AIRFRAME **N9269Q**
Date: 5/16/2013 Tach time: 5789.8

1. Replaced central vacuum filter P/N RAD9-18-1, and regulator filter P/N RAB3-5-1.
2. Adjusted vacuum regulator to proper setting.
3. Repaired broken alternator aux wire at alternator.
4. Repaired insulation on air conditioning compressor clutch wire with heat shrink.
5. Adjusted alternator belt to proper tension.
6. Replaced o-ring in RH brake wheel cylinder.
7. Removed wheel pants. Updated weight and balance.

Aero-tech Services Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 5/21/2013 Tach time: 5795.3

1. Replaced both fuel cap seals with new P/N 462-056.

Aero-tech Services Carl Tyler Weaver AP3077957

AIRFRAME
Date: 6/12/2013 Tach time: 5812.6

1. Replaced nose strut bumper with new P/N 13114-000.
2. Replaced NLG strut quad seal, scraper, and gland o-ring with new parts from kit# TPNS-1. Serviced strut with 5606 fluid and nitrogen to proper levels.
3. Sealed fuel tank cap locks to prevent water leakage.

Aero-tech Services Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 8/1/13 Tach Reading: 5860.2 Total Time: 5860.2

1. Replaced brake hose from reservoir to hand brake.
2. Replaced left disc and brake linings.
3. Replaced 3 instrument light bulbs.
4. Replaced o-ring seal in right brake caliper.
5. Replaced bonding strap on right flap.
6. Replaced intake air filter with new BA-3 filter.
7. ELT inspection due 3/2014. ELT battery due 8/2014.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Aero-tech Services, Inc. *Robert G. Zimmerman AP3129806IA*

AIRFRAME **N9269Q**
Date: 9/6/2013 Hourmeter or Tach: 5901.2

1 Replaced right outboard and middle stabilator trim tab hinges with new MS20001-3-7200 hinge.
2 Replaced Directional Gyro with Sigma Tek unit overhauled by Aircraft Quality Instruments part no. 4000H-4, serial no. T42870.
3. Operational check ok.

Aero-Tech Services, Inc. *Robert G. Zimmerman AP3129806*

AIRFRAME **N9269Q**
Date9/13/2013 Tach time: 5909.0

1. Resoldered loose wire on clock/hobbs meter inline fuse holder. Ops check good.

Aero-tech Services Ethan Moyer AP3615537

AIRFRAME **N9269Q**
Date: 9/18/2013 Tach time: 5920.1

1. Installed overhauled attitude indicator p/n 5000B-32 s/n A26254J.
2. Ops check good.

Aero-tech Services Ethan Moyer AP3615537

AIRFRAME **N9269Q**
Date: 10/18/2013 Tach Reading: 5955.4 Total Time: 5955.4

1. Replaced NLG rubber bumper with new P/N 452-947.
2. Rotated LH MLG tire for wear. Cleaned and repacked LH MLG wheel bearings.
3. Removed spacer from RH brake cylinder.
4. Replaced missing nut at pilot's seat back pivot. CC- JEM

J. Ethan Moyer
J. Ethan Moyer AP3615537

5. Replaced vac regulator filter with new P/N RA-B3-5-1.
6. Reinstalled upper cowl attach nutplate on RH side of lower cowl.
7. Replaced rudder pedal tube mount attachment point aft "Z" bracket in control cable tunnel below pedestal with new piece fabricated from .040" alclad using old bracket as pattern.
8. Secured loose rudder pedal tube center mount hardware.
9. Retensioned rudder control cables to correct tension.
10. Sealed key hole on LH fuel cap to prevent water leakage.
11. Bled LH brake lines.
12. Checked AD compliance thru bi weekly 2013-20. **AD2012-03-07** is not applicable by carburetor model number.

I certify that this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.

Aero-Tech Services, Inc.

Carl Tyler Weaver
Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 11/1/2013 Tach time: 5791.5

1. Replaced aft stabilator trim cable with new P/N 62701-216. Rigged trim IAW service manual.

Carl Tyler Weaver
Aero-tech Services, Inc. Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 11/7/2013 Tach time: 5977.7

1. Fabricated and installed new bonding strap on RH flap.
2. Installed new steering centering springs P/N37929-002.
3. Replaced pilot seatback tilt lever springs with new P/N 487-351.
4. Replaced A/C condenser scoop RH arm and lower bearing assy with new P/Ns 99495-000 and 99561-000. Ops check-OK.
5. Replaced RH side engine primer line with new P/N 63807-000.
6. Replaced tail pipe hanger bushing in clamp with new P/N 82732-103.

Carl Tyler Weaver
Aero-tech Services Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 11/14/2013 Tach: 5983.9

1. Replaced nose wheel inner tube with new Airstop 6.00 -6..

J. Ethan Moyer
Aero-tech Services, Inc. *Lititz, PA* J. Ethan Moyer AP3615537

AIRFRAME **N9269Q**
Date: 11/30/13 Tach time: 5999.3

1. Replaced heat shield on lower cowling under exhaust.

Aero-tech Services *Robert G. Zimmerman AP3129806*

AIRFRAME **N9269Q**
Date: 12/9/2013 Tach: 6007.3

1. Installed new gas cap gasket on left tank.

Carl Tyler Weaver
Aero-Tech Services, Inc. *Lititz, PA* Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 12/11/2013 Tach time: 6008.4

1. Replaced transponder antenna with new unit part no. CI 105-16.
2. Replaced rusty screws in pitot mast with new screws.

Carl Tyler Weaver
Aero-tech Services Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 12/12/2013 Tach time: 6013.6

1. Bled both brakes.
2. Reinstalled loose headset jack on RH rear passenger side.

Aero-tech Services Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 12/17/2013 Tach time: 6023.1

1. Replaced battery with new P/N RG24-15M, S/N 40626363.
2. Fabricated and installed terminal strip cover on LH terminal strip on rear center spar.

Aero-tech Services Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 1/8/2014 Tach time: 6035.8

1. Replaced LH main tire with new AirHawk 6.00-6 6ply and tube with new Aeroclassic 600-6.

Aero-tech Services Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 1/23/2014 Tach time: 6040.1

1. Replaced seals in both pilot's and co-pilot's RH brake master cylinders with new MS28775 o-rings. Bled brakes, ops check-OK.

Aero-tech Services, Inc. *Lititz, PA* Carl Tyler Weaver AP3077957

AIRFRAME **N9269Q**
Date: 02/28/2014 Tach: 6052.4 Total Time: 6052.4

1. Removed, cleaned, and reinstalled A/C evaporator filter in rear of cabin.
2. Replaced RH brake disc and lining with new P/Ns 164-02000 disc and 066-10500 lining.
3. Replaced intake air filter with new P/N BA-3.
4. Replaced LH MLG wheel assy with serviceable assy P/N 40-86B.

J. Ethan Moyer AP3615537

5. Replaced vac regulator filter with new P/N RA-B3-5-1.
6. Removed ELT for repair and placarded instrument panel.
7. Replaced alternator cooling duct with new SCAT tube.
8. Replaced support blocks at both ends of rudder pedal tube with new P/N 452-899.
9. Replaced fuel line section from fuselage to RH wing with new tube fabricated from 5052-0 tubing and installed with AN815-6D unions. Leak check-OK.
10. Reinstalled and/or replaced several roll pins in both front seat frames as required. Safetied all roll pins with wire.
11. Checked AD compliance thru bi weekly 2014-04, no new ADs.

I certify that this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.

Aero-Tech Services, Inc. Lititz, PA *Carl Tyler Weaver AP3077957*

AIRFRAME **N9269Q**
Date: 03/10/2014 Tach time: 6053.8

1. Replaced stab trim barrel with new P/N CA63530-100 per STC SA3172SO. See form 337 this date.
2. Replaced stab trim shaft with new P/N CA65246-100 per STC SA3217SO. See form 337 this date.
3. Replaced stab trim barrel bushings with new P/N 452-413. Rigged trim system per maint. manual.

Aero-Tech Services, Inc. *Lititz, PA* *Carl Tyler Weaver AP3077957*

AIRFRAME **N9269Q**
Date: 03/11/2014 Tach time: 6054.9

1. Replaced pilot's control yoke universal with new P/N CA62834-802.

Aero-Tech Services, Inc. *Lititz, PA* *Carl Tyler Weaver AP3077957*

AIRFRAME **N9269Q**
Date: 4/8/2014 Tach time: 6080.8

1. Removed 2 broken screw shanks from LH gear fairing nutplates and replaced with new.
2. Disassembled and lubed control yoke shaft bushings with Parker O-lube.

Aero-Tech Services, Inc. *Lititz, PA* *Carl Tyler Weaver AP3077957*

AIRFRAME **N9269Q**
Date: 4/12/2014 Tach time: 6081.7

1. Replaced right main tube with new 6.00x6 Goodyear Mate tube.
2. Cleaned mating surfaces of caliper and back plate. Lubed caliper pins and guides.

Aero-Tech Services, Inc. *Lititz, PA* *Daryl Beachy AP2839654*

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 151 Completed: 05/02/14
S/N: 28-43031 Tach Time: 6096.10 TTAF:

1. Installed ELT 110-4, S/N 63592 repaired by ACR electronics on WO#201074.
2. Installed new ELT battery P/N 452-0130 with repaired ELT; expiration date Jul 2016.
3. Replaced ELT antenna with new P/N 110-324.
4. Tested ELT installation IAW FAR 91.207(d); passed, next due 5/2015.

Carl Tyler Weaver AP3077957

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 1008 Completed: 06/18/14
S/N: 28-43031 Tach Time: 6139.40 TTAF:

Replaced alternator tensioner pulley with new P/N 85532-003.
Replaced A/C compressor idler pulley with new P/N 99046-000.
Replaced A/C compressor belt with new P/N 73965 and adjusted to proper tension.
Replaced carb air box butterfly valve with new P/N 62999-003.
Replaced carb air box gasket with new P/N 63684-004.
Sealed engine baffles with RTV.

Carl Tyler Weaver AP3077957

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 784 Completed: 06/06/14
S/N: 28-43031 Tach Time: 6126.70 TTAF:

1. Removed engine O-360-A4M, S/N RL-22257-36A, TT 3716.1, TSMOH 1730.1 and installed O-360-A4M, S/N RL-31900-36A, TT 8300.5, TSMOH 0.0 with new Skytec starter P/N 149-NL/ec (updated weight and balance records).
2. Replaced oil cooler with new AERO-Classics P/N 8000075, S/N 10426204
3. Replaced engine mounts with new Barry Mounts P/N 94011-20
4. Replaced starter cable from solenoid to starter with new cable fabricated from M22759/16-4 and 33470 terminals.
5. Removed rust, prepped, primed, and painted engine mount as needed.
6. Replaced throttle and mixture control cable seals with serviceable seals as needed.
7. Replaced LH landing light with new bulb p/n GE4594. Ops check good.
8. Run up, leak check, and 1 hour test flight - normal.

Carl Tyler Weaver AP3077957

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: Archer III Reg. No.: N9269Q
Order No.: 1221 Completed: 06/26/14
S/N: 28-43031 Tach Time: 6148.30 TTAF: 6148.30

1. Glued patch on compass housing to cover crack.
2. Replaced left fuel tank drain valve with new valve p/n CCA-1550
3. Replaced left wheel brake linings with new Rapco RA66-105 linings.
4. Replaced right main strut quad seal with new seal p/n CA484-769. Serviced strut with fluid and nitrogen.
5. Replaced right main tire with new Airhawk 6.00-6 6 ply tire. Cleaned and repacked wheel bearings with grease.
6. Removed existing EGT system p/n 172C4D-2. Installed Electronics International Model E-1 s/n 158469 EGT system in accordance with STC SA1626NM, using Electronics International single and multi-channel operating and installation instructions OII 0906941 dated 9/6/94. Connected EGT system to aircraft main buss using 1 Amp inline fuse. Installed Operating and Installation Instructions in aircraft records. Revised weight and balance and equipment list.
7. Replaced vacuum regulator filter.

J. Ethan Moyer AP3615537

8. Replaced rear muffler with overhauled unit P/N 85477-05.

Carl Tyler Weaver AP3077957

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

Robert G. Zimmerman AP3129806IA

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 1466 Completed: 07/15/14
S/N: 28-43031 Tach Time: 6171.6 TTAF:

Replaced left wing strobe with new Whelen p/n A610. J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 1466 Completed: 07/16/14
S/N: 28-43031 Tach Time: 6171.60 TTAF:

Removed AC compressor for maintenance. Capped and secured lines. Updated weight and balance.

J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 1466 Completed: 07/30/14
S/N: 28-43031 Tach Time: 6188.30 TTAF:

Reinstalled A/C compressor and clutch assy overhauled by Pifer Airmotive on WO# 20515. Serviced compressor with 10oz oil P/N 197-511. Replaced receiver/dryer with new P/N 602-275. Replaced pressure switch with new P/N 688-425. Replaced line seals at receiver/dryer and compressor with new P/Ns 485-196, -197, and -198 o-rings. Replaced A/C drive belt with new P/N 73965-010. Evacuated system and recharged with approx. 2.5lbs of R-134a IAW MM ch 21-50-00 par (F)(3-5). Ops check - normal. Updated weight and balance.

Carl Tyler Weaver AP3077957

Removed and reinstalled propeller for A/C compressor drive belt replacement, torqued bolts to 750in/lbs and safetied.

J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 2579 Completed: 09/05/14
S/N: 28-43031 Tach Time: 6247.60 TTAF:6247.60

Installed overhauled forward muffler p/n 85477-002.

Daryl Beachy AP2839654

Installed new vacuum regulator filter p/n RAB3-5-1.
Installed new intake filter p/n BA-3.
Replaced LH main tire with new Airhawk 6.00-6 6 ply. Cleaned and repacked LH main wheel bearings.
I certify that this airframe has been inspected in accordance with a 100 hr inspection and has been determined to be in an airworthy condition.

J. Ethan Moyer AP3615537

AIRFRAME **N9269Q**
Date: 9/19/2014 Tach Reading: 6266.4

Replaced electric fuel pump with new pump assembly p/n 35328-006.

J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 2579 Completed: 10/01/14
S/N: 28-43031 Tach Time: 6285.9 TTAF:

Replaced attitude indicator with unit overhauled by Aircraft Quality Instruments p/n 5000F-6 s/n 33713F. See form 8130-3.

J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 3415 Completed: 10/20/14
S/N: 28-43031 Tach Time: 6310.10 TTAF:

-Replaced nose wheel tube with new Aero Classic 600-6.

J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 4088 Completed: 11/28/14
S/N: 28-43031 Tach Time: 6338.90 TTAF: 6338.90

-Replaced right wing landing light p/n GE-4594.
-Added fluid to brake reservoir.
-Replaced pilots seat adjustment spring p/n MC587-404.
-Replaced white nav bulb on right wing.
-Replaced new vacuum regulator filter p/n RAB3-5-1.
I certify that this airframe has been inspected in accordance with a 100 hr inspection and has been determined to be in an airworthy condition. J. Ethan Moyer AP3615537

1-29-15 Archer N9269Q Hobbs 2297.1 Tach 6396.5
C/W Garmin SB 0844 by updating main software
in GNS430, SN97116057 from 5.01 to 5.04. GPS
software already current @ 3.03 LANCASTER AVIONICS INC
There is no change to the FMS. A/I LANCASTER AIRPORT
Ops chks OK. Details on file. LITITZ, PA 17543
W.O. Ref No. 19620 DATE 1-29-2015
CERTIFICATE NO. LN7R261N
SIGNED Andrew Knowles

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	20,000 Ft
# 2 ALTIMETER	N/A	
ENCODER (S)	Narco	20,000 Ft

STATIC SYSTEM TEST DATE 1-29-15
SIGN Andrew Knowles DATE 1-29-15

LANCASTER AVIONICS INC
CRS # LN7R261N

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-76A
# 2 TRANSP	N/A

SIGN Andrew Knowles
DATE 1-29-15

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 5901 Completed: 03/19/15
S/N: 28-43031 Tach Time: 6437.90 TTAF: 6437.90

1. Removed corrosion and primed area around lower cowl right side forward three receptacles.
2. Removed left tank fuel sender p/n 7740-00309 s/n 150939. Sender was overhauled by Air Parts of Lock Haven WO# 150939. Reinstalled fuel sender with new gasket S2670-1. Removed right tank fuel sender p/n 7740-00309 s/n 150938. Sender was overhauled by Air Parts of Lock Haven WO# 150938. Reinstalled fuel sender with new gasket S2670-1. Replaced vent hoses on both fuel tanks.
3. Repaired crack in cylinder 1 baffle by riveting doubler over crack.
4. Removed, cleaned, and reinstalled oil pressure lines at engine.
5. Tightened bolt on lower left rod end on air conditioner door.

J. Ethan Moyer J. Ethan Moyer AP3615537

1. Reset alternator belt tension to within limits.
2. Removed fuselage step for welding repair. Primed and painted as needed. Reinstalled.
3. Tested ELT IAW FAR 91.207(d). No defects noted.

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.

Daryl Beachy AP2839654

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 6647 Completed: 04/18/15
S/N: 28-43031 Tach Time: 6467.40 TTAF:

Installed Wilkerson retread 6.00x6 6 ply tire on right landing gear.

Daryl Beachy AP2839654

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 6698 Completed: 04/21/15
S/N: 28-43031 Tach Time: 6470.90 TTAF:

Installed new seat adjustment spring p/n MC587-404 on pilot seat.

Daryl Beachy AP2839654

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No: 6920 Completed: 04/30/15
S/N: 28-43031 Tach Time: 6489.30 TTAF:
Installed new Airhawk 6.00x6 and new Aero-Classic tube on nose landing gear.
Daryl Beachy AP2839654

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 7578 Completed: 05/29/15
S/N: 28-43031 Tach Time: 6532.80 TTAF: 6532.80
Performed an Annual inspection:
- Performed an Annual inspection of this aircraft in accordance with FAR 43 appendix D.

Airworthiness Directives (AD's): Checked through Biweekly 2015-10
- None applicable at this time

Completed the follow additional items:
- Replaced o-ring in left brake caliper MS28775-222. Bleed brakes and serviced brake reservoir.
- Reattached static wick on right flap.
- Removed minor surface corrosion under right gear leg fairing. Primed and painted exposed area.

J. Ethan Moyer AP3615537
- Replaced right fuel cap seal.
- Repaired brake reservoir vent pipe.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition.
Robert G. Zimmerman AP3129806IA

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 7578 Completed: 06/08/15
S/N: 28-43031 Tach Time: 6546.0 TTAF:
-Replaced left landing light p/n GE-4594.
J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 8100 Completed: 06/19/15
S/N: 28-43031 Tach Time: 6565.00 TTAF:
-Removed attitude indicator p/n 5000F-6 s/n 33713F. Installed overhauled unit p/n 5000F-6 s/n T67345L. Leveled instrument in panel use standby vacuum pump.
J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 8617 Completed: 07/13/15
S/N: 28-43031 Tach Time: 6592.10 TTAF:
-Removed attitude indicator p/n 5000F-6 s/n T67345L. Installed overhauled unit p/n 5000B-17 s/n 48452F. Leved instrument in panel using standby vacuum system. J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 8617 Completed: 07/21/15
S/N: 28-43031 Tach Time: 6592.10 TTAF:
Replaced open limit micro switch for Air Conditioning door with new p/n 767-423.
Michael G. Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 8617 Completed: 07/28/15
S/N: 28-43031 Tach Time: 6618.40 TTAF:
Replaced upper current sensor for the pitot heat system with new sensor p/n 686-087.
Op 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.: 8617 | Completed: 07/31/15
S/N: 28-43031 | Tach Time: 6622.00 | TTAF: 6622.00

- Installed new vacuum regulator filter p/n RAB3-5-1
- Rotated left main tire due to wear.
- Replaced air filter with new BA-3. Next replacement due in 200 hours.
- Serviced right main strut with nitrogen
- Replaced right main wheel brake linings with new RA 66-105.

Michael Reginella AP3696864

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. J. Ethan Moyer AP36155537

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 8617 | Completed: 08/14/15
S/N: 28-43031 | Tach Time: 6636.8

-Removed 8100 United Airspeed indicator s/n 160195 and shipped to Keystone Instrument Services for overhaul. Received overhauled instrument s/n 160195 and re installed to aircraft.
-Installed leather fabric on cowl deck. (see copy of flammability certificate) Michael Reginella AP3696864

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 9668 | Completed: 08/28/15
S/N: 28-43031 | Tach Time: 6660.50 | TTAF:

Installed new aero classic 600x6 tube, cleaned repacked bearings.

Peter Neal, AP3159876

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 10401 | Completed: 10/9/15
S/N: 28-43031 | Tach Time: 6715.40 | TTAF: 6715.40

Installed new vacuum regulator filter p/n RAB3-5-1.
Lubed airframe
Cleaned, inspected and repacked nose wheel bearings.
Replaced left main brake disc with new APS164-02000
Replaced left main brake linings with new RA066-10500
Replaced left main tire with new Air Hawk 6.00-6 6 ply tire. Installed new aero classic 6.00-6 tube.
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. J. Ethan Moyer AP3615537an airworthy

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 10401 | Completed: 11/02/15
S/N: 28-43031 | Tach Time: 6736.00 | TTAF:

- Replaced directional gyro p/n 4000H-4 s/n T42870 with overhauled unit same p/n and s/n T50934C.

J. Ethan Moyer AP3615537

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 10401 | Completed: 12/10/15
S/N: 28-43031 | Tach Time: 6759.70 | TTAF: 6759.7

-Removed forward bulkhead and installed new p/n 587-733.
-Removed starter solenoid and replaced with used serviceable p/n X61-0012. Op 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.: 12115 Completed: 01/06/16
S/N: 28-43031 Tach Time: 6777.30 TTAF:
- Bleed right brakes. Serviced reservoir. Ops check ok. J. Ethan Moyer J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 12317 Completed: 01/18/16
S/N: 28-43031 Tach Time: 6782.20 TTAF:
- Replaced right main strut quad seal with new seal p/n 484-769. Serviced strut with nitrogen and hydraulic fluid.
J. Ethan Moyer J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 12513 Completed: 01/29/16
S/N: 28-43031 Tach Time: 6791.40 TTAF:
-Removed inop alternator. Installed overhauled alternator p/n ALU-8532LS s/n J080020. Ops check OK.
J. Ethan Moyer J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 12768 Completed: 02/16/16
S/N: 28-43031 Tach Time: 6798.40 TTAF:
-Replaced hand brake pin p/n MS20392-2C19.
-Replaced nose wheel steering horn assembly with new p/n 63300-014.
Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: Archer III Reg. No.: N9269Q
Order No.: 13144 Completed: 03/04/16
S/N: 28-43031 Tach Time: 6810.40 TTAF: 6810.40
Completed the following items:
- Re-sealed left and right front windshield.
- Tightened the alternator belt IAW Piper Maintenance Manual 24-30-00.
- Replaced intake air filter with new Brackett element p/n BA-3.

Michael Reginella AP3696864.

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 insp. No defects noted. Battery replacement date 7/2016.

Complied with the following Instructions For Continued Airworthiness:
- Complied with Brackett air filter ICA Document I-194

Airworthiness Directives (AD's): Checked through Biweekly 2016-04:
- AD 2015-20-13 wing ribs, N/A by aircraft serial number.

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

ATS
Robert G. Zimmerman AP3129806IA

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 13144 Completed: 03/18/16
S/N: 28-43031 Tach Time: 6823.6 TTAF:
- Bleed air out of right brake line. J. Ethan Moyer J. Ethan Moyer AP3615537

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 14953 | Completed: 06/10/16
S/N: 28-43031 | Tach Time: 6902.30 | TTAF: 6902.30

Completed the Following Items:

- Replaced right fuel tank sump drain with new Curtis drain valve CCA-1550.
- Serviced the left and right MLG struts with nitrogen.

Michael Reginella AP3696864

- Cleaned debris from air conditioner condenser.
- Services air conditioning system with R134 refrigerant.
- Replaced A/C compressor drive idler pulley bearing with new p/n P203PP
- Replaced copilot's seat back recline bolt.

J. Ethan Moyer AP3615537

Performed a 100 hour Inspection:

- Performed an Annual Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D. Using Piper PA-28-181 Inspection report P/N 230 1039, dated July 30, 1994, as a guide.

Complied with the following Instructions for Continued Airworthiness:

- Complied with Brackett air filter ICA Document I-1S4, by inspecting filter element. Filter due for replacement in 100 hrs TIS.

Airworthiness Directives (AD's): Checked through Biweekly 2016-11:

- 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.

ATS

Robert G. Zimmerman AP3129806IA

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 15254 | Completed: 06/24/16
S/N: 28-43031 | Tach Time: 6918.20 | TTAF:

- Replaced ELT battery p/n 110-4. ELT battery expires 1/19.

J. Ethan Moyer AP3615537

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 16510 | Completed: 08/25/16
S/N: 28-43031 | Tach Time: 6993.00 | TTAF:

Performed a100 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:

- Completed Brackett air Filter ICA I-1S4 By replacing element p/n BA-3

Airworthiness Directives (AD's): Checked through Biweekly 2016-17

- None applicable at this time.

Completed the Following Additional Items:

- Adjusted co-pilots seat latch and cable.
- Replaced left bulb GE-327 in pitot heat annunciator light.
- Replaced extra annunciator light bulbs GE-327.
- Replaced left main tire with Wilkerson retread tire 6.00-6 and Airstop tube 6.00-6.
- Installed new vacuum regulator filter p/n RA83-5-1.
- Installed new intake filter p/n BA-3.

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

ATS Date: 8/25/2016 Signed: J. Ethan Moyer

J. Ethan Moyer AP3615537

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 16510 | Completed: 09/01/16
S/N: 28-43031 | Tach Time: 7007.8

- Replaced left aileron aft rod end with new 452-335.
- Replaced right landing light with new Norman Lamp 4594.

ATS

Michael Reginella AP3696864

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 18004 | Completed: 11/08/16
S/N: 28-43031 | Tach Time: 7071.70 | TTAF:

- Bleed right brake. Ops check ok. J. Ethan Moyer J. Ethan Moyer AP3615537

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 18210 | Completed: 11/21/16
S/N: 28-43031 | Tach Time: 7085.6 | TTAF:7085.6

Performed a 100hour/Annual Inspection:

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

Complied with the following Instructions for Continued Airworthiness:

- Completed Brackett air Filter ICA I-194.

Airworthiness Directives (AD's): Checked through Biweekly 2016-23

- None applicable at this time.

Completed the Following Additional Items:

- Cleaned debris out of right fuel tank.
- Greased nose and right main wheel bearings.
- Bleed right brake.
- C/W FAR 91.207 (d) ELT inspection. No defects noted.
- Replaced RH Aileron balance cable p/n MC62701-124. Checked rigging.
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Installed new intake filter p/n BA-3.

I certify that this aircraft has been inspected in accordance with a 100hr/annual inspection and has been determined to be in an airworthy condition. J. Ethan Moyer J. Ethan Moyer AP3615537IA

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 4592 19-December-2016 WO# 21617
N9269Q S/N 2843031 PIPER PA-28-181 **Pg 1 / 1**

**** ITEM # 21617-1 C/W WAAS UPGRADE ****
DISCREPANCY: C/W WAAS UPGRADE.
ACTION: Validated that the previous installation of a Garmin GNS430 as installed IAW with Garmin instructions and was approved for GPS IFR Enroute, Terminal, & Non-Precresion Approach operations. Verified this aircraft and all interfaced equipment are covered under the AML for STC# SA01933LA and Garmin 400w/500w Series Upgrade Manual p/n 190-00357-06 Rev B (or later) per TSO-C146a. The GNS430 was removed and sent to Garmin for upgrade. Installed loaner GNS430W. Removed GA56 Antenna and installed new GA35 Antenna. The existing location of this GNS430W was found to be within the prescribed "Acceptable View" therefore annunciators were not installed. Verified the GPS antenna coax meets the prescribed requirements. The existing wiring and shielding was inspected and determined to be IAW the STC data. Verified all existing interfaces to be in compliance the 400w/500w Series Upgrade Manual and operating as intended. Verified any new interfaces to be in compliance with the Garmin 400W Series Installation Manual p/n 190-00356-02 Rev B (or later) and operating as intended. Removed previously approved Flight Manual Supplement for the GNS430 and inserted new GNS430W Flight Manual Supplement FAA Approved date into Aircraft Flight Manual. Updated the aircraft Equipment List. All wiring/cabling used for installation purposes meets or exceeds the following specifications: (M17/29, and/or M17/60) - coax; (M22759, M27500, and/or M81044) - wire. All circuit breakers used for installation purposes were of the Klixon, potter/Brumfield, and/or Mechanical Products variety. All of the above installed equipment was functionally tested and was found to perform its intended function with no adverse effects on other aircraft systems. Weight and Balance change negligible. Electrical Load Analysis remains valid since new system draws same or less current and original units. Inserted Garmin supplied Instructions for Continued Airworthiness p/n 190-00356-65 in the aircraft records.

Todd Adams

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 19021 | Completed: 01/03/17
S/N: 28-43031 | Tach Time: 7114.00 | TTAF:

- Bleed right brake.
- Inspected cabin heat ducts. Adjusted cabin heat shroud on muffler.
- Removed loaner Garmin 430W. Installed 430W that was upgraded to WAAS by Garmin s/n 97116057.

J. Ethan Moyer J. Ethan Moyer AP3615537

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 19021 | Completed: 01/12/17
S/N: 28-43031 | Tach Time: 7123.1

- Replaced pilots right brake master cylinder o-rings MS28775-110 and right caliper o-ring MS28775-222. Bleed brakes.

J. Ethan Moyer J. Ethan Moyer AP3615537

N9269Q Archer Tach: 7126 Hobbs: 31752

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	20,000
# 2 ALTIMETER	N/A	—
# 3ALTIMETER	N/A	—
ENCODER (S)	Shadin	20,000

STATIC SYSTEM TEST DATE 1-16-17

SIGN [signature] DATE 1-16-17

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	KT76A
# 2TRANSP	N/A

SIGN [signature]

DATE 1-16-17

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

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

Order No.: 19849 Completed: 02/10/17

S/N: 28-43031 Tach Time: 7145.20 TTAF:

Installed new Airstop 600x6 tube in nose gear tire.

[signature] Michael Reginella AP3696864

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N

LOG ID# 4681 10-March-2017 WO# 21817

N9269Q S/N 2843031 PIPER PA-28-181 Pg 1 / 1

**** ITEM # 21817-1 INSTALL AVIONICS PER QUOTE ****

DISCREPANCY: INSTALL AVIONICS PER QUOTE.

ACTION: The following equipment was removed: King KT76A Transponder, KI227 ADF Indicator, KR87 ADF, and KN64 DME. The following equipment was installed: King KT74 Transponder. All work was accomplished IAW AC43.13-1B/-2B chapters 2 & 3, and KT74, GTR255, PMA8000BT, & FN6457 installation manuals utilizing manufacturer supplied hardware. Installed King KT74 Mode S transponder with Extended Squitter installation IAW Peregrine STC# SA00765DE for ADS-B compliance. Inserted Peregrine Flight Manual Supplement and ICA in POH. All wiring/cabling used for installation purposes meets or exceeds the following specifications: (M17/29, and/or M17/60) - coax; (M22759, M27500, and/or M81044) - wire. All circuit breakers used for installation purposes were of the Klixon, potter/Brumfield, and/or Mechanical Products variety. All of the above installed equipment was functionally tested and was found to perform its intended function with no adverse effects on other aircraft systems.TESTED KT74 FOR ADS-B COMPLIANCE. SYSTEM WAS FOUND TO COMPLY WITH AC20-165 and 14 CFR 91.225 & 91.227. Weight and Balance change recalculated. Equipment list revised.

[signature]

Todd Adams

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

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

Order No.: 20483 Completed: 03/16/17

S/N: 28-43031 Tach Time: 7183.30 TTAF: 7183.30

Performed Annual inspection:

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

Completed the following items:

- Repaired crack in top cowling with fiberglass repair.
- Repaired bottom cowling crack with fiberglass repair.
- Rotated left tire due to wear.
- Replaced left brake disc with new APS164-02000.
- Replaced left brake linings with new RA66-105.
- Repaired nose strut steering arm.

[signature] Michael Reginella AP3696864

- Installed new intake filter p/n BA-3.
- Tightened right flap aft bolt on rod actuator.
- Installed new vacuum regulator filter p/n RAB3-5-1.

Airworthiness Directives: Checked through biweekly 2017-05.

- AD 2017-04-06, United Instruments altimeter, NA by model/part number.

Complied with the following special inspections:

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

I certify that this aircraft has been inspected in accordance with a 100 hr/annual inspection and has been determined to be in an airworthy condition. J. Ethan Moyer J. Ethan Moyer AP3615537IA

3-15-17 PA-28-181 N9269Q HOBBS=3245.7
REPLACED COVER PLATE BELOW TRANSPONDER IN THE RIGHT RADIO STACK TO PROVIDE A BETTER FIT AND ANOTHER FASTENER FOR A MORE SECURE INSTALLATION. ALL WORK WAS ACCOMPLISED I.A.W. AC43.13-1B, CH. 4, SECT. 4, ——— END

LANCASTER AVIONICS INC
LANCASTER AIRPORT
LITITZ, PA 17543
DATE 3-15-17
CERTIFICATE NO LN7R281N
SIGNED Richard A. Stoltz

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 20706
S/N: 28-43031
Model: ArcherIII
Completed: 03/27/17
Tach Time: 7195.20
Reg. No.: N9269Q

- Replaced vac pump with new 215CC vac pump. Op check ok.

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 20916
S/N: 28-43031
Model: ArcherIII
Completed: 04/05/17
Tach Time: 7209.10
Reg. No.: N9269Q

- Replaced right strobe light with new A610. Installed used serviceable WHELEN HDACF strobe power pack p/n 01-0770028-05 s/n 27694. Op check ok.

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 20916
S/N: 28-43031
Model: ArcherIII
Completed: 04/07/17
Tach Time: 7210.80
Reg. No.: N9269Q

- Replaced Rt Nav bulb with new W1290-28. Op check ok.

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 21564
S/N: 28-43031
Model: ArcherIII
Tach Time: 7255.0
Reg. No.: N9269Q
Completed: 05/09/17

- Replaced main battery with new Concord RG24-15M battery. J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 21564
S/N: 28-43031
Model: ArcherIII
Completed: 05/23/17
Tach Time: 7250.10
Reg. No.: N9269Q

- Replaced the A/C door open limit switch with new 767-423. Serviced Ac system, Op check ok.

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 21564
S/N: 28-43031
Model: ArcherIII
Completed: 06/01/17
Tach Time: 7273.70
Reg. No.: N9269Q
TTAF: 7273.70

- Replaced missing instrument light hood with new.
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Cleaned control yoke shaft.
- Tightened A/C compressor bracket bolt.
- Replaced lower bushing of the carb heat air box.
- Repaired broken terminal end to ground wire at standby vac pump.
- Replaced right aileron aft rod end with new 452-335.
- Replaced the pilots vent window seal with new sealing foam.
- Replaced nose steering horn with new 63300-014.
- Serviced the AC system.

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

Aero-Tech Services, Inc *Lititz, PA* *Michael Reginella AP3696864*

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 22353
S/N: 28-43031
Model: ArcherIII
Completed: 06/12/17
Tach Time: 7285.50
Reg. No.: N9269Q

- Replaced intake scat hose with new 457-699.
- Replaced stabilator trim lower arm bushing with new 65258-005.

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 22626
S/N: 28-43031
Model: ArcherIII
Completed: 06/22/17
Tach Time: 7302.10
Reg. No.: N9269Q

- Replaced NLG tube with new 600X6 Michelin Airstop tube.

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 22907
S/N: 28-43031
Model: ArcherIII
Completed: 07/05/17
Tach Time: 7322.30
Reg. No.: N9269Q

- Replaced Lt MLG tire with Wilkerson Retread 6.00x6 and new 600X6 Michelin Airstop tube. Cleaned, inspected and repacked wheel bearings. Serviced tire to 24PSI.

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 23271
S/N: 28-43031
Model: ArcherIII
Tach Time: 7339.20
Reg. No.: N9269Q
Completed: 07/21/17

- Replaced right tire tube with new Michelin 6.00-6.

J. Ethan Moyer AP3615537

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 23539
S/N: 28-43031
Model: ArcherIII
Tach Time: 7352.20
Reg. No.: N9269Q
Completed: 08/02/17

- Replaced copilot PTT switch p/n P7-126121.

Brent Fox AP3524313

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 23936
S/N: 28-43031
Model: ArcherIII
Completed: 08/23/17
Tach Time: 7368.80
Reg. No.: N9269Q
TTAF: 7368.80

- Installed new vacuum regulator filter p/n RAB3-5-1.
- Cleaned control yoke shaft.
- Replaced main vac filter with new RA-D9-18-1.
- Adjusted rudder cable tension IAW Piper AMM 27-23-00.
- Complied with AD 2017-16-11 Lycoming engines, by records review, this engine s/n not listed on MSB 632B table 1 and parts listed in table 2 are not shipped from the factory during the affected dates. No further action required.

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

Aero-Tech Services, Inc *Lititz, PA* *Michael Reginella AP3696864*

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 25734
S/N: 28-43031
Model: ArcherIII
Tach Time: 7447.70
Reg. No.: N9269Q
Completed: 11/15/17
TTAF:

Replaced old heading indicator with new p/n: 1U262-033-5 s/n: T42870.

AP3710142 Jacob Fellmeth AP3710142

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 25984 | Completed: 11/27/17
S/N: 28-43031 | Tach Time: 7465.30 | TTAF: 7465.30

Completed 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 Bracket Air filters ICA I-194.

Airworthiness Directives (AD's): Checked through Biweekly 2017-24

- None applicable at this time.

Completed the Following Additional Items

- Replaced left flap static wick with new p/n SW10-96.
- Replaced stabilator right static wick with new p/n SW10-96.
- Replaced Kool scoop with new p/n 05-04076.
- Replaced clock post lamp with new p/n GE 327 light bulb.
- Replaced vacuum regulator filter p/n: RAB3-5-1 with new.
- Serviced left strut with nitrogen.
- Replaced right main tire with new 6.00-6 Wilkerson retread. Cleaned, inspected and repacked wheel bearings. Serviced tire to 24psi, no defects noted.
- Replaced air filter with new BA-3

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.

ATS Date: November 27, 2017 Signed: _____ Cert. No. AP3696864

Michael Reginella

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 25984 | Completed: 12/04/17
S/N: 28-43031 | Tach Time: 7473.10

ATS

- Replaced nose tire with new Air Hawk Tire 600-6 4ply and new Michelin airstop 600-6 tube. Cleaned, inspected and repacked wheel bearings. Serviced tire to 18PSI, no defects noted. _____ AP3696864

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 25984 | Completed: 11/28/17
S/N: 28-43031 | Tach Time: 7465.30 | TTAF: 7465.30

- Complied with FAR 91.207(D) ELT inspection, no defects noted. ELT battery due for replacement by 1/2019.

ATS Date: November 28, 2017 Signed: _____ Cert. No. AP3129806

Robert G. Zimmerman

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 27115 | Completed: 01/22/18
S/N: 28-43031 | Tach Time: 7533.90

ATS

- Replaced pilot and co-pilot restraint system assembly with new AmSafe restraint system assembly p/n 3133-3-051-8013.

_____ Michael Reginella AP3696864

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 27496 | Completed: 02/07/18
S/N: 28-43031 | Tach Time: 7553.60 | TTAF:

- Installed new A50828 bulb in left nav light. Ops check good.

_____ Daryl Beachy AP2839654

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

Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 26917 | Completed: 01/11/18
S/N: 28-43031 | Tach Time: 7515.50

ATS

- Inserted revision 29 PR171208 dated December 8, 2017 into pilots operating hand book.

_____ Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 27541
S/N: 28-43031

Model: ArcherIII

Tach Time: 7555.50

Reg. No.: N9269Q
Completed: 02/12/18

- Serviced nose strut with nitrogen. Replaced steering horn bolt with new p/n 691-311.
- Replaced quick drain of fuel strainer with new p/n CA-1550.

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 27541
S/N: 28-43031

Model: ArcherIII
Completed: 02/15/18
Tach Time: 7559.90

Reg. No.: N9269Q

TTAF: 7559.90

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 Ait Filter ICA 1-194

Airworthiness Directives (AD's): Checked through Biweekly 2018-03

- Complied with AD 2018-02-05 fuel placard by inspection, no further action required.

Completed the following additional items:

- Complied with FAR 91.207(d) ELT inspection, no defects noted. Battery expiration date: 1/19.
- Tightened starter forward face plate bolts.
- Removed left and right magneto. Cleaned and inspected internal components. Replaced rotor cam in left magneto with new p/n M3611. Replaced distributor gear in right magneto with new p/n K3008. Set internal timing and reinstalled. Set magneto to engine timing, no defects noted.
- Tightened air box bolts, no defects noted.
- Replaced upper defrost scat hose with new.
- Re-secured lower bracket of brake reservoir.
- Adjusted rudder control cable tension IAW AMM, no defects noted.
- Installed new vacuum regulator filter p/n RAB3-5-1.

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: 02/15/2018 Signed: Cert. No. AP3696864IA

Michael G Reginella

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 28747
S/N: 28-43031

Model: ArcherIII
Completed: 04/09/18
Tach Time: 7619.00

Reg. No.: N9269Q

- Replaced rudder assembly with used serviceable rudder assembly p/n 65342-002, no defects noted.
- Serviced nose strut with nitrogen.

MICHAEL REGINELLA: AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 28747
S/N: 28-43031

Model: ArcherIII
Completed: 04/13/18
Tach Time: 7626.30

Reg. No.: N9269Q

- Removed used serviceable rudder assembly p/n 65342-002. Installed repaired Rudder asembly p/n 65342-002. Rudder painted to match and balanced by Lancaster Aero, no defects noted

Michael Reginella AP3696864

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 29295
S/N: 28-43031

Model: Archer III

Tach Time: 7655.10

Reg. No.: N9269Q
Completed: 05/02/18
TTAF: 7655.10

Completed the Following Items:

- Repaired crack in cabin door at lower hinge using a 2024T3 .040 aluminum doubler and existing rivet pattern.

Daryl Beachy AP2839654

Performed a 100-hour Inspection:

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

Airworthiness Directives (AD's): Checked through Biweekly 2018-09

- Complied with AD 2018-07-03 Fuel selector valve, by inspection. No defects noted. No further action is required.

Completed the following additional items:

- Replaced missing post lamp hoods with new p/n A354-1W-B.
- Replaced Stab trim link bushing with new p/n 65285-005.
- Replaced right brake linings with new p/n RA66-105.
- Replaced vac reg filter with new p/n RAB3-5-1.

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.

Aero-Tech Services, Inc *Lititz, PA* *Michael Reginella AP3696864*

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 29295 | Completed: 05/17/18
S/N: 28-43031 | Tach Time: 7668.8 | TTAF: 7668.8

- Installed new aft muffler p/n A85477-05. Installed overhauled tailpipe p/n 85477-011. Installed new hardware as needed in ball joint.
- Replaced left main tire with new 600-6 Wilkerson retread and new Michelin airstop tube. Cleaned, inspected and packed wheel bearings. Serviced tire to 24 psi.

Daryl Beachy AP2839654

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 29295 | Completed: 05/18/18
S/N: 28-43031 | Tach Time: 7668.10

- Replaced Rt fuel sending unit with Rochester fuel sending unit p/n 7740-309 s/n 18-349, 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.: 29809 | Completed: 05/24/18
S/N: 28-43031 | Tach Time: 7678.10 | TTAF:

Installed Wilkerson 600x6-6 ply retread tire and Michelin Airstop 600x6 tube on right main gear.

Daryl Beachy AP2839654

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 29842 | Completed: 05/25/18
S/N: 28-43031 | Tach Time: 7680.00 | TTAF:

Installed new brake caliber backing plate bolts on left caliber. Serviced brake fluid and bled brakes.

Daryl Beachy AP2839654

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER | Model: ArcherIII | Reg. No.: N9269Q
Order No.: 30293 | Completed: 06/12/18
S/N: 28-43031 | Tach Time: 7702.3 | TTAF:

- Replaced four nose gear bushings with new p/n: 452-766 and two with new p/n: CA67026-007, and replaced two bolts p/n: AN5-31A, and one bolt p/n: AN5-20A.
- Replaced throttle console plastic with new p/n: S-28QCFP.

Jacob Fellmeth AP3710142

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

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

Order No.: 30918 | Completed: 07/04/18

S/N: 28-43031 | Tach Time: 7746.60 | TTAF: 7746.60

Completed the following additional items:

- Installed new vacuum regulator filter p/n RAB3-5-1.
- Replaced left brake linings with new p/n RA66-105.
- Replaced air filter with new BA-3.
- Replaced nose strut bumper with new p/n 452-947. Repaired crack in retainer housing.
- Replaced FWD muffler with new p/n A85477-02.
- Replaced cylinder #4 with Penn Yan repaired cylinder p/n 0-360-A4M- CYL due to crack at base of cylinder fin. (Invoice #40894)

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 2018-13

- Complied with AD 2013-02-13 by inspection, no defects noted. Next due at tach:9746.6 or July 2025

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.

ATS

Date: 07/4/2018 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.: 31920 | Completed: 08/31/18

S/N: 28-43031 | Tach Time: 7836.40 | TTAF: 7836.40

- Installed new -11 scat duct on cabin heat inlet to exhaust shroud.
- Installed new brake disc p/n 164-02000 on right wheel.
- Replaced vacuum regulator filter with new p/n: RAB3-5-1.

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.

_____ Robert G. Zimmerman AP3129806

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

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

Order No.: 32700 | Completed: 09/24/18

S/N: 28-43031 | Tach Time: 7885.70 | TTAF:

- Replaced cracked nose gear bumper mount with new Piper part. _____ Thomas McIntireA&P3350406

ATS

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 33396 Model: ArcherIII Reg. No.: N9269Q
S/N: 28-43031 Completed: 11/21/18
Tach Time: 7897.10 TTAF:

- Removed engine S/N RL-31900-36A due to prop strike during taxi. Installed Lycoming overhauled O-360-A4M engine S/N L-42320-36E IAW Archer III M.M. chapter 71. Engine includes new Magnetos, Ignition Harnesses, Spark Plugs, and Fuel Pump. Also replaced oil cooler with new Aero-Classic p/n 8000075 s/n 10429289. and engine Lord mounts & bolts with new. Run up leak check, operational check and 1 hour flight test- satisfactory.
- Replaced engine mount to firewall bolts with new hardware. Torqued to spec per PA28-181 MM section 32-20-00 page 6 para G.
- Removed components on battery shelf and removed corrosion. Treated with etch and alodine and applied protective coatings. Reinstalled components.
- Replaced defective condenser retract motor relay with used serviceable part.
- Replaced defective blower motor with re manufactured unit. P/N 1482-22-1 S/N 21689IZ-14. Ops check-OK.
- Resealed parking brake, pilot R, and copilot R&L brake master cylinders. Bled brakes- ops check ok.
- Removed and disassembled nose gear shock strut. Replaced o-rings, reassembled and reinstalled. Serviced with nitrogen. Work done IAW PA28-181 MM section 32-20-00. Removed Garmin GNS430 navigator for repair. Repairs performed by Garmin international W.O. RMA105902819. Reinstalled same S/N

Thomas McIntire A&P3350406

- Removed unused DME antenna on belly. Treated corrosion and applied paint, no defects noted.
- Resealed several areas on firewall to prevent water from getting inside cabin.
- Resealed pilots side window.

Michael Reginella AP3696864

ATS

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 34796 Model: ArcherIII Reg. No.: N9269Q
S/N: 28-43031 Completed: 12/03/18
Tach Time: 7902.60 TTAF:

- Replaced right gear strut fill plug with new.

Jacob Fellmeth A&P 3710142

ATS

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 34796 Model: ArcherIII Reg. No.: N9269Q
S/N: 28-43031 Completed: 12/21/18
Tach Time: 7930.4 TTAF: 7930.4

- Adjusted Alternator belt tension with reference to archer III Manual P/N 511.24.12.048.
- Corrected exhaust installation error by loosening the clamps and re-aligning the exhaust shroud to fit tight and tightened clamps.
- Performed a 100-hour Inspection of this aircraft in accordance with CFR Title 14, Part 43 appendix D.
- Airworthiness Directives (AD's): Checked through Biweekly 2018-[illegible], none due at this time.
- Replaced main vacuum filter with new p/n: RAD9-18-1. Next due at 8430 tach hours.
- Replaced vacuum regulator filter with new RAB3-5-1.

Lance Kanagy AP3853624

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.

Jacob Fellmeth A&P 3710142

ATS

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER
Order No.: 34796 Model: ArcherIII Reg. No.: N9269Q
S/N: 28-43031 Completed: 12/31/18
Tach Time: 7936.90

ATS

- Replaced ELT battery with new p/n 110-4. Complied with FAR 91.207(d) ELT inspection, no defects noted. Battery expiration date 8/2021.

Michael Reginella AP3696864

N9269Q Rec'd 2-20-181 hours: 415.8 Tach: 7943.0

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	20K
# 2 ALTIMETER	N/A	—
ENCODER (S)	Nexo	20K

STATIC SYSTEM TEST DATE 1-9-19

SIGN _____ DATE 1-9-19

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	N/A

SIGN _____

DATE 1-9-19

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 5696 08-January-2019 WO# 23803/2 HOBBS 415.8
N9269Q S/N 2843031 PIPER PA-28-181 TACH 7943.0

Pg 1 / 1

**** ITEM # 23803-2 REPAIR STATIC SYSTEM LEAK ****
DISCREPANCY: STATIC SYSTEM HAS A 400 FT/MIN LEAK WHICH EXCEEDS ALLOWABLE TOLERANCE.
ACTION. TIGHTENED NUMEROUS LOOSE STATIC FITTINGS. FINAL LEAK CHECK ANALYSIS PASSES WITHIN ALLOWABLE TOLERANCE WITH A 22 FT/MIN LEAK @ 1,000 FT AGL PRESSURE ALTITUDE.

KYLE REED

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make PIPER Model ArcherIII
Order No 35899
S/N 28-43031 Tach Time 7966.6 Reg No.: N9269Q
Completed: 02/20/19
TTAF:

- Removed copilot seat assembly for repairs. Weight and balance revised- equipment list updated.

Thomas McIntire A&P3350406

ATS

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make PIPER Model ArcherIII
Order No.: 35899
S/N: 28-43031 Tach Time: 7969.4 Reg No.: N9269Q
Completed: 03/8/19
TTAF:

- Installed serviceable seat back assembly. Reused upholstery from old seat back. Temporary single-seat weight & balance and equipment list revision removed from POH and logs.

Thomas McIntire A&P3350406

ATS

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII
Order No.: 35899 Completed 03/12/19 Reg. No.: N9269Q
S/N: 28-43031 Tach Time: 7972.30

- Replaced right tire with new Air Hawk 6.00-6 6 ply rating tire and new Michelin 6.00-6 tube. Cleaned, inspected and packed wheel bearings. Serviced tire to 24psi, no defects noted.
- Replaced right brake linings with new p/n APS66-10500

Michael Reginella AP3696864

ATS

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII
Order No.: 37786 Reg. No.: N9269Q
S/N: 28-43031 Completed: 05/03/19
Tach Time: 8060.50 TTAF: 8060.50

- Replaced left hand fuel cap gasket with new p:/n 66815-000.

Jacob Fellmeth A&P 3710142

ATS

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 37694 Completed: 04/11/19
S/N: 28-43031 Tach Time: 8023.80 TTAF: 8023.80

- Installed new gascolator from Steves Aircraft IAW STC SA1026SE. Relocated/repaired acces hole to quick drain in lower cowl. Performed leak check and ops check. No defects noted. No change to weight and balance. ICA documents placed in aircraft records.

Daryl Beachy AP2839654

- Replaced intake air filter with new p/n: BA-3.
- Replaced ~~intake air~~ Vac. reg filter with new p/n: RAB3-5-1.

Jacob Fellmeth AP3710142

- Replaced broken static discharger on LH aileron with new SW10-96 discharger.
- Installed rivnuts for securing wing bolt cover on left wing.
- Installed rivnuts for securing wing bolt cover on right wing.
- Replaced LH tire with retread and tube with new Michelin Airstop tube. Cleaned, inspected and repacked LH wheel bearings.
- Stop drilled crack in LH landing light lens.
- Trimmed out damage from NG bumper housing.

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

Thomas McIntire A&P3350406

Aero-Tech Services, Inc. ¤ 500-P Airport Road ¤ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 38344 Completed: 06/04/19
S/N: 28-43031 Tach Time: 8122.70 TTAF: 8122.70
Completed the following items:

- Replaced stabilator trim tab placard.
- Removed Artex ELT 110-4 ELT p/n 452-0150, s/n 63592 from this aircraft due to G switch test fail. Sent ELT to Merl, Inc for repair. IAW FAR 91.207(f)(10)(i) Installed placard in view of the pilot stating "ELT not installed". (ii) No person may operate the aircraft more than 90 days after the ELT is initially removed from the aircraft.
- Replaced vacuum regulator filter with new RAB3-5-1..
- Set A/C belt to correct tension.
- Replaced left wing fuel cap gasket with new p/n: 05-18500.
- Services left main strut with nitrogen.

Jacob Fellmeth AP3710142

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 Aircraft Gascolator ICA Doc. No 3200-3-1 rev. 1 dated 5-25-2003.

Airworthiness Directives (AD's): Checked through Biweekly 20219-11.

- 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 an airworthy condition.

ATS Date: June 04, 2019 Signed: Cert. No. AP3129806IA
Robert G. Zimmerman

ATS Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: Archer III Reg. No.: N9269Q
Order No.: 38344 Completed: 06/14/19
S/N: 28-43031 Tach Time: 8122.70 TTAF: 8122.70

- ❖ Installed repaired ELT (p/n: 453-0150, s/n: 63592) from MERL Inc. Battery next due: August 2021.

Charles P. Hackman AP3252738

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 39396 Completed: 07/16/19
S/N: 28-43031 Tach Time: ~~8168.20~~ 8177.4 TTAF:

Installed new wingtips from Knots2U IAW STC SA2356NM, see 337 form dated 7/16/2019. No change to weight and balance.

Daryl Beachy AP2839654

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 39396 Completed: 07/17/19
S/N: 28-43031 Tach Time: 8177.40 TTAF:

Installed new aft nav light bulb in left wingtip light fixture. Ops check good.

Daryl Beachy AP2839654

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 39396 Completed: 07/23/19
S/N: 28-43031 Tach Time: 8181.70 TTAF:

- Replaced air conditioner belt with new p/n: 73965-010. Adjusted position of idler pulley in line with fly wheel pulley.
- Replaced right hand wingtip landing light with new P36P2L bulb.

Jacob Fellmeth AP3710142

- Installed new Whelen LED landing light M/N: P36P2L on left wing tip.

Charles P. Hackman AP3252738

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 39396 Completed: 07/18/19
S/N: 28-43031 Tach Time: 8204.8 TTAF: 8204.8

- Serviced left main strut with nitrogen.

Jacob Fellmeth AP3710142

Aero-Tech Services, Inc. ▫ 500-P Airport Road ▫ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 40447 Completed: 09/05/19
S/N: 28-43031 Tach Time: 8219.00 TTAF: 8219.00

- Replaced vacuum regulator filter with new p/n: RAB3-5-1.
- Replaced upper NLG bushings with new p/n: CA67026-007.
- Replaced oil pressure transducer with new p/n: 548-729, ops check ok.
- Replaced intake filter with new p/n: BA-3.
- Replaced carburetor heat air box cable hardware with new stud p/n: 70371-003 and fitting with new p/n: 70371-002. Operational check good.
- Disassembled, cleaned and rebuilt main struts using new quad seals p/n: 484-769. Serviced struts with hydraulic fluid and nitrogen, no defects noted.
- Replaced left and right brake linings with new p/n: RA66-105.
- Replaced all right wing attach bolts with new IAW Piper AMM.

Jacob Fellmeth AP3710142

- Adjusted rudder cable tension IAW with AMM.
- Replaced right aileron inboard static wick with new p/n SW10-96.
- Disassembled, inspected and cleaned nose wheel bearings, no defects noted.
- Replaced alternator scat hose with new -7 scat.
- Replaced right flap forward and aft rod ends with new 452-335, -336, no defects noted.
- Repaired frame assembly p/n 62695-004 IAW with AC 43.13-1B page 4-43 using a doubler. Replaced lower cockpit aft right fitting with new p/n 62448-001. No defects noted.

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

Aero-Tech Services, Inc *Lititz, PA* *Michael Reginella AP3696864*

Aero-Tech Services, Inc. ï¿½ 500-P Airport Road ï¿½ Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q

Order No.: 40925 Completed: 09/26/19

S/N: 28-43031 Tach Time: 8259.9 TTAF:

- Disassembled, cleaned, and reassembled left main gear strut with new Aeroshell4 fluid and seal p/n: CA484-769. Serviced both main struts with nitrogen, operational check good.
- Removed Nav 2 radio and fixed bent portion of radio rack. Reracked Nav 2.

Jacob Fellmeth AP3710142

ATS

ATS Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: Archer III Reg. No.: N9269Q

Order No.: 41553 Completed: 10/02/19

S/N: 28-43031 Tach Time: 8264.10

- Installed new left tail nav light.

Charles P. Hackman AP3252738

Aero-Tech Services, Inc., 500-P Airport Road, Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q

Order No.: 41553 Completed: 10/10/19

S/N: 28-43031 Tach Time: 8277.70 TTAF:

- Replaced stabilator trim drum with new p/n: CA63530-100 and stabilator trim screw with new p/n: CA65246-100. Cable tension and operational check good.

Jacob Fellmeth AP3710142

ATS

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q

Order No.: 42938 Completed: 10/30/19

S/N: 28-43031 TTAF: 8306.6

- Replaced left tail navigation bulb with new p/n: 34-0428070-64.

Jacob Fellmeth AP3710142

ATS

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q

Order No.: 42938 Completed: 11/01/19

S/N: 28-43031 Tach Time: 8307.90 TTAF: 8307.90

- Installed new vacuum regulator filter P/N: B3-5-1.
- Adjusted door latch striker plate inwards and checked operation of door closer. Latch pulls door in properly, no other defects noted.
- Removed left lower main strut, cleaned and inspected. No defects noted. Re-sealed left main gear strut with new quad seal P/N: CA484-769 and new Scraper P/N: MS28776M2-18. Serviced strut with 5606 and nitrogen.
- Removed locks, applied PRC to lock and replaced fuel cap gaskets P/N: 66815-00.

Charles P. Hackman AP3252738

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

Aero-Tech Services, Inc Lititz, PA

Michael Reginella AP3696864

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

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

Order No.: 44468 | Completed: 1/24/2020

S/N: 28-43031 | Tach Time: 8406.1 | TTAF: 8406.1

- Installed new vacuum regulator filter P/N: B3-5-1.
- Installed instrument air filter P/N RA-D9-18-1.
- Adjusted rudder cable tensions.
- Cleaned corrosion and primed area under Lt flap static wick.
- Removed Rt MLG wheel/tire and disassembled. Cleaned wheel/bearings and repacked bearings. Cleaned and lubed brake slide pins. Rotated tire, reassembled and installed wheel assembly.
- Removed rudder. Installed new bearings P/N; CA452-387. Reinstalled rudder.
- Cleaned and lubricated pilot/copilot yoke.
- Installed new induction air filter BA-3.
- Lubricated airframe.
- Cleaned and inspected fuel bowl and carburetor.
- Removed Lt wheel, Replaced tire with Wilkerson retread, S/N: 7335S00044 6.00x6 and new Michelin Airstop 6.00x6 tube. Installed wheel.
- Replaced Lt brake disc with new RA164-02000 disc.
- Removed engine from aircraft. Removed damaged engine mount. Sent to Aerospace Welding for repair. Installed repaired engine mount. Installed engine.
- Installed new 2 new bearings in nose strut assembly P/N:452-419 and 452-332.
- Rebuilt the NLG strut with new O-rings and serviced with hydraulic fluid and nitrogen.
- Installed new strut bumper housing P/N: 79071-000
- Installed new static wick P/N: SW1-96.
- Removed corrosion and treated and primed area on aft side of vertical spar.
- C/W engine run-up and leak check. All checks good.
- All AD's checked to 2020- 03

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

Aero-Tech Services, Inc Lititz, PA *Ryan L. Eberhart AP3679868*

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

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

Order No.: 44965 | Completed: 02/18/20

S/N: 28-43031 | Tach Time: 8437.70 | TTAF:

- Gained access to LH MLG strut. Removed lower oleo strut. Removed upper strut housing and installed serviceable strut housing P/N: 65490-000. Installed with new hardware. Replaced o-rings in strut with rebuild kit P/N: TPMS-1. Installed lower oleo strut. Serviced strut with hydraulic fluid and nitrogen.
- Serviced RH MLG strut with nitrogen
- Aircraft is approved for return to service for work performed.
- Ryan L. Eberhart 3679868

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

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

Order No.: 44965 | Completed: 02/28/20

S/N: 28-43031 | Tach Time: 8450.20 | TTAF:

- Replaced RH aileron hinge with new PMA Products, Inc hinge P/N: 62371-108 IAW STC SA3097SO. Completed Form 337.
- Aircraft is approved for return to service for work performed.
- Ryan L. Eberhart AP 3679868

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

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

Order No.: 46191 | Completed: 06/17/20

S/N: 28-43031 | Tach Time: 8497.20 | TTAF:8497.20

Completed the following items:

- Replace vacuum reg. filter. P/N: RA-B3-5-1.
- Cleaned and repacked bearings with new grease.
- Replaced worn tire and tube with new 6.00 x 6 retread tire and 6.00 x 6 Airstop tube.; -RETREE
- Removed RH and LH brake caliper, cleaned, replaced o-ring with new MS28775-222 o-ring and reassembled. Bled brakes.
- Adjusted pilot and copilot seat-back stops as needed.
- Installed and safetied roll pins as needed on pilot and co-pilot seats.
- Lubricated airframe.
- Clean and Inspected fuel bowl.
- Re-connected ground wire on ELT cap connector.

Jonathan Pendergast AP3948528

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 Aircraft Gascolator ICA Doc. No 3200-3-1 rev. 1 dated 5-25-2003.

Airworthiness Directives (AD's): Checked through Biweekly 2020- 12

- None applicable at this time.

Completed the following items:

- C/W ELT 91.207d. No discpreancies found. **ELT battery due: 08/2021.**
- Installed new BA-3 Induction Filter.
- Tightened and safetied NLG strut cylinder nut on top.
- Tightened fuel line on outlet side of electric fuel pump. Leak check good.
- Installed shim in LWR RH MLG torque link P/N: 494-308.
- Drilled out and replaced 5 rivets on LWR RH cowling mounting flange.
- Tightened master cylinder support brace bracket on rudder pedal bar assembly
- C/W engine run-up and leak check. All checks good.

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

Date: June 17, 2020 Signed: Ryan L. Eberhart Cert. No. AP3679868IA

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

Make: PIPER | Model: Archer III | Reg. No.: N9269Q

Order No.: 46191 | Completed: 06/18/20

S/N: 28-43031 | Tach Time: 8497.20

- Installed new left aileron inboard static wick P/N: SW10-96-35-5010.

Charles P. Hackman AP3252738

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

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

Order No.: 47052 | Completed: 06/25/20

S/N: 28-43031 | Tach Time: 8503.40 | TTAF:

- Replaced LH fuel tank sump drain with new CCA-1550.
- 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.: 47052 | Completed: 07/10/20

S/N: 28-43031 | Tach Time: 8526.80

Removed NLG strut, cleaned and replaced necessary orings and seals. Reinstalled, filled with fresh 5606 hydraulic fluid, and serviced with nitrogen to manufacturers specifications.

Jonathan C. Pendergast AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: Archer III Reg. No.: N9269Q
Order No.: 47052 Completed: 07/21/20
S/N: 28-43031 Tach Time: 8549.90 TTAF:

- Extended fuel gascolator drain valve out with pipe fittings P/N: AN910-1D and AN911-1D.

Charles P. Hackman AP3252738

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 47872 Completed: 08/13/20
S/N: 28-43031 Tach Time: 8588.80 TTAF:8588.8

- Installed new vacuum regulator filter P/N: B3-5-1.
- Cleaned and lubricated pilot/copilot yoke.
- Installed new induction air filter BA-3.
- Lubricated airframe.
- Serviced LH MLG strut with nitrogen.
- All AD's checked to 2020-16

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.

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

Aero-Tech Services, Inc *Jonathan C Pendergast AP3948528*

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 50790 Completed: 09/25/20
S/N: 28-43031 Tach Time: 8677.50 TTAF: 8677.50

Completed the following items:

- Tightened air box bolts and saftied.
- Disassembled, cleaned, and inspected nose wheel strut. Replaced internal O-rings with Trimcraft reseal kit p/n TPNS-1. Serviced strut with fluid and nitrogen, no defects noted
- Cleaned, disassembled, and packed nose wheel bearings.
- Serviced left strut with nitrogen
- Replaced left and right brake linings with new p/n RA66-10500

Michael Reginella AP3696864

Airworthiness Directives (AD's): Checked through Biweekly 2020-19

- None due at this time.

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

Date: 09/25/2025 Signed: Cert. No. AP3129806
Robert G Zimmerman

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 51574 Completed: 10/23/20
S/N: 28-43031 Tach Time: 8726.5 TTAF:

- Removed wheel, installed 6.00x6 Wilkerson Retread with new 6.00x6 tube. Balanced tire and installed.
- Replaced 2 bulbs, P/N: 327 in AC Door Open annunciator light. 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.: 54261 Completed: 11/09/20
S/N: 28-43031 Tach Time: 8754.50 TTAF:

- Replaced RH tire with 6.00 x 6 Wilkerson retread and new Airstop 6.00 x 6 tube.
- Aircraft is approved for service for work performed.

Jonathan C. Pendergast AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 54261 Completed: 11/20/20
S/N: 28-43031 Tach Time: 8766.20 TTAF:8766.20

Completed the following items;

- Replaced vacuum line with new from vacuum pump to T junction.
- Replaced worn cabin heat duct with new -12 SCAT ducting
- _____ Jonathan Pendergast AP3948528

Airworthiness Directives (AD's) Checked through Biweekly:2020-23

- None applicable at this time.

Completed the following items:

- Replaced worn out circuit breaker placards with new.
- Removed AA80-001, S/N: 13605 Intercom unit. Installed serviceable AA80-020, S/N:12597.
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Installed new alternator support bracket P/N: 101103-002.
- Secured strobe light lense into housing on LH wing tip.
- Rebuilt LH MLG strut with piper seal kit P/N: TPMS-1
- Replaced LH MLG tire new 6.00x6 Wilkerson Retread with 6.00x6 tube. Clean and lubricated wheel bearings.
- Tightened hardware on lower cabin door hinge.
- Lubricated defroster control cable and adjusted cable.
- Tightened Carb. heat control arm hardware and safetied.

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.

ATS Date: 11/20/2020 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.: 56110 Completed: 01/14/21
S/N: 28-43031 Tach Time: 8832.50 TTAF:

ATS
- Replaced FWD muffler P/N: WCC85477-05 and AFT muffler P/N WCC85477-02
- Aircraft is Approved for return to service for work perf

_____

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD L
LOG ID# 6579 21-January-2021 WO# 25586 HOBBS
N9269Q S/N 2843031 PIPER PA-28-181

**** ITEM # 25586-2 ADJUST ALTIMETER BARO SCALE ***
DISCREPANCY: ALTIMETER HAS ALTITUDE ERRORS THAT ARE TOLERANCE.
Model: 5934PA-3 Part#: 5934PA-3A.134 Serial#: 4K67
ACTION: ADJUSTED BAROMETRIC CORRECTION SCALE TO CORR WITHIN ALLOWABLE TOLERANCE.

**** ITEM # 25586-3 REPAIR STATIC SYSTEM LEAK ****
DISCREPANCY: STATIC SYSTEM HAS AN ERRATIC LEAK WHICH
ACTION: ISOLATED LEAK TO ALTIMETER BARO SCALE KNOB/S O-RING TO CORRECT LEAK. FINAL LEAK CHECK ANALYSIS PA LEAK @ 1,000 FT AGL PRESSURE ALTITUDE.

James Hauser

JAMES HAUSER

N9269Q Hobbs: 5250

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	14,000 ft
# 2 ALTIMETER	N/A	
ENCODER (S)	AE-350	14,000 ft
STATIC SYSTEM TEST DATE	01-21-21	
SIGN	James Hauser	DATE 01-21-21

LANCAS
CRS
CERTIFY TH
TEST REQUI
PERFORMEI
UNIT
#1 TRANS
2 TRANS
SIGN
DATE

LANCASTER AVIONICS, INC

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

Customer Aero Tech Services Aircraft Type PA-28-181 N# 9269Q

Test Alt 14,000 | Pilot | Co-Pilot

Hysteresis 50% 7,000 -25 | -15 | -30 | +5 | +/- 75
40% 5,600 -15 | -30 | +5 | +/- 75
+ Effect 0 +10 | +5 | +5 | +/- 30

Error -1000	-990	20	1041	750
zero	+10	20	-50	+30
500	500	20	450	540
1000	990	20	940	1030
1500	1490	25	1440	1540
2000	1990	30	1942	2050
3000	2990	30	2930	3040
4000	4000	35	3950	4030
6000	5990	40	5940	6040
8000	7990	60	7940	8040
10000	9990	80	9040	1030
12000	11955	90	11940	12050
14000	13960	100	13950	14030
16000		110		
18000		120		
20000		130		
22000		140		
25000		155		
30000		180		
35000		205		
40000		230		
45000		255		
50000		280		

Friction

	P o	To	Co P o
1000	40	70	
2000	30	70	
3000	20	70	
5000	40	70	
10000	10	80	
15000		90	
20000		100	
25000		120	
30000		140	
35000		160	
40000		180	
50000		250	

Pressure Alt Diff Tol +/- 25

	P o	To	Co P o
28.10"	-1225	1231	
28.50"	-1350	1340	
29.00"	-865	883	
29.50"	-340	387	
29.92"	10	10	
30.50"	+530	32	
30.90"	+935	893	
30.99"	+990	974	

	PASS	FAIL
Pilot Altimeter		
Co-Pilot Altimeter		
Encoder		

Technician James Hauser Signature
Date 01-21-21

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

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

CRS# LN7R261N

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 54261 Completed: 11/20/20
S/N: 28-43031 Tach Time: 8766.20 TTAF:8766.20

Completed the following items;

- Replaced vacuum line with new from vacuum pump to T junction.
- Replaced worn cabin heat duct with new -12 SCAT ducting
- _____ Jonathan Pendergast AP3948528

Airworthiness Directives (AD's) Checked through Biweekly:2020-23

- None applicable at this time.

Completed the following items:

- Replaced worn out circuit breaker placards with new.
- Removed AA80-001, S/N: 13605 Intercom unit. Installed serviceable AA80-020, S/N:12597.
- Installed new vacuum regulator filter p/n RAB3-5-1.
- Installed new alternator support bracket P/N: 101103-002.
- Secured strobe light lense into housing on LH wing tip.
- Rebuilt LH MLG strut with piper seal kit P/N: TPMS-1
- Replaced LH MLG tire new 6.00x6 Wilkerson Retread with 6.00x6 tube. Clean and lubricated wheel bearings.
- Tightened hardware on lower cabin door hinge.
- Lubricated defroster control cable and adjusted cable.
- Tightened Carb. heat control arm hardware and safetied.

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.

ATS Date: 11/20/2020 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.: 56110 Completed: 01/14/21
S/N: 28-43031 Tach Time: 8832.50 TTAF:

ATS
- Replaced FWD muffler P/N: WCC85477-05 and AFT muffler P/N WCC85477-02
- Aircraft is Approved for return to service for work performed.

_____ Jeremiah G. Martin AP Pending

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 6579 21-January-2021 WO# 25586 HOBBS 5256.2
N9269Q S/N 2843031 PIPER PA-28-181 **Pg 1 / 1**

**** ITEM # 25586-2 ADJUST ALTIMETER BARO SCALE ****
DISCREPANCY: ALTIMETER HAS ALTITUDE ERRORS THAT ARE 30 - 35 FT HIGH WHICH EXCEEDS ALLOWABLE TOLERANCE.
Model: 5934PA-3 Part#: 5934PA-3A.134 Serial#: 4K679
ACTION: ADJUSTED BAROMETRIC CORRECTION SCALE TO CORRECT ALTITUDE ERRORS TO MEET CERTIFICATION SPECS WITHIN ALLOWABLE TOLERANCE.

**** ITEM # 25586-3 REPAIR STATIC SYSTEM LEAK ****
DISCREPANCY: STATIC SYSTEM HAS AN ERRATIC LEAK WHICH VARIES FROM 66 - 1,100 FT/MIN.
ACTION: ISOLATED LEAK TO ALTIMETER BARO SCALE KNOB/SHAFT. APPLIED SILICONE LUBRICANT TO KNOB/SHAFT O-RING TO CORRECT LEAK. FINAL LEAK CHECK ANALYSIS PASES WITHIN ALLOWABLE TOLERANCE WITH A 12 FT/MIN LEAK @ 1,000 FT AGL PRESSURE ALTITUDE.

James Hauser
JAMES HAUSER

N9269Q Hobbs: 5256.2

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	14,000 FT
# 2 ALTIMETER	N/A	
ENCODER (S)	AE-350	14,000 FT

STATIC SYSTEM TEST DATE 01-21-21
SIGN James Hauser DATE 01-21-21

LANCASTER AVIONICS INC
CRS # LN7R261N

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	KT74
# 2 TRANSP	N/A

SIGN James Hauser
DATE 01-21-21

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 54261 Completed: 02/12/21
S/N: 28-43031 Tach Time: 8857.7 TTAF:8857.70

Completed the following items:

- Replaced main vacuum filter with new p/n RA-D9-18-1
- Replaced vacuum regulator filter with new p/n RAB-3-5-1
- Adjusted defrost cable at instrument panel as needed for free travel. Ops check good.

Jeremiah G. Martin AP PENDING

Completed the following items:

- Lubricated throttle cable
- Lubricated stuck stabilator pulleys in spar box
- Serviced LH strut with nitrogen
- Serviced nose strut with nitrogen
- Replaced RH flap bonding jumper
- Lubricated airframe
- Cleaned and repacked LH and nose wheel bearings with fresh grease

Airworthiness Directives (AD's): Checked through Biweekly:2021-03

- None 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.

ATS Date: 02/12/2021 Signed: Cert. No. AP3948528
Jonathan C Pendergast

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 56856 Completed: 02/16/21
S/N: 28-43031 Tach Time: 8859.90 TTAF:

ATS

- Troubleshot hobbs meter circuit. Repaired broken wire at hobbs meter fuse holder. ops check good.
- Aircraft is approved for return to service for work performed.

Ryan L. Eberhart AP3679868

ROYAL AIRCRAFT SERVICES

Royal Aircraft Services, LLC
18335 Airpark Rd.
Hagerstown, MD 21742
301-791-3642 - FAX: 301-791-7368
CRS JZRR651K

Date: 3/3/2021 Tach: 8877.6 Hobbs: 5303.3
N9269Q Piper PA-28-181 S/N: 28-43031

Removed interior as needed and lower wing spar covers as needed to facilitate inspection. Complied with AD2020-26-16 Spar Eddy Current Inspection by Eddy Current Inspection completed by Jason Kuhn (Certified NDI), no cracks found at this time. Inspection Results Form (Appendix 1, Docket No. FAA-2018-1046) of AD completed and to be sent to FAA and Piper Certification Office per instructions. Replaced bolts p/n: AN176-13A, washers and nuts p/n: MS21042-6 for the forward spars and aft spars, torqued bolts to 360 in/lbs. Bolt replacement completed in accordance with Piper Archer III Maintenance Manual, Chapter 57-40-00, Fig. 1, Sketches C and D. Reinstalled lower wing bolt covers and interior.

The maintenance identified above was completed in accordance with the current regulations of the FAA and is approved for return to service. Pertinent details of the maintenance are on file with this repair station under work order #2102018.

Michael J. Kissel for Royal Aircraft Services, LLC

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 57507
S/N: 28-43031

Model: Archer III

Tach Time: 8894.20

Reg. No.: N9269Q
Completed: 03/11/21

- Removed Steering horn for repair
- Installed serviceable steering horn
- Aircraft is approved for return to service for work performed

Date: 3/12/2021 Signed: *Jonathan C. Pendergast* Cert. No. AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Date: 03/19/21

Model: ArcherIII
S/N: 28-43031
Type: O360A4M

Reg. No.: N9269Q
Tach Time: 8902.00
S/N: L-42320-36A

- Installed Revision VB-1611 in Pilots operating handbook.
- Aircraft is approved for service.

Jonathan C. Pendergast AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 59540
S/N: 28-43031

Model: ArcherIII

Tach Time: 8947.00

Reg. No.: N9269Q
Completed: 04/30/21
TTAF: 8947.00

Completed the Following Items:

- Installed new vacuum regulator filter p/n RAB3-5-1.
- Tightened air conditioner belt.
- Adjusted stabilator cable tension to within manufacturers specifications.
- Adjusted rudder cable tension to within manufacturers specifications.
- Installed new BA-3 Induction Filter.

Jonathan Pendergast AP3948528

- Rebuilt LH MLG strut with new quad seal P/N: CA484-769 and scraper P/N: AN6231-18. Serviced with nitrogen and 5606.

Ryan L. Eberhart AP3679868

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 8/2021

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 2021-09

- None applicable at this time.

Completed the following items:

- Tightened cowl attach bracket at left side of spinner.
- Replaced broken outboard static wick on RH aileron with new wick p/n SW10-96.

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

Date: April 30, 2021 Signed: *Robert G. Zimmerman* Cert. No. AP3129806IA

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 61085
S/N: 28-43031

Model: ArcherIII

Tach Time: 9046.10

Reg. No.: N9269Q
Completed: 07/07/21
TTAF: 9046.10

Completed the following items:

- Replaced vacuum regulator filter with new p/n RAB-3-5-1
- Lubricated airframe
- Replaced ELT battery with new p/n 452-0130. Exp. 3/24 C/W FAR 91.207(d). JP
- Re-riveted pulled rivet on cabin door
- Replaced RH tire with 6.00x6 Wilkerson retread tire and 6.00x6 Airstop tube . CLEANED & REPACKED BEARINGS.
- Replaced RH disc with new p/n 164-02000
- Replaced RH brake linings with new p/n RA66-105.
- Removed nose strut, and cleaned. Removed and replaced internal seals using kit TPNS-1. Serviced with fresh 5606 hydraulic fluid and nitrogen. Reassembled and installed on aircraft.

Airworthiness Directives (AD's): Checked through Biweekly:2021-14

- 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: 07/07/2021 Signed: Jonathan C Pendergast Cert. No. AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 62054
S/N: 28-43031

Model: ArcherIII

Tach Time: 9065.40

Reg. No.: N9269Q
Completed: 07/15/21

- Removed NLG strut from housing. Replaced necessary seals with kit p/n TPNS-1. Reinstalled strut and serviced with fresh 5606 hydraulic fluid and nitrogen.
- Aircraft is approved for return to service for work performed.

Jonathan C. Pendergast AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 62054
S/N: 28-43031

Model: ArcherIII

Tach Time: 9074.30

Reg. No.: N9269Q
Completed: 07/19/21
TTAF:

Replaced RH rear nav, light P/N: A50828. 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.: 62398
S/N: 28-43031

Model: ArcherIII

Tach Time: 9103.10

Reg. No.: N9269Q
Completed: 07/28/21
TTAF:

- Rebuilt NLG strut with new seals and serviced with 5606 and nitrogen.
- Replaced 3 receptacles P/N: 484-198 on LH MLG fairing.
- Replaced broken Kool Scope with new
- 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.: 62781 Completed: 08/26/21
S/N: 28-43031 Tach Time: 9142.00 TTAF:9142.00

Completed the following items:

- Replaced vacuum regulator filter with new p/n RAB-3-5-1
- Lubricated airframe
- Cleaned and inspected fuel bowl

Allen J. Silks AP4406471

- Replaced induction filter BA-3.
- Inspected RH MLG tire. No discrepancies found.
- Replaced LH and RH OB and RH IB stabilator trim hinges.
- Removed FWD wing walk panel. Installed stiffeners P/N's: 62086-003 and 62086-002. Installed new wing walk panel P/N: 62061-802. Painted and applied wing walk compound. Installed new wing gap seal P/N: 187-526
- Replaced RH brake linings with new p/n RA66-105.

Ryan L. Eberhart AP3679868

- Replaced instrument panel with new p/n GE 327 bulb
- Reattached pilot/copilot rudder pedal pads with adhesive
- Drilled out bad rivets, upsized holes and reattached with larger rivets for cowling oil door hinge.
- Removed LH aileron balance cable. Installed new aileron cable p/n MC62701-123. Re-rigged aileron system. Tensioned all cables to manufacturers specifications.
- Tightened LH and RH rudder pedal/master cylinder support hardware as necessary
- Installed tail pipe hanger hardware with new p/n 453-713 bushings
- Rigged stabilator trim tab to manufacturers specifications.

Airworthiness Directives (AD's): Checked through Biweekly:2021-17

- 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: 8/26/2021 Signed: Jonathan C Pendergast Cert. No. AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: Archer III Reg. No.: N9269Q
Order No.: 63288 Completed: 09/20/21
S/N: 28-43031 Tach Time: 9195.40

- Removed wheel and nose strut. Cleaned, inspected, installed new seals and reinstalled strut on aircraft. Reinstalled wheel. Serviced strut with 5606 hydraulic fluid and nitrogen according to manufacturer's specifications.
- Aircraft is approved for return to service for work performed.

Jonathan C. Pendergast AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 64213 Completed: 10/02/21
S/N: 28-43031 Tach Time: 9211.30

- Removed wheel from aircraft and removed tire from wheel. Installed new 6.00x6 Michelin Airstop tube p/n 092-500-0. Reinstalled tire and wheel.

Allen J. Silks AP4406471

- Removed alternator p/n ALU-8532RS s/n J080020. Installed new alternator p/n ALU-8532RS s/n D051032.
- Removed Lamar voltage regulator p/n B-00368-2 and installed new PlanePower voltage regulator p/n R1224 s/n H-U080798. Adjusted voltage regulator output to desired 28v.
- Completed ground run-up. Ops check good.
- Aircraft is approved for return to service for work performed.

Jonathan C. Pendergast AP3948528

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER Model: ArcherIII Reg. No.: N9269Q
Order No.: 64213 Completed: 10/07/21
S/N: 28-43031 Tach Time: 9217.30

- Replaced vac pump with Rapco O/H vac pump p/n 215CC s/n 196181. Replaced oil seal with new p/n 06A19956. OPs check ok

Michael Reginella AP3696864

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 64213
S/N: 28-43031

Model: ArcherIII

Tach Time: 9237.20

Reg. No.: N9269Q
Completed: 10/18/21
TTAF:

Removed attitude indicator M/N:5000B-17, S/N: 48452F. Installed overhauled attitude indicator M/N: 5000B-4, S/N: 62043F
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.: 64213
S/N: 28-43031

Model: ArcherIII

Tach Time: 9238.80

Reg. No.: N9269Q
Completed: 10/22/21
TTAF: 9238.80

Completed the following items:

- Cleaned and inspected fuel bowl.
- Replaced induction filter BA-3.
- Replaced LH MLG tire with new 6.00-6 retread tire and Michelin airstop 6.00-6 tube. Cleaned, inspected and greased wheel bearings.
- Cleaned and inspected nose wheel bearings. Serviced tire to 24PSI, no defects noted.;
- Disassembled, cleaned and replaced LH MLG strut seals with new Q4326 quad seal and AN6231-18 scraper. Serviced strut with 5606 fluid, no leaks noted.
- Replaced left flap FWD rod end with new p/n 452-335 and aft rod end with new p/n 452-336, no defects noted.

Michael Reginella AP3696864

- Installed new vacuum regulator filter p/n RAB3-5-1.
- Installed new lower hinge doubler P/N: 79645-002. Fabricated doubler plate out of .050 2024-T3 and installed on outside of cabin door at lower hinge.
- Freed defrost control cable. Ops check good.
- Replaced working rivet on top of RH wing.
- Reattached RH wing gap seal.
- Replaced RH FWD aileron rod end P/N: 452-335.
- Cleaned minor corrosion on FWD vertical stab attachment.
- Removed AC door. Fabricated patch and installed cleaned corrosion and primed. Reinstalled AC door.
- Tightened all upper master cylinder support brackets.

Airworthiness Directives (AD's): Checked through Biweekly:2021-21

- 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: 10/22/2021 Signed: Ryan L. Eberhart Cert. No. AP3679868

Aero-Tech Services, Inc. 500-P Airport Road Lititz, PA 17543
Make: PIPER
Order No.: 66059
S/N: 28-43031

Model: ArcherIII

Tach Time: 9339.80

Reg. No.: N9269Q
Completed: 12/1/21
TTAF: 9339.80

Completed the following items:

- Installed new vacuum regulator filter p/n RAB3-5-1.
- Replaced main vacuum filter with new p/n RA-D9-18-1
- Replaced worn stabilator pulley in spar box with new p/n 63955-003
- Added new anti-chafing material behind airbox and secured
- Removed NLG strut and cleaned. Replaced seals, reinstalled on aircraft, and serviced with fresh 5606 hydraulic fluid and nitrogen.

Airworthiness Directives (AD's): Checked through Biweekly:2021-24

- 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: 12/1/2021 Signed: Jonathan C Pendergast Cert. No. AP3948528

END

@ 9356.8 HRS.