



AVIONICS MAINTENANCE RECORDS

EXECUTIVE AVIONICS, INC * FORT LAUDERDALE, FLORIDA
CORRELATION TESTS

The following altimeter system and/or altitude reporting equipment tests and inspections as required by FAR 91.411 law FAR 43 Appendix E para (c) have been performed. WO 1416
ALTIMETER LH ☒ RH ☒ P/N 5035P P/N 2812
DATE 0-1-97 Tested to: 20000 ft.
CRS XEJR025L Inspector [Signature]

EXECUTIVE AVIONICS, INC * FORT LAUDERDALE, FLORIDA
PITOT/STATIC SYSTEM CERTIFICATION

The static system meets the requirements of FAR 91.413 and has been tested to and altitude of 20,000 feet.

☒ PILOTS ☐ COPILOTS ☐ AUTOPILOT

CRS XEJR250L Inspector [Signature] WO 1416

AERO
TECH PUBLICATIONS INC.
ROUTE 70 P.O. BOX 99 MORGANVILLE, NJ 07701

AVIONICS MAINTENANCE RECORDS

Aircraft Registration No. **N95PG**

Log Number: **1**

Aircraft Mfg. **Piper**

Model **P28R-200**

Serial No. **28-7535026**

(All applicable information must be filled in)

This Avionics Maintenance Log can not only be used for records of avionics maintenance and Bi-Annual Transponder checks, but also VOT and/or VOR accuracy checks as required by the FAR's for instrument flight.

OWNERSHIP RECORD

Name: **Richard Preiser, Peggy S. Preiser, Gerard A. Preiser**

Address: **2279 NW 75th Avenue, Margate, FL 33063**

Date Purchased: **October 1998**

DATE	TOTAL TIME IN SERVICE	TACH RECORDING METER TIME	DESCRIPTION SIGNATURE & CERTIFICATE NO.
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4/8/82 1327 1377 2.1

9-7-82

AIR MARINE SALES, INC.
3400 Lillian Blvd. Titusville, Fla. 32780
FAA APPROVED INSTRUMENT REPAIR STATION
NO. 708-24

COMPONENT: Encoder
MOD: SD35-P-23
OWNER: Cape Kennedy Comm. Co.
REPAIRS MADE: Repaired Encoder

SERVICEABLE PART
Q.1 Transponder
S/N 3231

Transponder Tests and Inspections required by F.A.R. 91.177 were performed this date and found to comply with F.A.R. 43, Appendix F.

EXD-AIRE RT 777 5829
Make Model Serial No.

Details of this inspection are on file at this Repair Station under W. O. #50356 Date 9-7-82

Cape Kennedy Communications, Inc.
Repair Station 5454

The ATC Transponder Test and Inspections required by F.A.R. 91-122 were performed this date and found to comply with F.A.R. 43 appendix F

ATC Transponder
1. Make Exd Aire S/N 5829
Model RT 777
2. Make S/N
Model

Details of this inspection are on file at CRS 103-2 under W.O. 7401 Date 4 Feb 83

Signed: [Signature]
BRADEN FLYING SERVICE, INC.
CRS 103-2

DATE	TOTAL TIME IN SERVICE	TACH RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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12 Apr 82

Transducer Exchange Unit 5035R P23 Encoder
Altitude S/N 2812. Link checked static
System
Wallace L. King
Braden's Flying Service
CRS 103-2

I certify the Automatic Pressure Altitude Reporting Equipment and ATC Transponder tests and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43, Appendix E.

The Automatic Pressure Altitude Reporting system was tested to 24,000 ft on 4/24/82. Details of these tests are on Work Order #4454

Signature: [Signature]
TEK AMONICS INC. Certified Repair Station #UR4R500M

5/11/93

Transponder Model 6677 S/N 5173. I certify that the ATC Transponder and Static tests and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43, Appendix E.

Signature: [Signature]
3/21/93
Repair Station #28036K
Signature: [Signature]
3/21/93
Repair Station #28036K

The transponder described below was checked in accordance with FAR 43 Appendix F and is satisfactory for return to service.

Make EXD Model RT 777
S/N 5829 Date 11-18-89
Signed: [Signature]
Cape Kennedy Communications, Inc. for CRS 103-2

DATE	TOTAL TIME IN SERVICE	TACH RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5/17/00			TTAF: 3049.4 Work performed during new instrument panel installation: Removed the NARCO DME-190 Receiver and tray from instrument panel. Removed DME Antenna from Station 113.9. Removed all cables and coax. Removed the Narco Nav 112 from the instrument panel. Removed the Narco UGR-3 Glide Slope Receiver and tray from station 173.8; cables from station 128. Removed the Narco Nav 111 receiver from the instrument panel. Removed Edo-Aire RT-661A dual 720 Comm and mounting tray. Removed the Apollo Loran 612B from the instrument panel. Removed Loran antenna and coax from station 126. Removed and replaced the Glide Slope antenna with a new Meridian Electronics Glide Slope antenna, p/n C184-000. No weight difference. Removed Marker Beacon antenna from station 138.0. Replaced with Meridian Electronics Marker Beacon antenna, p/n C183-000 and relocated to station 62.0. Moment re-calculated and entered in revised equipment list. Removed the Edo-Aire AM-660 Audio Panel with Marker Beacon from the instrument panel radio stack. (Note: The Narco MBT-12-R Marker Beacon and Audio Panel shown in the equipment list was removed at some earlier date but the removal was not recorded in the aircraft logbook). Installed new UPS Technologies, Inc., (Apollo) SL10 TSO'd Audio Panel, s/n W05495-N04026M, in the Radio Stack IAW the manufacture's Installation Guide. Installed new UPS Technologies, Inc., (Apollo) SL30 TSO'd Nav/Comm, s/n 6020968 in the radio stack IAW the Manufacture's Instruction Manual. Primary power connected IAW Installation Manual IAW AC 43.13-1B, chapter 11. The Maintenance Information for the SL30 added to the permanent Aircraft Maintenance Manual IAW the Manufacture's Instruction Manual, Appendix B, and/or later FAA approved revisions. SL30 Operation Manual number 560-0403-00 added to the POH. Installed new, a UPS Technologies, Inc. GX60 IFR Approach Certified and TSO'd GPS and Comm radio, s/n 30-6050-602, in the radio stack IAW the manufacture's Installation and Checkout Manual. Installed GPS A-33 antenna, s/n 24680, manufactured by Aero Antenna IAW the manufacture's Installation Guide. Installed UPS Technologies, Inc. ACU (switching relay and annunciator panel in the instrument panel IAW the Installation Manual. Post installation checkout performed IAW GX60 Installation Manual pages 24-29 and found compatible with this aircraft. No ELT interference noted. Added to the Piper POH the FAA approved "Supplement to Pilot's Operation Handbook". The maintenance information for the GX60 added to the Aircraft Maintenance Manual. Installed United Technologies, Inc. (Apollo) SL70 TSO'd Transponder in the radio stack IAW the manufacture's Installation Manual. Functional test performed IAW AC 43.13-1B Chapter 12 and FAR 91.177 and found to comply with FAR 43 appendix F, and AC 43-6A, see avionics log entry below. Performed Correlation Tests and Inspections for the Automatic Altitude Reporting Equipment and ATC Transponder as required by FAR 91.411 IAW FAR 43 Appendix E par (c). The static system meets the requirements of FAR 91.413 and has been tested to an altitude of 20,000 feet. Installed new Ameri-King AK-350 Blind Encoder, s/n 3522542, IAW manufacture's Installation Manual, Document IM-3501001. Encoder designed to meet TSO-C88a requirements. Performed Correlation Tests and inspections as required by FAR 91.411 IAW FAR 43 Appendix E par (c). For the static system check, see end of report. Weight and balance revised for the above changes. Aircraft physically re-weighed. New weight and balance document generated this date.

(cont)

DATE	TOTAL TIME IN SERVICE	TACH RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			All replacement wiring IAW AC 43.13-1B, par 11-78 and 11-97 and is the same capacity as the original. Replacement wiring is MIL 22759/16 and MIL 27500/18 and installed IAW AC 43.13-1B, chapter 11, section 7, par 11-85 through 11-89 and section 8, par 11-96, section 9, par 11-115 through 11-121 and 11-125, section 10 and section 11. Compass swing performed IAW AC 43.13-1B Chapter 12, section 3, par 12-37. Equipment list updated. Generated 337 dated 6/14/2000 for the above modifications. Naples Air Center. Certified Repair Station # CRSX04R655M Signature <u>Robert L. Hane</u> end

NAPLES AIR CENTER, INC.
CRS X04R655M

AIRCRAFT: N95PG DATE: 6-28-01 WORK ORDER: 7834 TACH 3149.5

The purpose of this statement is for the IFR field approval of a GPS system for (enroute domestic, terminal and non-precision approach operation) installed on U.S. Registered Aircraft, N95PG at Naples Air Center. The UPS technologies GX-60 GPS system was installed and VFR field approved on 337 dated December 14, 2000. The installation incorporates a II Morrow GX-60 p/n 6016148, IFR TSO-C129a A1, C374 and C384, Global Positioning system which is installed in the center avionics rack (sta. 56.8) and a UPS Technologies Inc. Apollo Annunciator Control Unit TSO C129a, p/n 430-6080 in the instrument panel (sta. 60.8). The Aero Antenna A-33 GPS Antenna TSO C115b and C129 has a doubler plate and is installed at top of fuselage (sta. 101). The GX-60 GPS meets the requirements of AC 20-138 and AC 20-67B the original installation was approved under STC No. SA00504SE. This follows on installation approval deviates from the original. This installation deviates from the original installation in the following manner:

- 1- This installation is in a Piper PA-28R instead of the original Partenavia Model P68C.
- 2- The GX-60 is interfaced with a Century NSD-360A HSI, Apollo SL30 Nav receiver and a S-tec system 40 Single Axis autopilot.
- 3- An Apollo Annunciator Control Unit is installed and offered as a suitable ACU for the GPS.
- 4- An Aero Antenna A-33 is installed and offered as a suitable antenna for the GX-60 GPS.

The II Morrow GX-60 was interfaced with the NSD-360A and the S-Tec System 40 Single Axis autopilot, utilizing an Annunciator Control Unit. The ACU switches the NSD-360A HSI (#1 Nav Indicator) between VHF NAV-1 (SL30) and GPS (GX-60). The GX-60 was interfaced with an existing SL70 transponder. All displays and annunciators are in pilots primary field of view. Installation of the GX-60 GPS was accomplished IAW Apollo Model GX-60 GPS/COMM Installation Manual P/N 560-0959-03 dated March 1999 and II Morrow Master Drawing List P/N 560-0970-01 dated June 23, 1998. Installation of the Apollo ACU was accomplished IAW Apollo GPS/NAV Annunciator Control Unit Installation Manual P/N 560-1023-00B, Dated April 1999. Interfacing with the NSD-360A HSI was accomplished referencing Century NSD-360A Installation Bulletin No. 734 Rev. 7, dated 5-13-98. Encoding interfacing was accomplished referencing Century referencing S-Tec Installation Manual ST-177, Bulletin No. 277 revision 2, Dated 7-09-90. Reference was also made to AC43.13-1B Chapters 3, 11, 12 and AC43.13-2A Chapters 1, 2, 3, 11. The installation was functionally tested and meets the manufacturers minimum performance specifications. A radiation interference test was accomplished IAW AC20-138, ted removed from instrument panel. Verified current database expires July 11, 2001. Compliance with continuing maintenance of software currency will be maintained. A flight evaluation was conducted to confirm that all systems operate normally, safely, and in accordance with manufacturers specifications and the functional flight evaluation requirements of AC 20-138, paragraph 2(c)(iv). A.B.C.D.E.F.G.H.I.J.K. SEE WORK ORDER # 7834 AND 337 THIS DATE FOR PERTINENT DETAILS.

JOHN T. IRVINE FOR NAPLES AIR CENTER, INC. CRS X04R655M

DATE	TOTAL TIME IN SERVICE	TACH RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 AIRCRAFT: N95PG DATE: 8/14/01 WORK ORDER: 7927 TACH: 3162.1 HOBBS: 136.1 REMOVED SL30 NAV RECEIVER FOR SB2001-003 COMPLIANCE AND AD2001-14-51E. REINSTALLED REPAIRED/UPGRADED SL30 WITH SB2001-003 COMPLETED. REMOVED PLACARD FROM INSTRUMENT PANEL. TESTED NAV USING NAV 401L TEST SET. SEE WORK ORDER # 7927 FOR PERTINENT DETAILS. <i>Robert L. House</i> ROBERT L. HOUSE FOR NAPLES AIR CENTER, INC. CRS X04R655M
			THE STATIC LEAK TEST REQUIRED BY FAR 43, APPENDIX E, PARA (b) HAVE BEEN PERFORMED ON DATE <u>9-10-03</u> BY <u>W# 8984</u> SIGNATURE <u>[Signature]</u> CRS NO. X04R655M CERTIFY THAT THE TRANSPONDER TEST RE- QUIRED BY FAR 43, APPENDIX F, HAS BEEN PER- FORMED ON NO. <u>ONLY</u>, MFG. <u>AROLLO</u>, MODEL NO. <u>SL70</u>, SN <u>8984</u>, DATE <u>9-10-03</u> SIGNATURE <u>[Signature]</u> CRS NO. X04R655M
3-10-05			Remove HSI For service w/ #87908 Replace HSI GROUND OPS NORMAL. FLT TEST AIRCRAFT - OPS NORMAL. <i>[Signature]</i> 265624651A

DATE	TOTAL TIME IN SERVICE	TACH RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			LOGBOOK ENTRY: <u>ARROW</u> <u>N95PG</u> TACH <u>3323.0</u> THE STATIC PRESSURE SYSTEM/TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED TESTED AND INSPECTED IAW FAR 43 APPENDIX E, PAR A & C, APPENDIX F (FAR 91.413) AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE AT THIS REPAIR STATION UNDER W.O. <u>9156</u> DATE <u>MAY 7, 2009</u> SIGNATURE <u>Mark B. Alexander</u> INSP. <u>[Signature]</u> TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A FT. LAUDERDALE FL 33309 FAA APPROVED REPAIR STATION # RZ4R510M FT. LAUDERDALE EXECUTIVE AIRPORT "ARCHER RAMP" TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM SL 70 S/N 6018649 AR 350 S/N 3522542 CERTIFICATION EXPIRES ON <u>MAY 31, 2011</u>
			ALTIMETER SCALE ERROR TESTED AT TROPIC RADIO INC. DATE <u>MAY 7, 2009</u> TROPIC RADIO INC. 2695 N.W. 56TH ST. HANGER 53-A FT. LAUDERDALE, FL 33309 FAA APPROVED REPAIR STATION # RZ4R510M FT. LAUDERDALE EXECUTIVE AIRPORT "ARCHER RAMP" PHONE: 954-776-4030 Make and Model <u>AEROSONIC ALTIMETER</u> Part No: <u>101720</u> Customer: <u>RICHARD PREISEN</u> Serial No: <u>01034</u> Inspected By: <u>[Signature]</u> Date: <u>MAY 7, 2009</u> The component identified above was inspected and functional tested in accordance with current Federal Aviation Regulations and was found Airworthy for Return to Service. Altitude Calibrated to <u>20,000</u> Ft. IAW FAR PART 43, APP. E, (b) (FAR 91.411) Pertinent details of this inspection are on file at this Agency under Work Order # <u>9156</u> Authorized Representative <u>Mark B. Alexander</u> Date <u>MAY 7, 2009</u>

25.00
0.00
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25.00
0.00
USD

DATE	TOTAL TIME IN SERVICE	TACH RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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LOGBOOK ENTRY: Arrow N9SPG Tach 3345.96
 THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED
 TESTED AND INSPECTED I/A/W FAR 43 APPENDIX E, PAR A & C, APPENDIX F (FAR 91.413)
 AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE
 AT THIS REPAIR STATION UNDER W.O. 61511 DATE JUNE 15, 2011

SIGNATURE Mark B. Alicandro INSP. (M80)
 TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A
 FT. LAUDERDALE FL 33309 FAA APPROVED REPAIR STATION # RZ4R510M
 FT. LAUDERDALE EXECUTIVE AIRPORT *ARCHER RAMP*
 TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM
 SL70 S/N 6018649
 AR350 S/N 3522542

CERTIFICATION EXPIRES ON JUNE 30, 2013

ALTIMETER SCALE ERROR
 TESTED AT TROPIC RADIO INC.
 FAA APPROVED REPAIR STA. #RZ4R510M
 DATE JUNE 15, 2011



Make and Model Aerosonic Altimeter
 Part No. 101720 Serial No. C1034
 Customer Richard Preisen
 Inspected By MAA Date JUNE 15, 2011
 The component identified above was inspected and functional tested in accordance with
 current Federal Aviation Regulations and was found Airworthy for Return to Service.
 Altimeter Calibrated to 20,000 Ft. I.A.W. FAR PART 43, APP. E, (b) (FAR 91.411)
 Pertinent details of this inspection are on file at this Agency under Work Order #61511
 Authorized Representative Mark B. Alicandro
 Date JUNE 15, 2011

Sarasota Avionics East
 2633 Lantana Road, Bldg. 214 Lantana, FL 33462
 Date: 08/07/2014
 Tail: N-95PG Make/Model: PIPER PA-28R-200 S/N: 28R-7535026
 Tach: 3384.20

Altimeter 101720 (S/N: C1034) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. Altitude reporting system AK-350 (S/N: 3522542) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14CFR91.217. The ATC transponder GTX-330ES (S/N: 84146877) was tested, inspected and found to comply with App F of 14 CFR 43 and 14CFR 91.413. The static pressure system was tested and inspected in accordance with 14CFR 91.411. All work was accomplished with current manufacturer's manuals and acceptable methods and techniques. Weight and balance has not changed. Details on file under W.O. 50854, dated 08/14, for Sarasota Avionics East CRS# ISER284B.



DATE	TOTAL TIME IN SERVICE	TACH RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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8/1/2014 3383.77 3385.17 Removed SL30 OX 60 GPS/Kern + II Arrow SL 90 FPM RPR + Aero
Aircraft, Installed GNS530 + GTX 330ES + GA35 ANTENNA - See
FORM 339 DATED Aug 9, 2014 For DETAILS

OUT of Date Sequence ↓

MAKE: PIPER
 MODEL: PA-28R-200
 SN: 28R-7535026
 TAIL: N95PG
 TACH: 3435.65



Sarasota Avionics East
 2633 Lantana Rd.
 Hanger 314/Box 39
 Lantana, FL 33462
 941-360-6877

Removed SL30 (PN: 430-6040-301, SN: 302F129) and installed overhauled SL30 (PN: 430-6040-303, SN: 25903983) referencing Garmin manual 560-0404-03D, Rev D. This Aircraft and/or component identified above was repaired and inspected with respect to the work performed in accordance with current regulations of the Federal Aviation Administration and was found airworthy for return to service. Weight and balance has not changed. -END

SIGNED: [Signature]

Garret Pita for CRS # 1SER284B

DATE: 08/07/2014

Details on file under work order #52503, dated 6/8/14

MAKE: PIPER
 MODEL: PA-28R-200
 SN: 28R-7535026
 TAIL: N95PG
 TACH: 3417.32



LAST STATIC +
XPONDER ✓

Sarasota Avionics East
 2633 Lantana Rd.
 Hanger 314/Box 39
 Lantana, FL 33462
 941-360-6877

Added wire from preexisting GNS530W to preexisting GTX330ES IAW Garmin Manual 190-00734-10, Rev 10 per STC SA01714W1. Above install has been documented with FAA form 337 on this date. Performed Software Update v5.00 for GNS530W IAW Garmin Service Bulletin 176b, Rev A. Altimeter 101720 (S/N: C1034) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. Altitude reporting system AK350 (S/N: 3522542) was tested and found to comply with App F of 14 CFR 43, and calibration is in compliance with 14CFR91.217. The ATC transponder GTX330ES (S/N: 84146877) was tested, inspected and found to comply with App F of 14 CFR 43 and 14CFR 91.413. The static pressure system was tested and inspected in accordance with 14CFR 91.411. This Aircraft and/or component identified above was repaired and inspected with respect to the work performed in accordance with current regulations of the Federal Aviation Administration and was found airworthy for return to service. Weight and balance has not changed. -END

SIGNED: [Signature]

Garret Pita for CRS # 1SER284B

DATE: 10/30/2014

Details on file under work order #52081, dated 10/30/14

