



# AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. \_\_\_\_\_

Aircraft Registration No. N 616 AR

Aircraft Manufacturer \_\_\_\_\_

Model \_\_\_\_\_

Serial No. \_\_\_\_\_

## EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

	Mfg.	Model	Serial No.
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____
11.	_____	_____	_____
12.	_____	_____	_____
13.	_____	_____	_____
14.	_____	_____	_____
15.	_____	_____	_____
16.	_____	_____	_____
17.	_____	_____	_____
18.	_____	_____	_____
19.	_____	_____	_____
20.	_____	_____	_____




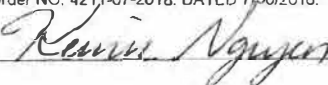
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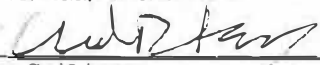
P.O. Box 1359 / Southold, NY 11971-0965  
(631) 765-9375  
1-800-235-6444  
FAX: (631) 765-9359

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DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	MAKE: NEW PIPER AIRCRAFT MODEL: PA-32R-301T S/N: 3257423 REG. NO: N616AR WORK ORDER: 2035-04-2015		<p><b>Neal Aviation, LLC.</b> DATE: 4/14/2015 1860 Joe Crosson Dr A/C TSN: Hangar I HOBBS: 794.6 El Cajon, CA 92020 Phone: 619-663-1000</p> <p><b>Airframe Entries</b></p> <p>(1) I CERTIFY THAT THE ALTIMETER AUTOMATIC PRESSURE ALTITUDE REPORTING AND STATIC SYSTEMS TESTS AND INSPECTIONS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX E.</p> <p>ALTIMETER TESTED TO: 20,000 PILOT ALTIMETER S/N: IN AIRCRAFT</p> <p>I CERTIFY THAT THE ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 (A) HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX F.</p> <p>TRANSPONDER #1 S/N: 84121241</p> <p>MAINTENANCE RELEASE</p> <p>THE AIRCRAFT AND/OR COMPONENT(S) ON N616AR WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FARs RULES OF THE FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER Work Order NO: 2035-04-2015 DATED 4/14/2015.</p> <p>DATE: 4/14/2015 SIGNED:  Work Order: 2035-04-2015 Printed by EBis 3 (datcomedia.com)</p>

	MAKE: NEW PIPER AIRCRAFT MODEL: PA-32R-301T S/N: 3257423 REG. NO: N616AR WORK ORDER: 4211-07-2018		<p><b>Neal Aviation, LLC.</b> DATE: 7/30/2018 Repair Station No. NOER688Y A/C TSN: 681 Kenney St TACH: 1001.5 El Cajon, CA 92020 Phone: 619-663-1000</p> <p><b>Airframe Entries</b></p> <p>(1) I CERTIFY THAT THE ALTIMETER AUTOMATIC PRESSURE ALTITUDE REPORTING AND STATIC SYSTEMS TESTS AND INSPECTIONS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX E.</p> <p>ALTIMETER TESTED TO: 20,000 PILOT ALTIMETER S/N: IN AIRCRAFT COPILOT ALTIMETER S/N: IN AIRCRAFT</p> <p>I CERTIFY THAT THE ATC TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY FAR 91.413 (A) HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR PART 43, APPENDIX F.</p> <p>TRANSPONDER #1 S/N: 84121241</p> <p>MAINTENANCE RELEASE</p> <p>THE AIRCRAFT AND/OR COMPONENT(S) ON N616AR WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FARs RULES OF THE FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER Work Order NO. 4211-07-2018. DATED 7/30/2018.</p> <p>DATE: 7/30/2018 SIGNED:  Work Order: 4211-07-2018 Printed by EBis 3 (datcomedia.com)</p>
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Pacific Coast Avionics		CRS OPXR455L	
Registration: N616AR	Make: PIPER AIRCRAFT	Model: PA-32R-301T	S/N: 3257423
Aircraft Time: Hobbs: 1057.7		Tach: N/A	
<p>Removed Garmin GNS 430W WAAS GPS s/n 97132714, Garmin GNS 430W WAAS GPS s/n 97132845, and all associated installation kits, trays and wiring to facilitate other maintenance. Installed two Avidyne IFD 440 NAV/COMs s/n M194768394 and s/n M194768401 using STC SA00343BO. Installed, configured and tested IAW IFD 440 installation manual 600-00299-000 Rev 19, dated Jan 2020. Post installation ground checks good. NDN. Performed software update on Avidyne IFD440 s/n M194768401, and IFD440 s/n M194768394, updating main software to 10.2.4.1 IAW Avidyne SB 601-00182-034 Rev 09 dated Jan, 2020. NDN.</p> <p>The installation of the Avidyne IFD 440 NAV/COM; Avidyne IFD 440 NAV/COM; have been analyzed in accordance with 14 CFR 43 Appendix A and found to meet the requirements of a Major Alteration as defined by 14 CFR 1.1. An FAA Form 337, dated February 18, 2020 has been completed and filed with the Federal Aviation Administration. All other repairs or alterations noted in this maintenance entry have been analyzed in the same manner and found to be Minor.</p> <p>This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Ed Petkus, work order 20-262.</p>			
Signature:  Chad Robertson		Date: 2/18/2020	

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**Corporate Air Center** **N616AR PA-32R-301T S/N: 3257423 Hobbs: 1225.1**

MING WORK



15452 - Airport Drive  
Burlington, WA 98233  
Phone (360) 757-7757  
Fax (360) 757-1557


Removed and send 0108-PI ser # 0608-15718CDEFGK Autopilot servo to  
Genesys Aerosystems under SRO # R102968 for repair and service.  
Same unit re-installed into aircraft after service.

Pertinent information of work performed is on file under the SRO#  
Operational checks and functions done IAW supplied documents of S-rec  
installation.

System is returned to service at this time.

Airframe TT: 1225.1  
Engine SMOH: 1225.1  
Prop TSO: 1225.1

05/13/2022

  
Gary Ehrheart 3799974

**Corporate Air Center** **N616AR PA-32R-301T S/N: 3257423 Hobbs: 1236.8**



15452 - Airport Drive  
Burlington, WA 98233  
Phone (360) 757-7757  
Fax (360) 757-1557

Removed standby attitude module standby battery P/N 9015607 S/N L18-12230  
Installed standby attitude module standby battery P/N 9015607 S/N F22-11525  
Function check ok

I approve this aircraft for return to service for the work performed above.

08/16/2022

  
Brian Fitzgerald AP40402791A

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**TOTAL**-Carry forward to next page