

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**

AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. # 1

Aircraft Registration No. 6918
 Aircraft Manufacturer PIPER
 Model PA 23-160
 Serial No. 20-2038

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

1.	Mfg.	Model	Serial No.
1.	KING	KMA 24	
2.	KING	KJ 76 A	
3.	KING	KR 87	KI 206
4.	KING	KNS 80	
5.	KING	KI 206	#6009377
6.	KING	KI 227	6-72000 SW 2.2
7.	APOLLO	QX 65	GAS COMP
8.	GARMIN	GNS 80	CBS, WAAS, NAV, COM
9.	GARMIN	GT 106 A	6066102
10.	STEC	6U-2	SW 2.3
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			

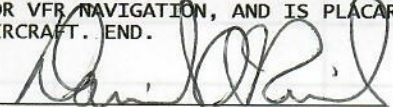


AEROTECH PUBLICATIONS INC.


www.adlog.com
 PO BOX 1359 / SOUTHOLD, NY 11971-0965
 (631) 765-9375
 1-800-235-6444
 FAX: (631) 765-9359

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>I certify the altimeter(s) and static system(s) have been tested to <u>20,000'</u> and found to meet the requirements of FAR 91.411 and FAR 43 App. E. on this date: <u>2-25-04</u> Altimeter Serial No(s): <u>98319</u> Encoder Serial No(s): <u>58633</u> Signed <u>D.A. Neil</u> for Avionics Shop Inc. FAA CRS FP4R188M Tacoma Narrows Airport Gig Harbor, WA 98335</p>
			<p>I certify the transponder(s) system Serial No(s): <u>121586</u> have been tested and found to meet the requirements of FAR 91.413 and FAR 43 App. F. on this date: <u>2-25-04</u> Signed <u>D.A. Neil</u> for Avionics Shop Inc. FAA CRS FP4R188M Tacoma Narrows Airport Gig Harbor, WA 98335</p>

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1026 26TH AVE NW STE A GIG HARBOR, WA 98335 FP4R188M
 LOG ID# 58 26-February-2004 WO# 10865 REF# 10865 HOBBS 2061.1
 N6918 S/N 23-2038 PIPER PA-23-160 Pg 1 / 1


AVIONICS UPGRADE PERFORMED AT THIS TIME. SEE WEIGHT AND BALANCE THIS DATE FOR EQUIPMENT REMOVED AND INSTALLED. FAA FORM 337 THIS DATE GENERATED FOR CNX-80 INSTALLATION AND THE GPS PORTION IS APPROVED FOR VFR NAVIGATION, AND IS PLACARDED AS SUCH. FAA APPROVED FLIGHT MANUAL SUPPLEMENT MADE FOR THE AIRCRAFT. END.

 FP4R188M DANIEL A. NEIL

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1026 26TH AVE NW STE A GIG HARBOR, WA 98335
 LOG ID# 133 13-January-2005 WO# 10865 REF# 10865 HOBBS 2129.0
 N6918 S/N 23-2038 PIPER PA-23-160 Pg 1 / 1

CNX-80 S/N 6066102 UPGRADED TO VERSION 2.0 SOFTWARE AT THE FACTORY, SEE FAA FORM 8130-3 DATED 12/7/2004 BY GARMINAT, CRS# PT0123NM. PROGRAMMED CNX-80 AS REQUIRED. INSERTED INTO P.O.H. THE NEW FAA APPROVED FLIGHT MANUAL SUPPLEMENT. AS PER THE FAA APPROVED SUPPLEMENT, THE GPS SYSTEM IS NOW APPROVED FOR ENROUTE, TERMINAL, PRECISION, AND NON-PRECISION APPROACHES, AS PER PARAGRAPH 1.2 OF THE FLIGHT MANUAL SUPPLEMENT. AIRCRAFT STILL PLACARDED ON THE INSTRUMENT PANEL; "GPS APPROVED FOR IFR NAVIGATION. END.

 FP4R188M DANIEL A. NEIL

LOGBOOK STICKER OUT OF SEQUENCE - Daniel A. Neil FP4R188M

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1026 26TH AVE NW STE A GIG HARBOR, WA 98335 FP4R188M
 LOG ID# 75 19-May-2004 WO# 10865 REF# 10865 AC TT 2085.4
 N6918 S/N 23-2038 PIPER PA-23-160 Pg 1 / 1

RECEIVED FAA APPROVAL FOR GPS IFR CERTIFICATION AND FLIGHT MANUAL SUPPLEMENT. REMOVED VFR GPS PLACARD. INSTALLED A PLACARD ON THE INSTRUMENT PANEL - "GPS APPROVED FOR IFR NAVIGATION" INSERTED FAA APPROVED FLIGHT MANUAL SUPPLEMENT INTO POH. END.

 FP4R188M DANIEL A. NEIL

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1026 26TH AVE NW STE A GIG HARBOR, WA 98335
LOG ID# 141 09-March-2005 WO# 11335 REF# 11355 HOBBS 2149.3
N6918 S/N 23-2038 PIPER PA-23-160 Pg 1 / 1

REPAIRED GLIDESLOPE WIRING FROM THE GNS-480 TO THE STEC PSS AUTOPILOT. SYSTEM CHECKS GOOD.
 REINSTALLED PREVIOUSLY REMOVED WX-950 STORMSCOPE SYSTEM, IN ACCORDANCE WITH L-3 INSTALLATION MANUAL,
 AND CURRENT INDUSTRY PRACTICE. THIS HAS BEEN DETERMINED TO BE A MINOR ALTERATION. UPDATED WEIGHT AND
 BALANCE. END.

[Signature]
 FP4R188M DANIEL A. NEIL

Date: 3/21/05 Registration: N6918 - Gary Papp
 Model: PA23-160 S/N: 23-2038 T.T. 2798 H. 1409.122H
 Visual inspection of the pressure ports
 and the systems and the wiring were done and
 all systems were found to be in good working
 condition and found to be in good working
 condition. Systems checked for proper
 operation.

[Signature]
 M. R. Fla

Date: 3/21/05 Registration: N6918 - Gary Papp
 Model: PA23-160 S/N: 23-2038 T.T. 2798 H. 1409.122H
 Visual inspection of the pressure ports
 and the systems and the wiring were done and
 all systems were found to be in good working
 condition and found to be in good working
 condition. Systems checked for proper
 operation.

[Signature]
 M. R. Fla

3-11-2010

REMOVED WX 950 STORMSCOPE AND
 ANTENNA - WT/BAL CHANGED IN A/C RECORDS
 B. ROWLEN 1612486 ATP

RAPCO, inc.

Air Filter P/N RA-D9-187

Changed at: <i>8400</i> Hrs.	Next Change: <i>8900</i> Hrs.
Date: <i>2-09</i>	Date: _____

MANDATORY REPLACEMENT: 500 hours in service,
 annually, or pump replacement, whichever comes first.
 Hartland, WI 53029 USA

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>Date: 1/13/10 A/C Registration: N6918 Make: PIPER Model: PA23-160 S/N: 23-2038 HOBBS: 2320.6 WO: 044R Updated main software to v2.3 and GPS software to v3.2 14W Garmin software service bulletins 0850 Replace GPS ant with new A33W. Replaced existing AFMS with updated AFMS. System checks good</p> <p>Signed <i>[Signature]</i> Redding Avionics Inc. C.R.S. LDZBJ29K</p>
			<p>Make: Piper Model: PA-23-160 S/N: 23-2038 Reg. No.: N6918</p> <p>Date: April, 2/2010 Hobbs: 2323.4 RN</p> <p>24 month 91.411, 91.413 Inspection is due. Test and inspect altimeter. Performed inspection of Altimeter, Altitude reporting system and static system as required by FAR 91.411 was tested to a pressure altitude of 20,000 feet and found to comply with App. E of Part 43. The ATC Transponder was tested and inspected as required by FAR 91.413 and found to comply with App. F of Part 43. I certify that the aircraft and or component identified therein has been repaired and/or inspected using current manufacturers maintenance data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 182 Dated April 2, 2010 signed <i>[Signature]</i> FAA CRS 7IAR379B</p>
			<p>Make: Piper Model: PA-23-160 S/N: 23-2038 Reg. No.: N6918</p> <p>Date: April, 2/2010 Hobbs: 2323.4</p> <p>Removed the following System 60-PSS Autopilot components: PFGC P/N 0110-1 S/N 4657, Turn Coordinator P/N 600-009-930 S/N B725116, Radio Coupler P/N 1C388-M S/N 8087-G, System 60 PSS Programmer P/N 0117 S/N 1118A, Roll Servo P/N 1C363-1-184R S/N 9086A, Autopilot Controller P/N 1C385 S/N 2142-E Installed the following System 60-2 P/N ST-486 components for upgrade to System 60-2: Turn Coordinator P/N 0103-1 S/N 00103-1001-01971H, Sys 60-2 Programmer P/N 0103-1 S/N 00103-1001-01971H, Sys 60-2 PFGC P/N 0110-1 S/N 00110-1001-06646, Sys 60-2 RFGC P/N 0109-13 S/N 00109-1001-05579, Roll Servo P/N 0105-R9. System 60-2 Two-Axis Autopilot P/N ST-486 installation was done in accordance with STC # SA7815SW-D, Revision 2. Installed and Integrated multi-contact relay RS12-020 P/N RS12-020 S/N 3393 to Nav1 and Nav2 in accordance with NAT RS12/24 Installation Manual Rev. 4, dated Nov. 24, 2003 Updated the aircraft weight and balance and equipment list. Submitted all required FAA Paperwork. Reference FAA Pre-Approved 337 dated 4/02/2010 found in the aircraft's maintenance records. I certify that the aircraft and or component identified therein has been repaired and/or inspected using current manufacturers maintenance data, and current Federal Aviation Regulations and approve said item for return to service. Details are on file at Aerial Avionics under work order 182 Dated April 2, 2010 signed <i>[Signature]</i> FAA CRS 7IAR379B</p>

