

N4147G

2000 Piper Archer III

Airframe Logbooks (2021- Current)



RidgeAir
WORLDWIDE
aviation specialists

MSN: 2843364

Prepared by the worldwide aviation specialists at RidgeAir, Inc.

N4147G

 *The Standard*
AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer PIPER **Model** PA 28-181

Serial 2843364 **Registration Number** N4147G

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Lycoming **Model** A-360-164m **Serial** L23168-36A

Manufacturer _____ **Model** _____ **Serial** _____

Propeller(s) currently installed:

Manufacturer Sensenich **Model** 76EM 14-0-62

HUB Model 33860K **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

MAG Avionics LLC 713.247.9174

Altimeter Scale Error

CRS# 9GMR520B

Part No. 5934PH-3

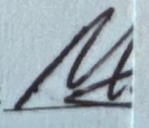
Work Order# 3383

Nomenclature: Pressure Altimeter

Serial No: 1161T

Test PT (Ft)	Indicator Readings	Test PT (Ft)	Indicator Readings	Test PT (Ft)	Indicator Readings
-1000	+10	6000	-	25,000	/
0	+10	8000	-15	30,000	
500	+10	10,000	-20	35,000	
1000	+10	12,000	-40	40,000	
1500	+15	14,000	-40	45,000	
2000	+15	15,000	-40	50,000	
2500	+15	16,000	-60	55,000	
3000	+15	18,000	-80	60,000	
4000	+10	20,000	-80	70,000	
5000	+10	22,000	-	80,000	

N#: N4147G World
 I certify that this alt
 91.413 & 91.217 ha
 E&F and AC 43-6I
Transponder: Ga
Altimeter: United
 The aircraft, airfra
 regulations of the)
 performed. Pertin
MAG Avionics L
19 Rusty Ridge F
The Woodlands,
Web: magavioni
713.247.9174

Signed: 

N#: **N4147G** Work Order#: **3383** Date: **December 8, 2021** Aircraft Type: **PA-28-181**

I certify that this altimeter, static system, transponder, and altitude reporter test required by FAR 91.413 & 91.217 have been performed and found within limits of FAR 43 appendices E&F and AC 43-6D. Tested To: 20,000 feet on: **December 8, 2021**

Transponder: Garmin GTX 345, PN# 011-03303-00, SN# 3EG026348
Altimeter: United PN# 5934PA-3, SN# 1161T

The aircraft, airframe or appliance, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service with respect to work performed. Pertinent details of repair are on file at this repair station.

MAG Avionics LLC, CRS#9GMR520B

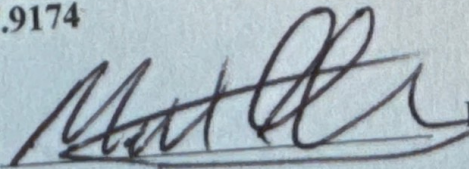
19 Rusty Ridge Place

The Woodlands, TX 77381

Web: magavionics.com

713.247.9174

Signed:



Date:

12-8-2021



YEAR: TOTAL Current Weight and Balance Information

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 BROOKSHIRE, TX 77423

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12/20/2021 N4147G PA28-181 28-43364 Tach 4405.7
 Remove left main wheel assembly and replace tube with new P/N GL-6020B supplied by customer. I certify that with respect to the work performed. this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and return to service. No other representations concerning airworthiness are expressed or implied.

2/7/2022 N4147G PA28-181 28-43364 Tach 4453.3
 Replace carb heat swivel fitting P/N 70371-002 and stud P/N 70371-003 with serviceable fitting supplied by customer. Remove main battery P/N G243, S/N G03071068 and install serviceable P/N G243, S/N G03029074 supplied by customer. Replace both left and right fuel quick drains with new P/N CCA1550 drains. Install missing left wheel fairing bolt with new P/N AN4-10 bolt and P/N AN960-416 washer. I certify that with respect to the work performed; this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and return to service. No other representations concerning airworthiness are expressed or implied.

Richard A. Ellis
 Richard A Ellis AP411174632

YEAR: TOTAL TIME IN SERVICE Current Weight and Balance Information

DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information		
		Empty Weight	Empty C.G.	Useful Load

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6/21/2022 N4147G PA28-181 28-43364 Tach 4572.9 H/M 5123.3 ACTT 4538.6
 Complete 100 Hour/Annual inspection in accordance with FAR 43 appendix D and Piper PA28-181 maintenance manual. Clean, inspect and lubricate all flight controls, hinges, cables, pulleys, bellcranks etc. Inspect and clean fuel screen. Clean, inspect and re-pack all wheel bearings. Replace all brake linings with new P/N 66-010500 linings. Service brake reservoir. Service and top charge main battery. Replace nose gear torque link rubber bumper block with new P/N 79072-00. Inspect ELT and perform functional check in accordance with 14 CFR FAR 91.207(D).
NOTE: ELT battery expires MAR/2024. Replace vacuum regulator filter with new P/N RAB3-5-7 filter. All AD's checked thru bi-weekly 2022-12.
 I certify that I have inspected this aircraft in accordance with current FAR's and a 100 Hour/Annual inspection and was found to be in airworthy condition at this time and is approved for return to service.

Kenneth Griffith
 Kenneth Griffith AP4673543471A

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p> <p>THE H COMPANY HOUSTON EXECUTIVE AIRPORT 1900 CARDIFF RD BROOKSHIRE, TX 77423</p>
5/10/2022	N4147G	PA28-181	28-43364	Tach 4541.1
				Remove left main tire P/N 072-314-0, S/N 9071S00022. Install new tire P/N 606C66-8, S/N 13480190 and new tube P/N 092-500-0 supplied by customer. I certify that with respect to the work performed; this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and return to service. No other representations concerning airworthiness are expressed or implied.
				<i>Richard A Ellis</i> Richard A Ellis AP411174632

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3/23/2023 N4147G PA28-181 28-43364 Tach 5076.1

Remove left main tire P/N 072-314-0, S/N 13480190. Install new tire P/N 606C66-8, S/N 21720119 and new tube P/N 092-500-0 supplied by customer. Reseal nose strut with new Piper kit P/N TPNS-1. Replace all brake linings with new P/N 066-10500 linings I certify that with respect to the work performed; this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and return to service. No other representations concerning airworthiness are expressed or implied.

Richard A Ellis
Richard A Ellis AP411174632

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p> <p>THE H COMPANY 1900 CARDIFF RD BROOKSHIRE TX, 77423</p>
		3		
7/11/2023	N4147G	PA28-181	28-43364	Tach 5206.9 H/M 5829.2 ACTT 5172.6
				Complete 100 Hour/Annual inspection in accordance with FAR 43 appendix D and Piper PA28-181 maintenance manual. Clean, inspect and lubricate all flight controls, hinges, cables, pulleys, bellcranks etc. Inspect and clean fuel screen. Replace vacuum regulator filter with new P/N RAB3-5-1 filter. Remove left main tire P/N 6006C66-8, S/N 21720119 and install new left main tire P/N 606C66-8, S/N 30090100. Remove right main tire P/N 606C66-8, S/N 21500747 and install new right main tire P/N 606C66-8, S/N 30090304. Remove nose tire P/N 071-314-0, S/N 8327S0007 and install new nose tire P/N 606C66-8, S/N 23110013. Replace left fuel quick drain with new P/N CCA-1550 quick drain assembly. Replace landing light bulb with new P/N 4594 lamp. Replace nose strut bumper with new P/N CA79072-000 bumper. Clean, inspect and re-pack all wheel bearings. Replace air conditioner belt tensioning pulley with new P/N 99080-000 pulley assembly Inspect ELT and perform functional check in accordance with 14 CFR FAR 91.207(D). NOTE: ELT battery expires MAR/2024. All AD's checked thru bi-weekly 2023-12.
				NOTE: AD 2020-26-16: Wing Main Spar Integrity is not due at this time due to the "Factored service hours" are at 304.27 according to the Factored Service Hour formula contained in the body of AD 2020-26-16. I certify that I have inspected this aircraft in accordance with current FAR's and a 100 Hour/Annual inspection and was found to be in airworthy condition at this time and is approved for return to service.
				<i>Kenneth Griffith</i> Kenneth Griffith AP467354371A

YEAR:	RECORDING TACH TIME	TODAYS 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.)
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YEAR:	RECORDING TACH TIME	TODAYS 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.)
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8/16/2023 N4147G PA28-181 28-43364 Tach
5179.1

9/29/2023 N4147G PA28-181 28-43364 Tach
5359.9

Remove propeller. Replace both air conditioner compressor belt and alternator belt with new Gates P/N 7417 belts supplied by customer. Reinstall propeller with new prop bolts supplied by customer. Service air conditioner with R134A freon. I certify that with respect to the work performed; this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and return to service. No other representations concerning airworthiness are expressed or implied.

Remove propeller and replace air conditioner bely with new P/N 7410 Gates belt. Re-install propeller, ground rum and functionally check air conditioning system. Remove altitude Gyro P/N 23-501-16, S/N 501-06-16 S/N T590926N install overhauled altitude gyro P/N 23-501-06-16. S/N T071174N supplied by customer. I certify that with respect to the work performed; this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and return to service. No other representations concerning airworthiness are expressed or implied.

Richard A Ellis
Richard A Ellis AP411174632

Kenneth Griffith
Kenneth Griffith AP467354347

N#: N4147G Work Order#: 3638 Date: December 27, 2023 Aircraft Type: PA-28-181 Hobbs: 6140.9
I certify that this altimeter, static system, transponder, and altitude reporter test required by FAR's 91.411, 91.413 & 91.217 have been performed and found within limits of FAR 43 appendices E&F and AC 43-6D. Tested To: 20,000 feet on: December 27, 2023
Transponder: Garmin GTX 345, PN# 011-03303-00, SN# 3EG026348
Altimeter: United PN# 5934PA-3, SN# 1161T
The aircraft, airframe or appliance, identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service with respect to work performed. Pertinent details of repair are on file at this repair station.
MAG Avionics LLC, CRS#9GMR520B
19 Rusty Ridge Place
The Woodlands, TX 77381
Web: magavionics.com
713.247.9174



Signed: *[Signature]* Date: 12-27-2023

YEAR:	RECORDING TACH TIME	TODAYS 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.)
DATE				

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1/22/2024 N4147G PA28-181 28-43364 Tach 5505.1
 Replace throttle cable with new P/N 455-350 cable assembly supplied by customer. Replace carb neat cable with new P/N 554-094 cable assembly supplied by customer. Remove, top charge and re-install main battery.

I certify that with respect to the work performed; this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and return to service. No other representations concerning airworthiness are expressed or implied.

Richard O. Griffith
 Kenneth Griffith AP467354347

YEAR:	RECORDING TACH TIME	TODAYS 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.)
DATE				

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8/21/2024 N4147G PA28-181 28-43364 Tach 5666.5 H/M 6357.0 ACTT 5632.2
 Complete 100 Hour/Annual inspection in accordance with FAR 43 appendix D and Piper PA28-181 maintenance manual. Clean, inspect and lubricate all flight controls, hinges, cables, pulleys, bellcranks etc. Inspect and clean fuel screen. Clean, inspect and re-pack all wheel bearings. Inspect brakes and service reservoir. Remove left main tire P/N 606C66-8, S/N 30090108. Install new tire P/N 070-314-0, S/N 4019T00115 supplied by customer. Replace left and right crew seat recline springs with new P/N 19336-000 and 19336-001 springs supplied by customer. Replace left vacuum regulator filter with new P/N B3-5-1 filter. Remove ELT battery P/N 452-0130, S/N 390430. Install new battery P/N 452-0130, S/N 1011204-014. NOTE: new battery expires JUN/2027. Inspect ELT and perform functional check in accordance with FAR. 91.409 (d). Replace left and right nav light bulbs with new P/N 34-0428070-64. Clean debris from condenser fins and condenser door. Replace storm window seal with new P/N 189-757 seal. Replace 6 each instrument light bubs with new P/N 472-200 bulbs. Complied with 12 Month portable fire extinguisher weight check. All AD's checked thru bi-weekly 2024-16.

NOTE: AD 2020-26-16: Wing Main Spar Integrity is not due at this time due to the "Factored service hours" are at 2590.11 according to the Factored Service Hour formula contained in the body of AD 2020-26-16.

I certify that I have inspected this aircraft in accordance with current FAR's and a 100 Hour/Annual inspection and was found to be in airworthy condition at this time and is approved for return to service.

Kenneth Griffith
 Kenneth Griffith AP467354347IA

YEAR:	RECORDING TACH TIME	TODAYS 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.)
10/21/2024	Tach: 5737.7	Hobbs: 6436.3		Removed Directional Gyro (P/N: 6406), S/N: T58214L, P/N: 1U262-006-45. Installed Overhauled Directional Gyro P/N: 1U262-006-45 (P/N: 6406), S/N: T48452K. OPS check good. <i>John Brak</i> John Brak A+P3555283

11/1/2024	Tach: 5711.0	Hobbs: 6445.8		Removed Dry Air Pump P/N: RAP215CC S/N: A82002. Installed new Dry Air Pump P/N: RAP215CC S/N: A83114. Ops check good. <i>John Brak</i> John Brak A+P3555283
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1/23/2025 N4147G PA28-181 28-43364 Tach 5815.8
Reseal nose strut with new P/N 06-03965 seal kit.
Remove right main tire P/N 606C66-8, S/N 30090304.
Install new tire P/N 606C66-8, S/N 4129080 n right position. Defuel left wing. Remove left fuel tank.
Replace fuel quantity sending unit gasket with new P/N 461-931 gasket
Kenneth Griffith
Kenneth Griffith AP4673347

YEAR:	RECORDING TACH TIME	TODAYS 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.)
4/24/25	Tach 5876.4	Hobbs 6593.6		Removed GNS430W (P/N 011-01060-45) S/N 96308972. Installed overhauled GNS430W (P/N 011-01060-45) S/N 96308165. OPS check good. Susan Haass Susan Haass Repairman ISA 3653778
5/19/25	Tach 5884.5	Hobbs 6602.9		Removed GNS430W (P/N 011-01060-45) S/N [blank] Installed overhauled GNS430W (P/N 011-01060-45) S/N 96308972 OPS check good. Susan Haass Susan Haass Repairman ISA 3653778

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.)

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6/6/2025 N4147G PA28-181 28-43364 Tach 589.9
 c/W AD 13-02-13: Horizontal control cable inspection in accordance with SB 1245A. No discrepancies were noted at this time.. I certify that with respect to the work performed; this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. No other representations concerning airworthiness are expressed or implied.

Kenneth Griffith
 Kenneth Griffith AP467354347

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

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9/21/2025 N4147G PA28-181 28-43364 Tach 5961.3 H/M 6689.2 ACTT 5927.0
 Complete 100 Hour/Annual inspection in accordance with FAR 43 appendix D and Piper PA28-181 maintenance manual. Clean, inspect and lubricate all flight controls, hinges, cables, pulleys, bellcranks etc. Inspect and clean fuel screen. Clean, inspect and re-pack all wheel bearings. Inspect brakes and service reservoir. Replace left and right crew seat recline springs with new P/N 19336-000 and 19336-001 springs supplied by customer. Replace vacuum regulator filter with new P/N B3-5-1 filter. Inspect ELT and perform functional check in accordance with FAR. 91.409 (d). **NOTE:** ELT battery expires 6/2027. Replace bonding strap on R/H I/B flap track. Complied with 12 Month portable fire extinguisher weight check. Replace 1 static wick on right flap and 2 static wicks on the left flap. Remove directional Gyro P/N 1U262-006-45, S/N T48452K and install overhauled DG P/N 1U262-006-45, S/N T4225GH supplied by customer. S/N T4225GH was overhauled by Pacific Southwest Instruments, FAA CRS KD3R627L, Ref. Wo. 359627, dated 09/JUL/2025. All AD's checked thru bi-weekly 2025-18.

NOTE: AD 2020-26-16: Wing Main Spar Integrity is not due at this time due to the "Factored service hours" are at 2884.91 according to the Factored Service Hour formula contained in the body of AD 2020-26-16.
 I certify that I have inspected this aircraft in accordance with current FAR's and a 100 Hour/Annual inspection and was found to be in airworthy condition at this time and is approved for return to service.

Kenneth Griffith
 Kenneth Griffith AP467354347IA