Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q

Order No.: 83249 | Completed: 02/10/23

S/N: 28-43031 | Tach Time: 7.40 | TTAF: 10007.40

Completed the following items:

- Repainted tow limits on nose landing gear
- Removed right brake caliper. Cleaned caliper and replaced o-ring with PN MS28775-222. Reinstalled brake caliper.
- Removed right brake master cylinder. Replaced 2 o-rings with PN's MS28775-111 and MS28775-113. Reinstalled right master cylinder; Bled brake system using pressure bleed method.
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Replaced air filter with new filter p/n BA-3.

Matthew Clemente AP4593902

- Replaced leaking quad seal in left main oleo strut assembly with new p/n 484-769 quad ring. Serviced left main strut with new p/n MIL-H-5606 hydraulic fluid and new nitrogen charge to spec. Ops check okay, no leaks.
- Removed play in left main landing gear bottom torque link by adding a new p/n 494-308 shim. Ops check okay.
- Replaced missing aft baggage cargo strap attachment bolt with new AN3-6A bolt.
- Added nitrogen charge to adjust strut height for all three landing gear oleo struts per POH specs

Allen J. Silks AP4406471

- Installed new fuel caps p/n 654-572 in both left and right fuel tanks, polished new fuel cap alignment tabs and set lock tab friction for proper operation.

Performed an Annual Inspection:

- Performed an Annual Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D.
- Complied with FAR 91.207(D)ELT inspection. Battery due for replacement by March 2024.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Aircraft Gascolator ICA Doc. No 3200-3-1 rev. 1 dated 5-25-2003.

Airworthiness Directives (AD's): Checked through Biweekly 2023-03

- None applicable at this time.

I certify that this Aircraft has been inspected in accordance with an Annual/100 hr Inspection and has been determined to be in airworthy condition.

ATS

Date: February 10, 2023 Signed: Robert G. Zimmerman Cert. No. AP3129806IA

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q

Order No.: 88931 | Completed: 04/03/23

S/N: 28-43031 | Tach Time: 10087.00

ATS

- Replaced RH nav. light with new bulb P/N: NLI7512-24. Ops check good.
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543

Make: PIPER
Order No.: 88931
S/N: 28-43031

Model: ArcherIII

Tach Time: 10108.30

Reg. No.: N9269Q
Completed: 04/18/23
TTAF: 10108.30

Completed the following items:

- Adjusted bent elevator trim tab indicator to proper indication and verified correct elevator trim tab travel to spec per aircraft maintenance manual.
- Repaired crack in compass mount with epoxy putty.
- Replaced one post light bulb with new bulb p/n GE 327.

Allen J. Silks AP4406471

- Replaced left nav light bulb with new bulb p/n NLI-7512-24.
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Replaced worn out brake disc on Right main landing gear with new disc p/n RA164-02000. And new linings p/n APS66-10500.
- Replaced left brake linings with new linings p/n APS66-15000.
- Replace nut and compression sleeve on cylinder #1 primer line at primer nozzle with new AN805-2 nut and 3/16 sleeve.

Performed a 100 hour Inspection:

- Performed a 100 hour Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Aircraft Gascolator ICA Doc. No 3200-3-1 rev. 1 dated 5-25-2003.

Airworthiness Directives (AD's): Checked through Biweekly 2023-08.

- None applicable at this time.

I certify that this Aircraft has been inspected in accordance with a 100 hr Inspection and has been determined to be in an airworthy condition.

Date: April 18, 2023 Signed: Robert G. Zimmerman Cert. No. AP3129806IA

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER

Model: ArcherIII

Order No.: ~~83249~~ 89892
S/N: 28-43031

Reg. No.: N9269Q
Completed: 05/9/23
Hobbs: 6849.1

- Replenished fluid in magnetic compass. Replaced bulb.

Thomas McIntire A&P 3350406

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 89892
S/N: 28-43031

Model: ArcherIII

Tach Time: 233.4

Placed in wrong page of logbook see next page AS

Reg. No.: N9269Q
Completed: 07/06/23
TTAF: 10219.40

- Changed oil and filter. Serviced engine with 7 qts Phillips XC20W50 oil and filter p/n AA48110-2. Inspected filter element - no significant debris noted.
- Replaced worn intake scat duct with new p/n 457-699 duct.
- Replaced leaking nose wheel inner tube with new Michelin Airstop p/n 092-500-0 size 6.00-6 tube. Leak check okay.
- Cleaned, inspected and serviced nose wheel bearings with new Mobile SHC 100 grease.
- Rebalanced nose wheel, ops check okay.
- Removed propeller to facilitate maintenance. Removed flywheel and replaced with used serviceable. Retorqued and safetied propeller bolts to spec. Performed high rpm ground run-up, ops check okay.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 83249 Completed: 01/30/23
S/N: 28-43031 Tach Time: 9991.20

- RH nav light inop. Replaced burnt out bulb with new P/N NLI7512-24.
- Ops check good.
- Aircraft is approved for return to service for work performed.

Ryan D Potts AP 3990767

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 89892 Completed: 06/15/23
S/N: 28-43031 Tach Time: 10205.00 TTAF: 10205.00

Completed the following items:

- Lubricated airframe
- Cleaned and inspected fuel bowl and electric fuel pump screens.
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Rotated RH MLG tire.
- Patched various cracks in engine baffling.
- Replaced RH brake linings P/N:66-105
- Replaced all RH cowling baffle seals and 2 LH side baffle seals.
- Cleaned exhaust muffler shroud, replaced rivets

Thomas Kratosky AP4657480

- Installed Engine Model Lycoming O-360-A4M S/N: L-24049-36A overhauled by Penn Yan Aero W/O: 57861-22 dated 3/21/2023 onto N9269Q, PA-28-181, S/N: 2843031.
- Installed with new engine mounts and hardware.
- Installed all accessories /wiring harness.
- Installed new oil and fuel hoses.
- Installed new oil cooler P/N: 8000075, S/N: 13396.
- Installed overhauled carburetor model: MA-4-5, P/N: 10-5193, S/N: 75028804.
- Installed vacuum pump P/N: 215CC, S/N: 196181
- Installed propeller and tracked propeller blades.
- Serviced with 8 qts. Phillips Type M Mineral Oil.
- Replaced worn throttle cable rod end with new P/N: 452-606
- Removed engine drive Air conditioning compressor, mounting bracket, and hoses. Updated W/B

Ryan D. Potts AP3990767

- Replaced induction filter P/N: BA-3.
- Rebuild NLG strut with Seal kit P/N:TPNS-1. Serviced with hydraulic fluid and nitrogen.
- Removed battery and battery drain container to gain access to tail cone area. Blocked trim cables for removal. Removed old trim drum. Installed new trim drum bushings and trim drum with new kit P/N: PSTAB-KT-1 with new aft trim cable P/N: MC62701-047. Rigged and adjusted trim IAW Piper Archer III MM. OPs check good.
- Replaced RH OB aileron hinge P/N: 62371-108
- Replaced 2 grommets on Pitot/static line going through rib.
- Replaced NLG shock bumper block P/N: CA79072-000.
- Removed working rivets and reattached pilot side window with screws. Ops check good.
- Replaced pilot side window seal.
- Repaired trim/flap cover.
- Vacuumed debris from behind aft bulkhead.
- Vacuumed debris from inside spar.
- Replaced blown bulbs P/N: 472-200 in various switches in overhead switch panel. Ops check good.
- Tightened starter/primer switch guard.
- Tightened co-pilot jacks.; Replaced stripped hardware on co-pilot yoke PTT cover.
- Tightened various hard ware and safetied working roll pins on pilot and copilot seats.
- Replaced terminal end on alternator power wire.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Aircraft Gascolator ICA Doc. No 3200-3-1 rev. 1 dated 5-25-2003.

Airworthiness Directives (AD's): Checked through Biweekly 2023-12

- AD 2023-10-02 Radar Altimeter does not apply.

I certify that this **Aircraft** has been inspected in accordance with a **100 hr** Inspection and has been determined to be in an airworthy condition.

Date: 6/15/2023 Signed: *Ryan L. Eberhat* Cert. No. AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 89892
S/N: 28-43031

Model: ArcherIII

Tach Time: 10205.00

Reg. No.: N9269Q
Completed: 06/16/23

- Removed propeller, and reinstalled propeller.
- Tensioned alternator belt.
- Ops check good.
- Aircraft is approved for return to service for work performed.

Ryan D Potts AP 3990767

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 89892
S/N: 28-43031

Model: ArcherIII

Tach Time: 233.4

Reg. No.: N9269Q
Completed: 07/06/23
TTAF: 10219.40

- Changed oil and filter. Serviced engine with 7 qts Phillips XC20W50 oil and filter p/n AA48110-2. Inspected filter element - no significant debris noted.
- Replaced worn intake scat duct with new p/n 457-699 duct.
- Replaced leaking nose wheel inner tube with new Michelin Airstop p/n 092-500-0 size 6.00-6 tube. Leak check okay.
- Cleaned, inspected and serviced nose wheel bearings with new Mobile SHC 100 grease.
- Rebalanced nose wheel, ops check okay.
- Removed propeller to facilitate maintenance. Removed flywheel and replaced with used serviceable. Retorqued and safetied propeller bolts to spec. Performed high rpm ground run-up, ops check okay.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 89892
S/N: 28-43031

Model: ArcherIII

Tach Time: 258.30

Reg. No.: N9269Q
Completed: 07/19/23

- Removed propeller and replaced alternator belt P/N: 11AV1055. Installed propeller and tracked blades. - Ops check good.

Thomas Kratosky AP4657480

- Removed front and aft seats, removed spar box cover. Blocked and removed trim wheel to gain access to flap handle. Replaced flap handle P/N:63782-004, Bushing P/N: 62740-000, and bushing 63900-174. Reinstalled trim wheel, spar box cover and seats. Flap ops check good.
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 89892
S/N: 28-43031

Model: ArcherIII

Tach Time: 259.10

Reg. No.: N9269Q
Completed: 07/20/23

- Shimmed upper RH MLG torque link with washer P/N: 494-308.
- Replaced worn lower LH MLG torque link shim with new P/N: 494-308.
- Aircraft is approved for return to service for work performed.

Ryan D. Potts AP 3990767

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 93356
S/N: 28-43031

Model: ArcherIII

Tach Time: 10261.2

Reg. No.: N9269Q
Completed: 07/21/23
TTAF: 10261.2

- Replaced inop nav light bulb with new p/n A50828 lamp. Ops check okay.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER *Model: ArcherIII* *Reg. No.: N9269Q*
Order No.: 93356 Completed: 08/02/23
S/N: 28-43031 Tach Time: 10292.7 TTAF: 10292.7

Completed the following items:

- Lubricated and serviced airframe.
- Cleaned and inspected electric fuel pump and fuel bowl screens. No debris noted.
- Replaced air filter with new P/N: BA-3
- Replaced vacuum regulator filter with new p/n RAB3-5-1 filter.
- Replaced missing upper cowling fastener with new p/n FX10-1558-1P cowl stud.
- Rotated left main tire for even wear.
- Cleaned, inspected, and serviced left main wheel bearings with new Mobile SHC 100 grease.
- Resealed leaking left brake caliper piston with new p/n MS28775-222 o-ring. Bled left brake lines with new Mil-h-5606 hydraulic fluid. Ops check okay, no leaks.
- Left brake disk worn below limits, replaced with new p/n RA164-02000 brake disk and new p/n APS66-10500 brake linings.
- Replaced worn right main tire with new size 6.00-6, Wilkerson 6 ply retread tire and new Aero-Classic tube size 600-6, p/n GL-6020B.
- Cleaned, inspected, and serviced right main wheel bearings with new Mobile SHC 100 grease.
- Resealed leaking right brake caliper piston with new p/n MS28775-222 o-ring. Bled right brake lines with new Mil-h-5606 hydraulic fluid. Ops check okay, no leaks.
- Serviced nose strut nitrogen charge to proper oleo strut height per POH.
- Cleaned and tightened pilot right brake master cylinder hose fitting. Leak check okay.
- Tightened loose outboard door steward attachment bolt.
- Replaced broken static wick on stabilator with new p/n SW10-96 static wick.
- Replaced frayed pilot seat track adjustment lever cable with new p/n 554-422 cable. Ops check okay.
- Replaced inop overhead switch backlight bulbs with new p/n 472-200 lamps. Ops check okay.
- Placed chafe tape behind fuel vent line on RH wing to prevent line from further chafing.

Allen J. Silks AP4406471

Performed a 100 hour Inspection:

- Performed a 100 hour Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Aircraft Gascolator ICA Doc. No 3200-3-1 rev. 1 dated 5-25-2003.

Airworthiness Directives (AD's): Checked through Biweekly 2023-16

- None Applicable at this time.

I certify that this Aircraft has been inspected in accordance with a 100 hour Inspection and has been determined to be in an airworthy condition.

Date: August 2nd, 2023 Signed: Cert. No. AP4406471
Allen J. Silks

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 94397 Completed: 08/16/23
S/N: 28-43031 Tach Time: 10320.40

- Replaced RH nav light P/N: A-7512-24. Ops check good
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 94397 Completed: 08/25/23
S/N: 28-43031 Tach Time: 10342.00

- Replaced INOP heading indicator P/N: 4000H-4 S/N: T42870, with overhauled heading indicator P/N: 4000H-4, S/N: T50934C.
- Ops check good.
- Aircraft is approved for return to service for work performed.

Ryan D. Potts AP 3990767

Forward Aero,LLC
1 Earhart Dr. Coatesville, PA 19320 Hangar 3 || 6054 Lincoln Hwy. W. Thomasville, PA 17364
(717) 435-1007

9/13/2023 N9269Q Piper PA-28-181 **S/N** 28-43031
Hobbs: 7138.6 **Tach:** 10385.6

1. Completed 100-hour inspection in accordance with CFR 43.13, appendix "d."
2. Researched AD's through 2023-19.
3. Lubricated airframe components.
4. Installed new vacuum regulator with new RA3-5-1.
5. Removed left tire and installed new AB3E4 6.00x6 tire.
6. Removed and replaced L/H aileron inboard static wick with new SW10-96.
7. Installed new EGT probe, P/N: P-110-R. Ops check good.
8. Completed gascolator ICA's IAW document no. 3200-3-1 Rev. 1.
9. Adjusted alternator belt tension.
10. Performed post-inspection systems functional checks.

I certify this airframe has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.

Signature: Trevor W. Hause
Trevor Hause AP 4241634

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 95756 Completed: 09/22/23
S/N: 28-43031 Tach Time: 10414.10

- Tightened and replaced missing hardware on cabin door frame trim.
- Jacked aircraft. Leveled and verified trim indicator and trim tab correspond to neutral. No discrepancies noted. Installed placard for trim neutral.
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Forward Aero,LLC
1 Earhart Dr. Coatesville, PA 19320 Hangar 3 || 6054 Lincoln Hwy. W. Thomasville, PA 17364
(717) 435-1007

10/17/2023 N9269Q Piper PA28-181 **S/N** 28-43031
ACTT 10,477.7 **Tach.** 477.7 **Hobbs** 7245.5

1. C/W 100 Hour Inspection I.A.W CFR 43.13 Appendix D.
2. Lubed airframe and flight controls.
3. Inspected brake system, landing gear and repacked wheel bearings.
4. Installed new engine air filter element BA-3.
5. Replaced Vacuum filters P/N: RAD9-18-1 and RAB3-5-1.
6. Tested and charged aircraft battery.
7. C/W Steve's Gascolator ICA's I.A.W Document No. 3200-3-1 Rev 1.
8. Researched AD's through biweekly 2023-22.
9. Ran up aircraft. Ops check and leak check good.

I certify this Aircraft has been inspected in accordance with a 100 hour inspection and has been determined to be in an Airworthy Condition.

Signature:
Aaron Oyler AP/IA 3736413

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER ***Model: ArcherIII*** ***Reg. No.: N9269Q***
Order No.: 95756 Completed: 10/19/23
S/N: 28-43031 Tach Time: 10480.7 Hobbs: 7248.8

- Replaced worn upper engine cowl oil door hinge with new p/n 65291-003 oil door hinge.
- Replaced missing stud fastener for upper engine cowl with new p/n FX10-1558-1P cowl stud.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER ***Model: ArcherIII*** ***Reg. No.: N9269Q***
Order No.: 97897 Completed: 10/30/23
S/N: 28-43031 Tach Time: 10500.00

- Performed leak check of exhaust muffler assembly to check for suspected carbon monoxide leak. Verified no leaks. Removed exhaust tailpipe to inspect interior of exhaust muffler via borescope. No defects noted. Reinstalled tailpipe. Leak checked auxillary fuel pump lines. Leak check okay.
- Replaced missing upper cowl stud fastener with new p/n FX10-1558-1P fastener.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 98403 Completed: 11/10/23
S/N: 28-43031 Tach Time: 10529.70 TTAF:

- Replaced LH MLG inner tube with new Aero-Classic inner tube 600-6. Cleaned, Inspected and packed wheel bearings, no defects noted. Serviced tire to 24PSI.

Michael Reginella AP3696864

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 98403 Completed: 11/20/23
S/N: 28-43031 Tach Time: 10554.90

- Removed spinning attitude indicator, model: 5000F-6, S/N: 67193F. Installed overhauled attitude indicator, model: 5000F-6, S/N: 89532F. Ops check good.
- Fuel streaks on RH wing. Tightened fuel cap.

Ryan D. Potts AP 3990767

Aero-Tech Services, Inc. ⌘ 500-P Airport Road ⌘ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 98403 Completed: 11/29/23
S/N: 28-43031 Tach Time: 10,566.4 TTAF: 10,566.4
Completed the following additional items:

- Replaced leaking seals in left main oleo strut with new p/n 486-188 scraper ring and p/n 484-769 quad ring. Serviced left main strut with new MIL-H-5606 hydraulic fluid. Serviced left main strut with new nitrogen charge.
- Serviced RH strut with nitrogen.
- Tightened nose wheel steering horn mounting bolt to spec.
- Cleaned all brake master cylinder pistons. Copilot RH master cylinder had signs of leakage.
- Tightened loose parking brake handle main attachment bolt.
- Tightened loose screws for cabin door upper latch assembly.
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Replaced broken static wick at right aileron inboard trailing edge with new p/n SW10-96 wick.
- Tightened loose right flap aft rod end attachment bolt.
- Adjusted rudder cable tensions to spec using AMM p/n 761-883 section 27-00-00. Controls free and correct.

Allen J. Silks AP4406471

- Removed exhaust aft clamp and repaired. Reinstalled, no defects noted.
- Complied with FAR 91.207(D) ELT inspection. ELT battery due 3/2024

Performed an Annual/100hour Inspection:

- Performed an Annual Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D.

Complied with the following Instructions for Continued Airworthiness:

- Complied with ICA document No. 190-00356-65 Rev A section 2.5 for Garmin 400W series
- Complied with Brackett Air Filter ICA 1-194

Airworthiness Directives (AD's): Checked through Biweekly 2023-24

- None due at this time

I certify that this Aircraft has been inspected in accordance with an Annual/100-hour Inspection and has been determined to be in an airworthy condition.

Date: 11/29/2023 Signed: Cert. No. AP3696864IA
Michael G Reginella

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER ***Model: ArcherIII*** ***Reg. No.: N9269Q***
Order No.: 99281 Completed: 12/21/23
S/N: 28-43031 Tach Time: 10621.8

- Replaced broken main cabin door interior handle assembly with new p/n 464-412 handle kit.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER ***Model: ArcherIII*** ***Reg. No.: N9269Q***
Order No.: 99281 Completed: 12/26/23
S/N: 28-43031 Tach Time: 10627.8

- Right brake linings worn below limits, replaced linings with new p/n APS66-10500 linings. Bled right brake system with hydraulic mule to pressure bleed right brake lines. Ops check okay, no leaks.
- Replaced sheared copilot seat back right adjustment bolt with new p/n 402-777 bolt. Adjusted right seat back adjustment bolt. Ops check okay.
- Replaced missing upper cowl fastener with new p/n FX10-1558-1P cowl stud.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 101136 Completed: 01/24/24
S/N: 28-43031 Tach Time: 10658.30 TTAF: 10658.30

Completed the following items:

- Lubricated airframe
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Serviced LH strut;
- Flopped RH tire for even tread wear.
- Replaced tire tube p/n: Aero Classic 6.00-6.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Brackett Air Filter ICA 1-194
- Complied with Steve's Aircraft gascolator ICA Doc. no. 3200-3-1.

Thomas Kratosky AP4657480

Completed the following items:

- Replaced LH elevator trim tab bonding strap with new.
- Replaced stabilizer side rivenut with new.
- Replaced worn LH flap rod end with new P/N: 452-336.;
- Tightened rear PAX pilot side lap belt attachment bolt.
- Replaced bulb in post light. Ops check good.
- Replaced missing air box nutlplate with new.
- Tightened rudder bell crank LH cable bolt and installed new cotter pin.
- Repaired crack in cowling with fiberglass.
- Patched lower cowling for new mounting hole.
- Bled RH brake.

Airworthiness Directives (AD's): Checked through Biweekly 2024-01

- None due at this time

I certify that this Aircraft has been inspected in accordance with a 100-hour Inspection and has been determined to be in an airworthy condition.

Date: ~~11/29/2023~~ 1/24/24 (RE) Signed: Ryan D. Potts Cert. No. AP3990767

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 101615 Completed: 02/02/24
S/N: 28-43031 Tach Time: 10661.40

- Visually inspected LH trailing edge side of elevator after being backed into hangar beam. Inspected slight 1/2" bent trailing edge area on LH side of elevator. Inspected IAW with PA28-181 Archer III MM, Chapter 51-70-00, and AC 43.13-1B. No discrepancies noted. Formed 1/2" bent area of trailing edge back to normal.
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 101615 Completed: 02/21/24
S/N: 28-43031 Tach Time: 10697.00

- Removed annunciator panel P/N: 89452-4 S/N: 61 and installed annunciator panel P/N: 89452-4 S/N: 101365 (Assembly P/N: 85372-003). Ops check good.
- Aircraft is approved for return to service for work performed.

Thomas Kratosky AP 4657480

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER ***Model: ArcherIII*** ***Reg. No.: N9269Q***
Order No.: 101615 Completed: 03/13/24
S/N: 28-43031 Tach Time: 10709.00

- Replaced intermittent push to talk switch with new switch. Ops check okay.
- Troubleshot inop "pitot heat inop" indicator light. Verified proper pitot heat operation, lamp does not turn off when pitot heat is on. Placarded "pitot heat inop" lamp as inop.
- Verified normal left and right brake operation for pilot and copilot pedals. Verified no leaks in brake system and verified proper brake reservoir level.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 101615 Completed: 03/19/24
S/N: 28-43031 Tach Time: 10735.40

- Bled Brake system with hydraulic fluid. Ops check good.
- Serviced LH and RH MLG tires recommended tire pressures.
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER ***Model: ArcherIII*** ***Reg. No.: N9269Q***
Order No.: 101615 Completed: 03/22/24
S/N: 28-43031 Tach Time: 10740.90

- Replaced worn right main tire with new Wilkerson retread tire size 6.00-6, and new Aero-classic innertube p/n GL-6020B size 6.00-6.
- Cleaned, inspected, and serviced right main wheel bearings with new Mobile SHC 100 grease. No defects noted.
- Serviced left main, right main, and nose tire pressures.
- Replaced leaking seals in right main landing gear oleo shock strut with new p/n Q4326 quad seal and new p/n 486-188 scraper ring. Serviced right main strut with new Mil-H-5606 hydraulic fluid. Serviced right main strut with new nitrogen air charge. Verified proper right main strut operation and strut height, no defects noted.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER ***Model: ArcherIII*** ***Reg. No.: N9269Q***
Order No.: 101615 Completed: 03/25/24
S/N: 28-43031 Tach Time: 10741.1

- Bled left and right brake lines with new Mil-h-5606 hydraulic fluid. No leaks detected. Ops check of left and right brakes okay.
- Removed Artex ELT p/n 453-0150, m/n 110-4, s/n 63592 due to ELT battery pack p/n 452-0130, s/n 390431-004 expiring March 2024. Secured loose ELT wire harness. Installed placard stating "ELT not installed" in view of pilot. No person may operate the aircraft past June 23, 2024 after ELT removal.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 101615 ***Model: ArcherIII***
S/N: 28-43031 ***Reg. No.: N9269Q***
Tach Time: 10749.5 Completed: 04/01/24

- Bled right brake lines with new Mil-h-5606 hydraulic fluid. No leaks detected. Ops check right brakes okay.
- Reinstalled Artex ELT p/n 453-0150, m/n 110-4, s/n 63592 with new ELT battery pack p/n 452-0130, s/n 1005066-004 expiring February 2026.
- Inspected ELT per FAR 91.207 appendix d. No defects noted, ELT and ELT remote switch operated normally.

Allen J. Silks
AP4406471

ACK ELECTRONICS, Inc.
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312
LOG BOOK ENTRY ATS/O: 101615
E.L.T. BATTERY
REPLACEMENT DATE Feb/2026

MAKE: Piper
MODEL: Pa 28-181
S/N: 2843031
REG. NO: N9269Q
WORK ORDER: 24063

LANCASTER AERO **Lancaster Aero, LLC.**
311 Airport Drive
Box 331
Smoketown, PA 17576
Phone: 717-394-5805

DATE: 4/4/2024
A/C TSN: 10749.8
TACH: 10749.8

Airframe Entries

· Performed annual inspection in accordance with FAR43, appendix D.
· Replaced vacuum regulator filter.
· Removed Artex ELT P/N 110-4 S/N 63592 for failed g switch. Aircraft operation may not exceed 90 days from this date.
· Replaced left brake linings P/N 066-10500
· Replaced o-rings and piston spring P/N 082-02100 in pilots right brake master cylinder bled brakes and serviced reservoir with Mil-5606 hydraulic fluid.
· Removed aft spar shim on left wing to inspect suspicious area on shim. Verified no cracks in shim and reinstalled shim and torqued bolts.
· Complied with A.D. 16-07-21, cracked wing ribs by visual inspection of wing rib per Piper SB1279A. No discrepancies noted, no further action required.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in Airworthy condition.

DATE: 4/4/2024 SIGNED: Jared E Martin, IA 2717559 Work Order: 24063

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Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 104499
S/N: 28-43031
Model: ArcherIII
Completed: 05/03/24
Tach Time: 794.70
Reg. No.: N9269Q
TTAF: 10794.70

- Replaced left brake caliper housing with new p/n 061-02100. Bled brakes, ops check ok.
- Replaced Com2 with repaired KX155 p/n 069-1024-43 s/n 111750. ops check ok.

Ryan L Eberhart AP3679868
Michael Reginella AP3696864

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 106058
S/N: 28-43031
Model: ArcherIII
Tach Time: 10828.40
Reg. No.: N9269Q
Completed: 05/21/24

- Installed overhauled ELT 110-4 , S/N: 63592.
- C/W FAR 91.207(d). Next due 5/2025. ELT Battery Due: 2/~~2028~~ 2026
- Removed "ELT Not Installed" Placard.
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 106058
S/N: 28-43031
Model: ArcherIII
Tach Time: 10834.2
Reg. No.: N9269Q
Completed: 05/23/24

- Replaced leaking left main gear oleo strut seals with new p/n 484-769 quad ring and p/n 486-188 scraper ring. Cleaned and inspected left main strut, no defects noted. Serviced left main strut with new MIL-H-5606 hydraulic fluid. Serviced left main strut with new nitrogen air charge.
- Serviced right main strut with new nitrogen air charge.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 106058 Completed: 05/31/24
S/N: 28-43031 Tach Time: 10853.70 TTAF: 10853.70

Completed the following items:

- Installed new vacuum regulator filter p/n RAB3-5-1.
- Replaced engine air filter P/N: BA-3.
- Complied with Steve's Aircraft gascolator ICA Doc. no. 3200-3-1.
  _____ Thomas Kratosky AP465748
- Replaced corroded fresh air duct in tail with new scat tubing.
- Replaced heat shroud scat with new.
- Replaced working rivets on muffler shroud with new.
- Removed LH Aft flap rod end hardware due to excessive play. Installed new bolt and fabricated new spacer
  _____ Ryan Potts AP3990767
- Lubricated airframe
- Cleaned and lubricated NLG bearings.
- Replaced LH MLG tire and tube with new 6.00X6 Leak Guard tube and Wilkerson Retread 6.00x6, 6 Ply tire. Lubricated wheel bearings
  _____ Luke Arnold AP4480662
- Replaced RH aileron OB static wick P/N: DG SW10-96.
- Replaced 1 bulb P/N: 472-200 in landing light switch. Ops check good.
- Replaced 1 bulb P/N: 472-200 in Nav. Light switch. Ops check good.
- Found RH aft wing attachment bolt install incorrectly. Removed and installed in correct orientation and torqued.
- Adjusted Carb. heat valve rigging. OPs check good.
- Installed new "On" and "Off" placards for carb. heat.

Airworthiness Directives (AD's): Checked through Biweekly 2024-10

- None due at this time

I certify that this **Aircraft** has been inspected in accordance with a **100-hour** Inspection and has been determined to be in an airworthy condition.

Date: 5/31/2024 Signed: _____ Cert. No. AP3679868
Ryan L. Eberhart

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 106058 Completed: 06/05/24
S/N: 28-43031 Tach Time: 10863.00 TTAF: 10853.70

- AD 2024-10-04 Reduction of Strength of the Rear Wing Spar Attachment Fitting does not apply due to S/Ns listed in Piper Service Bulletin No. 1413.
- Aircraft is approved for return to service for work performed.

_____ Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 106058 Completed: 06/08/24
S/N: 28-43031 Tach Time: 10866.9

- Replaced leaking left main gear oleo strut seal with new p/n 484-769 quad ring. Cleaned and inspected left main strut, no defects noted. Serviced left main strut with new MIL-H-5606 hydraulic fluid. Serviced left main strut with new nitrogen air charge.

_____ Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 108013 Completed: 06/20/24
S/N: 28-43031 Tach Time: 10884.50

- Defueled aircraft and removed left and right fuel tanks. Replaced LH fuel tank vent with new p/n 36625-002. Replaced seeping rivets on LH and RH tanks with wet AN470 rivets. Reinstalled left and right tanks topped off tanks with fuel, no leaks noted.
- Replaced cracked tailpipe with new p/n A85477-011. no defects noted
- Pitot heat indicator not going out when pitot heat is on. Replaced pitot heat sensor assembly with used serviceable p/n 85378-004. Ops check ok.

_____ Michael Reginella AP3696864

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 108783 Completed: 07/03/24
S/N: 28-43031 Tach Time: 10909.1

- Replaced leaking left main strut seals with new p/n 486-188 scraper ring and new p/n 484-769 quad ring. Serviced left main strut with new MIL-H-5606 hydraulic fluid. Serviced left main strut height to spec with new nitrogen air charge. Ops check okay, no leaks.

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 108783 Completed: 07/08/24
S/N: 28-43031 Tach Time: 10925.20

- Removed Garmin GNS 430 P/N: 011-01060-40, S/N:97116057. Installed serviceable Garmin 430 P/N: 011-0160-00, S/N: 23426054. Configured settings. Ops check good.
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 108783 Completed: 07/10/24
S/N: 28-43031 Tach Time: 10926.3 TTAF: 10926.3

- Removed BFGoodrich tachometer Piper p/n 599-282, s/n 3310-00001.25110 due to inop tachometer indication at Tach: 10926.3 and TTAF: 10926.3. Replaced inop tachometer with new Instrument Tech Corp. tachometer Piper p/n 599-282, mfg. p/n 2801-0035, s/n 47846. Verified proper tach indication with trutach gauge during engine run-up. No defects noted, the new tachometer operated normally.
- New tach time: 0 at airframe total time: 10926.3.

Allen J. Silks AP4406471

FORWARD AERO, LLC
6054 Lincoln Hwy. W., Thomasville, PA 17364
(717) 435-1007

FORWARD AERO
AIRCRAFT SERVICES

07/19/2024 N9269Q Piper PA-28-181 S/N 2843031
Tach. 16.0 ACTT 10942.3

1. Performed 100 Hour Inspection I.A.W. FAR 43 Appendix D.
2. Lubricated airframe, landing gear, and engine controls. Serviced brake fluid and tires. Jacked aircraft. Removed wheel assemblies. Removed, cleaned, inspected, re-packed, installed wheel bearings. Reinstalled wheel assemblies, down jacked aircraft. Cleaned gascolator.
3. Installed new air filter element P/N: BA-3.
4. Installed new cowling fastener P/N: 201AA-1.
5. Removed NLG scissor links. Installed new bushings P/N: 452-766 and P/N: CA67026-007. Re-installed NLG scissor links.
6. Adjusted stabilator cable tensions to spec.
7. Researched AD's through bi-weekly 2024-14, none due at this time.
8. Ran up aircraft. Ops check and leak check OK.

I certify this aircraft has been inspected in accordance with a 100 Hour Inspection and has been determined to be in airworthy condition.

Signature: Trevor Hause
Trevor Hause A&P/IA 4241634

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 7815 15-August-2024 WO# 28275/1 HOBBS 7888.0
N9269Q S/N 2843031 PIPER PA-28-181
Pg 1 / 1

**** ITEM # 28275-1 CALIBRATE MAGNETIC COMPASS ****
DISCREPANCY: CALIBRATE MAGNETIC COMPASS.
ACTION: PERFORMED MAGNETIC COMPASS CALIBRATION AND PROVIDED UPDATED COMPASS CORRECTION CARD.

MARK J. FORTH

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 111011 Completed: 08/16/24
S/N: 28-43031 Tach Time: 88.90

- Reported that #1 CDI is INOP. Found #1 CDI connector disconnected. Reconnected connector on back of CDI #1
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 111011 Completed: 08/28/24
S/N: 28-43031 Tach Time: 116.20 TTAF: 11042.50

Completed the following items:

- Replaced engine air filter P/N: BA-3.
- Complied with Steve's Aircraft gascolator ICA Doc. no. 3200-3-1.
- Repaired crack in lower cowling airbox with new fiberglass and resin.

Allen J. Silks AP4406471

- Removed upper cabin door trim panel. Trimmed and fitted new door upper panel P/N: 084277-013. Reinstalled door latching mechanism. Ops check good.
- Replaced airbox duct P/N: 457-699.

Ryan L Eberhart AP3679868

- Lubricated airframe
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Replaced main instrument filter with new P/N: RA-D9-18-1.
- Removed LH and RH wingtip landing light lenses. Cleaned and reinstalled.
- Replaced worn RH aft flap rod end with new P/N: 452-336 and new bolt P/N: AN23-18.
- Tightened upper attaching nut on flap drive chain.
- Replaced worn NLG tire with Wilkerson Retread 6.00x6, 6 Ply tire, and new Michelin 6.00X6 innertube. Cleaned, inspected and lubricated bearings. Balanced wheel assembly and installed on aircraft.
- LH MLG top torque link hardware loose- tightened and cotter pinned.
- RH brake caliper puck leaking- replaced o-ring with new P/N: MS28775-222. Bled brakes.
- Replaced worn RH brake pads with new P/N: 66-105.
- Comm 2 knob loose in housing. Repaired by Lancaster Avionics Inc. see work order #28301-1.

Airworthiness Directives (AD's): Checked through Biweekly 2024-17

- None due at this time

I certify that this Aircraft has been inspected in accordance with a 100-hour Inspection and has been determined to be in an airworthy condition.

Date: August 28th, 2024 Signed: Ryan D. Potts Cert. No. AP3990767

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 01002 Completed: 10/02/24
S/N: 28-43031 Tach Time: 194.1 TTAF: 11120.4

Completed the Following Items:

- Complied with Steve's Aircraft gascolator ICA Doc. no. 3200-3-1.
- Lubricated airframe
- Installed new vacuum regulator filter p/n RAB3-5-1

Mitchell Gordon AP4972692

Completed the Following Items:

- Cleaned and tightened pilot side master cylinder RH lower fitting.
- Replaced two blown lamps in NAV and Strobe light switches with new P/N: 472-200. Ops check good.
- Replaced broken pilot seat back bolt with new P/N: 402-777.
- Shimmed LH MLG upper torque link with new shim P/N: 494-308
- Rotated RH MLG tire for even wear.

Airworthiness Directives (AD's): Checked through Biweekly 2024-19

- None due at this time.

I certify that this Aircraft has been inspected in accordance with a 100 hour Inspection and has been determined to be in an airworthy condition.

Date: 10/2/2024 Signed: Ryan D. Potts Cert. No. AP3990767

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Model: ArcherIII
Reg. No.: N9269Q
Order No.: 01009
Completed: 10/9/2024
S/N: 28-43031
Tach Time: 208.7

- Removed Alternator P/N ALU-8532LS S/N H-M110076 and replaced with new alternator P/N ALU-8532LS S/N H-Y091448. Tensioned alternator belt. complied with engine run up, ops check good.
- Aircraft is approved for return to service for work performed.

Mitchell G Gordon A&P 4972692

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Model: ArcherIII
Reg. No.: N9269Q
Order No.: 101615
Completed: 10/18/2024
S/N: 28-43031
Tach Time: 247.3

- Removed RH tire due to wear and dry rot. Replaced RH tire with Wilkerson 6.00-6 Retread tire. Replaced RH innertube with Michelin AirStop P/N: 092-500-0. Cleaned, inspected, and relubricated wheel bearings. no defects noted.
- Drilled out broken bolt on bottom of RH brake caliper. Replaced worn brake disc P/N: APS164-02000 and worn linings P/N: RA066-10500.
- Aircraft is approved for return to service for work performed.

Thomas Kratosky AP 4657480

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Model: ArcherIII
Reg. No.: N9269Q
Order No.: 01024
Completed: 10/22/24
S/N: 28-43031
Tach Time: 263.2

- Replaced missing upper cowling aft right fastener with new p/n FX10-1558-1P stud.

Signed: Cert. No. AP4406471
Allen Joseph Silks

01054 (10-29-2024)

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 01054
DATE: 10-29-2024
A/C Tach: 279.5

Entries

- Replaced missing carb. heat control cable attachment swivel fitting P/N: CA70371-002 and stud P/N: CA70371-003. Ops check good.
- Serviced Nose strut with nitrogen.

Aircraft is approved for return to service for work performed.

DATE: 10-29-2024 SIGNED
Ryan Eberhart
A&P: 3679868

NEXT PAGE

01054 (11-01-2024)

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. No: N9269Q

Aero-Tech Services, INC
500-P Airport Road
Lititz, PA 17543

W/O #: 01054
DATE: 11-01-2024
A/C TT: 11208.5
A/C Tach: 282.2
Hobbs: 8131.9

Airframe Entries

- Replaced nav light switch lower light bulb with new bulb P/N: 472-200.
- Replaced turn coordinator post light bulb with new bulb P/N: GE327.
- Replaced attitude indicator post light bulb with new bulb P/N: GE327.
- Replaced LH overhead map light bulb with new bulb P/N: GE1495.
- Replaced broken LH IB aileron static wick with new static wick P/N: SW10-96.
- Replaced Vacuum Regulator Filter P/N: RAB3-5-1.
- Replaced induction air filter P/N: BA-3.
- Tightened stall warning tab adjustment screws.
- Installed large area washer and self-locking nut to aft left passenger seat fwd mounting bracket attachment bolt.
- Resecured RH Aft floor vent cover.
- Applied 3M anti-chafe tape to side of Stromscope to prevent further chafing from yoke control chain.
- Tightened rudder trim attach bolt at rudder pedal bar.
- Tightened KT74 mounting hardware.
- Tightened RH nav light cover securing aft nav light lens.
- Tightened LH passenger OB seat belt attachment bolt.

Thomas Kratosky AP4657480

- Replaced leaking seals in left main landing gear strut with new p/n 484-769 quad ring and new p/n 486-188 scraper ring. Serviced left strut with new mil-h-5606 hydraulic fluid and new nitrogen air charge to spec.
- Verified proper torques on left main landing gear lower attachment bolts.
- Replaced worn left main brake disc and brake linings with new p/n APS164-02000 disc and new p/n RA066-10500 linings.
- Copilot's right brake master cylinder leaking fluid. Replaced all seals in master cylinder, 1 ea. MS28775-006; 2 ea MS28775-110; and 1 ea MS28775-113. Bled brakes and serviced brake reservoir with 5606 fluid.

Performed an Annual Inspection:

- Performed A 100 hour Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Gascolator ICA Doc. No.3200-3-1 rev. 1.

Airworthiness Directives (AD's): Checked through Biweekly 2024-21

- None due at this time.

I certify that this Aircraft has been inspected in accordance with a 100 hour Inspection and has been determined to be in an airworthy condition.

DATE: 11-01-2024 SIGNED:
Allen J. Silks
AP4406471

WORK ORDER: 01054

1068 (11-11-2024) Page 1 / 1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 1068
DATE: 11-11-2024
A/C Tach: 306.7
Hobbs: 8161.0

Entries

- Removed in-op L/H tail nav lamp, replaced with new lamp (P/N: 34-0428070-63). Ops check good.

Aircraft is approved for return to service for work performed.

DATE: 11-11-2024 SIGNED:
Robert Shaulis
A&P: 4953147

WORK ORDER: 1068

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Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543

Make: PIPER Model: ArcherIII Reg. No.: N9269Q

Order No.: 1068 Completed: 11/22/24

S/N: 28-43031 Tach Time: 325.4 Hobbs Time: 8184.9

- Replaced OB LWR exhaust tailpipe hanger bracket P/N: 24793-004.
- Aircraft is approved for return to service for work performed.

Thomas Kratosky AP 4657480

1088 (12-24-2024) Page 1/1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. No: N9269Q

Aero-Tech Services, INC
500-P Airport Road
Lititz, PA 17543

W/O #: 1088
DATE: 12-24-2024
A/C TT: 11301.4
A/C Tach: 375.1
Hobbs: 8247.4

Airframe Entries

- Replaced vacuum regulator with new P/N: RAB3-5-1.
- Bled spongy left brake. Serviced brake reservoir with MIL-H-5606 hydraulic fluid.
- Tightened RH inner-cylinder baffle jam nut.
- Replaced loose Adel clamp on EGT wire P/N: MS21919WDG6.
- Dropped RH exhaust tubes. Cleaned mating surfaces and replaced Cyl. #1 and #3 exhaust gaskets P/N: 77611. Reinstalled RH exhaust tubes.
- Replaced broken LH stabilator static wick with new P/N: SW10-96.
- Replaced LWR tailcone nutplate patch.
- Installed new alternator fan shroud assembly P/N: 90-2241. Removed prop and installed new belt P/N: X11A1055. Tensioned belt to spec and reinstalled prop.

_____ Thomas Kratosky AP4657480

- Serviced left main landing gear oleo strut with new nitrogen charge.
- Serviced nose landing gear oleo strut with new mil-h-5606 hydraulic fluid and new nitrogen charge.
- Rotated worn left main tire for even tread wear.
- Replaced horizontal stabilator main pivot bearings due to excessive play with new p/n CA452-394 bearings and new p/n 402-680 attachment bolts. Verified horizontal stabilator controls free and correct, no defects noted. Verified proper horizontal stabilator upper and lower control cable tensions. Removed debris from floor underneath elevator trim wheel.
- Tightened the door stay attachment hardware. Ops check ok.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Gascolator ICA Doc. No.3200-3-1 rev. 1.

Airworthiness Directives (AD's): Checked through Biweekly 2024-24

- AD 2024-21-02 Connecting rods, Not applicable due to installation of new p/n SL13923A connecting rod bushing during engine overhaul date of 03/2023, no further action required. Refer to Penn Yan Aero work order #57861-22 for more details.

I certify that this Aircraft has been inspected in accordance with a 100 hour Inspection and has been determined to be in an airworthy condition.

DATE: 12-24-2024 SIGNED: _____ WORK ORDER: 1088

Allen J. Silks
AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
S/N: 28-43031
Model: ArcherIII
Tach Time: 402.5

Reg. No.: N9269Q
Completed: 01/15/2025

- Replaced broken cabin door auxiliary latch P/N: 464-029.
- Aircraft is approved for return to service for work performed.

_____ Thomas Kratosky AP 4657480

1121 (01-24-2025) Page 1 / 1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 1121
DATE: 01-24-2025
A/C Tach: 422.1
Hobbs: 8305.7

Entries

- Replaced flat left main tire and innertube with new Wilkerson retread 6 ply size 6.00-6 tire and new Michelin Airstop size 6.00-6, p/n 092-500-0 innertube. Cleaned and serviced left main wheel bearings with new Mobile SHC 100 grease.
- Replaced missing upper engine cowling fastener with new p/n FX10-1558-1P stud.

Aircraft is approved for return to service for work performed.

DATE: 01-24-2025 SIGNED: _____ WORK ORDER: 1121

Allen Silks
A&P: 4406471

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1121 (01-30-2025) Page 1 / 1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 1121
DATE: 01-30-2025
A/C Tach: 434.8
Hobbs: 8320.8

Entries

- Removed United Instruments Altimeter P/N: 5934PD, S/N: 4K679, and sent out for repair. Installed overhauled altimeter P/N: 5934PD-3, S/N: 4K679. Overhaul done by Keystone Instrument Services, Inc. see work order #25-0055.
- Removed United Instruments airspeed indicator P/N: 8100, S/N: 160195, dated 1/96 and sent out for repair. Installed overhauled airspeed indicator P/N: 8100, S/N: 160195. Overhaul done by Keystone Instruments Services, Inc. work order #25-0055.

Aircraft is approved for return to service for work performed.

DATE: 01-30-2025 SIGNED:
Ryan Potts
A&P: 3990767

WORK ORDER: 1121
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 7946 30-January-2025 WO# 28535 HOBBS 8276.9
N9269Q S/N 2843031 PIPER PA-28-181

Pg 1 / 1

**** ITEM # 28535-1 C/W 2YR IFR CERTIFICATION ****
DISCREPANCY: C/W 2YR (1)STATIC/(1)ALT/(1)MODE-S XPDR/(1)ENC CERTIFICATION.
ACTION: COMPLIED WITH FAR 91.411 AND FAR 43, APPENDIX E ALT./ENC./STATIC SYS CERT. COMPLIED WITH FAR 91.413 AND FAR 43, APPENDIX F 2YR TRANSPONDER CERT.
**** ITEM # 28535-2 REPAIR STATIC SYSTEM LEAK ****
DISCREPANCY: STATIC SYSTEM HAS AN OPEN LEAK WHICH EXCEEDS ALLOWABLE TOLERANCE.
ACTION: ISOLATED A 3,000 FT/MIN LEAK AT THE ALTIMETER AND A 300 - 500 FT/MIN LEAK AT THE AIRSPEED INDICATOR. AERO-TECH SERVICES MAINT. DEPT. WILL HAVE INSTRUMENTS REMOVED AND SENT OUT FOR REPAIR. PERFORMED STATIC SYSTEM LEAK FOLLOWING REINSTALLATION OF REPAIRED ALTIMETER AND AIRSPEED. FINAL LEAK CHECK ANALYSIS PASSES WITHIN ALLOWABLE TOLERANCE WITH A 67 FT/MIN LEAK @ 1,000 FT AGL PRESSURE ALTITUDE.

MARK J. FORTH

HOBBS: 8276.9 N: 9269Q WO28535

LANCASTER AVIONICS INC. CRS # LN7R261N
I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/A/W FAR 43 APPENDIX E

LANCASTER AVIONICS INC
CRS # LN7R261N
I CERTIFY THAT THE TRANSPONDER (S) 413 HAS BEEN PENDIX F

12/14/2011

LANCASTER AVIONICS, INC

ALTIMETER/STATIC and ENCODER EVALUATION PER FAR 91.411 - FAR 43, APPENDIX 'E'

Customer:	AERO-TECH	Aircraft Type:	PIPER PA-28-181	N#:	N9269Q

	Manufacturer	Part Number	Serial Number	Test Ceiling	16,000	Test Alt	Pilot Up Pass	Pilot Diff	Tol	Co-Pilot Up Pass	Co-Pilot Diff	Tol
Altimeter												
Pitot	UNITED	5934P-A1/3M	4K679	System Leak	<67							
Co-Pilot	N/A			Hysteresis: 50%		5000	7920	10	+/- 75			N/A
Encoder	TRANS-CAL	SSD120-3013	SRM-29836				7950					
				40%		6400	6375	5	+/- 75			
							6350					
				After Effect		0	0	0	+/- 30			
							0					

Error	Pilot	Co-Pilot	Tol	Encoder 125'	Friction Pilot	Friction To	Friction Co-Pilot
-1000	940	N/A	20	920			
zero	0		20	- 40	40	100	70
500	520		20	460	40	1000	70
1000	980		20	970	40	1070	70
1500	1490		25	1470	40	1570	80
2000	1980		30	1970	40	2070	90
3000	2940		30	2920	40	3020	100
4000	3920		35	3900	40	4000	120
6000	5925		40	5900		6000	140
8000	7920		60	7900		8050	160
10000	9920		80	9900		10050	180
12000	11925		90	11900		12050	250
14000	13920		100	13900		14050	
16000	15925		110	15900			
18000	N/A		120	N/A			
20000			130				
22000			140				
25000			155				
30000			180				
35000			205				
40000			230				
45000			255				
50000			280				

Pressure - Alt Diff Tol +/- 25			
	Pilot	Tol	Co-Pilot
28.10"	-1750		
28.50"	-1330		
29.00"	-850		
29.50"	-340		
29.92"	0		
30.50"	530		
30.90"	950		
30.99"	1030		

	PASS	FAIL
Pilot Altimeter	✓	
Co-Pilot Altimeter	✓	
Encoder	✓	

Technician: (Signature)
Date: 1-29-25

CRS

Lancaster Avionics Inc.
500-U Airport Rd
Lititz, PA 17543

(717) 569-1953 Phone
(717)-569-1722 Fax

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 1121
DATE: 01-30-2025
A/C Tach: 434.8
Hobbs: 8320.8

Entries

- Removed United Instruments Altimeter P/N: 5934PD, S/N: 4K679, and sent out for repair. Installed overhauled altimeter P/N: 5934PD-3, S/N: 4K679. Overhaul done by Keystone Instrument Services, Inc. see work order #25-0055.
- Removed United Instruments airspeed indicator P/N: 8100, S/N: 160195, dated 1/96 and sent out for repair. Installed overhauled airspeed indicator P/N: 8100, S/N: 160195. Overhaul done by Keystone Instruments Services, Inc. work order #25-0055.

Aircraft is approved for return to service for work performed.

DATE: 01-30-2025 SIGNED:

Ryan Potts
A&P: 3990767

WORK ORDER: 1121

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 7946 30-January-2025 WO# 28535 HOBBS 8276.9
N9269Q S/N 2843031 PIPER PA-28-181 Pg 1 / 1

**** ITEM # 28535-1 C/W 2YR IFR CERTIFICATION ****
DISCREPANCY: C/W 2YR (1)STATIC/(1)ALT/(1)MODE-S XPDR/(1)ENC CERTIFICATION.
ACTION: COMPLIED WITH FAR 91.411 AND FAR 43, APPENDIX E ALT./ENC./STATIC SYS CERT. COMPLIED WITH FAR 91.413 AND FAR 43, APPENDIX F 2YR TRANSPONDER CERT.
**** ITEM # 28535-2 REPAIR STATIC SYSTEM LEAK ****
DISCREPANCY: STATIC SYSTEM HAS AN OPEN LEAK WHICH EXCEEDS ALLOWABLE TOLERANCE.
ACTION: ISOLATED A 3,000 FT/MIN LEAK AT THE ALTIMETER AND A 300 - 500 FT/MIN LEAK AT THE AIRSPEED INDICATOR. AERO-TECH SERVICES MAINT. DEPT. WILL HAVE INSTRUMENTS REMOVED AND SENT OUT FOR REPAIR. PERFORMED STATIC SYSTEM LEAK FOLLOWING REINSTALLATION OF REPAIRED ALTIMETER AND AIRSPEED. FINAL LEAK CHECK ANALYSIS PASSES WITHIN ALLOWABLE TOLERANCE WITH A 67 FT/MIN LEAK @ 1,000 FT AGL PRESSURE ALTITUDE.

MARK J. FORTH

HOBBS: 8276.9 N: 9269Q W028535

LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/A/W FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
# 1 ALTIMETER	UNITED	16,000
# 2 ALTIMETER	NA	
ENCODER (S)	TRANS-CAL	16,000
STATIC SYSTEM TEST DATE		1-29-25
SIGN		DATE 1-29-25

LANCASTER AVIONICS INC
CRS # LN7R261N

I CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/A/W FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	KT-74
# 2TRANSP	NA
SIGN	
DATE	1-29-25

1121 (02-24-2025)

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. No: N9269Q

Aero-Tech Services, Inc.
500-P Airport Road
Lititz, PA 17543

W/O #: 1121
DATE: 02-24-2025
A/C TT: 11390.0
A/C Tach: 463.7
Hobbs: 8355.3

Airframe Entries

- Replaced broken left inboard aileron static wick with new p/n SW10-96 static wick.
- Replaced worn EGT probe for cylinder #1 with new p/n P-110-R probe. Ops check ok.
- Replaced worn grommets on pitot lines in left wing with new p/n RG14 grommets.
- Tightened loose left and right main landing gear center torque link bolts.
- Serviced nose landing gear strut height to spec with new nitrogen charge.

Thomas Kratosky AP4657480

- Lubricated airframe.
- Drained carb fuel bowl and reinstalled drain plug. Leak check ok. Reinstalled airbox with new p/n 63684-004 gasket.
- Cleaned carb fuel inlet screen and reinstalled with new p/n MC16-A48 gasket. Cleaned facet fuel pump screen. Leak checks ok.
- Repaired hole in bottom cowling underneath alternator bracket pulley with new fiberglass patch.
- Replaced missing seat belt spacers p/n S2237-3 for both aft passenger seat belts.
- Replaced cracked nose wheel axle plugs with new p/n 35158-002 plugs.

Robert Shaulis AP4953147

- Replaced vacuum regulator filter with new p/n RAB3-5-1 filter.
- Cleaned and serviced nose wheel bearings with new Mobile SHC 100 grease.
- Replaced worn stabilator trim left outboard hinge assembly with new p/n 63560-002 hinge tabs and new p/n 62002-002 hinge pin. Reinstalled right stabilator trim and verified stabilator trim controls free and correct.
- Replaced worn right aileron middle hinge assembly with new p/n 35636-000 hinge. Reinstalled right aileron and verified controls free and correct.
- Repaired cracks in main cabin door frame assembly at lower door hinge. Replaced cracked lower hinge doubler with new p/n 79645-002 doubler. Replaced bent cabin door lower hinge assembly with new p/n 79475-008 hinge. Fabricated aluminum patch to repair crack in main cabin door assembly. Reinstalled main cabin door with new hinge hardware including p/n 07-ADSCL clevis pin kit and new p/n 07-EYE1 eye bolt kit. Verified main cabin door operated normally.
- Replaced inop Edo-Aire attitude gyro p/n C661076-0101, mfg. p/n 23-501-017, m/n 5000F-6, s/n 89532F with new Edo-Aire attitude gyro p/n C661076-0101, mfg. p/n 23-501-017, m/n 5000F-6, s/n 27093F. Replaced hose from vacuum regulator to attitude gyro. Replaced hose from attitude gyro to gauge. Ops check ok, attitude indicator operated normally. Refer to Aircraft Quality Instruments w/o no. 82919 dated 2-17-2025 for more details.

Performed an Annual Inspection:

- Performed A 100 hour Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Gascolator ICA Doc. No.3200-3-1 rev. 1.

Airworthiness Directives (AD's): Checked through Biweekly 2025-04

- None due at this time.

I certify that this Aircraft has been inspected in accordance with a 100 hour Inspection and has been determined to be in an airworthy condition.

DATE: 02-24-2025 SIGNED: WORK ORDER: 1121

Allen J. Silks AP4406471

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q

Order No.: 1162 | Completed: 4/23/25

S/N: 28-43031 | Tach Time: 562.8 | TTAF: 11489.1

Completed the Following Items:

- Lubricated airframe
- Installed new vacuum regulator filter P/N: RAB3-5-1.
- Installed new main vacuum regulator with new P/N: RA-D9-18-1.
- Cleaned, inspected, and replaced grease in RH main wheel bearings.
- LH PAX seat back attachment bolts were loose on both LH and RH side, tightened both attachment bolts.
- LH PAX seat recline handle sticking when returning to upright position. Lubricated the recline handle mechanism, ops check good.

Mitchell Gordon AP4972692

- Complied with Steve's Aircraft gascolator ICA Doc. no. 3200-3-1.

Robert Shaulis AP4953147

- Play in upper rudder hinge bearing. Removed rudder and worn bearing, installed new bearing P/N: 452-387. Reinstalled rudder.

Ryan Potts AP3990767

- C/W FAR 91.207(d). Next Due 04/2026, Battery due 02/2026

Airworthiness Directives (AD's): Checked through Biweekly 2025-08

- None due at this time.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.

Date: 4/23/2025 Signed: Cert. No. AP3129806 IA

Robert G. Zimmerman

1198 (05-09-2025) Page 1 / 1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 1198
DATE: 05-09-2025
A/C Tach: 595.3

Entries

- Replaced pilot PTT. Ops check good.

Aircraft is approved for return to service for work performed.

DATE: 05-09-2025 SIGNED:
Ryan Eberhart
A&P: 3679868

WORK ORDER: 1198
Printed by EBIS (EBISCloud.com)

1198 (05-19-2025) Page 1/1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. No: N9269Q

Aero-Tech Services, INC
500-P Airport Road
Lititz, PA 17543

W/O #: 1198
DATE: 5-19-2025
A/C Tach: 608.2
Hobbs: 8532.4

Airframe Entries

- Replaced LH cabin speaker with new P/N: 487-192. Operational check ok.

Aircraft is approved for return to service for the work performed.

DATE: 5-19-2025 SIGNED:
Thomas Kratosky
AP4657480

WORK ORDER: 1198

1198 (06-18-2025) Page 1 / 1

MAKE: Piper •
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 1198
DATE: 06-18-2025
A/C Tach: 636.9

Entries

- Removed GNS430 P/N: 011-01060-00, S/N: 23426054. Installed serviceable GNS430 P/N: 011-01060-40, S/N: 97116057 for troubleshooting purposes. C/W ops check. ops check good.

Aircraft is approved for return to service for work performed.

DATE: 06-18-2025 SIGNED:
Ryan Eberhart
A&P: 3679868

WORK ORDER: 1198
Printed by EBIS (EBISCloud.com)

1198 (06-28-2025)

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. No: N9269Q

Aero-Tech Services, Inc
500-P Airport Road
Lititz, PA 17543

W/O #: 1198
DATE: 06-28-2025
A/C Tach: 643.4
Hobbs: 8575.0

Airframe Entries

- Removed inop Whelen strobe light assembly m/n A610, p/n 02-0250276-00 dated 11/09 and replaced with new Whelen strobe light assembly m/n A610, p/n 02-0250276-00 dated 11/17. Ops check ok.
- Replaced leaking fuel sump drain assembly for right wing fuel tank with new Curtiss p/n CCA-1550 drain. Ops check ok, verified no leaks.

I certify that this aircraft is approved for return to service for the work performed.

Date: 06-28-2025 SIGNED:
Allen J. Silks AP4406471

WORK ORDER: 1198

1198 (7-9-2025) Page 1/1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. No: N9269Q

Aero-Tech Services, INC
500-P Airport Road
Lititz, PA 17543

W/O #: 1198
DATE: 07-09-2025
A/C TT: 11592.8
A/C Tach: 666.5
Hobbs: 8601.2

Airframe Entries

- Lubricated airframe
- Cleaned corrosion from LH brake caliper thru-bolt holes.
- Verified torque on LH brake line b-nut with broken torque stripe.
- Removed broken co-pilot seat back stop bolt, replaced with new (P/N: 402-777).

_____ **Robert Shaulis AP4953147**

- Inspected and cleaned airframe fuel pump filter – no defects noted
- Replaced induction air filter with new P/N: BA-3 air filter element.
- Tensioned alternator belt tension to spec.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Gascolator ICA Doc. No.3200-3-1 rev. 1.

_____ **Allen J. Silks AP4406471**

- Replaced Vac Reg Filter with new P/N: RAB3-5-1.
- Replaced exhaust shroud intake scat with new P/N: SCAT-10.
- Adjusted nose wheel steering stop bolts for proper travel.
- Adjusted rudder cable tensions to spec IAW AMM.

Airworthiness Directives (AD's): Checked through Biweekly 2025-13

- None due at this time.

I certify that this **Aircraft** has been inspected in accordance with a **100**-hour Inspection and has been determined to be in an airworthy condition.

DATE: 7-9-2025 SIGNED: _____ WORK ORDER: 1198

Thomas Kratosky AP4657480

1395 (02-16-2026) Page 1 / 1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 1395
DATE: 02-16-2026
A/C Tach: 747.9
Hobbs: 8701.8

Entries

- Removed used serviceable King m/n 74, p/n 89000007-000001, s/n 02540 tansponder and replaced with used serviceable King m/n 74, p/n 89000007-000001, s/n 01864 transponder. Ops check ok.

Aircraft is approved for return to service for work performed.

DATE: 02-16-2026 SIGNED: _____ WORK ORDER: 1395

Allen Silks
A&P: 4406471

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1395 (02-19-2026) Page 1 / 1

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. NO: N9269Q

Aero-Tech Services, INC.
500-P Airport Road
Lititz, PA 17543

W/O #: 1395
DATE: 02-19-2026
A/C Tach: 747.9
Hobbs: 8701.8

Entries

- Removed King m/n 74, p/n 89000007-000001, s/n 01864 transponder and replaced with used serviceable King m/n 74, p/n 89000007-000001, s/n 02540 transponder. Ops check ok.

Aircraft is approved for return to service for work performed.

DATE: 02-19-2026 SIGNED: _____ WORK ORDER: 1395

Allen Silks
A&P: 4406471

Printed by EBIS (EBISCloud.com)

1395 (09-01-2026)

MAKE: Piper
MODEL: PA-28-181
S/N: 28-43031
REG. No: N9269Q

Aero-Tech Services, Inc.
500-P Airport Road
Lititz, PA 17543

W/O #: 1395
DATE: 09-01-2026
A/C TT: 11686.5
A/C Tach: 760.2
Hobbs: 8704.4

Airframe Entries

- Cleaned, inspected, and serviced nose wheel bearings with new Mobile SHC 100 grease.
- Replaced vacuum regulator filter with new p/n RAB3-5-1 filter.
- Resecured oil cooler to engine baffle mounting plate by replacing attachment hardware.
- Removed and treated filiform corrosion from aft propeller bulkhead with Bonderite M-CR 1132 alodine treatment. Painted and reinstalled aft propeller bulkhead.
- Removed propeller p/n 76EM8S14-0-62, s/n 104568K and propeller spacer for overhaul. Refer to East Coast Propeller work order no. ER-17159 dated 6-11-2026 for more details. Installed overhauled propeller p/n 76EM8S14-0-62, s/n 104568K to engine. Retorqued and safetied propeller mounting bolts to spec.
- Replaced loose rivets on lower right cowling to firewall attachment bracket with new p/n CR3213 rivets.
- Resealed leaking nose landing gear strut with new p/n Q4222 quad seal and new p/n AN6246-27 backup ring. Serviced nose landing gear strut with new Mil-h-5606 hydraulic fluid. Serviced to proper strut height with new nitrogen charge.
- Resealed leaking left landing gear strut with new p/n Q4326 quad seal. Serviced left landing gear strut with new Mil-h-5606 hydraulic fluid. Serviced to proper strut height with new nitrogen charge. Verified no leaks.
- Removed surface rust on engine mount and treated bare mount with primer and paint.

Luke Arnold

Luke Arnold AP4480662

- Lubricated airframe.
- Replaced inop right aft passenger seat back recline handle return springs with new p/n 487-351 and p/n 487-352 springs.
- Replaced worn left and right main tires with new Wilkerson retread 6 ply tire size 6.00-6 and new Michelin airstop size 6.00-6, p/n 092-500-0 inner tubes. Cleaned, inspected, and serviced all main wheel bearings with new Mobile SHC 100 grease.
- Replaced worn right main wheel bearings and races with new p/n 13889-20629 bearings and p/n 13836-2062 races.
- Replaced cracked main cabin door frame forward channel with new p/n 62483-002 channel. Replaced upper main cabin door frame hinge and eyebolt with new p/n 79475-007 hinge and new p/n AN44-25A eyebolt. Adjusted aft striker plate to allow for proper latch operation. Verified proper main cabin door operation and seal.
- Replaced cracked baggage door hinge with new p/n MS20257-3 hinge assembly.
- Resecured loose glareshield interior leather using 1300L adhesive.
- Replaced missing elevator trim control wheel and parking brake handle interior placard.

Brian Hill

Brian Hill AP5074644

- Removed GNS430 p/n 011-01060-40, s/n 97116057 for outside repair. Installed repaired GNS430 p/n 011-01060-40, s/n 97116057, refer to Lancaster Avionics work order numbers RMA 220060754 and 29391 for more details. Ops check ok.
- Replaced inop ELT remote switch with new p/n 345-6196-04 switch. Ops check ok, no defects.

Matthew Hayes APS317830

- Drained carb fuel bowl and reinstalled drain plug. Leak check ok. Reinstalled airbox with new p/n 63684-004 gasket.
- Cleaned carb fuel inlet screen and reinstalled with new p/n MC16-A48 gasket. Cleaned facet fuel pump screen. Leak checks ok.
- Replaced bracket air filter element with new p/n BA-3 filter.
- Replaced main vacuum filter element with new p/n RA-D9-18-1 filter.
- Replaced leaking seals in copilot right brake master cylinder m/n 10-30 with new p/n 199-51200 repair kit. Replaced worn right brake caliper bleeder screw with new p/n 079-00300 screw. Serviced right brake lines with new Mil-prf-5606J hydraulic fluid, verified normal operation of brake system, no leaks.
- Replaced worn pilot and copilot control yoke universal joints with new p/n UJP-KT-2T universal joint kits. Installed kits with used serviceable p/n 62716-007 tee bar shafts and shimmed joint assemblies with new p/n 62833-152 shims to allow for proper free play with no drag. Adjusted control column tee bar assembly rigging, aileron control rigging, tensions and travels per piper maintenance manual chapter 27-10-00. Verified aileron controls free and correct. No defects noted.
- Replaced inop left main gear fairing receptacles with new p/n 484-198 receptacles.
- Installed helicoil thread insert for pilot seat back vertical adjustment stop and replaced seat stop hardware with serviceable p/n 402-777 bolt and p/n 79177-000 nut.
- Lubricated stiff throttle control for smooth operation. Ops check ok.
- Replaced inop vertical airspeed post light bulbs and inop pitot heat annunciator backlight bulb with new p/n GE327 bulbs.
- Replaced battery pack for Artex ELT m/n 110-4, s/n 63592 with a repaired ACR Electronics battery pack p/n 452-0130, s/n A-913. ELT battery expires 5-1-2028.
- Complied with FAR 91.207(d) ELT inspection for Artex ELT m/n 110-4, s/n 63592. ELT battery expires 5-01-2028
- Removed System 40 s/n 490B single axis autopilot for outside repair. Installed repaired System 40 s/n 490B, refer to Lancaster Avionics work order no. 29402 for more details. Ops check ok.
- Removed inop KX-155 Nav/Comm radio p/n 069-1624-43, s/n 111750 for outside bench check. Bench check failed; unit will not power on. Reinstalled inop KX-155 Nav/Comm radio p/n 069-1624-43, s/n 111750 and placarded radio inop.
- Removed inop strike finder processor/display p/n 2000-021-009 and installed blanking plate in instrument panel. Disconnected strike finder power input from circuit breaker and disconnected strike finder sensor coaxial cable in empennage to disable strike finder system. Placarded strike finder system inop. No change to weight and balance.

Performed an Annual Inspection:

- Performed an annual inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Steve's Gascolator ICA Doc. No.3200-3-1 rev. 1. by cleaning fuel filter element and replacing fuel bowl seal with new p/n V1000 2x41 MM Viton-75 o-ring. Verified no fuel leaks.
- Complied with instructions for continued airworthiness for Knots2U piper wingtip STC SA2356NM by visual inspection and functional check per section 12.0 of manual no. RMD-00160-PS rev. D.

Airworthiness Directives (AD's): Checked through Biweekly 2026-17

- None due at this time.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in an airworthy condition.

DATE: 9-01-2026 SIGNED:

Allen J. Silks AP4406471IA

WORK ORDER: 1395