

434S #5



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer

PIPER

Model

PA 28-181

Serial

28-8290085

Registration Number

N4345

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer

Lycoming

Model

O-360 A4M

Serial _____

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer

SENSENICH

Model

76 EM 855-0-62

HUB Model _____

Serial _____

Serial _____

Blade Model _____

Serial _____

Serial _____


Serial _____


Blade Model _____

Serial _____

Serial _____

Serial _____

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Registration number <u>N434S</u> The above identified aircraft has been tested and inspected in accordance with FAR 91.413, 91.411, 91.217 and has met the requirements of FAR 43, Appendix E and F. Stark Avionics CRS# S8JR933J Signed  Date <u>3 September 2009</u>

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p style="text-align: center;">Decatur Athens Aero Service <small>FAA Repair Station #D75R275N Class I & II</small> Pryor Field - Highway 31 Athens-Decatur, Alabama 35601 01/21/2010 N 434S AC Type:PA28-181 SN: 28-8290085 Tach: 1649.7</p> <p>ACFT TT: 11661.7 Completed an annual inspection in accordance with FAR part 43 appendix D. ELT checked in accordance with FAR 91.207 d. I certify this airframe has been inspected in accordance with an annual inspection and determined to be airworthy. Installed a new right main landing gear strut cylinder p/n 65489-002. Installed new o-rings in main landing gear struts and serviced to 4.25 inches. Installed new o-rings in nose strut and serviced to 3.25 inches. Installed 2 new mufflers p/n A66894-03. Installed Brackett Air filter assembly BA-104 as per STC -SA693CE see FAA form 337 this date. Installed a new Condor 600x6 left main tire. Installed a new pneumatic pump filter p/n RA-D9-18-1. I certify this airframe has been inspected in accordance with an annual inspection and determined to be airworthy.</p> <p style="text-align: center;"> Douglas Drane 430254015 A&P IA</p>

W.S.A.

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-21-10	1649.7			Replaced ELT Battery. Next Replacement Due 1/12. ELT Tested in accordance with FAR 91.207D DDrone 430254015 HRP

YEAR: DATE	RECORDING TACH TIME	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations	Technician or Repair
				Yulista Aviation MAKE: Piper MODEL: Pa-28-181 S/N: 28-8290085 REG. NO: N434S WORK ORDER: 1222-12-2010 190 Bolling Road Meridianville, Alabama 35759 Phone: (258) 828-9286	DATE: 12/28/2010 A/C TSN: TACH: 1710.8
				Avionics Entries Complied with Pitot Static and Transponder Check per Yulista Form AVN-46, AVN-47 and FAR's 23.1325, 91.217, 91.411 and 91.413. All systems check within limits at this time. (A) Transponder Manufacturer: Bendix King MDL:KT-76A Serial Number: 89746 Transponder certified I.A.W. FAR 43 Appendix F. (B) Altimeter Manufacturer: United Instruments MDL: 5934PD-1 Serial Number: R5103 Altimeter certified to: 20K feet I.A.W. FAR 43 Appendix E. (C) Alt Encoder Manufacturer: Ack Industries MDL: AK 30 Serial Number: 72820 Performed correspondence check to: 20K feet.	
				Maintenance Release The aircraft and/or component(s) on N434S 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. 1222-12-2010, Dated 12/28/2010.	
				DATE: 12/28/2010 SIGNED: <i>Johnnie Boney</i> Work Order: 1222-12-2010 Printed by EBis 3 (datcomedia.com)	

Reg #: 4349 Mk-Mod: Piper - PA-28-181 S/N: 28-8290085
Date: 02-14-2011 TT A/C: 11,726.9 Tach: 1714.9 W/O#: 2603

100 HR INSPECTION COMPLETED THIS DATE I/A/W FAR 43 APPX. D - USING PIPER MANUALS AND CHECKLIST AS A GUIDE. OPENED ALL PANELS, COVERS, FAIRINGS, COWLINGS, AND REMOVED SEATS AND INTERIOR PANELS FOR INSPECTION. INSPECTED ALL CABLES, PULLEYS, BELL CRANKS, FAIRLEADS, AND TURNBUCKLES FOR CONDITION, SECURITY, AND PROPER ROUTING. LUBED AS REQUIRED. JACKED AIRCRAFT AND REMOVED WHEELS AND BEARINGS - CLEANED, INSPECTED, AND REPACKED WHEEL BEARINGS. REINSTALLED WHEELS AND BRAKES. INSTALLED NEW FUEL STRAINER SCREEN P/N 486-293 AND NEW GASKET P/N 462-049. REPLACED QTY. 2 FUEL CAP

GASKETS P/N 462-056. REPLACED BA-3 AIR FILTER. REPLACED TOP COWL OIL ACCESS DOOR HINGE PIN WITH NEW #3 PIANO HINGE. REPAIRED CRACKED L/H WHEEL PANT AND INSTALLED MISSING PIPER RECEPTACLES - QTY. 2 P/N 484-198 AND STUDS - QTY. 3 P/N 85-11-260-20. REGLUED BOTTOM COWLING HEAT BLANKET AS NEEDED. REPAIR BROKED WIRING TO ELT SWITCH, AND REMOUNT SWITCH TO SIDE PANEL. LUBED AIRCRAFT AS REQUIRED. ELT INSPECTED I/A/W FAR 91.207D AND FOUND TO BE FUNCTIONING CORRECTLY. BATTERY DUE REPLACEMENT 01-2012. ADS CHECKED THRU THIS DATE USING LATEST REVISION 2011-02. C/W THE FOLLOWING AD'S - C/W AD 2010-15-10 DETECT AND CORRECT AND INCORRECTLY ASSEMBLED CONTROL WHEEL SHAFTS BY MEASUREMENT OF WHEEL SHAFT TAPER ROD INSTALLATION PER AD AND MSB 1187A. C/W AD 76-07-12 R1 BENDIX SWITCHES BY OPERATIONAL CHECK OF SWITCH DUE EVERY 100 HRS. AIRCRAFT RUN UP AND SYSTEM CHECKS COMPLETED - ALL SYSTEMS FUNCTION CORRECTLY. I CERTIFY THAT THIS

AIRCRAFT HAS BEEN INSPECTED I/A/W A 100 HR INSPECTION AND HAS BEEN FOUND IN AN AIRWORTHY CONDITON.

Josh Stimmitt 3498622AEP

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inene
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P.O. Box 555
 Courtland, AL 35618
 (256) 637-0901

11742.6

Mar 9, 2012 TTAF ~~1142.6~~ Tach 1730.6 N4345

219

Performed an Annual inspection this date in accordance with FAR 43.13(D). AD's current see compliance list. AD 76-07-12 C/W ops check good. Tested ELT in accordance with 91.207-(d) battery due May 2014. Replaced fuel drain valve left inboard wing, leak check good. I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.

James D Achord
 James D Achord AP4946804691A



P.O. Box 555
 Courtland, AL 35618
 (256) 637-0901

Apr 15, 2013 TTAF ~~1464.5~~ Tach 1752.5 N4345

Performed an Annual inspection this date in accordance with FAR 43.13(D). AD 76-07-12 R1 C/W, 13-02-13 C/W, see compliance sheet. Tested ELT in accordance with 91.207-(d) battery due May 2014. Replaced left and right MLG brake linings with new 66-105 linings. I certify that this airframe has been inspected in accordance with an annual inspection and was found to be in an airworthy condition at this time.

James D Achord
 James D Achord AP27382351A

6.3 hrs

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	TACH		TTAF	
2014				
5/16	1758.8		11742.6	Performed AN ANNUAL INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43.13(D) C/W AD 76-07-12 by OPERATIONAL CHECK, SEE AD LIST. TEST ELT IAW 91.207(d) BATTERY DUE TO 2016. CABLES AND PULLEYS LUBED AND INSPECTED, SERVICED BRAKE FLUID. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME. James D. Achord AP27382351A

116 hrs



146 Air Force Street, Courtland, AL 35618
256-616-1181 256-642-0220

N434S Tach 1760.4 TTAF 11772.4

6/24/2015

Completed an annual inspection in accordance with FAR Part 43.13(D). Completed AD's 76-07-12 see compliance list. Tested ELT in accordance with 91.207(d) Battery Due June 2016. I certify that this airframe has been inspected in accordance with an annual inspection and found to be in an airworthy condition at this time. James D. Achord AP2738235IA

James D. Achord

and Alterations

ertificate Number of Technician or Repair

6/24/2015
JDA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT

DATE



146 Air Force Street, Courtland, AL 35618
256-616-1181 256-642-0220

N434S Tach 1766.5 TTAF 11778.5

11/14/2016

Completed an annual inspection in accordance with FAR Part 43.13(D). CW AD 76-07-12 see compliance list. Tested ELT in accordance with 91.207(d) replaced batteries due in Jan 2019. Inspected and serviced airframe. Replaced fuel drain CCA 1550.I certify that this airframe has been inspected in accordance with an annual inspection and found to be in an airworthy condition at this time.

James D. Achord

James D. Achord AP2738235IA



146 Air Force Street, Courtland, AL 35618
256-616-1181 256-642-0220

N434S Tach 1767.5 TTAF 11779.5 04/07/2018

Completed a 100HR/Annual inspection this date in accordance with FAR 43.13(D). Complied with AD 76-07-12 see compliance list. Tested ELT in accordance with 91.207 (d) Battery due in Jan 2019. Inspected and serviced airframe. Wheel bearings inspected and repacked. I certify that this airframe has been inspected in accordance with a Annual inspection and found to be airworthy at this time.

James D. Achord
James D. Achord AP2738235IA

s and Alterations

ertificate Number of Technician or Repair

0.7 hrs



146 Air Force Street, Courtland, AL 35618
256-616-1181 256-642-0220

N434S Tach 1768.2 TTAF 11780.2 07/17/2019

Completed an Annual inspection this date in accordance with FAR 43.13(D). Cleaned, Inspected and serviced airframe. CW AD 76-07-12 see compliance list. Tested ELT IAW 91.207 (d) Battery due Dec 2019. I certify that this airframe has been inspected in accordance with a Annual inspection and found to be airworthy at this time.

James D. Achord
James D. Achord AP2738235IA

s and Alterations

ertificate Number of Technician or Repair

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/13/2021	1769.4		11781.0	Routine Maint + Service. EIT Insp IAW 91.207(d). EIT Narco Model 10 S/W 53075. Installed New Battery pack EXP 1/2024. C/W AD 2013-02-13 Stab Control Sys. Inspection 2018-07-03 Fuel Selector Placard Insp. 2020-26-16 Wing Bolt hole Inspection and NDT. NO defects noted. Aircraft Factored Service hrs 10,104.8. C/W AD 76-07-12 Ign Switch Insp. Cleaned Gascolator and Electric Fuel Pump Sump and Screens. Lubed Aircraft

EIT 6/25

or Repair

2

10

5776

02/02/2022 Piper PA28-181 N434S s/n 28-8290085 Tach reads : 1785.5 TTIS: 11,797.1
 Lycoming O360A4M s/n RL-32556-36A TSO: 1112.5
 Sensenich 76EM855-0-62 s/n 31242K TTIS: 3204.82 TSO: 1112.5
 Removed wheel fairings and associated mounting plates & hardware. Replaced all wheel bearings with new. Serviced all struts per PA28 series maintenance & service manuals. Cleaned, masked and applied new wing walk compound to walk area on right wing. Replaced gascolator gasket with new, replaced gascolator sump valve with new CCA1150. Replaced Brackett air filter element with new BA3 filter.
 Trouble shoot NAV radio/KI209 indicator. Indicator is out of service. Replaced KX155 radio lenses with new. Applied fuel placards by filler caps as needed. Updated weight & balance and entered into aircraft records. Aircraft is airworthy with respect to work performed. Joseph G. Sills A&P405867971

05/06/2022 Piper PA28-181 N434S s/n 28-8290085 Tach Reads: 1793.2
 Lycoming O360A4M s/n RL-32556-36A TSO: 1120.2
 Sensenich 76EM855-0-62 s/n 31242K TTIS: 1120.2
 Removed vacuum pump, vacuum regulator, gauge, filter and associated plumbing.
 Removed 2ea. ATT gyro's, HSI 360, Century 21 Auto Pilot controller, roll servo and associated wiring harness. Vacuum switch, Davtron OAT 301, 2 1/4 " 12 VDC clock, KT76A transponder, A-30 encoder, ADF antenna, Transponder antenna, WX-900 s/n 06006069. Removed OEM instrument panel. Fabricated new instrument panel from 6061T6 .093". Painted and installed. Installed overhauled altimeter s/n R5103, VSI s/n 22187, Turn Coordinator s/n A22-10414, KI209 overhauled unit s/n 9153, IFD440 system s/n M22031573, WASS GA35 antenna s/n 214059, IAW STC SA00343BO. GTX335 standard kit s/n 3EE430518, IAW STC SA01714WI. EFD1000 E5 s/n 30722, RSM s/n 350090, Analog converter unit s/n 18924, IAW STC SA10822SC. UAVIONIX AV20 certified s/n 3001219, IAW UAV-1003613-001, AC20-94A/14CFR 91.205 (d)(6). WX-900 (serviceable display), CI-105 antenna s/n 101763, CP-USB Panel Adapter, All work performed using current FAA regulations, with reference to AC43.13-1B chapters 11,12, AC43.13-2B Chapters 2,3. Calibration and functional checks performed per associated installation guides and ICA's. The installed ADS-B OUT system has been shown to meet the equipment requirements of 14 CFR 91.227. Electrical load analysis was determined to be less than previous equipment installed. Equipment list updated and weight and balance calculated and entered into aircraft records. See FAA forms 337 for return to service. Joseph G. Sills A&P405867971



5-11-2022 N434S Piper PA-28-181
TACH: 1791.5

I CERTIFY THAT THE ALTIMETER SYSTEMS, ALTITUDE REPORTING EQUIPMENT, AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 AND THE ATC TRANSPONDER SYSTEMS TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED. A/C HOUR METER 1791.5. ALTIMETERS:

LH S/N 30772 DATE 12-15-21 TESTED TO 39993

RH S/N R5103 DATE 4-13-22 TESTED TO 20,000

AUTOMATIC PRESSURE REPORTING SYSTEM, TYPE GAE12

S/N 3T60238 DATE 5-11-22 TESTED TO 20,000

ATC XPND #. FAA TX 335 #. 2

SIGNATURE [Signature] CERT. NO. RPM2411270

WORK ORDER NO. 18813 DATE 5-11-22

[Signature]

Pippen-York, Inc.
Dba A Flying Machine Company
555 Airport Road
Fredericksburg, Texas 78624
830-997-8205 F.A.A. C.R.S. FMZR327K

sts, Repairs and Alterations

Rating and Certificate Number of Technician or Repair entries.)

05/20/2022 Piper PA28-181 N434S s/n 28-8290085 Tach: 1793.2 Hobbs: 3955.3

Lycoming O360A4M s/n RL-32556-36A

Sensenich 76EM855-0-62 s/n 31242K

- Removed both front seat adjustment springs. Installed new left and right front seat adjustment springs (p/n: MC587-404). Installed new sun visor on right side (p/n: H65866-00). Work performed with reference to Piper PA28-181 Maintenance Manual. Michael K. Weiss A&P 3566362

05/20/2022 Piper PA28-181 N434S s/n 28-8290085 Tach: 1793.2 Hobbs: 3955.3

Lycoming O360A4M s/n RL-32556-36A

Sensenich 76EM855-0-62 s/n 31242K

- Performed 100 hour / annual inspection and servicing per Piper PA 28 series manuals and the scope and detail of FAR 43 appendix D. ELT inspected and tested per FAR 91.207(d), battery due 01/2024. I certify that this aircraft was inspected per FAR 43.15 (a)(1)(2) for an annual inspection and was determined to be in airworthy condition. Joseph G. Sills IA 405867971

YE Date 05/25/2022 **Make Model** Piper PA-28-181
Tail # N434S **Serial #** 28-8290085 **Airworthiness Directive Compliance Report**

Airframe Hours: Tach Reads 1793.2 TTIS: 11804.8

Misc:
Engine: Lycoming O-360-A4M **S/N:** RL-32556 **Hours:** TSO: 1127.9
Propeller: Sensenich 76E (M76E) Series **S/N:** 31242K **Hours:** 1127.9

AD#	Category	Subject	Amend #	Eff Date	Rec	Remarks
<small>Date/Hours Compliance</small>	<small>Next Due</small>	<small>Name</small>	<small>Signature</small>	<small>Cert#</small>		

Airframe: Piper PA-28-181

13-02-13	Airframe	Stabilator Control System	39-17334	03/11/13	Yes	Piper MSB 1245A
12/13/2021 @ 11781.0		12/2026 or 13781.0	Joseph Sills	405867971		
17-14-04	Airframe	Oil Cooler Hose Assemblies	39-18948	08/15/17	Yes*	Hoses meet TSO-C53a, Type D requirements
05/20/2022 @ 11808.4		N/A	Joseph Sills	405867971		

DATE	RECOMMENDED TACH	TOTAL TACH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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07/15/2022 Piper PA28-181 N434S s/n 28-8290085 Tach: 1825.1
 Lycoming O360A4M s/n RL-32556-36A
 Sensenich 76EM855-0-62 s/n 31242K
 Drained engine oil. Serviced with Phillips X/C. Washed engine and cowling. Engine run-no leaks noted.
 Michael K. Weiss A&P 3566362

12/06/2022 Piper PA28-181 N434S s/n 28-8290085 Tach: 1864.1
 Lycoming O360A4M s/n RL-32556-36A
 Sensenich 76EM855-0-62 s/n 31242K
 Drained engine oil. Replaced oil filter w/new CH48110-1. Serviced with Phillips X/C. Washed engine and cowling. Engine run-no leaks noted.
 Michael K. Weiss A&P 3566362
