

AIRCRAFT LOG



AIRCRAFT DESCRIPTION

Registration No. N501MA

Model: PA-28-181 Popular Name: ARCHER III

Serial No.: 2881479 Type Certificate No.: 2A13
765385 777015 815213

Colors: MATTERHORN WHITE / RADIANT RED & STARLIGHT SILVER

Engine Manufacturer: LYCOMING Serial Numbers: Single L-38592-51E

Original Engine Model: IO-360-B4A Left _____

Right _____

Propeller Manufacturer: SENSENICH Hub or Serial Number: Single 106304K

Original Propeller Model: 76-EM8S14-0-62 Left _____

Right _____

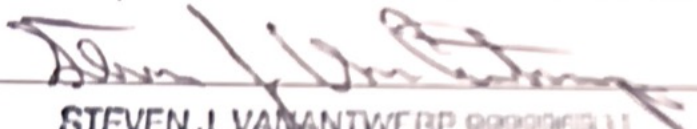
Blade Numbers

Left

Right

2021 MODEL

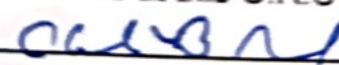
COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature Certificate
All applicable Federal Aviation Administration Airworthiness Directives, through Bi-Weekly <u>2021-13</u> , have been complied with at the time of manufacture Signed:  STEVEN J. VANANTWERP PIPER AIRCRAFT, INC.		5.1	JUL 01 2021	

TBM
DANER

MAC
Muncie Aviation Company
 An Employee Owned Company

Piper

- | Reg. Mark | Hobbs | Make | Model | S/N |
|-----------|-------|-------|-----------|---------|
| N501MA | 13.6 | Piper | PA-28-181 | 2881479 |
- Enabled SVT option on G1000NXi system. Installed Flightstream 510 and enabled option in G1000NXi system per Piper SL1293 dated April 1, 2021 GARMIN G1000 NXi SOFTWARE UPDATE VERSION 3080.10. FS510 p/n 010-01322-01 s/n 402012131 installed in system. Operational checks good.
 - The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed
 - Details of the repair/inspection are on file at this C.R.S under Shop Order No. A-21-3582
 Date 8/5/2021 Signed  Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141



Experience the Skytech-Advantage

200 Airport Drive, Westminster, Maryland 21157

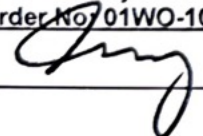
Phone: (410) 574-4144 / Fax: (410) 848-6451

Aircraft Log Entry	N501MA	W/O: 01WO-1050	Date: October 27, 2021
Aircraft: PA-28-181	S/N: 2881479	ACTT: 54.5	HOBBS: 54.5
Engine: IO-360-B4A	S/N: L-38592-51E	ETSN: 54.5	
Propeller: 76-EM8514-0-62	S/N: 16304K	PTSN: 54.5	

- C/W Piper First 50 hour inspection IAW Piper Aircraft Inc. PA-28-181 Warrantable 1st 50 Hour Inspection Report p/n 765-040.
- Piper SL 1273A is applicable but not due until ACTT 2000.
- Secured RH cyl spark plug leads, air conditioning door hinge pin, and re-clocked stall vane lower wire to prevent chafing IAW Piper PA-28-181 AMM chapter 20-00-00.
- Adjusted LH and RH aileron cable tensions IAW Piper PA-28-181 AMM chapter 27-00-00.
- Adjusted rudder cable tension IAW Piper PA-28-181 AMM chapter 27-00-00.
- Adjusted stabilator cable tension IAW Piper PA-28-181 AMM chapter 27-00-00.
- Installed a new velcro strip onto the OB lower LH MLG strut fairing IAW Piper PA-28-181 AMM chapter 32-10-00.
- Lubricated LH fuel tank cap IAW Piper PA-28-181 AMM chapter 12-10-00.
- Inspected autopilot system IAW Piper PA-28-181 AMM chapter 22-10-00.
- Cleaned and buffed flight compartment instrument panel IAW Piper PA-28-181 AMM chapter 20-00-00.
- Inspected air conditioning system operation IAW Piper PA-28-181 AMM chapter 21-50-00.
- Cleaned around wing fuel tank caps IAW Piper PA-28-181 AMM chapter 20-00-00.
- Adjusted co-pilot seat headrest IAW Piper PA-28-181 AMM chapter 20-00-00.
- Drained oil and took sample. Removed and cut open oil filter - NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter p/n CH48110-1. Serviced engine with 8 quarts of Aeroshell 15W-50 oil. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480F.
- Removed, inspected, and re-torqued engine tailpipe aft bracket hardware IAW Piper PA-28-181 AMM chapter 20-00-00.
- Adjusted the mixture and idle IAW Piper PA-28-181 AMM chapter 76-10-00.
- Adjusted alternator belt tension IAW Piper PA-28-181 AMM chapter 24-30-00.
- Adjusted air conditioning compressor belt tension IAW Piper PA-28-181 AMM chapter 21-50-00.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under Work Order No 01WO-1050

Signed  for Skytech, Inc., 200 Airport Dr., Westminster, MD 21157

CRS# LF1R294K

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
JUL 01 2021	Brought Forward →	5.1		
Total To Carry Forward		5.1		

The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested:
 On (Pri) 4/21/21 at 55,000 ft (Sec) 5/14/21 at 20,000 ft

The ELT is installed per FAR 91.207.
 Battery Replacement date: JAN 2027

The ATC Transponder Tests and Inspections required by FAR 91.413 performed this date and found to comply with FAR 43, Appendix F.

1. Make Garmin Model GTX345R S/N 3EH029150

Details of this inspections are on File at this facility under:
 AFT S/N 2881479 Date 6/3/21

The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: 6/3/21

I find that the aircraft meets the requirements for the certification requirements and have issued a Standard Airworthiness Certificate.

Signature: [Signature] Date: JUL 01 2021

STEVEN J. VANANTWERP 999596931
 Piper Aircraft Inc.

and Remarks	Signature	Certificate No.
<p>Chester County Aviation 1 Earhart Drive, Suite 4 Coatesville, PA, 19320</p> <p>Make: Piper Model: PA-28-181 Reg. No.: N501MA Order No.: 14394 Completed: 03/04/22 S/N: TTAF:</p> <p>Disconnected propeller, fuel/oil lines, electrical harness, baffling, air conditioning compressor and all necessary components. Unbolted and removed original Lycoming IO-360-B4A Engine serial No. L-38592-51E Tach time: 54.4. Packaged engine and sent to Triad Aviation Inc. Repair station #PP4R448M for repair. Reinstalled engine on mounts using original isolators/bolts and torqued. Reinstalled fuel/oil lines, electrical harness, air conditioning compressor, baffling and sealed with high temp RTV, propeller and all other necessary components. Replaced A/C and alternator belts P/N 73965-027 and P/N 73965-030, new champion oil filter CH48110-1, (1) new Tempest UREM-38E spark plug, New propeller bolts P/N BK76EM8S14 and 8qts Phillips 20w-50 type M oil. Ran engine referencing Lycoming service instruction #1427C, ops check good. Work done referencing Piper Pa28-181 AMM section 61 and section 71-00-00. Jacob Sarac A&P 4445470</p> <p><i>[Signature]</i></p>	<p><i>[Signature]</i></p>	<p>03/04/2022</p>
<p>Chester County Aviation 1 Earhart Drive, Suite 4 Coatesville, PA, 19320</p> <p>Make: Piper Model: PA-28-181 Reg. No.: N501MA Order No.: 14394 Completed: 03/04/22 S/N: 2881479 Tach Time: 54.50 TTAF: 85.90</p> <p>Disconnected propeller, fuel/oil lines, electrical harness, baffling, air conditioning compressor and all necessary components. Unbolted and removed original Lycoming IO-360-B4A Engine serial No. L-38592-51E. Packaged engine and sent to Triad Aviation Inc. Repair station #PP4R448M for repair. Reinstalled engine on mounts using original isolators/bolts and torqued. Reinstalled fuel/oil lines, electrical harness, air conditioning compressor, baffling and sealed with high temp RTV, propeller and all other necessary components. Replaced A/C and alternator belts P/N 73965-027 and P/N 73965-030, new champion oil filter CH48110-1, (1) new Tempest UREM-38E spark plug, New propeller bolts P/N BK76EM8S14 and 8qts Phillips 20w-50 type M oil. Ran engine referencing Lycoming service instruction #1427C, ops check good. Work done referencing Piper Pa28-181 AMM section 61 and section 71-00-00. Jacob Sarac A&P 4445470</p> <p><i>[Signature]</i></p>		

AIRCRAFT LOG

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

Chester County Aviation

1 Earhart Drive, Suite 4

Coatesville, PA, 19320

Make: Piper
Order No.: 14394
S/N: 2881479

Model: PA-28-181

Tach Time: 61.80

Reg. No.: N501MA
Completed: 03/04/22
TTAF: 88.00

Performed flight test in accordance with Lycoming Service Instruction 1427C Paragraph C Dated December 29, 2010
No defects noted.

Tom Birch Comercial Pilot 3235510 CFI

Tom Birch 3235510 CFI
3/24

Chester County Aviation

1 Earhart Drive, Suite 4

Coatesville, PA, 19320

Make: Piper
Order No.: 16899
S/N: 2881479

Model: PA-28-181

Tach Time: 139.70

Reg. No.: N501MA
Completed: 08/03/22
TTAF:

Complied with Special Inspection for airplanes equipped with Garmin G1000 NXi. No defects noted. All work done in accordance with Piper PA-28-181 AMM 34-25-03. ; Removed and replaced 1ea. NLG Timken Wheel Bearing P/N: LM29749-20629. Work done IAW Piper PA-28-181 AMM Section 32-20-00. Adjusted Rudder Cable Tensions to be within limits IAW Piper PA-28-181 AMM Section 27-20-00. Installed proper hardware onto Air Conditioning Compressor mount IAW Piper PA-28-181 IPC Figure 56A. Performed inspection of ELT System IAW requirements contained in FAR 91.207(d). No defects noted. Performed research into applicable STC ICAs. No applicable ICAs noted. ; Complied with AD research. AD listing provided to the customer. ALL ADs CURRENT THROUGH 08/02/2022; I certify this aircraft has been inspected in accordance with an ANNUAL inspection IAW FAR 43 Appendix D and has been found in AIRWORTHY condition and is approved for return to service.;

Joshua M. Rauch A&P 3214776 IA

Joshua M. Rauch

Total To
Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.

SRQ Avionics

8191 N. Tamiami Trail B2 Sarasota, FL 34243

Date: 02/07/2023 Work Order: 18900

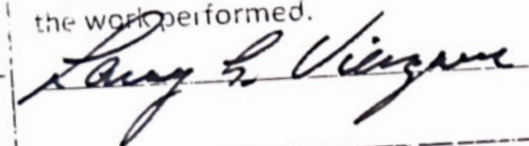
N501MA Make: PIPER Model: PA-28-181 SN: 2881479 Tach: 276.0

Updated Garmin G5 (PN: 010-01485-11 SN: 4JQU49367) SW from 6.82 to 9.02 in accordance with Garmin

Installation Manual 190-01112-10 Rev. 29.

Ramp tested fully operational

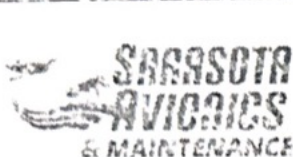
I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

 Larry Viergever for Sarasota Avionics Inc. QV08957X



AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



N501MA
Model: Piper PA-28-181

DATE: 2/22/2023
SN: 2881479

Hobbs: 289.3 Tach: 405.0
Airframe

- C/W Piper Service Letter No. 1309, Nose Landing Gear Steering Horn Inspection. Next due on 389.3 Tach Time.

The above maintenance has been performed IAW current FAR's and Manufacturers Maintenance Instructions and is considered approved for return to service only for the work performed Details of work performed are on file with Sarasota Avionics & Maintenance under sales order: S820855

Gilbert Fernando Perez Hernandez A&P 3441624

Total To Carry Forward				
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Registration No. _____



icate No.

N501MA
Model: Piper PA-28-181

DATE: 03/28/2023
SN: 2881479

Hobbs: 446.3 FT: 319.2
Engine

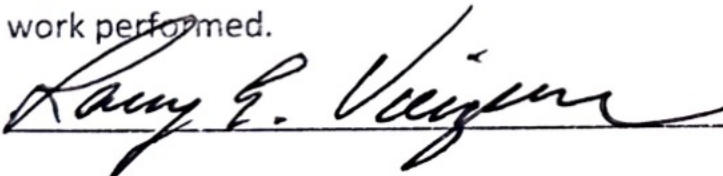
- Complied with Piper Service Letter: 1318A Brake Line Modification. SL 1318A corrects the clamp part number required for securing the brake line.

The above maintenance has been performed IAW current FAR's and Manufacturers Maintenance Instructions and is considered approved for return to service only for the work performed Details of work performed are on file with Sarasota Avionics & Maintenance under work order: S819739.

A handwritten signature in black ink, appearing to read "Ryan Oster", is written over a horizontal line.


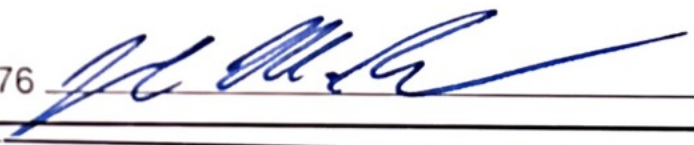

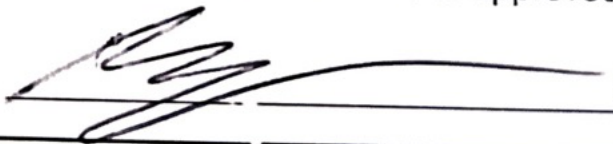
Ryan Oster A&P : 3804705

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>SRQ Avionics 8191 N. Tamiami Trail B2 Sarasota, FL 34243</p> <p>Date: 3/23/2023 Work Order: 18981 N501MA Model: PA-28-181 Make: PIPER SN: 2881479 Hobbs time: 438.2</p> <p>IFR Recertification: The Garmin GSU75 Altimeter #1 (PN:011-03094-00 SN: 3KY006171) Garmin G5 Standby (PN: 011-03809-00 SN: 4JQ049367) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. The Automatic pressure altitude reporting equipment Garmin GSU75 (PN:011-03094-00 SN: 3KY006171) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. The transponder GTX345R PN011-03303-41 SN 3EH029156 was tested, inspected and found to comply with App F of 14 CFR 43 and 14CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14 CFR 91.411. Tested ADS-B IAW 91.227 operational. Ramp tested fully operational.</p> <p>I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.</p> <p> , Larry Viergever for Sarasota Avionics Inc. QVCR957X</p>				
Total To Carry Forward				



Registration No. _____

and Remarks	Signature	Certificate No.
<p>wo: WO-0034</p> <p style="text-align: right;">Airframe · page 1 of 1</p> <div style="text-align: center;"> Chester County Aviation · 1 Earhart Dr · Coatesville, Pennsylvania 19320 · 610-384-9005</div>		
<p>N501MA HOBBS: 473.3</p>	<p>PIPER, PA-28-181, S/N: 2881479 TACH: 340.8</p>	<p>April 14, 2023</p>
<p>IO-360-B4A, ENGINE PN: IO-360-B4A, SN: L-38592-51E, TT TACH: 340.8</p> <ol style="list-style-type: none">1. Removed and replaced NLG tow point with new. P/N: 65276-002. All work done with reference to Piper PA-28-181 AMM 32-20-00 as required. Installed P/N 65276-002 - Piper Tow Link.2. Removed and replaced NLG tire tube with new 6.00-6 tube. Leak checked good. No further defects noted.		
<p>Josh Rauch A&P/IA 3214776 </p>		
<p>wo: WO-0028</p> <p style="text-align: right;">Airframe · page 1 of 1</p> <div style="text-align: center;"> Chester County Aviation · 1 Earhart Dr · Coatesville, Pennsylvania 19320 · 610-384-9005</div>		
<p>N501MA</p>	<p>PIPER, PA-28-181, S/N: 2881479</p>	<p>April 04, 2023</p>
<p>Serviced nose strut with nitrogen. Ref Piper PA 28-181 Chapter 12.</p> <p>With respect to the work performed, this airframe is approved for return to service.</p>		
<p>Peter Bargren A&P/IA  3033353</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Airframe - page 1 of 1

wo: WO-0047



Chester County Aviation · 1 Earhart Dr · Coatesville, Pennsylvania 19320 · 610-384-9005

N501MA
Billing: 476.6

PIPER, PA-28-181, S/N: 2881479
Maintenance: 343.3

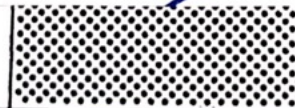
April 18, 2023

IO-360-B4A, ENGINE PN: IO-360-B4A, SN: L-38592-51E, TT TACH: 340.8

1. Removed L/H MLG wheel and tire assembly. Disassembled and replaced tire with new 6.00-6 tire and tube. Reassembled wheel assembly, filled with Dry Nitrogen, and leak checked. No defects noted. All work done in accordance with Cleveland Wheel and Brake CMM for External Design Wheels & Brakes Section 300-3 Installed P/N 600-6-6MHTT - Air Hawk Tire A83E4, Installed P/N 600x6 Tube - 600x6 Tube.
2. Removed R/H MLG wheel and tire assembly. Disassembled and replaced tire with new 6.00-6 tire and tube. Reassembled wheel assembly, filled with Dry Nitrogen, and leak checked. No defects noted. All work done in accordance with Cleveland Wheel and Brake CMM for External Design Wheels & Brakes Section 300-3 Installed P/N 600-6-6MHTT - Air Hawk Tire A83E4, Installed P/N 600x6 Tube - 600x6 Tube.
3. Removed and replaced 4 each brake pads with new P/N: 066-10500 using 8 each rivets P/N: 105-00200. Ops checked good. No further defects noted Installed (4) P/N Brake Pads 066-10500 - Brake Pads 066-10500, Installed (8) P/N Brake Rivet 105-00200 - Brake Rivet 105-00200.

Josh Rauch A&P/IA 3214776

Total To
Carry Forward





Sarasota Avionics · 8191 N. Tamiami Trail · Sarasota, FL 34243 · 787-225-8859

N501MA**PIPER AIRCRAFT INC, PA-28-181, S/N: 2881479****September 01, 2023**

Flight: 447.7

Hobbs: 623.9

1. Performed Annual inspection IAW FAR 43 Appendix D and Piper PA28 AMM.
2. Removed Gaskolator and inspected as required. Installed new o-rings as required.
3. Removed all wheels. Disassembled, cleaned and inspected wheel assembly's as required Re-packed bearings with new grease.
4. Inspected cable tension's as required. No defects noted.
5. Removed ELT and Tested Per FAR 91.207(d). ELT battery next due 01/2027.
6. IFR Recertification C/W on 03/2023 next due 03/2025.
7. C/W AD 2015-19-07 Fuel Injector Lines by inspection. No defects noted. Next due 723.9 Hobbs.
8. Removed propeller for dynamic balance performed by Aircraft Propeller Works on 8/24/2023. Invoice# I-6681P.
9. Installed Propeller.
10. Repaired fiber glass as required at cowling . Grind out the affected areas and fill with flox. Sanded, primed and painted as required.
11. Grind out affected areas with cracking.
12. Removed seat and removed headrest. Dissembled headrest and found clamps were bent. Replaced clamps with new MS21919WDG6. x2. Installed (2) P/N MS21919WDG6 - CLAMP.
13. Repaired wing walk with liquid repair kit. Installed P/N ADS-UWW - WING WALK COMPOUND.
14. Found door trim plug on floor. Re-installed as required.
15. Secured loose arm rest tray as required.
16. Removed corrosion at nose strut. Prep, primed, and painted asrequired.
17. Re-adjusted & secured carburetor heat cable as required. Installed new cotter pin.
18. Secured steering damper required. Installed new cotter pin.
19. Removed exhaust bracket as required. Found stripped bolt AN3-35. Replaced bolt and secured.

AIRCRAFT LOG

wo: WO_12 SO S825446

Airframe · page 2 of 2

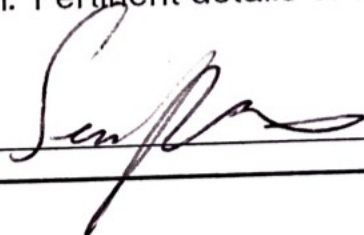
**SARASOTA AVIONICS
& MAINTENANCE**

Sarasota Avionics · 8191 N. Tamiami Trail · Sarasota, FL 34243 · 787-225-8859

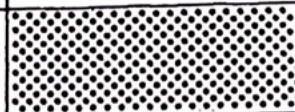
20. Secured throttle cable as required. Installed new cotter pin.
21. Secured mixture cable as required. Installed new cotter pin.
22. Removed and replaced nose tire & tube with new Goodyear Flight Special II 6.00x6 4ply and a Aero Classic Tube 6.00x6.
23. Replaced fasteners as required at MLG wheel pans.
24. AD's complied with bi-weekly

I certify that this AIRFRAME has been inspected in accordance with ANNUAL inspection and was determined to be in AIRWORTHY condition. Pertinent details of this inspection are on file at this agency under sales order S825446.

Sean Passinault A&P IA 2806728



Total To
Carry Forward



1. Approving Civil Aviation
Authority/Country:
FAA/UNITED STATES

AUTHORIZED REL
FAA Form 8130-3, AIRWOL

4. Organization Name and Address:
HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY., MONTG

6. Item:	7. Description:	8. Part Number:	9.
1	ALTERNATOR ASSY	10-5050-1	

12. Remarks:

AIRWORTHINESS APPROVAL- PARTS FOR PMA ELIGIBILITY SEE WWW.HARTZELL.AERO/PMA/

and Remarks

and Remarks



No. _____

PIPER PA28-181N501MAS.N. 2881479DATE: 4-11-2024TACH: 782.0

Removed existing Alternator and Installed new Alternator Assy P/N 10-5050-1 S/N H-Y021844.
See FAA Form 8130-3 dated 27 Feb 2024 from Hartzell Engine Technologies for more details.
Replaced Alternator Field wire; Replaced Alternator Field 1 Amp fuse. Ops Checked satisfactory.

The above maintenance has been performed IAW current FAR's and Manufacturer Maintenance instructions and is considered approved for return to service only for the work performed. Details of work performed are on file with Sarasota Avionics & Maintenance under SO S829384..

Signed _____

Yoi Y. Li

A&P 3730585

1. Approving Civil Aviation
Authority/Country:
FAA UNITED STATES

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

H-Y021844

4. Organization Name and Address:

HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY., MONTGOMERY, AL 36108 PQ1383CE-D

5. Work Order/Contract/Invoice
Number: M028470

6. Item: 7. Description: 8. Part Number:

9. Quantity:

10. Serial Number:

11. Status/Work:

1 ALTERNATOR ASSY
**** END ****

1

H-Y021844

NEW

12. Remarks:

AIRWORTHINESS APPROVAL - PARTS FOR PMA ELIGIBILITY SEE WWW.HARTZELLAERO.PMA/

13a. Certifies the items identified above were manufactured in conformity to:

- ☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

... Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

Daniel W. Paul

13c. Approval/Authorization No.:

ODA-100082-CE

14b. Authorized Signature:

14c. Approval/Certificate No:

13d. Name (Typed or Printed):

Daniel W. Paul

13e. Date (dd/mm/yyyy):

27/Feb/2024

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

ALT-198 Computerized Test Report



P/N:	10-5050-1	Pass 02/27/2024
S/N:	H-Y021844	
W/O:	M028470	
Description:	ALT, 70A, 24V	

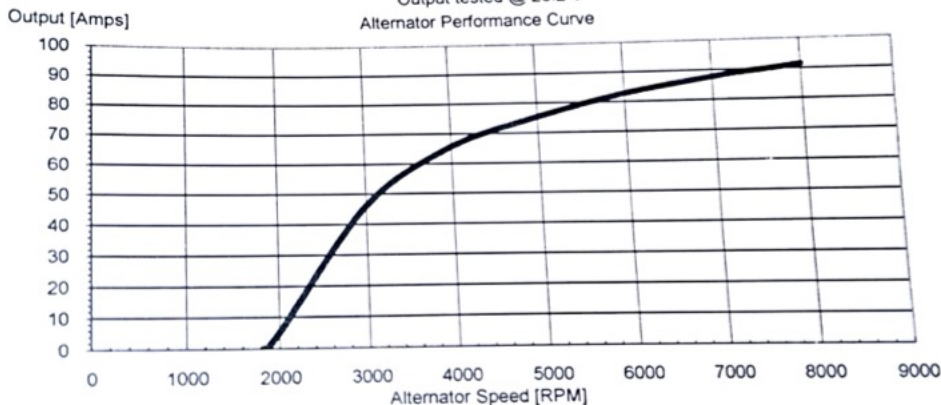
This alternator has an external voltage regulator. Some parameters do not apply to some units and for informational purp

Test Results Table:

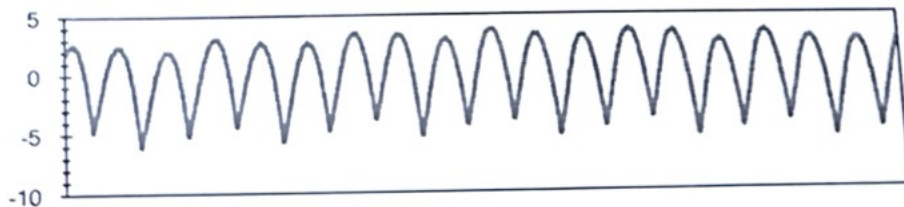
Maximum Alternator Output:	Amps	91.34
Maximum Output Power:	Watts	2578
Leakage Current	mAmps	0.2
Ripple Current	Amps	10.36
Alternator Turn On Speed	RPM	1828
Field Current	Amps	3.190

Output Current at 2000 RPM	Amps	4.99
Output Current at 3000 RPM	Amps	46.02
Output Current at 4000 RPM	Amps	65.64
Output Current at 5000 RPM	Amps	75.31
Output Current at 6000 RPM	Amps	82.74
Output Current at 7000 RPM	Amps	87.66
Output Current at 8000 RPM	Amps	91.34
Output Current at 0 RPM	Amps	0
Output Current at 0 RPM	Amps	0
Output Current at 0 RPM	Amps	0
Output Current at 0 RPM	Amps	0

Output tested @ 28.2 V
Alternator Performance Curve



Ripple Current @ 2500 RPM



SARASOTA AVIONICS
& MAINTENANCE

Sarasota Avionics - 8191 N. Tamiami Trail - Sarasota, FL 34243 - 787-225-8859

N501MA

Flight Time: 447.7

PIPER AIRCRAFT INC, PA-28-181, S/N: 2881479SINCE NEW (Flight
Time): 447.7

HOBBS: 624.4

July 16, 2024
TTSN: 624.4

1. Removed right hand brake caliper and replaced o ring PN: MS2775-222.
2. Replaced L/H and R/H brake linings with new p/n : 066-105.
3. Bled the brake system.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Sarasota Avionics under work order: WO_12 SO S831769.

Ryan Oster A&P 3804705



Total To Carry Forward				
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AD's Complied

SARASOTA AVIONICS
& MAINTENANCE

Miami Trail - Sarasota, FL 34243 - 787-225-8859

N501MA
BILLING HOBBS:
856.7PIPER AIRCRAFT INC, PA-28-181, S/N: 2881479
MX HOBBS: 618.7

August 22, 2024

1. Complied with Annual inspection on this airframe. Opened panels lubed all rod ends, hinges and pulleys. Complied with pertinent AD's.
2. Next IFR Inspection due on March, 2025.
3. C/W FAR 91.207D ELT inspection and test. Battery next due Jan 2027.
4. Removed nose wheel fairing for painting. Re-assembled nose wheel fairing as required.
5. Removed co-pilot seat head rest, changed hardware and secured in place.
6. Repaired LH aft upper main gear fairing with fiber glass as required.
7. Inspected elevator, rudder and aileron cable tensions as required.
8. Adjusted and rigged rudder cable IAW with Piper PA-28-181 MM.
9. Removed propeller P/N 76EM8S14-0-62 S/N 106304K and sent out for overhaul.
10. Reinstalled propeller after overhaul. Propeller P/N 76EM8S14-0-62 S/N 106304K overhauled by Aircraft Propeller Works, Inc. under WO# 7816F. Required documents filed with aircraft logs.
11. Removed and replaced replaced induction filter with new. Installed P/N BA-3 - AIR FILTER.
12. Flip LH main tire as required.
13. Removed and replaced R/H main tire/tube with new. Serviced tire and bearings as required. Installed P/N AB3E2 - AIRHAWK: 6.00-6 4 PLY, Installed P/N GL-6020B - AERO CLASSIC TUBE 600-6.
14. Removed and replaced L/H & R/H brake disc with new. Installed P/N RA164-02000 - brake disc.
15. Removed & replaced aircraft main battery with new same P/N. Installed RG24-11M - CONCORD BATTERY S/N 41380419

"I certify that this aircraft has been inspected IAW an Annual/100hr inspection and was determined to be in airworthy condition at this time."

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Sarasota Avionics under work order: WO_12 SO S832484.

Gilbert Perez Hernandez A&P IA 3441624



MAINTENANCE

MAKE: Piper
S/N: 2881479**Airframe**

DATE: 12/03/2024

MODEL: PA28-181
TACH: 1002.98191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700REG #: N501MA
TTAF: 1002.9Performed Database Updates IAW Garmin G1000 NXi Supplemental
Maintenance Manual (Rev.3) Paragraph 3.12.

Performed operational check with no faults found.

Roman N. Golyan

A&P#4644497

Roman Golyan

MAINTENANCE

MAKE: Piper
S/N: 2881479**Airframe**

DATE: 12/30/2024

MODEL: PA28-181
TACH: 1025.08191 N Tamiami
Sarasota, FL 34
www.AEROMx-srq.com
(941) 303-8700REG #: N5
TTAF: 102Performed Database Updates IAW Garmin G1000 NXi Supplemental
Maintenance Manual (Rev.3) Paragraph 3.12.

Performed operational check with no faults found.


Roman N. Golyan

A&P#4644497

Roman Golyan

Maintenance

Total To Carry Forward		

1. Approving Civil Aviation Authority's Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3 AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 9540249	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 6070401			
6. Item: 10	7. Description: RELAY	8. Part Number: 187-320000	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New		
12. Remarks: AUTHORIZED RELEASE DOCUMENT							
PO#: N501MA							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4		14b. Authorized Signature		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): TERRY WEEKS		13e. Date (dd/mm/yyyy): 10/Jan/2025		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

Signature	Certificate No.

Airframe

DATE: 01/27/2025

DEL: PA28-181
TACH: 1052.78191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700REG #: N501MA
TTAF: 1052.7IAW Garmin G1000 NXi Supplemental
Paragraph 3.12.
with no faults found.

A&P#4644497

Roman Solym



Airframe

DATE: 01/13/2025

MODEL: PA28-181
TACH: 1038.2

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

REG #: N501MA
TTAF: 1038.2

MAKE: Piper
S/N: 2881479

Removed and Replaced Condenser Door Close Relay with ONE (1) NEW
FDH. P/N# 187-32C200.
Work performed IAW Piper PA 28-181 Maintenance Manual Chapter 21-
50-00.

Performed operational check with no faults found.

Roman N. Golyan

A&P#4644497

Roman Golyan



MAKE: Piper
S/N: 2881479

Airframe

DATE: 01/27/2025

MODEL: PA28-181
TACH: 1052.7

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

REG #: N501MA
TTAF: 1052.7

Performed Database Updates IAW Garmin G1000 NXi Supplemental
Maintenance Manual (Rev.3) Paragraph 3.12.
Performed operational check with no faults found.

Roman N. Golyan

A&P#4644497

Roman Golyan

Signature	Certificate No.

AIRCRAFT LOG

AERO

MAINTENANCE 

Airframe

DATE: 02/20/2025

MODEL: PA28-181
TACH: 1071.8

MAKE: Piper
S/N: 2881479

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

REG #: N501MA
TTAF: 1071.8

Maintenance

Performed Database Updates IAW Garmin G1000 NXi Supplemental
Maintenance Manual (Rev.3), Paragraph 3.12.

Performed operational check with no faults found.

Roman N. Golyan

A&P#4644497

AERO

MAINTENANCE 

MAKE: Piper
S/N: 2881479

Airframe

DATE: 02/20/2025

MODEL: PA28-181
TACH: 1071.8

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

REG #: N501MA
TTAF: 1071.8

no Roman Golyan

Removed and Replaced L/H Main Landing Gear Tire with (1) ONE NEW
AirHawk P/N# AB3E4 and Tube with (1) ONE NEW Aero Classic P/N#
6020 IAW Piper PA-28-181 Maintenance Manual Chapter 32, Section
40-00, Tasks A through C.

Performed Operational Check, No Faults found.

Roman N. Golyan

A&P#4644497

no Roman Golyan

Total To Carry Forward		

**Airframe**

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

DATE: 03/20/2025

MAKE: Piper
S/N: 2881479

MODEL: PA28-181
TACH: 1122.6

REG #: N501MA
TTAF: 1122.6

Signature	Certificate No.

Performed Database Updates IAW Garmin G1000 NXi Supplemental
Maintenance Manual (Rev.3), Paragraph 3.12.

Performed Operational Check with No Faults Found.

Roman N. Golyan

A&P#4644497

Roman Golyan

**Airframe**

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

DATE: 04/09/2025

MAKE: Piper
S/N: 2881479

MODEL: PA28-181
TACH: 1157.3

REG #: N501MA
TTAF: 1157.3

Removed and Replaced NLG Tire with ONE (1) NEW Goodyear Flight
Special II P/N# 606C61-6, and Inner Tube with ONE (1) NEW Aero Classic
Type III P/N# GL-6020B.
Work Performed IAW Piper PA-28-181 Maintenance Manual, Task 32-40-
00, Section 32, Page 2F17, 2F18, Paragraphs D,F.

Performed Operational Check with No Faults Found.

Zachary H. Gramling

A#4842507

Zachary Gramling



Airframe

MAKE: Piper
S/N: 2881479

DATE: 04/17/2025
MODEL: PA28-181
TACH: 1163.8

Performed Database Updates IAW Garmin G1000 NXi Supplemental
Maintenance Manual (Rev.3) Paragraph 3.12.
Performed Operational Check with No Faults Found.

Roman N. Golyan

A&P#4644497

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

REG #: N501MA
TTAF: 1163.8



MAKE: Piper
S/N: 2881479

Airframe

DATE: 04/23/2025
MODEL: PA28-181
TACH: 1174.6

Removed and Replaced Exterior Cabin Door Latch Handle with ON
Owner Provided NEW Handle.
Work Performed IAW Piper PA-28-181 Maintenance Manual, Chap
Paragraph D.

Performed Operational Check with No Faults Found.

Roman N. Golyan

A&P#4644497

8191 N Tamiami
Sarasota, FL 34
www.AEROMx-srq.com
(941) 303-8700
REG #: N
TTAF: 117

Roman N. Golyan

Total To Carry Forward		

Registration No.

and Remarks



MAKE: Piper
S/N: 2881479

Airframe

DATE: 07/07/2025

MODEL: PA28-181
TACH: 1225.5

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

REG #: N501MA
TTAF: 1225.5

Serviced Landing Gear Tires to Proper Pressures.
Work Performed IAW Piper Archer Maintenance Manual, Chapter 6,
Section 10 (Page.2).

Performed Operational Check with No Faults Found.

X'avier P. Gonsalves

A&P#5077217



MAKE: Piper
S/N: 2881479

Airframe

DATE: 07/22/2025

MODEL: PA28-181
TACH: 1237.8

8191 N Tamiami Trail
Sarasota, FL 34243
www.AEROMx-srq.com
(941) 303-8700

REG #: N501MA
TTAF: 1237.8

Pilot report mentioned plane pulls left during taxi. Found Rudder Trim Control Knob set all the way to left position. Adjusted Rudder Trim Knob to Neutral Position. Inspected NLG Steering Horn, Bungees, and Springs. Work Performed IAW Piper PA-28-181 Maintenance Manual Chapters 9 and 32.

Performed Taxi/Operational check with no faults found.

Roman N. Golyan

A&P#4644497

Roman Golyan

Total To Carry Forward			

and Remarks

SRQ Avionics

8191 N. Tamiami Trail B2 Sarasota, FL 34243

Date: 7/24/2025 Work Order: 20021

N501MA Model: PA-28-181 Make: PIPER SN: 288

IFR Recertification:

The Garmin GSU75 Altimeter #1 (PN:011-03094-C 4JQ049367) has been tested to an altitude of 20,000 feet. The automatic pressure altitude reporting equipment found to comply with App E of 14 CFR 43, and calibrated to 14 CFR 91.413. The Static Pressure system was tested and found to be operational. Ramp tested fully operational. IAW 91.227 operational. Ramp tested fully operational.

I certify all work done to the aircraft and components in accordance with the regulations of the Federal Aviation Administration and the work performed.

Harry E. Vergara

SRQ Avionics		Repair Station Number: QVGR957X	
Transponder Work Sheet			
Work Order Number: <u>20021</u>			
Make/Model: <u>GTX 345R</u>	P/N: <u>011-03303-41</u>	S/N: <u>3EH029156</u>	
Section I: Preliminary Inspection / Hidden Damage			
<small>Only an authorized inspector can perform this section. See Repair Station Poster.</small>			
<input checked="" type="checkbox"/> Preliminary Inspection Complied With.		<input type="checkbox"/> Hidden Damage Inspection Complied With. <u>N/A</u>	
Discrepancies Noted: <u>IFR Recert</u>			
Completed By: <u>Harry E. Vergara</u>		Date: <u>07/24/25</u>	
Section II: Corrective Action			
Corrective Action: <u>Performed IFR Recert IAW 91.411 + 91.413.</u>			
<u>Tested ADSB IAW 91.227.</u>			
Section III: Final Testing			
<small>Refer to Manufacturers Maintenance Manual for Test Specifications</small>			
Transponder Information and Tests			
Frequency: <u>1090.01 MHz</u>	Mode A MTL: <u>-78.2</u>	Power Output: <u>603.83 W</u>	
Reply (P1 P2): <u>PASS</u>	Reply (P2 db): <u>PASS</u>	Mode C MTL: <u>-78.2</u>	
Check Ident: <u>PASS</u>	F1 & F2 (ALT OFF): <u>PASS</u>	Check Mode A Codes: <u>PASS</u>	
Check Altitude Reporting			
Altimeter Reads (29.92): <u>0</u>	Feet	Mode C Reads: <u>0</u>	Feet
Encoder Tests			
Make/Model: <u>GARMIN GSU75</u>	P/N: <u>011-03094-00</u>	S/N: <u>3KY006171</u>	
0 feet: <u>0</u>	1100 feet: <u>1100</u>	1800 feet: <u>1800</u>	
6800 feet: <u>6800</u>	14800 feet: <u>14800</u>		
Mode "S" Transponders			
Mode "S" Diversity: <u>N/A</u>	Mode "S" Address: <u>PASS</u>	Mode "S" Formats: <u>PASS</u>	
Peak Power Selected Ant: <u>N/A</u>	Correct Address: <u>PASS</u>	UF=4 Altitude: <u>PASS</u>	
Unselected Antenna: <u>N/A</u>	Incorrect Address: <u>PASS</u>	UF=5 Address: <u>PASS</u>	
Mode "S" All Call Interrogations: <u>PASS</u>	ATCRBS - Only All Call Interrogations: <u>✓</u>	Squitter: <u>PASS</u>	
Correct Address Verified: <u>PASS</u>	.08 Microsecond P4: <u>PASS</u>	One per Second: <u>PASS</u>	
Capability Reported: <u>PASS</u>	Verify No Reply Generated: <u>PASS</u>		
1.6 Microseconds P4: <u>PASS</u>			
Completed By: <u>Harry E. Vergara</u>		Date: <u>07/24/25</u>	

and Remarks

Signature

Certificate No.

SRQ Avionics

8191 N. Tamiami Trail B2 Sarasota, FL 34243

Date: 7/24/2025 Work Order: 20021

N501MA Model: PA-28-181 Make: PIPER SN: 2881479 Hobbs time: 1239.9



IFR Recertification:

The Garmin GSU75 Altimeter #1 (PN:011-03094-00 SN: 3KY006171) and Garmin G5 Standby (PN: 011-03809-00 SN: 4JQ049367) has been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. The Automatic pressure altitude reporting equipment Garmin GSU75 (PN:011-03094-00 SN: 3KY006171) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. The transponder GTX345R (PN: 011-03303-41 SN: 3EH029156) was tested, inspected and found to comply with App F of 14 CFR 43 and 14CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14 CFR 91.411. Tested ADS-B IAW 91.227 operational. Ramp tested fully operational.

I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

A handwritten signature in black ink, which appears to read "Larry E. Viergever". The signature is written in a cursive, flowing style.

Larry Viergever for Sarasota Avionics Inc. QV0R957X

and Remarks

Signature

Certificate No.

P00107 (09-18-2025)

Page 2 / 3

- Removed and Replaced L/H and R/H Main Landing Gear Brake Liners with (4) FOUR NEW Rapco P/N# 066-10500 and Rivets with (8) EIGHT NEW Rapco P/N# 105-00200 IAW Piper PA-28-181 Archer Maintenance Manual Chapter 32, Section 32-40-00, Task 3.
- Adjusted Stabilator, Stabilator Trim, and Rudder Cable Tensions and Secured with (8) EIGHT NEW Safety Clips P/N# MS21256-1 IAW Piper PA-28-181 Archer Maintenance Manual Chapter 27, Section 27-20-00, Task 3 and Section 27-30-00, Tasks 3 and 5.
- Removed and replaced Cabin Entry Door Latch Exterior Handle with NEW customer supplied Handle. Work Performed IAW Piper PA-28-181 Archer Maintenance Manual Chapter 52, Section 52-10-00, Paragraph 4.
- Serviced Hydraulic Brake Reservoir with 5606 Hydraulic Fluid. Work performed IAW Piper PA 28-181 Maintenance Manual Chapter 12-10-00.
- Removed and replaced AC Compressor Idler Pulley with ONE (1) NEW Piper P/N# 85532-003 and Compressor Belt with ONE (1) NEW Piper P/N# 73965-027. Work Performed IAW Piper PA-28-181 Archer Maintenance Manual Chapter 21, Section 21-50-00, Pages 39 and 43-46.
- Cleaned and Lubricated Stabilator Trim Jack Screw IAW Piper PA-28-181 Maintenance Manual Chapter 27, Section 27-30-00, Task 3.
- Performed Corrosion Removal Procedure LH OB Flap. Primed and painted as required.
- Inspected and Applied Anti-chafe Tape to Oil Temperature Wire, Work performed IAW AC 43.13-1B - Acceptable Methods, Techniques, and Practices Chapter 11 Section 10 Paragraph 11-137.
- Removed Alternator Ground Cable and installed (1) ONE NEW Ring Terminal AMP P/N# 321598 IAW AC 43.13 1B change 1 Paragraph 11-98 i. Installed cable with (1) ONE NEW Bolt P/N# AN4-6A, (1) ONE NEW Nut P/N# MS21043-4 and (2) TWO NEW Washers P/N# AN960-416L IAW AC 43.13 1B change 1 Paragraph 7-40 i. Operational check ok with no faults found.
- Removed and Replaced Lower Right Cowl Nut-plate with ONE (1) NEW P/N# MS21059L08. Work performed IAW AC 43.13-1B - Acceptable Methods, Techniques, and Practices.
- Removed and Replaced Steering Horn Assembly with (1) ONE NEW Piper P/N# 63300-016, Close Tolerance Bolt with (1) ONE NEW P/N# NAS6604-36, and Clamp-up Bushing with (1) ONE NEW P/N# NAS73-4-003 IAW Piper PA-181 Maintenance Manual Chapter 32, Section 32-20-00, Task 2.
- Removed and replaced Engine Air Filter with (1) ONE NEW Brackett P/N# BA-3.
- Replaced Magnetometer inspection plate dipnuts with (4) NEW P/N# MM4002-08C1.

P00107 (09-18-2025)

Page 3 / 3

I certify that the Airframe identified above has been repaired as described in accordance with current Federal Aviation Regulations and are approved for return to service. All work was performed in accordance with applicable manufacturer instructions and FAA guidelines.

DATE: 09-18-2025

SIGNED:

Roman Golyan

Roman Golyan
Airframe & Powerplant: 4644497

WORK ORDER: P00107

Printed by EBIS (EBISCloud.com)

MAKE: PIPER AIRCRAFT INC
MODEL: PA-28-181
S/N: 2881479
REG. NO: N501MA



8191 N. TAMiami TrL.
HANGAR B4
SARASOTA, FL 34243

W/O #: P00107
DATE: 09-18-2025
TTAF: 1254.4
TACH: 1254.4

Airframe Entries

- Removed and Replaced Cracked Engine Baffle with ONE (1) NEW Piper P/N# 109018-003, And ONE (1) NEW Piper P/N# 109018-013, Work performed IAW Piper PA-28-181 Maintenance Manual Chapter 70-00-00.
- Removed and replaced Alternator System Components: Alternator with ONE (1) NEW Piper P/N# 602-483, Alternator Idle Pulley with ONE (1) NEW Piper P/N# 85532-003, Idle Pulley Washers with TWO (2) NEW Piper P/N# 62833-082, Alternator Support with ONE (1) NEW Piper P/N# 106972-004, Alternator Support Arm Assembly with ONE (1) NEW Piper P/N# 79886-015, Alternator Support Clevis with ONE (1) NEW Piper P/N# 79886-016, Alternator Belt with ONE (1) NEW Piper P/N# 73965-030, Alternator Attaching Bolts with ONE (1) NEW P/N# AN4H20A and ONE (1) NEW P/N# AN5H-6A. Work Performed IAW Piper PA-28-181 Archer Maintenance Manual Chapter 24, Section 24-30-00, Paragraph 8.

I certify that the Airframe identified above has been repaired as described in accordance with current Federal Aviation Regulations and are approved for return to service. All work was performed in accordance with applicable manufacturer instructions and FAA guidelines.

DATE: 09-18-2025

SIGNED:

Nicholas Ranaldo
Airframe & Powerplant: 3653259

WORK ORDER: P00107

Printed by EBIS (EBISCloud.com)

P00107 (09-18-2025)

MAKE: PIPER AIRCRAFT INC
MODEL: PA-28-181
S/N: 2881479
REG. NO: N501MA



8191 N. TAMiami TrL.
HANGAR B4
SARASOTA, FL 34243

W/O #: P00107
DATE: 09-18-2025
TTAF: 1254.4
TACH: 1254.4

Airframe Entries

- Performed Annual Inspection. Cleaned aircraft interior and exterior. Removed aircraft interior and exterior panels to facilitate inspection. Inspected and lubricated flight controls, attach points, actuators, cables, pulleys, bell cranks and hinges. Cables checked for proper tension and routing. Flight control deflection and operational check ok. Fuel, fuselage, cabin, wings, empennage, tail, electrical and radio groups inspected. Tested ELT per FAR 91.207(d) with the next battery replacement due 01/2027. The airframe identified above has been Inspected in accordance with Piper Aircraft Inc. PA28-181 Scheduled Maintenance 100 Hour/Annual Inspection checklist.

Airworthiness directives have been found to be in compliance at this time. I certify that the airframe identified above has been Inspected in accordance with current Federal Aviation Regulations and is approved for return to service.

DATE: 09-18-2025

SIGNED:

Nicholas Ranaldo
Airframe & Powerplant/Inspection Authorization: 3653259

WORK ORDER: P00107

Printed by EBIS (EBISCloud.com)