

AIRCRAFT LOG

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	MIN	
11/23/83	074	AT	DARTIC 2183				
<p>ALL STRUCTURES INSPECTED AS REQUIRED FLIGHT CONTROL SURFACES CHECKED FOR SECURITY AND PROPER TRAVEL. WINDRES, PUSHRODS, BELLECRANKS AND PULLIES LOBED AS REQUIRED. CABLES INSPECTED FOR CONDITION AND TENSION. ATTACH POINTS CHECKED FOR WINGS, TAIL SURFACES AND LANDING GEAR. LANDING GEAR CHECKED FOR INTEGRITY. NOSE GEAR STRUT CHECKED FOR PROPER TOLERATION AND LOBED AS REQUIRED. SHIMMY DAMPER AND STEERING SYSTEM CHECKED FOR CONDITION AND LUBED AS REQUIRED. TIRES CHECKED AND SERVICED. BRAKES CHECKED. REPLACED DISC AND BRAKE PADS ON RIGHT SIDE. FLT BATTERY REPLACED (EXPIRE DATE 9/86). EXTERIOR LIGHTING CHECKED. AD 28-13-01 GESSARD FUEL TANKS C/W BY INSPECTION AND INSTALLATION OF PLACARD. AD 28-07-12 BENDIX SMOOTH C/W BY OPERATIONAL CHECK. AD 81-15-03 BRACKET ASSEMBLY C/W BY INSTALLATION OF IMPROVED TYPE. AD NOTES CHECKED THROUGH BINDER. 83-20 SEE REAR OF LOGBOOK</p> <p style="text-align: center;">END</p>							

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

DATE		REMARKS
11/23/83		

AIRCRAFT LOG



Replace ELT Batteries
04 APRIL 2023

AIRCRAFT DESCRIPTION

Registration No. N3154W

Model: PA-28-161 Popular Name: WARRIOR III

Serial No.: 2842273 Type Certificate No.: 2A13

Colors: 30009HD
WHITE

Engine Manufacturer: LYCOMING Serial Numbers: Single L-20149-39E

Original Engine Model: O-320-D3G Left _____

Right _____

Propeller Manufacturer: SENSENICH Hub or Serial Number: Single A60996

Original Propeller Model: 74DM6-D-60 Left _____

Right _____

AUDYNE

Blade Numbers

P.F.D.

Model # 700-00006-002 R12 Left _____

710-00053-002 R01 Right _____

S/N 23743136 _____

N.F.D.

Model # 700-00004-006 R13 _____

S/N 20013157 _____

2006 MODEL

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

PAINT TYPE: Dupont Imron Polyurethane

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
JUL 03 2006	Brought Forward →	5.3		
			I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.	
			Dated JUL 03 2006	
			<i>John S. Hambleton</i> ODARF-511281-OE John S. Hambleton	
			THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO 20,000 FT. ON (Pri) 5/4/06 (Sec) 4/4/06	
			SIGNED <i>John S. Hambleton</i> DATE JUL 03 2006	
			John S. Hambleton The ELT is installed per FAR 91.207. Battery replacement date July 2008	
			<i>John S. Hambleton</i> ODARF-511281-CE The New Piper Aircraft, Inc.	
Total To Carry Forward		5.3		

John S. Hambleton

Registration No. N3154W

and Remarks Signature Certificate No.

The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.
ATC Transponder:
1. Make Garmin Model GTX330 S/N 84121804
2. Make NA Model NA S/N NA
Details of this inspection are on file at this facility under
S/N 2842273 Date 10/6/06
O.A. Inspector *John S. Hambleton*
THE NEW PIPER AIRCRAFT, INC.
VERO BEACH, FLORIDA

John S. Hambleton


THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS

DATE: 10/6/06 SIGNED *John S. Hambleton*
John S. Hambleton

AIRCRAFT LOG

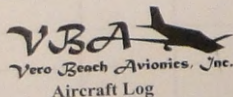
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
<p>MAKE: Piper MODEL: PA-28-161 SN: 2842273 REG. NO: N3154W WORK ORDER: 2083-08-2006</p> <p>The New Piper Aircraft, Inc. 2926 Piper Drive Vero Beach, FL 32960 Repair Station No. ZPAR410X</p> <p>DATE: 8/10/2006 TTA: 5.50 HOBBS: 5.50</p> <p>Airframe Entries Trim paint added to aircraft by Piper Paint Shop on wo 614024....</p> <p>The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacturer's Process Spec. and Type Design Data and with respect to the work performed is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.</p> <p>DATE: 8/10/2006 SIGNED: <i>Mark Haas</i> Certified Repair Station No. ZPAR410X</p> <p>WORK ORDER: 2083-08-2006 Printed by EBis (http://www.datamedia.com)</p>				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
		
Date: 8/14/2006 Hobbs: 5.5 WO#: 5246		Reg#: N3154W Aircraft S/N: 2842273
Installed Tail Strobe light IAW New Piper Aircraft, Inc. Dwgs No. 104295, and 104294. Ground checked without discrepancy.		
<p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.</p>		
<p>Signature: _____ FAA A&P Vero Beach Avionics, Inc. Vero Beach, FL 32960 (772) 299-0770</p>		

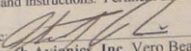
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			



Date: 8/14/2006
 Hobbs: 5.5
 WO#: 5232
 Installed Garmin GI-106A in pilots instrument panel, interfacing the GI-106A to the #2 GNS430 NAV/OBS info only.
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Reg#: N3154W
 Aircraft S/N: 2842273

Signature: 
 Vero Beach Avionics, Inc. Vero Beach, FL. 32960 (772) 299-0770

FAA CRS VQVR013Y

Total To
 Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.

MAKE: Piper
 MODEL: PA-28-161
 S/N: 2842273
 REG. NO: N3154W
 WORK ORDER: 2101-08-2006

The New Piper Aircraft, Inc.
 2625 Piper Drive
 Vero Beach, FL 32960
 Repair Station No. ZPAR410X

DATE: 8/23/2006
 TTA: 8.20
 HOBBS: 6.20

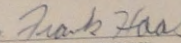
Airframe Entries

Replaced landing light seal P/N 167-606. Installation acceptable. Trimmed black gap seal under left wing to fuselage. Rework acceptable. Found pilot and static lines disconnected at PFD. Performed pitot/static leak test. Test acceptable.

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacturer's Process, Spec. and Type Design Data and with respect to the work performed is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE: 8/23/2006

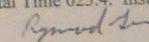
SIGNED:



Certified Repair Station No. ZPAR410X

WORK ORDER: 2101-08-2006

Printed by EBis (http://www.datcomedia.com)

30 Aug. 2006, Hobbs Time 025.4, Total Time 025.4. Installed new Alternator inoperative switch, P/N A00258-2.  A&P 526888956

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
05 JAN 2007	Hobbs time 50.7	total time 50.7		Inspected and serviced in accordance with Piper's 50 hour checklist. Serviced struts with N ₂ . Checked Gascolator Screen. No No leaks noted on engine test run. D. J. Smith A&P 527 87 8542

21 June 2007. Hobbs time 96.0, Total Time 96.0. Inspected and serviced in accordance with Piper's maintenance manual for a 100 hr. inspection. Inspected ELT in accordance with F.A.R. 91.207 (d). Battery due date July 2008. Installed new BA-16 induction air filter. Installed fuel tank capacity placards by fueling ports both left and right wing. Set cable tensions to correct tensions for Ailerons, flaps, stabilator and rudder. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
D. J. Smith A&P 527878542 I.A.

Registration No. _____

and Remarks _____ Signature _____ Certificate No. _____

PIPER WARRIOR III N3154W HOBBS:102.30 S/N:2842273 DATE:10-02-2007
REMOVED DEFECTIVE MFD AVIDYNE EX5000 P/N:700-00004-006 REV.12
S/N:23971086 & SENT IT TO FACTORY FOR NEW EXCHANGE INSTALLED
NEW MFD AVIDYNE EX5000 P/N:700-00004-006 S/N:20013157 IN SAME
POSITION & TRAY. RECONFIGURED UNIT TO ORIGINALS PARAMETERS &
CHECKED COMMUNICATIONS WITH NAVIGATION SOURCES 1AW AVIDYNE
INSTALLATION MANUAL. NO WEIGHT BALANCE CHANGE.
A FAA FORM 8130-3 WERE PROVIDED.
SONORA AVIONICS INC DBA
SOUTHWEST AVIONICS NYRR723K

June 26, 2008. Hobbs Time 139.1. Total Time 139.1. Inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. Inspected ELT in accordance with FAR 91.207 (d). Battery replacement date is July 2008. Installed new induction air filter BA-16. Installed serviceable wheel, disk, and condor 6X6 tire on right main gear. Installed serviceable wheel, disk, and new condor 6X6 tire on right main gear. Engine was test ran. No leaks noted. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. A&P 527878542 I.A.
D. J. Smith

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance and Rep
	This Date	Total		



4500 Aviation Way Safford, AZ 85546
 P: 928-428-4755 F: 928-428-7824 E: PonderosaAvionics@hotmail.com

MAKE: Piper MODEL: PA-28-161 SN: 2842276 REG: N3154W Hobbs: 140.3
 I certify the Altimeter, Static, ATC Transponder Systems tests required by FAR 91.411 and 91.413 have been performed IAW FAR part 43 App E & F to 20,000 ft

Transponder Make: Garmin Model: GTX 330 SN: 84121804
 Altimeter Make: United Model: 5934PD-3 SN: 453979
 Encoder Make: Ameri-King Model: AK350 SN: 63902

The aircraft, airframe, aircraft engine, or appliance(s) identified above has/have been repaired and inspected IAW current regulations of the FAA and is approved for return to service.

Date: 6/27/08

Details on file WO # 8036 this repair station
 Signed: *[Signature]* Accountable Manager FAA CRS: EHSR545D

Total To			
Carry Forward			

Registration No. _____

Certificate No. _____

08-15-08 N#3154W Hobbs: 149.1 Removed ELT transmitter from aircraft. See new weight and balance computed this day in POTH Instrument panel placarded.
Rich Nelson A&P3253535

2 Sept. 2008. Installed Ameri-King ELT model AK-450, remote and associated wiring. Amended Aircraft weight and balance data and updated equipment list. Repaired broken wire on alternator fuse holder. Ops check satisfactory.
Raymond [Signature] A&P 526888956

12-01-08 N# 3154W Hobbs: 191.0 Installed new Schrader valve in left main strut and re-serviced with 5606 oil and nitrogen.
Rich Nelson A&P3253535

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

16 March 2009. Hobbs Time 238.4, Total Time 238.4. Inspected and serviced in accordance with Piper's maintenance manual for a 100 hr. inspection. Inspected ELT in accordance with F.A.R. 91.207(d). Installed new batteries, new battery due date March 2015. Installed new bracket and serviceable fire extinguisher. Installed new GE 327 Lamp in compass. Installed new, right side main, tire with serviceable disc and repacked wheel bearings. Serviced all three struts with nitrogen. Torqued right main center torque link bolt and re-cotter pinned. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
Raymond Allen A&P 526888956 L.A.

04-20-2009 Hobbs: 261.4 Total Time: 261.4
 Airframe Log Entry for Piper PA28-161 S/N
 2842273 N# 3154W Removed left main
 wheel assembly and installed built up wheel
 assembly with new 6.00 X 6 tube and new
 Condar 6.00 X 6-6 ply tire supplied by
 Cochise College
Keith Nelson A&P 3253535

Total To
 Carry Forward

Registration No. _____

29 July 2009. Hobbs Time 337.5, Total Time 337.5. Inspected and serviced in accordance with Piper's maintenance manual for a 100 hr. inspection. Inspected ELT in accordance with F.A.R. 91.207 (d), battery replacement date March 2015. Installed current fire extinguisher. Installed new BA-16 induction air filter. Set aileron cable tension to specification. I certify that this Aircraft has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition.
Raymond Allen A&P 526888956

29 Sept. 2009. Installed serviceable battery, G242. Ops check satisfactory.
Raymond Allen A&P 526888956

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

7 Jan. 2010. Hobbs Time 431.2, Total Time 431.2. Inspected and serviced in accordance with Piper's maintenance manual for a 100 hr. inspection. Inspected ELT in accordance with F.A.R. 91.207 (d), Battery due date March 2015. C/W 500 hr. inspection on flap handle clevis bolt, installed a new An23-11 clevis bolt. C/W 500 hr. inspection on rudder and horn clevis bolts. C/W 500 hr. inspection stabilator trim drum, cleaned, inspected and lubricated trim drum. Serviced brake reservoir with 5606. Installed new fuel strainer gasket P/N 462-049. Installed new nav lamp, lft nav light. Set rudder, aileron and stabilator cable tensions to specifications. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Raymond Gu A&P 526888956 I.A.

Total To Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.



4500 Aviation Way Safford, AZ 85546
 P: 928-428-4755 F: 928-428-7824 E: PonderosaAvionics@hotmail.com

MAKE: Piper MODEL: PA-28-161 SN: 2842276 REG: N3154W Hobbs: 485.2
 I certify the Altimeter, Static, ATC Transponder Systems tests required by FAR 91.411 and 91.413 have been performed IAW FAR part 43 App F & F to 18,000 ft

Transponder	Make: Garmin	Model: GTX 330	SN: 84121804
Altimeter	Make: United	Model: 5934PD-3	SN: 453979
Encoder	Make: Amer-King	Model: AK350	SN: 63902

The aircraft, airframe, aircraft engine, or appliance/s identified above has/have been repaired and inspected IAW current regulations of the FAA and is approved for return to service.

Details on file WO # 10060 this repair station

Date: 7/8/10

Signed: *Russel Hardy*
 Russel Hardy

Accountable Manager FAA CRS: EHSR545D

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-26-2010				
HOBBS: 514.6 TTAF: 514.6 Airframe log entry for PA-28-161 S/N 2842273 N# 3154W Serviced magnetic compass (wet) with compass fluid. Swung compass and generated new compass card.				
	FOR	STEER	FOR	STEER
	0/360	359	180	181
	30	29	210	210
	60	58	240	240
	90	90	270	271
	120	124	300	302
	150	154	330	332
Note: All radios on. <i>Beck Nelson</i> A&P 3253535				
Total To Carry Forward				

Registration No. _____

Signature _____

Certificate No. _____

and Remarks

10 Jan. 2011. Hobbs Time 523.5, Total Time 523.5. Inspected and serviced in accordance with Piper's Service manual for a 100 hr. inspection. CWF A.R. 91.207 (d), battery replacement date March 2015. Installed new left main tire, repacked wheel bearings. Installed new brake linings. Installed new left nav lamp. CWA D. 2010-15-10 by inspection. Shaft was installed correctly. No further action required. A.D. 2010-26-04 N/A. STC not installed. Serviced struts with nitrogen. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
Raymond Lee
 A&P 526888956 I.A.

28 Sept. 2011. Hobbs Time 621.9, Total Time 621.9. Inspected and serviced in accordance with Piper's Service manual for a 100 hr. inspection. Inspected ELT in accordance with F.A.R. 91.207 (d), battery replacement date March 2015. Installed new left main tire and new nose tire. Repacked wheel bearings in nose tire and left main. Set rudder cable tension to 40 lbs. Secured flood light rheostat. Installed new left and right front sun visors P/N 65866-00. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.
Raymond Lee
 A&P 526888956 I.A.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Entry	Total		
6 Nov. 2013.	Hobbs Time 756.3, Total Time 756.3			Inspected and serviced in accordance with Piper's Service manual for a 100 hr. inspection. Inspected ELT in accordance with F.A.R. 91.207 (d), battery replacement date March 2015. Installed a new BA-16 induction air filter. Installed new O-ring, P/N MS28775-224, Seal P/N 484-770 & Wiper P/N 187-625 in nose strut and serviced with 5606 hydraulic fluid and nitrogen. Repainted battery box. Installed new brake and serviced with 5606 hydraulic fluid and nitrogen. Serviced main gear struts with linings P/N 66-105 in right main landing gear brake caliper. Serviced main gear struts with nitrogen. Installed new pilot side adjustment knob, P/N 471-084. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

A&P 527878542 I.A.

Danny P. Pison

N3154W

21 Nov. 2013. Hobbs Time 0773.2, Total Time 0773.2. This Aircraft has been inspected, all Applicable A.D.'s have been complied with, and has been found safe for the intended flight/ferry in accordance with the Special flight permit on November 26, 2013.

Raymond
A&P 526888956

Total To
Carry Forward

Registration No. _____

and Remarks		Signature	Certificate No.
DATE:	5-Dec-13	FALCON EXECUTIVE AVIATION, INC. 4766 E. FALCON DR. MESA, ARIZONA 85215 FAA APPROVED REPAIR STATION NO. X0FR185J	SVC- 4884
REG NO:	N3154W		TACH N/A
MODEL:	PA-25-161		HOBBS 775.0
SERNO:	2842273		
Removed Avidyne EX5000 MFD P/N 700-00004-006, S/N 20013157 and replaced existing software flash card P/N 530-00180-002, Rev 4 with new software flash card P/N 530-00201-002, Rev 1 and reinstalled in aircraft. Performed Avidyne Service Bulletin #601-00004-087, Rev 02 dated June 01, 2011 and ground operational checks satisfactory.			
The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.			
AUTHORIZED SIGNATURE: <i>Danny Pison</i>			CRSX0FR185J
Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above			

06 May 6, 2014, Hobbs Time 829.7 hours. Resealed right pilot and co-pilot brake master cylinders and serviced with 5606 hydraulic fluid. Operational test satisfactory. A&P526516057

for Walter

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

16 May 2014. Hobbs Time 836.2 hours. Installed new Gill battery G-243 s/n G02808406. Repaired fiberglass air intake tube forward section. A&P 527878542

[Signature]

23 July 2014. Hobbs Time 854.2 hours, Total Time Airframe 854.2 hours. Inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. Replaced ELT batteries with new. Inspected ELT in accordance with FAR 91.207 (d). Operational check satisfactory. New battery replacement date is DEC 2023. Installed rivet-nuts for left and right wing bolt covers. Installed new tire on left main on serviceable wheel and disk assembly cleaned inspected and repacked wheel bearings. Installed new "AVGAS" placard on right wing fuel tank. Installed new flap step warning placard p/n 35664-02. C/w trim drum 500 hour clean and lube. Installed new induction air filter BA-16. Resealed left and right struts and serviced with 5606 and N₂ to proper extension. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P 527878542

[Signature]

Registration No. _____

and Remarks	Signature	Certificate No.
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DATE:	28-Jul-14	FALCON EXECUTIVE AVIATION, INC.	SVC:	540
REG NO.:	N3154W	4766 E. FALCON DR.	TACH:	N/A
MODEL:	PA-28-161	MESA, ARIZONA 85215	HOBBS:	856.2
SERNO:	2842273	FAA APPROVED REPAIR STATION NO. X8FR185J	XPDR:	GTX330
			CEILING:	20,000

I certify that the altimeters and static system tests required by 14 CFR 91.413 have been performed, this date, and that the ADC Altimeter, Standby Altimeter and static system meets the requirements of Appendix E of 14 CFR Part 43. Both The Altimeters were tested to 20,000 feet.

I certify that the transponder tests required by 14 CFR 91.413 have been performed, this date, and that the Mode S transponder meets the requirements of Appendix F of 14 CFR Part 43.

Transponder Serial No.: 84121804
The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service.

AUTHORIZED SIGNATURE: *[Signature]* CRSX0FR185J

Pertinent details of work accomplished on this aircraft are on file at this agency under the work order number above.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Date: 09/16/2014				ARIZONA AIRCRAFT MEDIC LLC
Reg: N3154W				Mx Hobbs:
Make: Piper				Model: PA-28-161
				S/N: 2842273
				1. Replaced Nose Tire and Tube.
				2. Repacked Wheel Bearings.
James Scott				#2745639 A&P/IA
Total To Carry Forward				

Registration No. _____

Signature	Certificate No.

06 November 2014. Hobbs Time 954.0, Total Time Airframe 0954.0 hours. Inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. Inspected ELT in accordance with FAR 91.207 (d). operational check satisfactory. Battery replacement date is ~~March~~ ^{Dec} 2023. The brake reservoir was serviced with hydraulic fluid 5806. Inspected both rudder clevis bolts and flap clevis bolt and found to be in serviceable condition. Installed new induction air filter BA-16. The fire extinguisher was replaced with a serviceable unit. A new battery part number 9015607 serial number H14-11228 was installed in backup attitude indicator. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. A&P526516057 *[Signature]*

EMERGENCY BATTERY REPLACEMENT
 Affix this label in aircraft logbook.
 Recommended battery replacement 3 years from date of manufacture. Order replacement battery from: Mid-Continent Instruments and Avionics at 800-821-5212.
 Date of Manufacture: Aug 14

REGISTERED AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
February 11, 2015.		1054.0		Inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. Inspected ELT in accordance with FAR 91.207 (d), operational check satisfactory. Battery replacement date is DEC 2023. New co-pilot side floor panel was installed p/n 65674-015. Overhead dimmer knob jam nut retightened. Installed new nose wheel bearings and repacked wheel bearings. Carburetor heat cable was lubed. New left brake linings were installed p/n 66-105. Installed new right tire on serviceable wheel and disk and repacked wheel bearings. The left and right wing struts were serviced with nitrogen. Installed new induction air filter BA-16. I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition. A&P526516057 <i>[Signature]</i>
8 April 2015,		1104.3		Missing right Navigation light lens replaced with new lens p/n W1284G. A&P3789786 <i>[Signature]</i>
Total to Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
28 August 2015. Tach Time is 1153.2 hours. Total Time Airframe is 1153.2 hours. The aircraft was inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. The ELT was inspected in accordance with FAR 91.207 (d). Operational check was satisfactory. Battery replacement date is DEC 2023. New induction air filter BA-16 was installed. Engine primer nozzles were removed, cleaned, inspected, and reinstalled. Loose door stop arm screw was secured. Struts were all serviced with nitrogen within extension limits. Serviced brake reservoir with hydraulic fluid type 5606. Battery was serviced and charged. 500 hour trim drum clean and lube was completed. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P3789786LA <i>[Signature]</i>		
10 September 2015, Hobbs time 1,159.0 hours. Alternator was replaced with new unit p/n ALU-8521LS s/n H-P081262. Operational check was satisfactory. A&P3789786 <i>[Signature]</i>		
November 19, 2015. Hobbs Time is 1252.7 hours. Total Time Airframe is 1252.7 hours. Cylinder #2 gasket was replaced with new p/n 71973. A&P3789786 <i>[Signature]</i>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
November 19, 2015.				

Hobbs Time is 1252.7 hours. Total Time Airframe is 1252.7 hours. Inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. Inspected ELT in accordance with FAR 91.207 (d), operational check satisfactory. Battery replacement date is December 2023. The brake reservoir was serviced with hydraulic fluid 5606. Rudder static wick was replaced with a new one. AD2015-20-13 does not apply by serial number. New tire condor 6X6 tire and tube were installed on serviceable wheel and disk on left main gear, repacked wheel bearings. Left strut was serviced with nitrogen within limits. Installed new induction air filter BA-16. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. A&P3789786

Paul M. J. [Signature]

Total To
Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
January 13, 2016. Hobbs Time is 1303.5 hours. Left hand main gear brakes were bled. Brake fluid reservoir was serviced with hydraulic fluid type 5606. Operational check was satisfactory. A&P3789786	<i>[Signature]</i>	

March 25 2016. Hobbs Time is 1352.8 hours. Total Time Airframe is 1352.8 hours. Next 100 hour inspection due at 1452.7 hours. Inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. Inspected ELT in accordance with FAR 91.207 (d), operational check satisfactory. Battery replacement date is December 2023. Removed and replaced battery P/N G-243 S/N G02912060. Cleaned and inspected primer nozzles. Removed and replaced induction air filter PN BA-16. Painted RH wing IB walk area with anti-slip paint. Removed and replaced trim shaft and bushings. The brake reservoir was serviced with hydraulic fluid 5606. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. A&P2751351

[Signature]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
July 12, 2016		1437.3		<p>The aircraft was inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. The ELT was inspected in accordance with FAR 91.207 (d). Operational check was satisfactory. Battery replacement date is DEC 2023. New Condor 6.0 X 6.0 tire was installed on right main gear on serviceable wheel and disk assembly and repacked wheel bearings. New induction air filter BA-16 was installed. Engine primer nozzles were removed, cleaned, inspected, and reinstalled. Wing aft spar attachment bolts were retorqued. Struts were all serviced with nitrogen within extension limits. Serviced brake reservoir with hydraulic fluid type 5606. Battery was serviced and charged. Flap handle clevis bolt inspection was completed. Rudder horn clevis bolt inspection was completed. Trim drum clean and lube was completed. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P37897861A</p>

July 12, 2016 Tach Time is 1437.3 hours. Total Time Airframe is 1437.3 hours. New Condor 6.0 X 6.0 tire was installed on right main gear on serviceable wheel with new disk part number 164-02000 and repacked wheel bearings. New brake lining part number 66-105 (4ea) was installed on both left and right mains. A&P37897861A

Registration No. _____

Signature _____

Certificate No. _____

and Remarks

November 28, 2016. Hobbs Time is 1534.7 hours. Total Time Airframe is 1534.7 hours. The aircraft was inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. The ELT was inspected in accordance with FAR 91.207 (d). Operational check was satisfactory. Battery replacement date is DEC 2023. ELT access panel screw was replaced p/n 486-281 with new. Engine oil sender was replaced with new unit p/n 486-440 s/n 3060-00018.26307. Seat springs for co-pilot seat were replaced with new spring p/n 487-351 and p/n 487-352. New Condor 6.0 X 6.0 tire was installed on left main gear on serviceable wheel and disk assembly and repacked wheel bearings. New Condor 5.0 X 5.0 tire was installed on nose with serviceable wheel assembly and repacked wheel bearings. Nose strut was resealed and serviced with hydraulic fluid type 5606 and nitrogen. Struts were all serviced with nitrogen within extension limits. New induction air filter BA-16 was installed. Wing aft spar attachment bolts were retorqued. Serviced brake reservoir with hydraulic fluid type 5606. Battery was serviced and charged. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. A&P3789786

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
October 25, 2017.				Hobbs Time is 1823.8 hours. Total Time Airframe is 1823.8 hours. Next 100 hour inspection is due @ 1923.5 hours Hobbs time. Inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. Inspected ELT in accordance with FAR 91.207 (d), operational check satisfactory. Battery replacement date is December 2023. All tires were checked and serviced with air within limits. Right wing white navigation lamp was replaced with a new lamp. Main landing gear was lubed. All control pulleys, cable ends, and rod ends were lubed. Stabilator control cable tensions were adjusted within limits. All other control cable tensions were checked and within limits. The main battery was removed, serviced and reinstalled. AD2017-14-04 for oil cooler hoses is not applicable Teflon hoses meet TSO-C53a Type D requirements. The induction air filter p/n BA-16 was replaced with a new filter. Brake reservoir serviced with hydraulic fluid type MIL-H-5606. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. A&P 3419257 <i>Dary L Lu</i>
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
January 23, 2018. Hobbs Time is 1923.0 hours. Total Time Airframe is 1923.0 hours. Inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. AD2017-16-01 complied with by inspection and functional test in accordance with section 3.4, "Periodic Maintenance," of Ameri-King Corporation Document IM-450, "INSTALLATION & OPERATION MANUAL," Revision A, dated October 18, 1995; ELT M/N: AK-450 S/N: 491943. The ELT was inspected in accordance with FAR 91.207 (d), operational check was satisfactory. The battery replacement date is December 2023. The rudder horn clevis bolts were inspected and found to be serviceable. The flap handle clevis bolt was inspected and found to be serviceable. Trim drum was cleaned and lubed. All other control cable tensions were checked and within limits. Brake reservoir serviced with hydraulic fluid type MIL-H-5606. All control pulleys, cable ends, and rod ends were lubed. Main landing gear was lubed. The main battery was removed, serviced and reinstalled. All tires were checked and serviced with air within limits. All struts were checked and serviced with nitrogen within limits. The induction air filter p/n BA-16 was replaced with a new filter. New gaskets were installed on fuel strainer and auxiliary fuel pump part numbers 751-872 and 462-049. Aileron bolts both left and right were repositioned and secured. Left brake linings were replaced with new linings p/n 66-105 replaced cabin entry step with a new bolt p/n AN3-6A, washers p/n AN960-10 and AN960-10L, and nut p/n MS21042-3. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P 3789786-1A <i>Dary L Lu</i>		

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
February 20, 2015.				Hobbs Time is 1966.0 hours. Carburetor heat control cable was replaced with part number 554-093. Engine was test ran. Operational check was satisfactory. A&P 3419257 <i>Darryl Lee</i>
March 14, 2018.				Broken static wicks were replaced with two new static wicks on right aileron. A&P3789786 <i>Darryl Lee</i>
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p><u>NEW PIPER PA-28-161 S/N:2842273 N3154W TACH:2005.01 DATE:04/18/2018</u> Removed Transponder GTX330 s/n:84121804., Encoder AK-350 s/n:63902 Installed new Garmin Transponder GTX345 s/n:3EG020734 p/n:011-03302-00, Encoder A30.9 s/n:148458 completed pitot static leak check and Altimeter/Encoder Correspondence. IAW Garmin Installation Manuals p/n:190-00734-10 rev.9, date December 2017, p/n: 190-00734-11 rev.6 date December 2017, ACK installation manual A30M rev.06 date February 2015, STC#SA01714WI, AC43.131B/2B, AC20-172A, FAR 91-227 and AC20-165B. Tested units IAW Installation manuals listed above. Weight & Balance negligible. File 337 form this date. Provided customer with FAA Approved Flight Manual Supplement & Instruction for Continued Airworthiness. SONORA AVIONICS, INC DBA SOUTHWEST AVIONICS NYRR723K <i>[Signature]</i></p>		
<p><u>New Piper PA-28-161 S/N:2842273 N3154W TACH:2006.5 DATE:4/18/18</u> Completed flight test on Garmin GTX345 s/n:3EG020734 p/n:011-03302-00 IAW Garmin Installation manual s/n:190-00734-10 rev.9 date 12/2017. Flight test completed satisfactory by Pilot: <u><i>H. H. H.</i></u> Certificate No. <u>3640976</u> SONORA AVIONICS, INC DBA SOUTHWEST AVIONICS NYRR723K <i>[Signature]</i></p>		

TACH: 2005.0 ALTIMETER SCALE ERROR, 5079 ACI
W/O# 9080 Customer: N 3154W
Part# 57347D-3 Serial# 453775

Altitude Pressure		Altitude Pressure	
Test PT (FT)	Indicator readings at + 25 c	Test PT (FT)	Indicator readings at + 25 c
-1,000	910	8,000	30,000
0	000	10,000	35,000
500	500	12,000	40,000
1,000	1010	14,000	45,000
1,500	1510	16,000	50,000
2,000	2020	18,000	55,000
3,000	3020	20,000	60,000
4,000	4020	22,000	70,000
6,000	6010	25,000	80,000

Aircraft Type: _____
SONORA AVIONICS INC. FAA C.R.S. NYRR723K

I certify that Encoder, Altimeter & Static system tests required by FAR 91.411 have been performed & found to meet the standards of FAR Part 43 appendix E. The altimeter has been tested to 20,000 ft. Performed ATC transponder test & inspection. Unit found to comply with FAR 91.413 and appendix F of FAR Part 43. Date: 4/17/18
Signed: _____
DBA Southwest Avionics FAA NYRR723K SONORA AVIONICS, INC.
N 3154W TACH: 2005.0 W.O.# 9080

ALTIMETER MODEL 57347D-3
S/N 453775 CERTIFIED TO 30,000 FT.
FT. PER FAR PART 43 APPENDIX E
THIS DATE: 4/17/18

ENCODER MODEL ACK A30.9
S/N 148458 MATCHED TO
ALTIMETER S/N 453775
30,000 FT THIS DATE: 4/17/18

AIRCRAFT STATIC SYSTEM HAS BEEN TESTED AND FOUND TO COMPLY WITH FAR (a) APPENDIX E FAR PART 43 THIS DATE: 4/17/18

TRANSPONDER MODEL GTX345
S/N 3E9020734 MEETS OR EXCEEDS REQUIREMENTS OF FAR PART 43 APPENDIX F. THIS DATE: 4/17/18

SIGNED: _____ FOR SONORA AVIONICS INC. FAA C.R.S. NYRR723K

Registration No. _____ Signature _____ Certificate No. _____

and Remarks

TACH: 2005.0 ALTIMETER SCALE ERROR PFD
W/O# 9080 Customer: N 3154W
Part# 57347D-3 Serial# 453775

Altitude Pressure		Altitude Pressure	
Test PT (FT)	Indicator readings at + 25 c	Test PT (FT)	Indicator readings at + 25 c
-1,000	-1000	8,000	30,000
0	000	10,000	35,000
500	500	12,000	40,000
1,000	1010	14,000	45,000
1,500	1500	16,000	50,000
2,000	2000	18,000	55,000
3,000	3020	20,000	60,000
4,000	4010	22,000	70,000
6,000	6010	25,000	80,000

SONORA AVIONICS INC. FAA C.R.S. NYRR723K

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

NEW PIPER PA-28-161 S/N:2842273 N3154W TACH:2005.01 DATE:04/18/2018
 Removed Garmin GPS/NAV/COM GNS430 p/n:011-00280-10 and installed Garmin GNS430WAAS p/n:011-01060-40 s/n:97134422 and s/n:97133836, using the provision left behind from the Standard 430 unit. Removed two GPS Antena GA56 and installed two GA35WAAS antennas p/n:013-00235-00, s/n:148901 and s/n:148917. The existing RG-58 GPS antenna cable was removed and replaced with RG400 cable. The existing wiring & shielding was inspected IAW the Garmin Installation Manual p/n:190-00357-08 Rev. N, STC#5A01933LA-D, AC43.131B/2B, AC20-172A, and AC20-138D. Tested units IAW Installation manuals listed above. No Weight & balance change. File 337 form this date. Provided customer with FAA Approved Flight Manual Supplement & Instruction for Continued Airworthiness.
 SONORA AVIONICS, INC DBA
 SOUTHWEST AVIONICS NYRR723K

2DC88 AB372 FFBFF
 ACK Technologies Inc
 Model E-04 ELT

Total To Carry Forward	
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Registration No. _____

and Remarks	Signature	Certificate No.
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April 19, 2018. Hobbs Time is 2007.6 hours. Total Time Airframe is 2007.6 hours. Completed check of the fuel selector placard orientation in accordance with AD2018-07-03 revision date of 4/20/2018 and all placards are in proper positions. Dudley D. Smith A&P 3789786

Dudley D. Smith

MAY 21, 2018. Hobbs Time is 2023.1 hours. Total Time Airframe is 2023.1 hours. The aircraft was inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. Ameri-King ELT model AK-450 was removed AD2017-16-01 is no longer applicable. ELT was replaced with the ACK Model E-04 ELT (new) from ACK Technologies Inc. serial number 022969 with new battery. The ELT was inspected in accordance with FAR 91.207 (d) and ACK Technologies Inc. Model E-04 Installation and Operation Manual section 9 and 10. Operational check was satisfactory. New battery replacement date is April 04, 2023. New Condor 6.0 X 6.0 tire was installed on left main gear on serviceable wheel and disk assembly and repacked wheel bearings. Nose wheel bearings were repacked. Right main brake caliper seal p/n ms28775-222 was replaced. Brakes were bled. Struts were all serviced with nitrogen within extension limits. New induction air filter BA-16 was installed. Wing aft spar attachment bolts were retorqued. Serviced brake reservoir with hydraulic fluid type 5606. Battery was serviced and charged. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. A&P3802438

A. P. 3802438

next page 2-212

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

October 9, 2018. Hobbs Time is 2,112.2 hours. Aircraft total Time is 2,112.2 hours. Oil pressure transducer was replaced with new Oil pressure transducer part number 548-729 serial number 1017L554. Operational check was satisfactory. A&P 3789786

William R. Smith

October 31, 2018 Hobbs Time is 2121.2 hours. Total Time Airframe is 2121.3 hours. The aircraft was inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. The ELT was inspected in accordance with FAR 91.207 (d). Operational check was satisfactory. ELT battery replacement date is April 04, 2023. Struts were all serviced with nitrogen within extension limits. New induction air filter BA-16 was installed. A 500-hour alternator inspection was completed and the alternator was found to be in serviceable condition. New Condor 5.0 X 5.0 tire and tube were installed on nose with serviceable wheel assembly and repacked wheel bearings. Serviced brake reservoir with hydraulic fluid type 5606. Battery was serviced and charged. Fire extinguisher was replaced with a serviceable unit. Wing aft spar attachment bolts were retorqued. Right brake linings were replaced with new linings part number 66-105. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P 3789786 1A

William R. Smith

Registration No. _____

and Remarks	Signature	Certificate No.
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January 26, 2019. Hobbs Time is 2220.4 hours. Total Time of Aircraft is 2220.4 hours. The aircraft was inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. The ELT was inspected in accordance with FAR 91.207 (d). Operational check was satisfactory. ELT battery replacement date is April 04, 2023. Struts were all serviced with nitrogen within extension limits. New induction air filter part number BA-16 was installed. New Condor 6.0-6 tire and tube were installed on right main gear with serviceable wheel and disc assembly and wheel bearings were repacked with grease. Serviced brake reservoir with hydraulic fluid type 5606. Primer nozzles were checked. The area near tail trim shaft was cleaned. Battery was replaced with a new Gill battery model G-243 serial number G03025064. Wing aft spar attachment bolts were retorqued. I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition. A&P 3789786

William R. Smith

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
May 11, 2019.				Hobbs Time is 2310.4 hours. Total Time of Aircraft is 2310.4 hours. The aircraft was inspected and serviced in accordance with Piper's maintenance manual checklist for 100-hour inspection. The ELT was inspected in accordance with FAR 91.207 (d). Operational check was satisfactory. ELT battery replacement date is April 04, 2023. New induction air filter part number BA-16 was installed. Pilot side bottom seat belt was replaced with a new bottom belt. Left and right fuel tank cap gaskets were replaced with new gaskets part number 66815-000. The nose strut was resealed with O-ring part number MS28775-224, seal 485-315, and serviced with hydraulic fluid type 5606 and Nitrogen. Retorqued rivnut on left wing bolt cover. The brake reservoir was serviced with hydraulic fluid type 5606. Stabilator control cable tension was adjusted within limits. A rock and debris was removed from seat rail. A cotter pin was replaced with a new cotter pin on copilot side left master cylinder. The engine was test ran and no leaks were noted. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P 3802439 IA <i>[Signature]</i>
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
November 21, 2019. Flight Hobbs is 0.0 hours. Total Time of Airframe is 2410.3 hours. The engine Hobbs meter with a reading of 2,410.3 hours was replaced for recording time in service with a Flight Hobbs meter reading is 0.0 hours. Installed additional optional hour meter in accordance with Piper maintenance manual 761-882 dated August 31, 2019 wiring diagram for hour meter section 91-31-30 page 1 figure 1 with fuse assembly. Wire part number M22759/16-20 (MIL-W-22759/16-20) was used. AC43.13-1B (with change 1 dated 27 SEP 2001) chapter 11 section 3, 7 paragraph 11-85, 11-86, 11-88 and section 8 11.96, and section 11. A Hourmeter Airspeed Switch was installed in accordance with STC SA02168AK. The Hourmeter Airspeed Switch was installed in accordance with Hourmeter Airspeed Switch Installation Instructions Report Number 98-AVAK005-10M REV C dated September 5, 2008 and Drawing Numbers: 97-AVAK003-2, 98-AVAK005-2, 97-AVAK301-3, and 98-AVAK005-4. Instructions for Continued Airworthiness will be upon condition and in accordance with 14 CFR 43 appendix D and Hourmeter Airspeed Switch Installation instructions listed above. A Form 337 was completed this date. Aircraft weight and balance updated. A&P 3802439 <i>[Signature]</i>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

November 21, 2019. Flight Hobbs is 0.0 hours. Total Time Airframe is 2,410.3 hours. An Alcor EGT system was installed in accordance with STC SA522SW. The Alcor EGT system installed was an indicator part number 46150 serial number 265902 with new lead part number 42525 and probe part number 86255. Alcor EGT system was installed in accordance with Alcor EGT Indicator installation instructions part number 59185 REV. I dated 03/06, Alcor EGT Lead installation instructions part number 59181 REV. E dated 01/08, and Alcor EGT Probe installation instructions part number 59180 REV. G dated 01/08. Alcor EGT system was also installed in accordance with Piper maintenance manual 761-882 dated August 31, 2019, section 77-20-00 page 2-3 paragraph E and Figure 1. Instructions for Continued Airworthiness will be upon condition and in accordance with Piper maintenance manual 761-882, Alcor EGT system Installation instructions listed above and 14 CFR 43 appendix D. A Form 337 was completed this date. Aircraft weight and balance updated. A&P 3802439

Sam V. Smith

Total To Carry Forward				
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Registration No. _____

and Remarks	Signature	Certificate No.

November 21, 2019. Flight Hobbs is 0.0 hours. Total Time of Airframe is 2410.3 hours. All controls surface hinges, rod ends, and control pulleys were lubed. Landing gear struts were serviced with nitrogen and adjusted within limits. The battery was removed, serviced, charged, and reinstalled. The nose tire wheel assembly was replaced with a new Condor 5.0-5 tire on a serviceable nose wheel assembly and the bearings were repacked with grease. All tire pressures were checked and adjusted. All controls surface hinges, rod ends, and control pulleys were lubed. All control surface cable tensions were within limits. The trim drum and shaft were cleaned and lubed. The flap clevis bolt inspection was completed, installed new clevis bolt. The rudder clevis bolt inspection was completed. The wing aft spar attachment bolts were torqued. Removed mid-continent instruments electric attitude indicator standby battery and replaced with new standby battery P/N 9015607 S/N B19-11376 manufacture date is February 2019 next due replacement February 2022. A&P 3802439

Sam V. Smith

EMERGENCY BATTERY REPLACEMENT
 Affix this label in aircraft logbook
 Recommended battery replacement 3 years from date of manufacture. Order replacement battery from: Mid-Continent Instruments and Avionics at (800) 821-1212.
 Date of Manufacture: 02/2019

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
November 21, 2019		0.0		

Total Time of Airframe is 2410.3 hours. This aircraft was inspected and serviced in accordance with Piper's maintenance manual checklist for a 100-hour inspection. The ELT was inspected in accordance with FAR 91.207 (d). Operational check was satisfactory. Battery replacement date is April 04, 2023. Installed overhauled Lycoming O-320-D3G overhauled by Western Skyways Inc. W/O No: W054573 serial number L-3025-39A and Sensenich propeller overhauled by New Mexico Aircraft Propeller, LLC W.O.# 5404 Model 74DM6-0-60 serial number A59723 on to a Piper PA28-161, S/N 2842273 registration number N354W this date. A repaired alternator by Quality Aircraft Accessories was installed. Alternator part number ALU-8521RS serial number F111201. An overhauled backup alternator by Aerotech of Louisville was installed, Alternator part number BC410-1 serial number 0464661. Overhauled oil cooler part number 557-901 serial number A06-4896-5 was installed. The induction air filter was replaced with a new induction air filter part number BA-16. A new brake disc was installed on the left main part number RA164-0200 and new brake linings part number RA66-105. Brake reservoir was serviced with hydraulic fluid type MIL-H-5606. Left copilot seat belt was replaced with a serviceable belt. The fuel flow transducer assembly was replaced with a new fuel flow transducer assembly part number 84522-003. A new alternator out switch part number 38905-003 serial number 80T03522 was installed. The operational check was satisfactory and no leaks were noted. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P 3802439 1A

[Signature]

Registration No. _____

and Remarks	Signature	Certificate No.
May 20, 2020. Flight Hobbs time is 42.6 hours. The aircraft total time is 2452.9 hours. Removed malfunctioning alternator part number ALU-8521 serial number F111201 and replaced with an overhauled alternator part number ALU-8521 serial number H-P061325. Functional check was satisfactory. A&P 2751351 <i>[Signature]</i>		
September 02 2021. Hobbs is 255.8 hours. The total time of the aircraft is 255.8 266.1 hours. Removed and installed new flash tube #A650. Operational check was satisfactory. A&P 3802439 <i>[Signature]</i>		

AIRCRAFT LOG

ALTIMETER SCALE ERROR 578Y

W/O# 9733 Customer: N3154W

Part# 5334PD-3 Serial# 453777

Altimeter Pressure			
Test PT (FT)	Indicator readings at +25 c	Indicator readings at -25 c	Test PT (FT)
-1,000	-7000	30,000	30,000
0	-7000	35,000	35,000
500	490	40,000	40,000
1,000	980	45,000	45,000
1,500	1470	50,000	50,000
2,000	1960	55,000	55,000
3,000	2950	60,000	60,000
4,000	3940	70,000	70,000
6,000	5930	80,000	80,000

SONORA AVIONICS INC. FAA C.R.S. NYRR723K

ALTIMETER SCALE ERROR

W/O# 9733 Customer: N3154W

Part# PEO EX500 Serial# 23743136

Altimeter Pressure			
Test PT (FT)	Indicator readings at +25 c	Indicator readings at -25 c	Test PT (FT)
-1,000	-7000	30,000	30,000
0	-7000	35,000	35,000
500	480	40,000	40,000
1,000	980	45,000	45,000
1,500	1480	50,000	50,000
2,000	1980	55,000	55,000
3,000	2980	60,000	60,000
4,000	3980	70,000	70,000
6,000	5980	80,000	80,000

SONORA AVIONICS INC. FAA C.R.S. NYRR723K

Registration No. _____

and Remarks

ALTIMETER SYSTEM 5334PD-3 MATCHED TO
 SN 48058 CERTIFIED TO 30,000 FT
 FT. PER FAR PART 43 APPENDIX E
 THIS DATE: 5/21/20

ENCODER MODEL ACE A30.9 MATCHED TO
 SN 48058 TO
 ALTIMETER SN 453777
30,000 FT THIS DATE: 5/21/20

AIRCRAFT STATIC SYSTEM HAS BEEN TESTED
 AND FOUND TO COMPLY WITH FAR PART 43 APPENDIX
 E FAR PART 43 THIS DATE: 2/2/20

TRANSDUCER MODEL: GTX345
 SN 3EG020734 MEETS OR EXCEEDS
 REQUIREMENTS OF FAR PART 43 APPENDIX F.
 THIS DATE: 5/21/20

SIGNED: _____ FOR
 SONORA AVIONICS INC. FAA C.R.S. NYRR723K

I certify that Encoder, Altimeter & Static system tests required by FAR 91.411 have been performed & found to meet the standards of FAR Part 43 appendix E. The altimeter has been tested to 30,000 FT and found to comply with FAR 91.413 and appendix F of FAR 43. Date: 5/21/2020

Signed: _____ Sonora Avionics, Inc.
 DBA Southwest Avionics FAA NYRR723K

N 3154W TACH: 42.6 40.0 N89733

Certificate No. _____

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			



Registration: N3154W Date: 11/03/2020

Aircraft November 3, 2020. The hobbs time is 90.5 hours. The total time of the Aircraft is 2,500.8 hours. Inspected and serviced in accordance with Piper's maintenance manual checklist for an annual inspection. Cleaned, inspected, and repacked all wheel bearings; lubed all flight controls. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Trenton Nelson
Trenton Nelson AP/IA 3727104

Total To
Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
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January 29, 2021. The flight hour meter is at 95.8 hours. The total time of Aircraft is 2506.1 hours. AD2020-26-16 (2/16/2021) Fatigue cracks in lower main wing spar cap bolt holes, compliance is due at 5000 hours total time in service of aircraft per paragraph "c". A&P3789786 *James D. Smith*



Registration: N3154W Date: 04/28/21

Aircraft April 28, 2021. The tach time is 188.2 hours. The total time of the aircraft is 2,598.5 hours. Inspected and serviced in accordance with Piper's maintenance manual checklist for a 100-hour inspection. Cleaned, inspected and repacked all wheel bearings. Replaced nose wheel bearings and races with new parts; bearing P/N: 08231-20629 and race P/N: 08125-20629. I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was determined to be in an airworthy condition.

Treagan Skinner
Treagan Skinner AP4061777

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

April 28, 2021. Flight Hobbs is 189.1 hours. The total Time of the aircraft is 2599.4 hours. The ELT was inspected in accordance with FAR 91.207 (d), the operational check was satisfactory. The battery replacement date is April 04, 2023. A&P 3789786 *P. J. Smith*

October 5 2021 Flight Hobbs is 287.7. Total time of airframe is 2698.0 hours. This aircraft was inspected and serviced in accordance with Pipers maintenance manual checklist for a 100-hour inspection. The ELT was inspected in accordance with FAR 91.207 (d), operational check was satisfactory. Battery replacement date is April 04, 2023. New induction air filter part number BA-16 was installed. The nose strut was serviced with hydraulic fluid type 5606 and nitrogen. The brake reservoir was serviced with hydraulic fluid type 5606. Removed and installed a new shaft on trim drum #65246-000. Complied with AD 2013-02-13 by checking turnbuckles and cables. Removed nicks and painted face of propeller. Installed new static wick #11-12511 on left side of elevator. torqued AFT wing bolts. Cleaned landing gear. Replaced right main brake pads #30-105. The engine was test ran and no leaks were noted. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&P 3802439 *P. J. Smith*

October 15, 2021. The flight hour meter time is 296.7 hours. The old battery was removed. A new Gill model G-243 battery was installed serial number G03123335. A&P 3789786 *P. J. Smith*



Registration No. _____

and Remarks	Signature	Certificate No.
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October 28, 2021 Flight hobbs is 316.4. Total time of airframe is 2726.7 hours. New condor 6.0 x 6.0 tire was installed on right and left main gear and new tube # 06.00754 on serviceable wheel and repack bearings. A&P 3802439 *P. J. Smith*

November 30, 2021. The flight hour meter reads 380.5 hours. The total time of aircraft is 2790.8 hours. The interior main door closer handle was reconnected and a new cotter pin was installed part number MS24665-132. The operational check was satisfactory. A&P 3789786 *P. J. Smith*



