

# ENGINE LOG



**LYCOMING<sup>®</sup>**

## New Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number	ENPL-RT10913
Serial Number	L-38592-51E
Engine Model	IO-360-B4A
Work Order	KM768546
Total Time	0

Louis L. Adams 11/19/2020  
Authorized Representative Date

Production Certificate #3

## ENGINE DESCRIPTION

Manufacturer: LYCOMING, WILLIAMSPORT, PA Serial No. L-38592-51E

Horsepower: 180

Model: IO-360-B4A FAA T. C. No. 1E10

[illegible]

# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

Chester County Aviation

1 Earhart Drive, Suite 4

Coatesville, PA, 19320

Make: Piper  
Order No.: 11624  
S/N:

Model: PA-28-181  
Tach Time: 23.80

Reg. No.: N501MA  
Completed: 08/16/21  
TTAF:

Drained oil and took sample for Aviation Oil Analysis (AOA). Completed analysis paperwork and submitted. Serviced with 8 quarts Phillips 20W50 type M mineral oil. Replaced CH48110-1 oil filter with new. Cut open old filter and inspected; okay, no contaminants noted. Jacob Sarac A&P 4445470

*[Signature]*



200 Airport Drive, Westminster, Maryland 21157

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

Engine 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		

- 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 *[Signature]* for Skytech, Inc., 200 Airport Dr., Westminster, MD 21157

CRS# LF1R294K

26889

INVOICE /  
WORK ORDER  
NO. 26889

**FAA Repair Station # F-10896**  
3439 South Aviation Drive  
Burlington, NC 27215  
Telephone (336) 227-1467

**NAME CHESTER COUNTY AVIATION**  
**ADDRESS 1 EARHART DR SUITE 1**  
**COATESVILLE, PA 19320**

MAKE	LYCOMING	DATE	11/29/2011
MODEL	IO-360-B4A	WRITTEN BY	R.M.B.
REGISTRATION NO.	N501MA	P.O. NO.	
SERIAL NO.	L-38592-51E	TACHOMETER	54.5

INSTRUCTIONS/WORK DESCRIPTION		
<p>Disassemble Lycoming IO-360-B4A Engine Serial Number L-38592-51E.  Disassembled Lycoming IO-360-B4A Engine Serial Number L-38592-51E. Cleaned, inspected,  and repaired as needed. Replaced parts as listed. IAW Lycoming Overhaul Manual and FAA  Regulations.</p> <p>Reassembled and test ran.</p> <p>Magnetos - P/N 4373 S/Ns 21030871 &amp; 21030872 - New from Champion (Inv# 30915)  <i>CW 98-02-08 dated 03/30/1998 To prevent crankshaft failure CW per SB 505B &amp; 530B CW  2004-10-14 C dated 06/25/2004 To prevent loosening or failure of the crankshaft gear  retaining bolt CW per SB 475C CW 2015-19-07 dated 11/03/2015 To prevent failure of the  fuel injector fuel lines CW per SB 342G CW 2017-16-11 dated 08/15/2017 To prevent  connecting rod failure which could result in uncontained engine failure Inspected per SB  632B</i></p> <p>This engine and/or component is approved for return to service. All pertinent  details on file this repair station. TRIAD AVIATION, INC. FAA REPAIR  STATION # PPR448M.  Signed: <u><i>Thomas R. Hesketh</i></u> Date: 01-12-2022</p>		<p>Magnetos</p>
<p>I hereby authorize the following work to be done along with the  necessary material, and hereby grant you and/or your employees  permission to operate and fly the aircraft herein described for the  purpose of testing and/or inspection. An express mechanic's lien is  hereby acknowledged on above aircraft to secure the amount of  repairs thereto.</p> <p>You will not be held responsible for loss or damage to the aircraft or  articles left in the aircraft in case of fire, theft, or any other cause  beyond your control.</p> <p>X</p>		<p>ENGINE LABOR</p> <p>TOTAL PARTS</p> <p>MISCELLANEOUS PARTS</p> <p>ENGINE TRANSPORTATION</p> <p>TAX</p> <p>TOTAL</p>

**Disassemble Lycoming IO-360-B4A Engine Serial Number L-38592-51E.**

Disassembled Lycoming IO-360-B4A Engine Serial Number L-38592-51E. Cleaned, inspected, and repaired as needed. Replaced parts as listed. IAW Lycoming Overhaul Manual and FAA Regulations. Reassembled and test ran.

Magnetos - P/N 4373 S/Ns 21030871 & 21030872 - New from Champion (Inv# 30915)

*CW 98-02-08 dated 03/30/1998 To prevent crankshaft failure CW per SB 505B & 530B CW 2004-10-14 C dated 06/25/2004 To prevent loosening or failure of the crankshaft gear retaining bolt CW per SB 475C CW 2015-19-07 dated 11/03/2015 To prevent failure of the fuel injector fuel lines CW per SB 342G CW 2017-16-11 dated 08/15/2017 To prevent connecting rod failure which could result in uncontained engine failure Inspected per SB 632B*

Test run engine - Test ran engine 2 hours 15 minutes, RPM 2700, oil pressure 80, oil temp 180, CHT 350. Mag drop at 2100 L 120 RPM, R 120 RPM. Compression test cylinder #1 79/80 #2 79/80 #3 79/80 #4 79/80.

This engine and/or component is approved for return to service. All pertinent details on file at this repair station.  
WO# 26889

**TRIAD  
AVIATION**

Triad Aviation, Inc.  
Burlington Municipal Airport  
3439 South Aviation Drive  
Burlington, NC 27215  
336-227-1467

*[Signature]*  
Authorized Signature

01/12/2022

Date

Recorder Reading	Maintenance
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Drive, Suite 4  
 6-181  
 23.80  
 Completed analysis paperwork and submitted. Service  
 448110-1 oil filter with new. Cut open old filter and  
 445470

Coatesville, PA, 19320

Reg. No.: N501MA  
 Completed: 08/16/21  
 TTAF:

200 Airport Drive, Westminster, Maryland 21157

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

IA	W/O: 01WO-1050	Date: October 27, 2021
9	ACTT: 54.5	HOBBS: 54.5
2-51E	ETSN: 54.5	

cut open oil filter - NDN. Removed oil sump suction screen from engine,  
 w oil filter p/n CH48110-1. Serviced engine with 8 quarts of Aeroshell 15W-50  
 filter/screen content inspection performed per Lycoming SB 480F.  
 tailpipe aft bracket hardware IAW Piper PA-28-181 AMM chapter 20-00-00.  
 A-28-181 AMM chapter 76-10-00.  
 A-28-181 AMM chapter 24-30-00.  
 nsion IAW Piper PA-28-181 AMM chapter 21-50-00.

ed and inspected in accordance with current Federal Aviation Regulations and  
e work performed. Pertinent details of the repair are on file at this agency under

## WARNING

When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs.  
Use only the installation hardware provided.  
Secure nut with appropriate cotter pin.

**FAA-PMA Approved**

s magneto was manufactured from all new components in accordance with 14 CFR 121.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in Champion/Slick L-1318 Document in the F-1100 Master Service Manual. For LASAR® magnetos, see L-1500 Manual.

er magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Neto Model No. 4373

Neto Serial No. 24030871

### of Installation

43

March 30, 2009

[illegible]

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2004-10-1  
475C CW  
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and Remarks

Signature

Certificate No

Minister, Maryland 21157

/ Fax: (410) 848-6451

October 27, 2021

in engine,  
oshell 15W-50  
30F.  
oter 20-00-00.

Regulations and  
this agency under

LF1R294K

## Chester County Aviation

1 Earhart Drive, Suite 4

Coatesville, PA, 19320

Make: Piper  
Date: 03/04/22

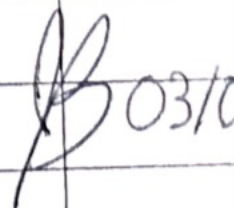
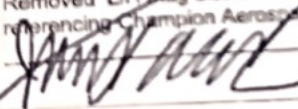
Model: PA-28-181  
S/N:

Reg. No.: N501MA  
TTAF:  
S/N:

## Engine Log

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 BK75514 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.

Removed L/H mag distributor and removed Cyl #1 top ignition wire, crimped new wire and reinstalled. Work done referencing Champion Aerospace L-1499B Maintenance manual. Jacob Sarac A&P 4445470





# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
<b>Chester County Aviation</b>	<b>1 Earhart Drive, Suite 4</b>		<b>Coatesville, PA, 19320</b>	
Make: Piper	Model: PA-28-181		Reg. No.: N501MA	
Date: 03/04/22	S/N: 2881479		Tach Time: 54.50	
Engine Log	Type: IO360B4A		S/N: L-38592-51E	
	Total Time: 59.7		SOH: 59.7	
<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.</p> <p>Removed L/H mag distributor and removed Cyl #1 top ignition wire, crimped new wire and reinstalled. Work done referencing Champion Aerospace L-1499B Maintenance manual. Jacob Sarac A&amp;P 4445470</p> <p><i>[Signature]</i></p>				
<b>Chester County Aviation</b>	<b>1 Earhart Drive, Suite 4</b>		<b>Coatesville, PA, 19320</b>	
Make: Piper	Model: PA-28-181		Reg. No.: N501MA	
Date: 04/18/22	S/N: 2881479		Tach Time: 61.60	
Engine Log	Type: IO360B4A		S/N: L-38592-51E	
<p>Drained oil and took sample for analysis. Completed analysis paperwork and submitted. Serviced with 8 quarts Phillips 20W50X/C oil and Lycoming oil additive. Replaced CH48110-1 oil filter with new. Cut open old filter and inspected, okay, no contaminants noted. Removed oil cooler thermostat and replaced with New P/N 53E22144. Inspected and safetied. Work done referencing Piper PA28-181 AMM section 79-20-00 Jacob Sarac A&amp;P 4445470</p> <p><i>[Signature]</i></p>				
<b>Carry Forward</b>				

and Remarks			Signature	Certificate No.
<b>Chester County Aviation</b>	<b>1 Earhart Drive, Suite 4</b>	<b>Coatesville, PA, 19320</b>		
Make: Piper	Model: PA-28-181	Reg. No.: N501MA		
Date: 05/04/22	S/N: 2881479	TTAF:		
Engine Log	Type: IO360B4A	S/N: L-38592-51E		
Drained oil and took sample for analysis. Completed analysis paperwork and submitted. Serviced with 8 quarts Aeroshell W100 oil. Replaced AA48110-2 oil filter with new. Cut open old filter and inspected; okay, no contaminants noted. Austin D. Engel A&P 4434690 <i>Austin D. Engel</i>				
<b>Chester County Aviation</b>				
<b>1 Earhart Drive, Suite 4</b>				
<b>Coatesville, PA, 19320</b>				
Make: Piper	Model: PA-28-181	Reg. No.: N501MA		
Date: 05/04/22	S/N: 2881479	TTAF:		
Engine Log	Type: IO360B4A	S/N: L-38592-51E		
Disconnected ignition leads, removed spark plugs. Cleaned, gapped, tested, rotated and reinstalled/torqued spark plugs with new M-674 gaskets and anti seize compound, reinstalled and torqued ignition leads. Work done referencing Lycoming Service Table of Limits part 1, section V, item 907. Jacob Sarac A&P 4445470 <i>[Signature]</i>				
<b>Chester County Aviation</b>				
<b>1 Earhart Drive, Suite 4</b>				
<b>Coatesville, PA, 19320</b>				
Make: Piper	Model: PA-28-181	Reg. No.: N501MA		
Date: 07/06/22	S/N: 2881479	Tach Time: 125.70		
Engine Log	Type: IO360B4A	S/N: L-38592-51E		
Drained oil and took sample for analysis. Completed analysis paperwork and submitted. Serviced with 8 quarts Aeroshell W100 Plus oil. Replaced AA48110-2 oil filter with new. Cut open old filter and inspected; okay, no contaminants noted. Disconnected ignition leads, removed spark plugs. Cleaned, gapped, tested, rotated and reinstalled/torqued spark plugs with new M-674 gaskets and anti-seize compound, reinstalled and torqued ignition leads. Austin D. Engel A&P 4434690 <i>Austin D. Engel</i>				

# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward	Chester County Aviation	1 Earhart Drive, Suite 4	Coatesville, PA, 19320
		Make: Piper	Model: PA-28-181	Reg. No.: N501MA
		Date: 08/03/22	S/N: 2881479	Tach Time: 139.70
		Engine Log	Type: IO360B4A	S/N: L-38592-51E
		<p>Drained oil and took sample for analysis. Completed analysis paperwork and submitted. Serviced with 8 quarts Aeroshell W100 Plus oil. Replaced AA48110-2 oil filter with new. Cut open old filter and inspected; okay, no contaminants noted. Disconnected ignition leads, removed spark plugs. Cleaned, gapped, tested, rotated and reinstalled/torqued spark plugs with new M-674 gaskets and anti-seize compound, reinstalled and torqued ignition leads. 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.;</p> <p>Joshua M. Rauch A&amp;P 3214776 IA </p>		
		Chester County Aviation	1 Earhart Drive, Suite 4	Coatesville, PA, 19320
		Make: Piper	Model: PA-28-181	Reg. No.: N501MA
		Date: 10/03/22	S/N: 2881479	Tach Time: 139.70
		Engine Log	Type: IO360B4A	S/N: L-38592-51E
		<p>Drained oil and took sample for analysis. Completed analysis paperwork and submitted. Serviced with 8 quarts Aeroshell W100 oil and Lycoming additive. Replaced CH48110-1 oil filter with new. Cut open old filter and inspected; okay, no contaminants noted. Work done referencing Piper Pa28-181 AMM Chapter 79. Disconnected ignition leads, removed spark plugs. Cleaned, gapped, tested, rotated and reinstalled/torqued spark plugs with new M-674 gaskets and anti-seize compound, reinstalled and torqued ignition leads. Work done referencing Lycoming Service Type of Limits.</p> <p>Jacob Sarac A&amp;P 4445470 </p>		
Total To Carry Forward				

[illegible]

# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought			

SARASOTA  
AVIONICS  
& MAINTENANCE



N501MA  
Model: Piper PA-28-181

DATE: 1/19/2023  
SN: 2881479

Hobbs: 246.2 Tach: 346.6  
Engine

- Drained and serviced engine oil w/ 8 quarts AeroShell W100Plus. Removed and replaced engine oil filter with new unit P/N AA48110-2. Took oil sample and send it to BlackStone for oil analysis. Inspect old oil filter, no discrepancies noted. Post run/leak check good.
- Adjusted and safety wired oil dipstick tube.

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: S820091

Tota  
Carr

Gilbert Fernando Perez Hernandez A&P 3441624

and Remarks

Signature

Certificate No.

**SARASOTA  
AVIONICS  
& MAINTENANCE**



**B  
ABS  
ACADEMY**

**MOONEY**

N501MA  
Model: Piper PA-28-181

DATE: 2/21/2023  
SN: 2881479

Hobbs: 233.3 Tach: 405.0  
Engine

- Drained and serviced engine oil w/ 3 quarts AeroShell W100Plus. Removed and replaced engine oil filter with new unit P/N AA48110-2. Inspect old oil filter, no discrepancies noted. Post run/leak check good.

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

# ENGINE LOG



N501MA  
Model: Piper PA-28-181

DATE: 03/28/2023  
SN: 2881479

Hobbs: 446.3 FT: 319.2  
Engine

- Drained and serviced engine oil w/ 8 quarts W100PLUS. Removed and installed new oil filter AA48110-2. Opened and inspected old filter no discrepancies noted. Took oil sample and sent to Blackstone for analysis. Post engine run / leak check good.

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.



Ryan Oster A&P : 3804705

Total To Carry Forward				

and Remarks

Signature

Certificate No.



N501MA  
Model: Piper PA-28-181

DATE: 4/26/2023  
SN: 2881479

Tach: 490.6  
Engine

- Drained and serviced engine oil w/ 8 quarts AeroShell W100Plus. Removed and replaced engine oil filter with new unit P/N AA48110-2. Took an oil sample and send it to BlackStone for analysis. Inspect old oil filter, no discrepancies noted. Post run/leak check good.

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: S822813

A handwritten signature in blue ink, appearing to read "Gilbert", is written over a horizontal line.

Gilbert Fernando Perez Hernandez A&P 3441624

# ENGINE LOG



N501MA  
Model: Piper PA-28-181

DATE: 5/30/2023  
SN: 2881479

Tach: 540.8  
Engine

- Drained and serviced engine oil w/ 8 quarts AeroShell W100Plus. Removed and replaced engine oil filter with new unit P/N AA48110-2. Took an oil sample and send it to BlackStone for analysis. Inspect old oil filter, no discrepancies noted. Post run/leak check good.

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: S823514

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

Gilbert Fernando Perez Hernandez A&P 3441624

Total To  
Carry Forward

and Remarks

Signature

Certificate No.



N501MA  
Model: Piper PA-28-181

DATE: 7/5/2023  
SN: 2881479

Tach: 592.0  
Engine

- Drained and serviced engine oil w/ 8 quarts AeroShell W100Plus. Removed and replaced engine oil filter with new unit P/N AA48110-2. Took an oil sample and send it to BlackStone for analysis. Inspect old oil filter, no discrepancies noted. Post run/leak check good.

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: S824186

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

Gilbert Fernando Perez Hernandez A&P 3441624

# ENGINE LOG

wo: WO\_12 SO S825446

Engine - page 1 of 1



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

**N501MA**

**LYCOMING, IO-360-B4A, S/N: L-38592-51E**

**September 01, 2023**

Flight Time: 447.7

HOBBS: 623.9

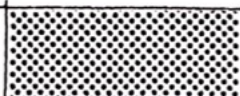
1. Changed Oil and Filter with 8 quarts Phillips 20/50 and a CH48-110-1 oil filter. Installed P/N CH48110-1 - Oil Filter, Installed (8) P/N W100PLUS - Aeroshell Oil, Installed P/N OilDisp - Oil Disposal.
2. Removed & replaced all 8 spark-plugs with new REM38E. Installed (8) P/N M674 - Spark Plug Gasket.
3. Took oil sample and sent to Blackstone for analysis. Installed P/N BlackStone - Oil Sample.
4. Compression test as follows #1 78/80 #2 78/80 #3 78/80 #4 78/80.
5. Removed and replaced oil return tubes with new. Performed operational check as required . No leaks Installed (4) P/N SL-STD-2180 - OIL RETURN LINE HOSE.
6. Removed and replaced left magneto gasket with new. Time magneto with engine as required.
7. Safetied quick drain as required.
8. AD's complied with bi-weekly

I certify that this ENGINE 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

A handwritten signature in black ink, appearing to read "Sean Passinault", written over a horizontal line.

Total To  
Carry Forward





No.

N501MA  
Model: Piper PA-28-181

DATE: 11/30/2023  
SN: 2881479

Tach: 666.2  
Engine

- Drained and serviced engine oil w/ 8 quarts AeroShell W100Plus. Removed and replaced engine oil filter with new unit P/N CH48110-1. Took an oil sample and send it to BlackStone for analysis. Inspect old oil filter, no discrepancies noted. Post run/leak check good.

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: S827294

Gilbert Fernando Perez Hernandez A&P 3441624



Venice Municipal Airport (VNC)  
120 West Airport Ave  
Venice, FL 34285

Maintenance

NS01MA	Piper PA-28-181	2881479		
TACH	696.6	HOBBS	500.1	12-29-2023

- Remove cowling
- Repair alternator A+ wire
- Replace alternator ground wire, secure wiring bundle
- Test run aircraft to ensure proper operation of alternator charging system
- Install cowlings

*Mathew Davis*

Mathew Davis A&P No. 4473065

Total To Carry Forward				

and



Certificate No.

PIPER PA28-181N501MAS.N. 2881479DATE: 3-29-2024HOEBS:556.4

Customer reported that the Alternator annunciator was coming on. Troubleshoot and Found Alternator INOP Switch was bad; Installed Alternator INOP Switch P/N A-00258-2 S/N 81035912; Replaced Alternator Fuse P/N GMV1A. 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&amp;P 372 1583



NS10MA  
Model: PIPER PA-28-181

DATE: 02/06/2024  
SN: 2881479

Hobbs: 517.1 FT:  
Engine

- Drained and serviced engine oil w/ 7 quarts W100 PLUS. Removed and replaced engine oil filter with new unit P/N CH48110-1. Inspect old oil filter, no discrepancies noted. Took oil sample and sent it to BlackStone for oil analysis. Post run/leak check good.
- Stop drilled crack on engine baffling.

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: S828398

Ryan Oster A&P : 3804705

Total To Carry Forward			



N501MA  
Model: Piper PA-28-181

DATE: 3/15/2024  
SN: 2881479

Tach: 761.5  
Engine

- Drained and serviced engine oil w/ 7 quarts AeroShell W100Plus. Removed and replaced engine oil filter with new unit P/N AA48110-2. Took an oil sample and send it to BlackStone for analysis. Inspect old oil filter, no discrepancies noted. Post run/leak check good.

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: S829170

Jose Noreto Valladares A&P 3523206

# ENGINE LOG



N501MA  
Model: Piper PA-28-181

DATE: 4/30/2024  
SN: 2881479

Hobbs: 576.8  
Engine

- Drained and serviced engine oil w/ 7 quarts AeroShell W100Plus. Removed and replaced engine oil filter with new unit P/N AA48110-2. Took an oil sample and send it to BlackStone for analysis. Inspect old oil filter, no discrepancies noted. Post run/leak check good.

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: S830347

Jose Noreto Valladares A&P 3523206

Total To Carry Forward			
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Page 1 of 1

**SARASOTA SAVIONICS  
& MAINTENANCE**

2.

LYCOMING, IO-360-B4A, S/N: L-38592-51E  
MX HOBBS: 582.6

May 29, 2024

1. Run up aircraft, removed cowlings and inspected it for leaks. No leaks noticed at this time.
2. Removed, cleaned, inspected, gapped & rotated spark plugs as required.
3. Performed engine compressions check. Results: #1 74/80, #2 76/80 #3 70/80. #4 72/80.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sarasota Avionics under work order: WO 12 SO S830893.

Jose Valladares A&P 3523206

cs under work order: WO212 SO S

# MAINTENANCE RELEASE

# SERVICEABLE PARTS TAG

As required or as directed

overhauled per type Mfr Manual

This tag must be used in accordance with Federal Aviation Administration Regulations. Approved for return to service. All parts on work order # 6142  
On record at Eagle Magnetics Inc.

Manufacturer Boeing TCM • Make/Champion Model 4373

Serial Number 21030821

Part Number \_\_\_\_\_

Name Schmitt

has A/D compliance record dated \_\_\_\_\_

Signed \_\_\_\_\_

Card # 2688117

Date 08-15-2011

Eagle Magnetics Inc.

414 United Drive, New Smyrna Beach, FL 32168

Office 386-483-4710 Cell 386-234-3132

[www.eagle-magnetics.com](http://www.eagle-magnetics.com)

**SARASOTA AVIONICS  
& MAINTENANCE**

Sarasota Avionics · 8191 N. Tamiami Trail · Sarasota, FL 34243 737-225-8859

**N501MA****BILLING HOBBS:**  
856.7**LYCOMING, IO-360-B4A, S/N: L-38592-51E****MX HOBBS: 618.7****August 22, 2024**

1. Complied with 100hr/Annual inspection on this engine.
2. Drained and serviced engine oil w/ 7 quarts AeroShell W100PLUS. Removed and replaced engine oil filter with new unit P/N AA48110-2. Took oil sample and sent it to BlackStone for analysis. Inspect old oil filter, no discrepancies noted. Post run/leak check good Installed (7) P/N W100PLUS - Aeroshell Oil, Installed P/N AA48110-2 - oil filter.
3. Compression Test Results: #1 68/80 #2 60/80 #3 73/80 #4 78/80.
4. Removed, cleaned, gapped and tested spark plugs. Rotated & re-installed spark-plugs with new gaskets. Installed (8) P/N M674 - Spark Plug Gasket.
5. Removed LH & RH magnetos for internal 500hr inspection. RH MAGNETO S N 21030872, LH MAGNETO S/N 21030871.
6. Re-installed & re-timed both mags to engine after 500hr inspection. Magnetos inspected by Eagle Magnetos under WO# 6142.
7. Removed and replaced cylinder #1 and #2 oil return lines hose with new. Installed (2) P/N STD-1821 - HOSE.
8. Replaced oil pressure switch gasket with new crush gasket Installed P/N AN900-16 - COPPER CRUSH GASKET.
9. Complied with AD 2015-19-07 IAW MSB No. 342G.

"I certify that this engine 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 engine 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&amp;P IA 3441624



Eagle Magnetco Inc  
 Signed: [Signature] Cert# 10268866 217 Date 08-15-2024  
 Notes: 500 hr comp See AD compliance record dated \_\_\_\_\_  
 Serial Number 21030872 Part Number \_\_\_\_\_  
 Manufacturer: Bendix/TCM ☒ Slick/Champion Model 4375  
 On record at Eagle Magnetco Inc.  
 Regulations: Approved for return to service. All parts on work order # 6142  
 This magnetco was tested in accordance with Federal Aviation Administration  
☒ repaired as necessary overhauled per engine Mfg Manual  
 MAINTENANCE RELEASE SERVICEABLE PARTS TAG

5. Removed both A & H magnetos for internal engine inspection. Found no issues. NETO S/N 21030871.
  6. Re-installed & re-timed both mags to engine after 500hr inspection. Magnetos under WO# 6142.
  7. Removed and replaced cylinder #1 and #2 oil return lines with new HOSE.
  8. Replaced oil pressure switch gasket with new crush gasket. In stock CRUSH GASKET.
  9. Complied with AD 2015-19-07 IAW MSB No. 342G.
- "I certify that this engine has been inspected IAW an Annual 1500 hour inspection in airworthy condition at this time."  
 With respect to the work performed, this engine is approved for return to service. All records are on file with Sarasota Avionics under work order: WO# 12160.

Gilbert Perez Hernandez A&P IA 3441624

[Signature]



## Engine

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 303-8700

DATE: 09/27/2024

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 918.3

REG #: N501MA  
TTAF: 918.3  
SNEW: 918.3

Removed and Replaced Oil Return Hoses on Cylinders #1 and #2 with TWO 2 NEW Lycoming P/N# SL-STD-1821, and Hose Clamps With FOUR (4) NEW Lycoming LW-15592-5-05.  
Work Performed IAW Lycoming 320 Maintenance Manual Section 5 Paragraph 4

Performed Operational check with no faults found.

Jerome W. Miles

P#4629918



## Engine

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 303-8700

DATE: 10/04/2024

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 928.9

REG #: N501MA  
TTAF: 928.9  
SNEW: 928.9

Performed Oil Change.  
Serviced with (8) EIGHT Quarts AeroShell W100 Plus and (1) ONE NEW Champion P/N# CH48110-1.  
Work Performed IAW Piper-28-181 Maintenance Manual Chapter 12, Section B, Task 6.

Performed Operational Check, No faults found.

Roman N. Golyan

A&P#4644497



## Engine

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROmx-srq.com](http://www.AEROmx-srq.com)  
(941) 303-8700

DATE: 11/19/2024

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 986.8

REG #: N501MA  
TTAF: 986.8  
SNEW: 986.8

Performed Oil Change.  
Serviced with (8) EIGHT Quarts AeroShell W100 Plus and (1) ONE NEW  
Champion P/N# CH48110-1.  
Work Performed IAW Piper-28-181 Maintenance Manual Chapter 12, Sec-  
tion B, Task 6.

Performed Operational Check, No faults found.

Roman N. Golyan

A&P#4644497

*Roman Golyan*

Total To Carry Forward		



## Engine

DATE: 01/10/2025

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 1036.3

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROmx-srq.com](http://www.AEROmx-srq.com)  
(941) 303-8700  
REG #: N501MA  
TTAF: 1036.3  
SNEW: 1036.3

Performed Oil Change.  
Serviced with (8) EIGHT Quarts AeroShell W100 Plus and (1) ONE NEW  
Champion P/N# CH48110-1.  
Work Performed IAW Piper-28-181 Maintenance Manual Chapter 12, Sec-  
tion B, Task 6.

Performed Operational Check, No faults found.

Jerome W. Miles

P#4629928

*Jerome W. Miles*



## Engine

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 303-8700

DATE: 01/13/2025

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 1038.2

REG #: N501MA  
TTAF: 1038.2  
SNEW: 1038.2

Removed, cleaned and reinstalled Oil Temperature Bulb.  
Work performed IAW Piper PA 28-181 Maintenance Manual Chapter 79-30-00.

Performed operational check with no faults found.

Jerome W. Miles

P#4629928



## Engine

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 303-8700

DATE: 03/13/2025

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 1105.1

REG #: N501MA  
TTAF: 1105.1  
SNEW: 1105.1

Performed Oil Change.  
Serviced with SEVEN (7) QUARTS Aeroshell W100 Plus and ONE (1) NEW Champion CH48110-1, Filter.  
Work performed IAW Piper PA-28-181 Maintenance Manual, Chapter 12, section B, Task 6.

Performed operational check with no faults found.

Jerome W. Miles

P#4629928



## Engine

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 303-8700

DATE: 04/08/2025

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 1153.1

REG #: N501MA  
TTAF: 1153.1  
SNEW: 1153.1

### Performed Oil Change.

Serviced with SEVEN (7) QUARTS Aeroshell W100 Plus and ONE (1)

NEW Champion CH48110-1, Filter.

Work performed IAW Piper PA-28-181 Maintenance Manual, Chapter 12,  
section B, Task 6.

Performed operational check with no faults found.

Jerome W. Miles

P#4629928



## Engine

DATE: 04/08/2025

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 1153.1

REG #: N501  
TTAF: 1153.1  
SNEW: 1153.1

Removed and Replaced Fuel Flow Transducer with ONE (1) NEW Piper  
P/N# 84522-003, S/N# 244939, K Factor Set to (2457).  
Work Performed IAW Piper PA-28-181 Maintenance Manual, 28-20-12

Performed Operational Check with No Faults Found.

Jerome W. Miles

P#4629928

Total To Carry Forward		



**MAINTENANCE**

## Engine

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 303-8700

DATE: 06/11/2025

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 1203.8

REG #: N501MA  
TTAF: 1203.8  
SNEW: 1203.8

and Remarks

Performed Oil Change.  
Serviced with (7) EIGHT Quarts Aeroshell W100 Plus and (1) ONE NEW  
Champion P/N# CH48110-1.  
Work Performed IAW Piper-28-181 Maintenance Manual, Chapter 12,  
Section B, Task 6.

Performed Operational Check, No Faults Found.

X'avier Gonsalves

A&P#5077217



## Engine

DATE: 06/16/2025

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 303-8700

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 1211.8

REG #: N501MA  
TTAF: 1211.8  
SNEW: 1211.8

Torqued and Safetied Oil Filler Tube.  
Work Performed IAW Lycoming 0-360 Maintenance Manual, Chapter 72-00-09.

Performed Operational Check with No Faults Found.

Jerome W. Miles

P#4629918



## Engine

DATE: 07/28/2025

8191 N Tamiami Trail  
Sarasota, FL 34243  
[www.AEROMx-srq.com](http://www.AEROMx-srq.com)  
(941) 303-8700

MAKE: Lycoming  
S/N: L-38592-51E

MODEL: IO-360-B4A  
TACH: 1246.1

REG #: N501MA  
TTAF: 1246.1

Performed Oil Change.

Performed Oil Change. Serviced with (7) SEVEN Quarts Aeroshell W-100 Plus and (1) ONE NEW Tempest P/N# AA48110-2. Inspected Old Filter with No Contamination Found.

Work Performed IAW Piper-28-131 Maintenance Manual, Chapter 12 Section B, Task 6.

Performed Operational Check with No Faults Found.

Roman N. Golyan

A&P#4644497

*Roman Golyan*

Total To Carry Forward		

and Remarks

Signature

Certificate No.

P00107 (09-18-2025)

Page 1 / 1

MAKE: PIPER AIRCRAFT INC  
MODEL: PA-28-181  
S/N: 2881479  
REG. NO: N501MA  
ENG. MAKE: LYCOMING  
ENG. MODEL: IO-360-B4A  
ENG. SN: L-38592-51E



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

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

### Engine Entries

- Performed Inspection/Check on Crankshaft Propeller Flange Run-Out. Work Performed IAW Lycoming Service Bulletins SB-533C, SB-240 and Lycoming Service Table of Limits - SSP-1776.
- Removed and replaced Engine Cylinder Valvetrain Components: Rocker Shaft Buttons with EIGHT (8) NEW Lycoming P/N# LW-12892, and Rocker Box Cover Gaskets with FOUR (4) NEW Lycoming P/N# 06B26669. Removed and replaced Rocker Box Cover on Cylinder #4 with ONE (1) NEW Lycoming P/N# 61247. Complied with Lycoming Service Instruction No. 1425A. Checked Dry Tappet Clearance. Work performed IAW Instructions listed in Service Instruction and Lycoming Direct Drive Overhaul Manual 6 Pages 6-1 thru 6-24.

I certify that the Engine 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  
Airframe & Powerplant: 4644497

WORK ORDER: P00107

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# ENGINE LOG

P00107 (09-18-2025)

MAKE: PIPER AIRCRAFT INC  
MODEL: PA-28-181  
S/N: 2881479  
REG. NO: N501MA  
ENG. MAKE: LYCOMING  
ENG. MODEL: IO-360-B4A  
ENG. SN: L-38592-51E



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

Page 1 / 2

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

## Engine Entries

- Performed Magneto to Engine Timing on Left Hand Magneto, Work Performed IAW Piper PA 28-181 Maintenance Manual Chapter 74-10
- Removed and Replaced Induction Gaskets on all Cylinders with FOUR (4) NEW Lycoming P/N# 71937, Work performed IAW Piper PA 28-181 Maintenance Manual Chapter 72-80.
- Removed and Replaced all Spark Plugs with EIGHT (8) NEW Champion P/N# REM38E, and Added Stand off to #1 and #3 Ignition Leads. Work performed IAW Lycoming IO-360 Maintenance Manual Chapter 74-20, And AC 43.13-1B - Acceptable Methods, Techniques, and Practices.
- Performed Inspection/Check on Crankshaft Propeller Flange Run-Out. Work Performed IAW Lycoming Service Bulletins SB-533C, SB-240 and Lycoming Service Table of Limits - SSP-1776.
- Removed and Replaced Clamps on Fuel Injection Lines with FOUR (4) NEW P/N# LW-16266-10-75 Clamps, SIX (6) NEW P/N# LW-16266-10-13 Clamps, SIX (6) NEW P/N# STD-860 Screws, And SIX (6) NEW P/N# STD-670 Nuts. Work performed IAW Lycoming IO-360 Maintenance Manual Chapter 73-10.
- Fuel Injection Lines Inspected as Required by AD 2015-19-07, Effective Date 11/03/2015. Paragraphs (H) and (I) and Lycoming SB342G Dated 07/16/2013. No Defects Noticed.
- Next Due at TTAF: 1354.4 or After "Any Maintenance Done Where AD Paragraphs (H) and (I) Apply.
- Removed and replaced Engine Cylinder Valvetrain Components: Rocker Shaft Buttons with EIGHT (8) NEW Lycoming P/N# LW-12892, and Rocker Box Cover Gaskets with FOUR (4) NEW Lycoming P/N# 06B26669. Removed and replaced Rocker Box Cover on Cylinder #4 with ONE (1) NEW Lycoming P/N# 61247. Complied with Lycoming Service Instruction No. 1425A. Checked Dry Tappet Clearance. Work performed IAW Instructions listed in Service Instruction and Lycoming Direct Drive Overhaul Manual 6 Pages 6-1 thru 6-24.

P00107 (09-18-2025)

Page 2 / 2

I certify that the Engine 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: 

Jerome Miles  
Powerplant: 4629918

WORK ORDER: P00107

Printed by EBIS (EBISCloud.com)

and Remarks

Signature

Certificate No.

P00107 (09-18-2025)

Page 1 / 1

MAKE: PIPER AIRCRAFT INC  
MODEL: PA-28-181  
S/N: 2881479  
REG. NO: N501MA  
ENG. MAKE: LYCOMING  
ENG. MODEL: IO-360-B4A  
ENG. SN: L-38592-51E



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

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

### Engine Entries

- Performed Annual Inspection. Cleaned engine. Hot cylinder compression test performed, results as follows: #1 76/80; #2 79/80; #3 75/80; #4 75/80. Changed oil and oil filter. Removed oil suction screen, checked for debris, reinstalled, torqued and safety wired. Serviced with SEVEN (7) Quarts of Engine Oil Aeroshell W100 Plus and safety wired ONE (1) NEW Tempest Oil Filter P/N# AA48110-2 in place. Inspected old oil filter with no abnormalities found. Cleaned, gapped, tested, reinstalled and torqued spark plugs. Inspected fluid lines, fittings, engine controls, attach points, induction system, fuel system and electrical installations. Performed ground run and checked for leaks. Normal engine parameters observed. This engine 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 engine 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

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1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <b>7816F</b>	
4. Organization Name and Address: <b>Aircraft Propeller Works, Inc. 506 Charlotte Road, Auburndale, FL 33823</b>				5. Work Order/Contract/Invoice Number: <b>7816F</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Aircraft Propeller	76EM8S14-0-32	1	106304K	Overhauled

## 12. Remarks:

Propeller overhauled in accordance with Sensenich manual SPRM 590. TTSN: Unknown TSO: 00.0

Blade serial numbers: N/A

AD Compliance:

No AD's apply to this propeller at this time.

APPROVED FOR RETURN TO SERVICE WITH RESPECT TO WORK COMPLETED

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. <input checked="" 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:	14b. Authorized Signature:	14c. Approval/Certificate No: <b>4TZR125D</b>
13d. Name (Typed or Printed):	13e. Date (m/d/y):	14d. Name (Typed or Printed): <b>Adam Flake</b>	14e. Date (m/d/y): <b>8/16/2024</b>

## 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 regulation by the user/installer before the aircraft may be flown.