5204.8</u> Transponder p/n: <u>KT74A</u> Transponder s/n <u>02429</u> Inspector's Name: Robert A. Ross Inspector's Signature: <u>[Signature]</u> Date Signed: <u>6-20-2023</u> Repair Station Certificate # 3C1R322C Form 205 – Revision Number 1.1 – Revision Date 04/02/2015												
			I certify that altimeter and static system tests and inspections required by FAR 91.411 have been performed in accordance with FAR 43, Appendix E. Aircraft Registration: N731NU Maint. Time: 5315.4 WO# 1621 Crew Position(s) Served By System: Pilot Altitude Tested to: 30000 ft on Date: 8/1/2025 <table border="1"> <tr> <td>Altimeter 1 Location: Pilot Prime</td> <td>Alt. 1 Make: United</td> <td>Alt. 1 P/N: 5934PA-3A86</td> <td>Alt. 1 S/N: 450308</td> </tr> <tr> <td>Altimeter 2 Location: NORSEE</td> <td>Alt. 2 Make: Garmin</td> <td>Alt. 2 P/N: G5</td> <td>Alt. 2 S/N: 4JQ013604</td> </tr> <tr> <td>Altimeter 3 Location: N/A</td> <td>Alt. 3 Make: N/A</td> <td>Alt. 3 P/N: N/A</td> <td>Alt. 3 S/N: N/A</td> </tr> </table> * Altimeter Identification numbers only required if removed and reinstalled. Other work done: Conducted G5 calibration. Inspector Name: Michael Vanderweide Inspector Signature: <u>[Signature]</u> Date Signed: 8/1/2025 Clear Sky Aviation LLC, Repair Station Certification #3C1R322C, Tel: 434-284-5109	Altimeter 1 Location: Pilot Prime	Alt. 1 Make: United	Alt. 1 P/N: 5934PA-3A86	Alt. 1 S/N: 450308	Altimeter 2 Location: NORSEE	Alt. 2 Make: Garmin	Alt. 2 P/N: G5	Alt. 2 S/N: 4JQ013604	Altimeter 3 Location: N/A	Alt. 3 Make: N/A	Alt. 3 P/N: N/A	Alt. 3 S/N: N/A
Altimeter 1 Location: Pilot Prime	Alt. 1 Make: United	Alt. 1 P/N: 5934PA-3A86	Alt. 1 S/N: 450308												
Altimeter 2 Location: NORSEE	Alt. 2 Make: Garmin	Alt. 2 P/N: G5	Alt. 2 S/N: 4JQ013604												
Altimeter 3 Location: N/A	Alt. 3 Make: N/A	Alt. 3 P/N: N/A	Alt. 3 S/N: N/A												
			I certify that transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F. Transponder Test Date: 8/1/2025 Aircraft Registration: N731NU Maint. Time: 5315.4 WO# 1621 <table border="1"> <tr> <td>Transponder 1 Loc. Center</td> <td>XPDR 2 Loc. N/A</td> </tr> <tr> <td>Transponder 1 Make: King</td> <td>XPDR 1 Model: KT74A</td> </tr> <tr> <td>Transponder 2 Make: N/A</td> <td>XPDR 2 Model: N/A</td> </tr> </table> XPDR 1 S/N: 02429 XPDR 2 S/N: N/A Other work done: None. ADSB PPR report run with no exceedances. Inspector Name: Michael Vanderweide Inspector Signature: <u>[Signature]</u> Date Signed: 8/1/2025 Clear Sky Aviation LLC, Repair Station Certification #3C1R322C, Tel: 434-284-5109	Transponder 1 Loc. Center	XPDR 2 Loc. N/A	Transponder 1 Make: King	XPDR 1 Model: KT74A	Transponder 2 Make: N/A	XPDR 2 Model: N/A						
Transponder 1 Loc. Center	XPDR 2 Loc. N/A														
Transponder 1 Make: King	XPDR 1 Model: KT74A														
Transponder 2 Make: N/A	XPDR 2 Model: N/A														