

# ENGINE MAINTENANCE RECORDS N19274

Logbook # 2.

Engine Manufacturer Lycoming.

Engine Model O 360-AIF6W.

Engine Serial no L-22331-36A.



*Courtesy of:*

**Aero-Tech Services**  
500 Airport Rd. Suite P  
Lititz, PA 17543  
717-394-2675

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

Make: CESSNA

Date: 03/11/20

Engine Log

Model: 177B

S/N: 17702566

Type: O360AIF6W

Total Time: 1736.0

Reg. No.: N19274

Tach Time: 1736.00

S/N: L-22331-36A

Completed the Following Items:

- Completed Compression Test: #1: 68/80, #2: 70/80, #3: 71/80, #4: 71/80;
- Changed oil and filter. Serviced engine with 7 qts Phillips XC20W50 oil and filter p/n AA48103-2. Inspected filter element - no significant debris noted.
- Replaced intake gaskets on cylinders 1, 3 and 4 with p/n SL71973.
- Cleaned and gapped spark plugs, checked magneto-to-engine timing and replace intake air filter element p/n BA-5705

*Jonathan Pendergast*  
 Jonathan Pendergast AP3948528

- Completed engine ground run-up and leak check, no defects noted.

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED I ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMIND TO BE IN AIRWORTHY CONDITION.



Date: March 11, 2020 Signed:

*Robert G. Zimmerman*  
 Robert G. Zimmerman

Cert. No. AP3129806IA

Page 1 of 1

**Shearer Aviation Services, Inc.**

LOG ID# 5856 26-March-2021

N19274 S/N 17702566 CESSNA 177B

Pg 1 / 1

N19274 ENGINE

MARCH 26, 2021 TACH 1796.0 TOTAL TIME 1796.0

DRAINED OIL. COMPRESSION CHECK #1 78, #2 80. #3 78. #4 78. CHANGED AND INSPECTED OIL FILTER. REMOVED SUMP PLUG AND DRAINED. CLEANED SUMP SCREEN. ADDED 7 QUARTS OF PHILLIPS 20W50 X/C OIL. DRAINED CARB BOWL. CLEANED CARB INLET SCREEN. CHECKED TIMING. TIMING OK. MEGGED LEADS. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. WASHED ENGINE. PRESSURE CHECKED FUEL SYSTEM FOR LEAKS. REPLACED #4 PUSHROD CLAMP SECURING IGNITION LEADS. REPLACED #2 OIL RETURN HOSE. CLEANED AND SEALED TOP AFT CASE HALVES. END. *Jeffrey Schwanger A&P 171487058*

MARCH 26, 2021 TACH 1796.0 TOTAL TIME 1796.0

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. END.

*Jeffrey Schwanger A&P 171487058*  
 A&P 171487058 Jeffrey Schwanger

09/21/21 TACH 1825.8 TOTAL TIME 1825.8  
 INSPECTED AND CHANGED OIL FILTER  
 FILLED W/ 7 QTS PHILLIPS 20W50 X/C OIL  
*Jeffrey Schwanger*

12/20/21 TACH 1847.8 T.T. 1847.8  
 INSPECTED AND CHANGED OIL FILTER  
 FILLED W/ 7 QTS PHILLIPS 20W50 X/C OIL  
*Jeffrey Schwanger*

**Shearer Aviation Services, Inc.**

LOG ID# 6299 07-April-2022

N19274 S/N 17702566 CESSNA 177B

Pg 1 / 1

N19274 ENGINE

APRIL 7, 2022 TACH TIME 1852.0 TOTAL TIME 1852.0

DRAINED OIL. COMPRESSION CHECK #1 71, #2 79. #3 71. #4 80. CHANGED AND INSPECTED OIL FILTER. REMOVED SUMP PLUG AND DRAINED. CLEANED SUMP SCREEN. ADDED 7 QUARTS OF PHILLIPS 20W50 X/C OIL. DRAINED CARB BOWL. CLEANED CARB INLET SCREEN. CHECKED TIMING. TIMING OK. MEGGED LEADS. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. DRAINED OIL COOLER. REPLACED #2 OIL RETURN LINE HOSE. WASHED ENGINE. PRESSURE CHECKED FUEL SYSTEM FOR LEAKS. END. *Jeffrey Schwanger A&P 171487058*

APRIL 7, 2022 TACH TIME 1852.0 TOTAL TIME 1852.0

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. END.

*Jeffrey Schwanger A&P 171487058*  
 A&P 171487058 JEFFREY W SCHWANGER

09/19/22 TACH TIME 1887.5 TT 1887.5  
 INSPECTED AND CHANGED OIL FILTER  
 FILLED W/ 7 QTS PHILLIPS 20W50 X/C OIL  
*Jeffrey Schwanger*

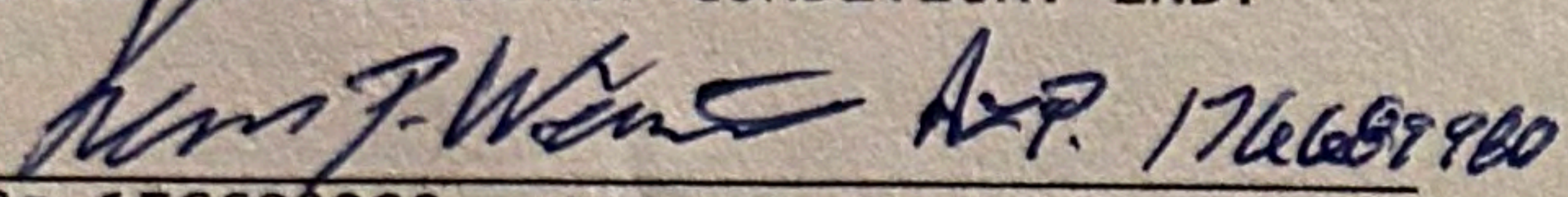
Shearer Aviation Services, Inc.  
LOG ID# 6869 23-May-2023  
N19274 S/N 17702566 CESSNA 177B TACH 1903.4  
ACTT 1903.4

Pg 1 / 1

N19274 ENGINE

COMPRESSIONS: #1-70, #2-76, #3-75, #4-76. DRAINED OIL. CHANGED AND INSPECTED OIL FILTER. REMOVED SUMP PLUG. CLEANED SUMP SCREEN. ADDED 7 QUARTS OF PHILLIPS 20 W 50 OIL. DRAINED CARB. INSPECTED AND CLEANED CARB INLET SCREEN. CHECKED TIMING. MEGGED LEADS. CLEANED, GAPPED AND ROTATED SPARK PLUGS. WASHED ENGINE. CHECKED FUEL SYSTEM. REPLACED #4 CYLINDER INTAKE GASKET AND HOSE. CLEANED AND RECHECKED OIL FILTER HOUSING, OPS CHECKED NORMAL. END.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. END.

  
A&P 176689980 KEVIN P WENRICH

ENGINE MODEL: O-360-A1F6D  
ENGINE S/N: L-22331-36A  
REG. NO: N19274  
WORKORDER: 24099



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

DATE: 6/1/2024  
A/C TSN: 1943.4  
ENG TT: 1943.4  
TSMOH:  
TACH: 1943.4

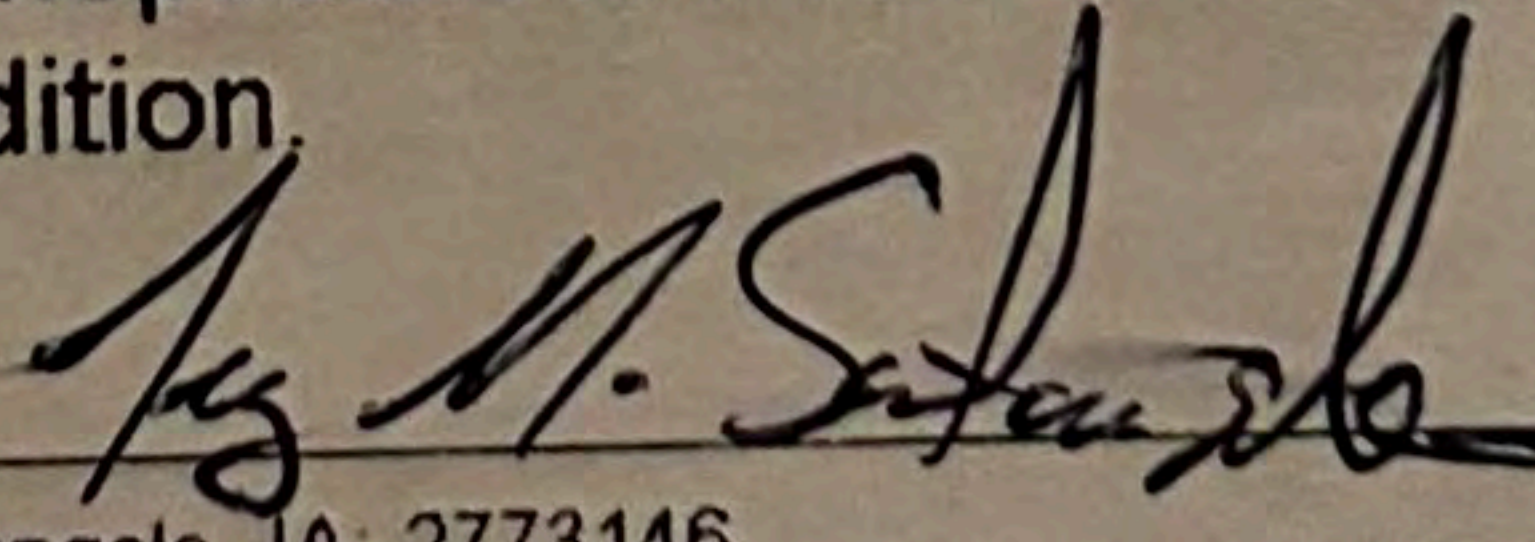
### Engine Entries

- Performed annual inspection in accordance with FAR43, appendix D. No engine related AD's due at this time.
- Compression test: #1 62/80 #2 77/80 #3 76/80 #4 74/80
- Drained oil and replaced oil filter with new. Cut open and inspected old filter, no abnormalities found at this time. Cleaned and reinstalled oil sump screen. Serviced with 7 quarts of Phillips X/C 20W-50 oil.
- Replaced exhaust risers for cylinders 1, 2, and 4. Reinstalled exhaust system using new gaskets and lock washers. Re-torqued mount hardware after ground run.
- Fabricated and installed doubler patch repair on carburetor heat box and installed new bearings. Rigged and ops checked carburetor heat control.
- Installed new induction air filter element.
- Checked magneto timing, cleaned carburetor inlet screen and drained bowl, serviced spark plugs, washed engine, and lubed controls.
- Completed ground run, no discrepancies noted.

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

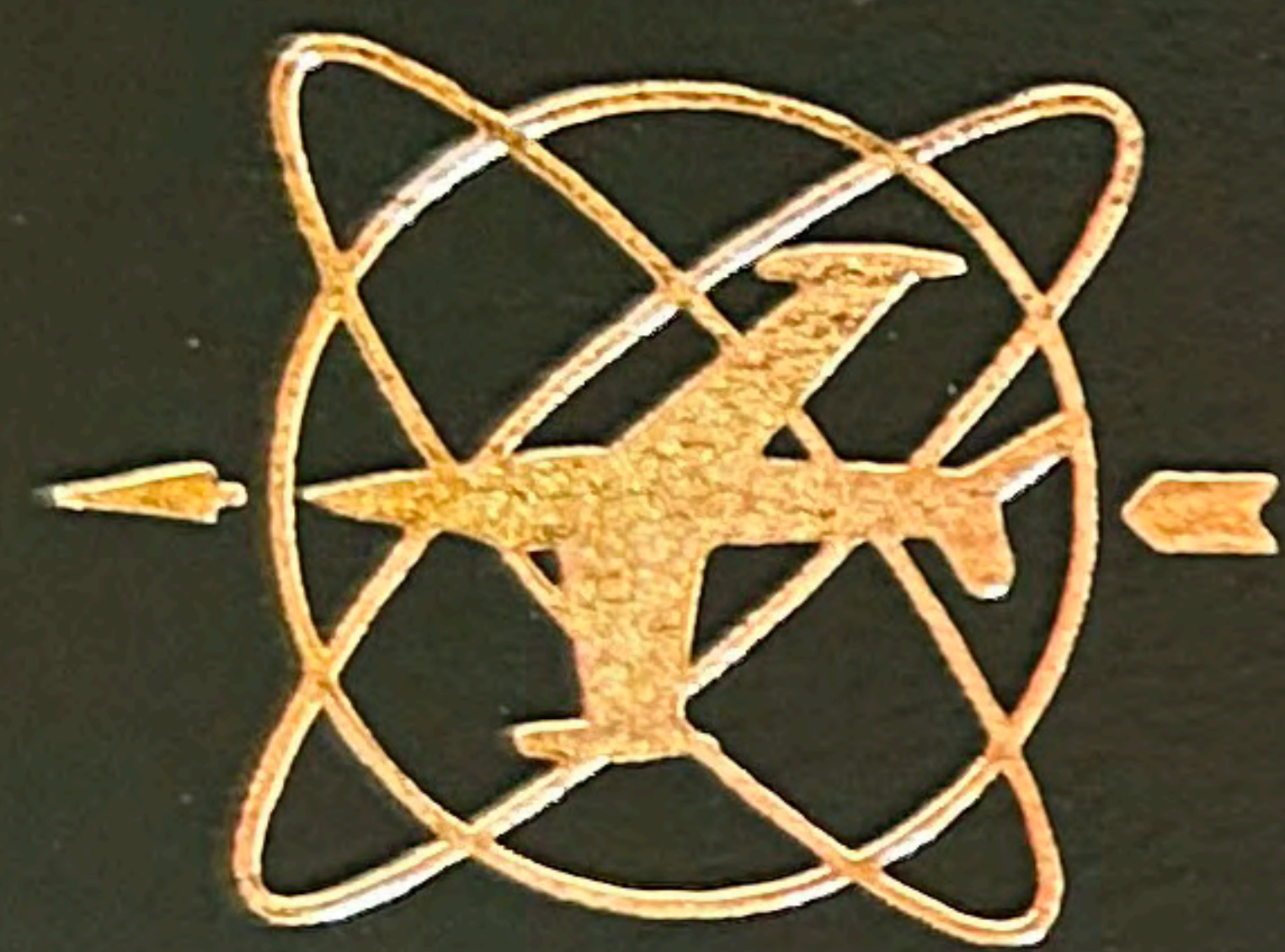
DATE: 6/1/2024

SIGNED:

  
Troy M. Santangelo, IA: 2773146

Work Order: 24099

Printed by EBis 3 (datcomedia.com)



*The Standard*

# **AIRCRAFT LOG**

**ASA-SA-1**

**Registered Owner Record**

Name Robert P. Boney Address 858 Timberline DR.  
City GAP State PA From 1995 To 2015

Name GEORGE E. PEACH Address 653 RICHFIELD DR  
City LEBANON State PA From 11/18/15 To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

PENN AVIONICS, INC. 1209 Ward Ave West Chester, PA 19380 VFAR714K

LOG ID# 2441 12-June-2006 WO# 11206/1 AC TT 1283.4

N19274 S/N 17702566 CESSNA C177B

TOTAL  
TIME IN  
SERVICE

Pg 1/2

\*\*\*\* ITEM # 11206-1 INSTALL GNS-430 / Gi 106A \*\*\*\*

DISCREPANCY: INSTALL GNS-430 / Gi 106A

Model: GNS-430

ACTION: Removed one Magellan Skynav 5000. Installed in location of removed units one Garmin GNS-430 GPS and GI 106A CDI. Interfaced GNS-430 to existing mode c encoder. All work performed IAW Garmin GNS-430 installation manual 190-00140-02 rev.Q and AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR 424,425,426,427,428,429,430. Chapter 13, Chapter 15 section 1 PAR 750,754. Section 3,4,5,6. The AC-43:13 2A, Chapter 1 PAR 1,2,3 Chapter 2 PAR 21,22,23,27. GPS installed IAW AC20-138 par 7c (2)i,ii,iii (VFR), and referenced STC SA00705WI. Calculate new weight and balance, equipment list revised. Ramp test aircraft operational.

\*\*\*\* ITEM # 11206-2 Install Marker Beacon antenna \*\*\*\*

DISCREPANCY: Install Marker Beacon antenna

ACTION: Install new CI-102 marker beacon antenna. Interface to GMA340.

\*\*\*\* ITEM # 11206-3 install ci-122 \*\*\*\*

DISCREPANCY: install ci-122

ACTION: installed CI-122 comm antenna on bottom of aircraft. All work accomplished IAW AC43.13-2A chapter 3.

\*\*\*\* ITEM # 11206-4 install fn-200 \*\*\*\*

DISCREPANCY: install fn-200

ACTION: Install avionics cooling fan FN-200. All work accomplished IAW AC43.13-1B chapters 11 and 12.

\*\*\*\* ITEM # 11206-5 INSTALL GMA-340 Audio Panel \*\*\*\*

DISCREPANCY: INSTALL GMA-340 Audio Panel

Model: GMA-340  
ACTION: Removed existing ARC audio panel. Installed in same location, factory new Garmin GMA-340 audio panel. Interface audio panel to existing audio system. Install new pilot & co-pilot & rear seat headphone jacks. Ramp test all audio sources. Installed unit IAW AC43:13-1A, Chapter 2, Section 3, Par97. Chapter 11, Section 1, Section 2 PAR

PENN AVIONICS, INC. 1209 Ward Ave West Chester, PA 19380 VFAR714K

LOG ID# 2441 12-June-2006 WO# 11206/1 AC TT 1283.4

N19274 S/N 17702566 CESSNA C177B

424, 425, 426, 427, 428, 429, 430. Chapter 13, Chapter 15 section 1 PAR 750, 754. Section 3, 4, 5, 6. The AC-43:13 2A, Chapter 1 PAR 1, 2, 3 Chapter 2 PAR 21, 22, 23, 27, and Garmin Document 190-00149-01 rev L. Calculate new weight and balance.

--- DATA FROM W&B # 799 Dated: Jun-07-2006 -----

Follow equipment Removed: AUDIO PANEL GPS ANTENNA INTERCOM SYSTEM SKYNAV 5000

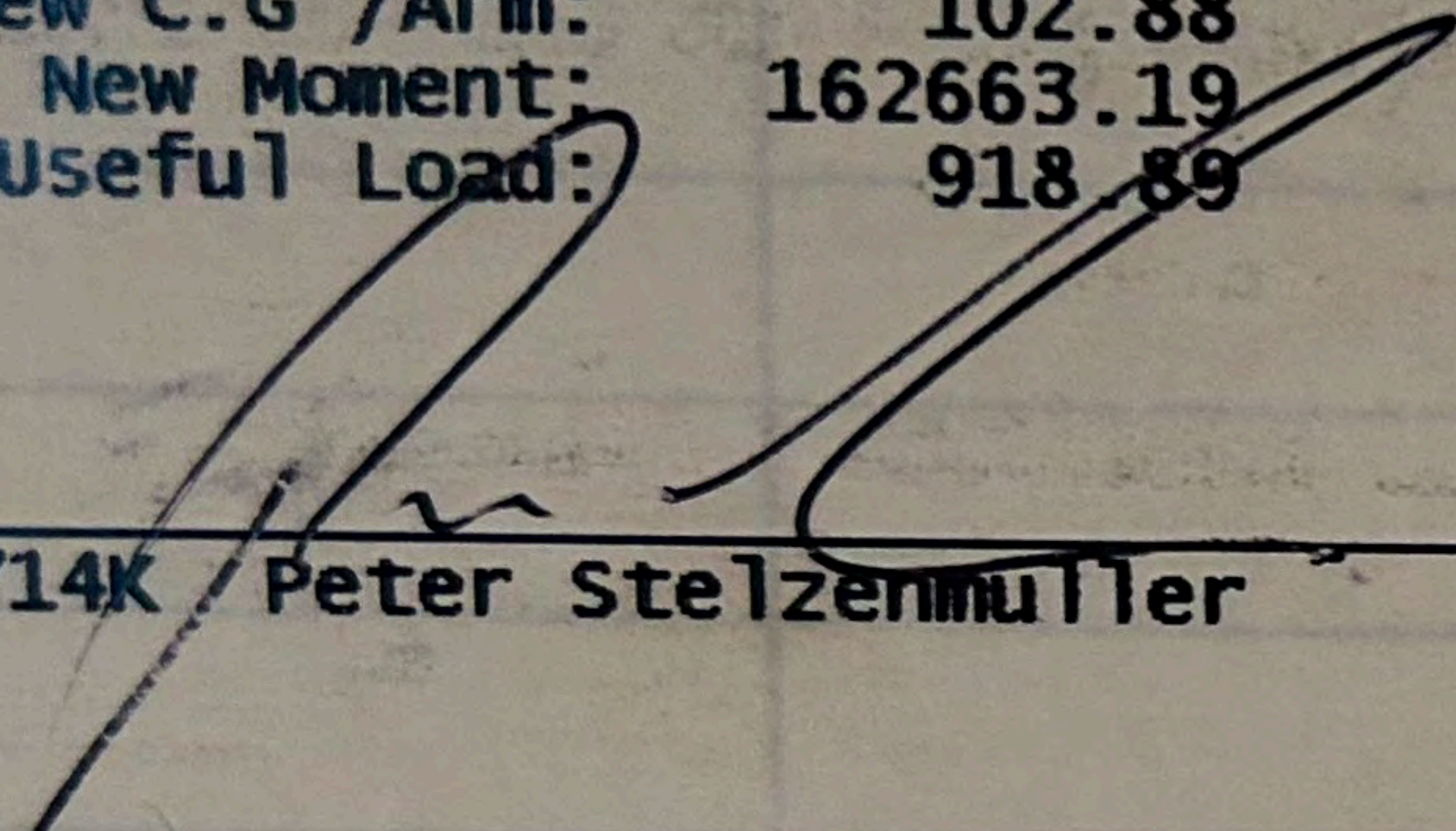
Follow Equipment Installed: CI-122 CI102 FN200 GA56 GI-106A GMA340 GNS-430

New Empty Weight: 1581.11

New C.G /Arm: 102.88

New Moment: 162663.19

New Useful Load: 918.89

  
VFAR714K Peter Stelzenmuller

6/12/06  
Date

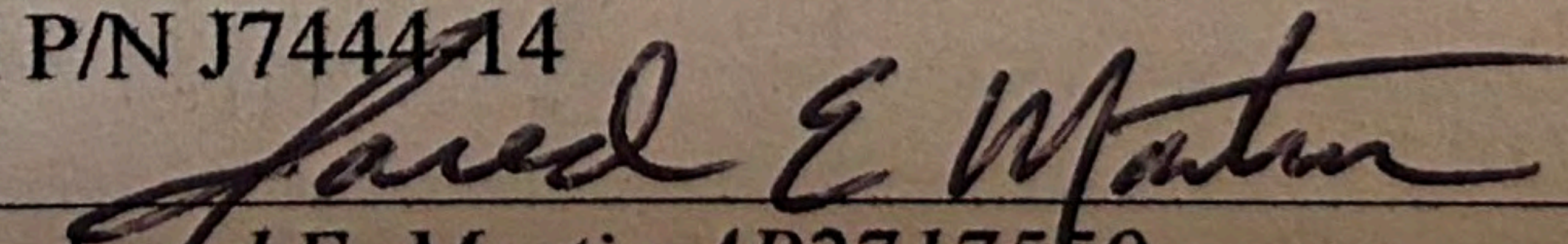
**AIRFRAME N19274**

Date: 9/25/2006

Hourmeter or Tach reading: 1293.4

1. Replced o-rings in shimmy damper. Serviced shimmy damper with 88cc of hydraulic fluid.
2. Replaced two cowl mounts on lower cowl P/N J7444-14

Dutchland Aviation, Smoketown PA

  
Jared E. Martin AP2717559



**AIRFRAME N19274**

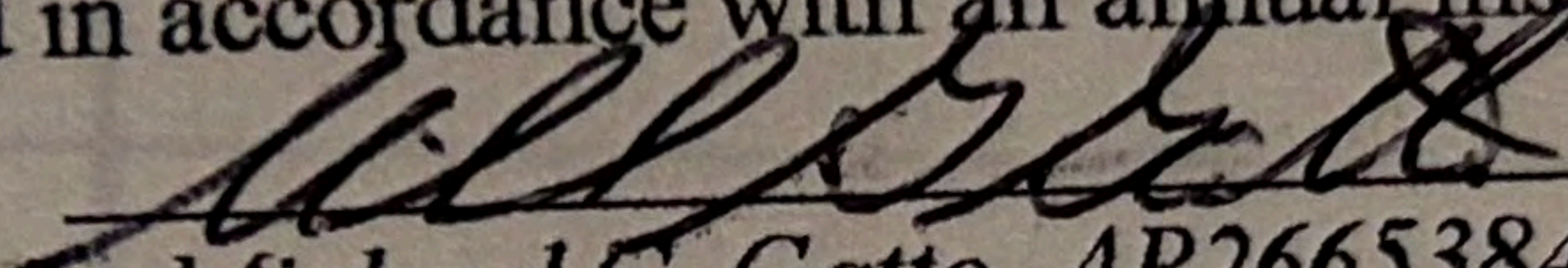
Date: 11/19/2008

Hourmeter or Tach reading: 1354.5 Total time: 1354.5

1. Replaced vacuum regulator filter.
2. Complied with A.D. 87-20-03r2 seat/seat rail inspection, no defects noted
3. Complied with FAR 91.207 (d) ELT inspection, no defects noted. Replaced battery part no. BP-1015, new replaced date 10/2009.
4. Replaced tail beacon bulb with bulb part no. ML1912.
5. Replaced one torn cowl mount part no. J-7444-14.
6. Replaced main vacuum filter part no. 09-18-1 next replacement due at 1854.5.

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

**Dutchland Aviation, Smoketown PA**

  
Michael G. Gatto AP2665384IA

AIRFRAME

N19274

Date: 11/25/2009

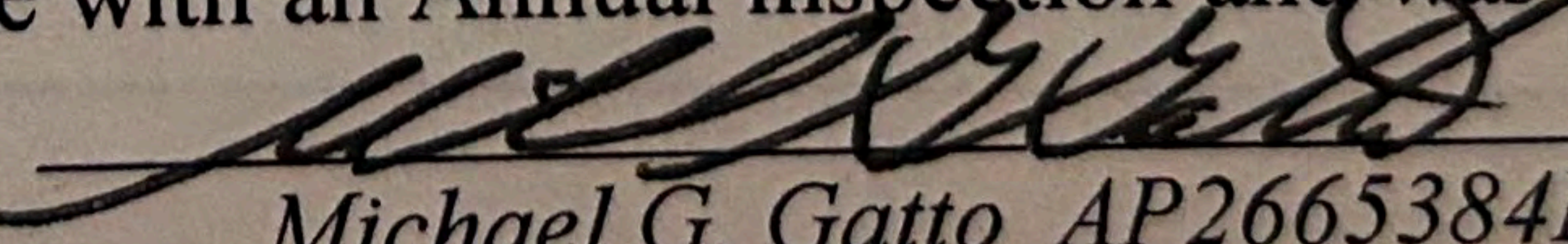
Tach reading: 1374.8

Total time: 1374.8

1. Replaced vacuum regulator filter.
2. Cleaned and repacked all wheel bearings and races.
3. Removed leaking shimmy dampner, replaced o-rings, serviced with hydraulic fluid and reinstalled.
4. Complied with FAR 91.207d ELT inspection, replaced battery next due 01/2012. No other defects found.
5. Complied with A.D. 87-20-03r2 seat/seat rail inspection, no defects noted.

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

**Dutchland Aviation, Smoketown PA**

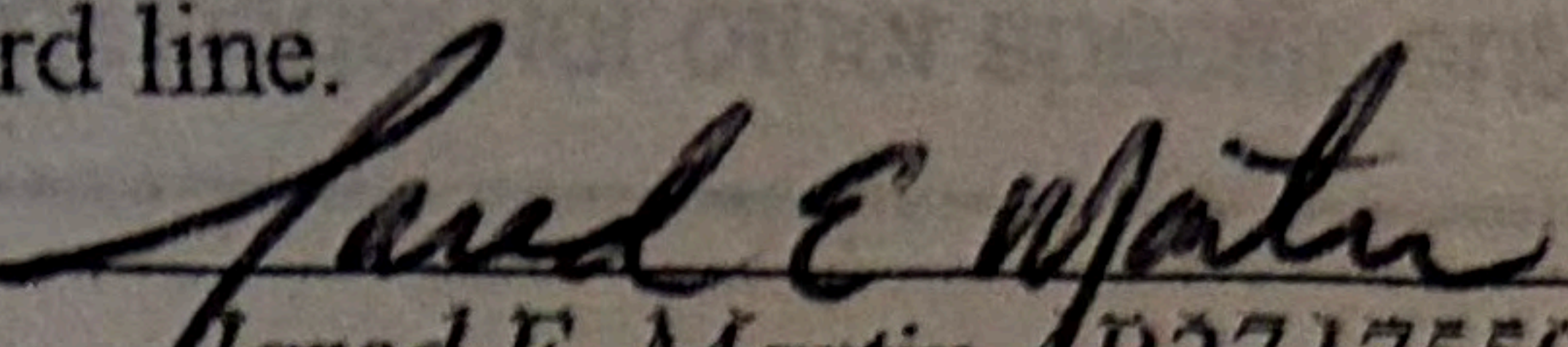
  
Michael G. Gatto AP2665384IA

**Operations**

Number of Technician or Repa

**YEAR:** AIRFRAME N19274  
Date: 10/07/2010 Tach reading: 1400.3 Total time: 1400.3

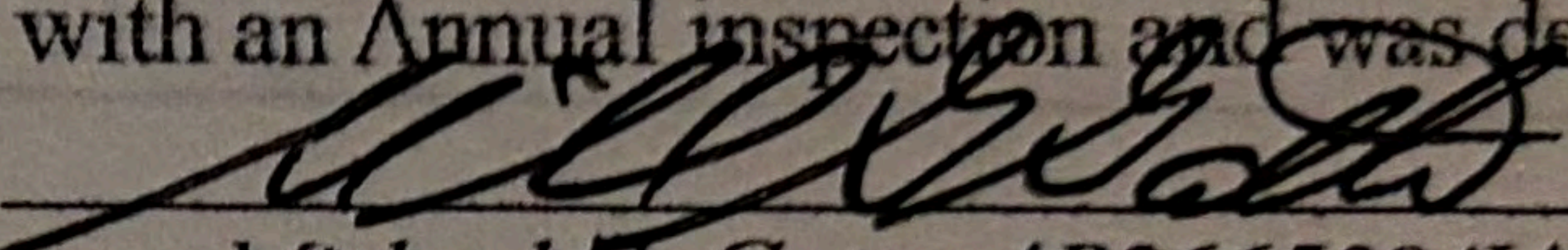
- DATE**
1. Replaced missing fastener on Bracket air filter housing.
  2. Replaced broken fuel pump drain line by fabricating new hard line.

  
Jared E. Martin AP2717559

3. Replaced vacuum regulator filter.
4. Complied with A.D. 87-20-03r2 seat/seat rail inspection, no defects noted. Next inspection due 10/2011.
5. Complied with FAR91.207(d) ELT inspection, no defects found.

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

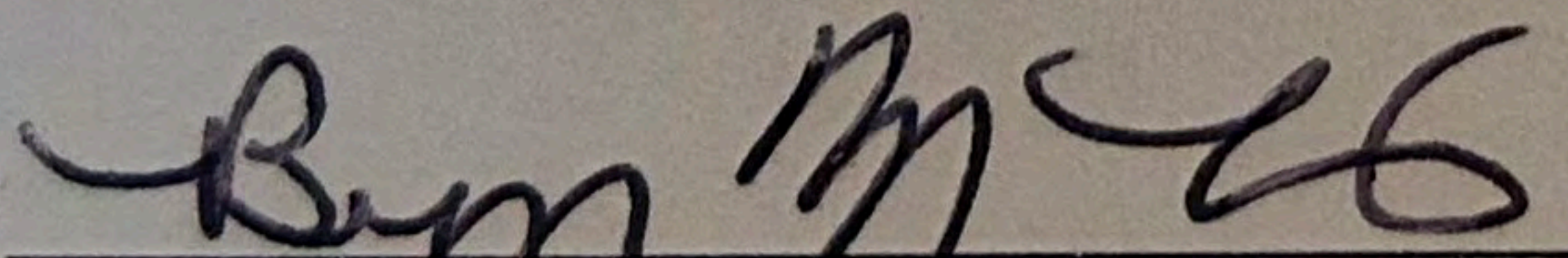
Dutchland Aviation, Smoketown PA

  
Michael G. Gatto AP2665384IA

Registration: N19274

Date: 11-10-10

I certify the Transponder inspection and tests required by FAR 91.413 Appendix F were performed and results are on file under Work Order RS10-220

Signature: 

**SMART Avionics Inc**

FAA Repair Station ZV8R725X

Tach 1401.0

Technician or Repair

RECORDING  
TACH  
TIME

TO  
FLI

AIRFRAME

N19274

Total time: 1420.1

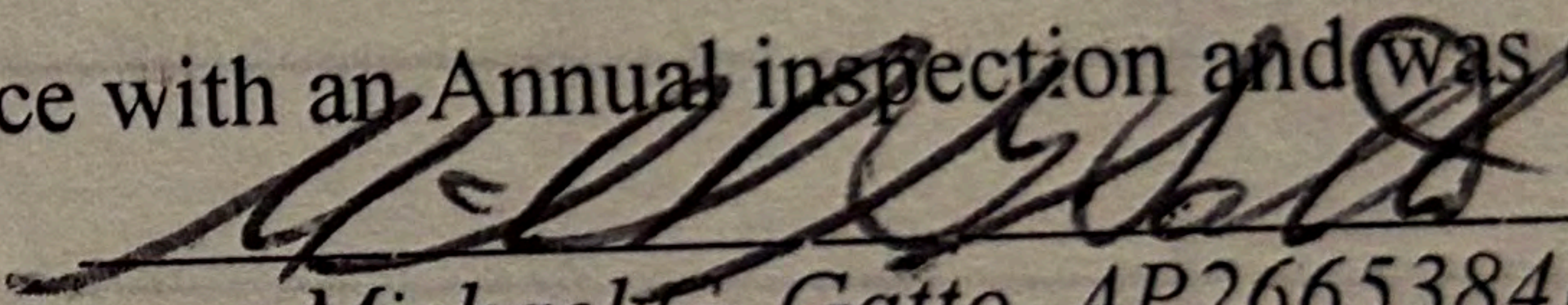
Date: 11/09/2011

Tach reading: 1420.1

1. Replaced vacuum regulator filter.
2. Cleaned and repacked all wheel bearings and races.
3. Complied with FAR 91.207(d) ELT inspection. Replaced battery, no other defects noted. Battery next due 12/2013.
4. Replaced deteriorated o-rings in engine primer control.
5. Replaced one torn cowl mount with new mount part no. J-7444-14.
6. Complied with A.D. 11-10-09 seat/seat rail inspection by visual inspection. Pilots outboard seat rail found to be beyond wear limits. Replaced pilots outboard seat rail with new FAA/PMA approved seat rail p/n MC1711015-7. This A.D. supersedes A.D. 87-20-03r2 and is due next at tach time 1520.1 or 11/2012 whichever occurs first.

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

Dutchland Aviation, Smoketown PA

  
 Michael G. Gatto AP2665384IA

AIRFRAME

N19274

Total time: 1468.6

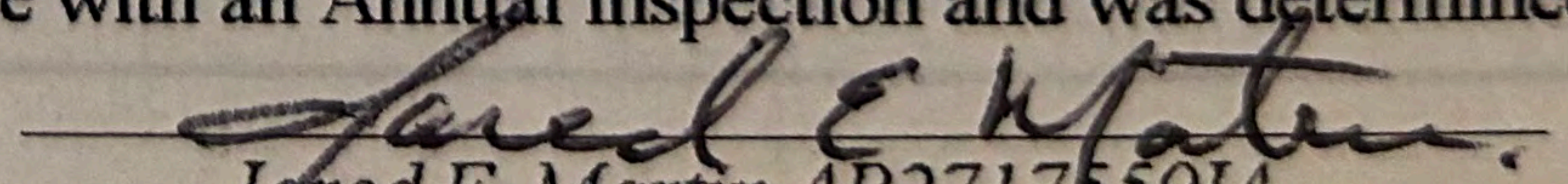
Date: 11/14/2013

Tach reading: 1468.6

1. Replaced aircraft battery with a RG35AXC Concorde battery.
2. Replaced one rivet in propeller spinner.
3. Complied with FAR 91.207d ELT inspection,. Replaced battery, next due 12/2015. No other discrepancies noted.
4. Cleaned and packed all wheel bearings.
5. Replaced vacuum regulator filter.
6. Complied with A.D. 11-10-09 seats and rails inspection, no discrepancies noted. Next due 11/2014 or tach time 1568.6.

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

Dutchland Aviation, Smoketown PA

  
 Jared E. Martin AP2717559IA

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

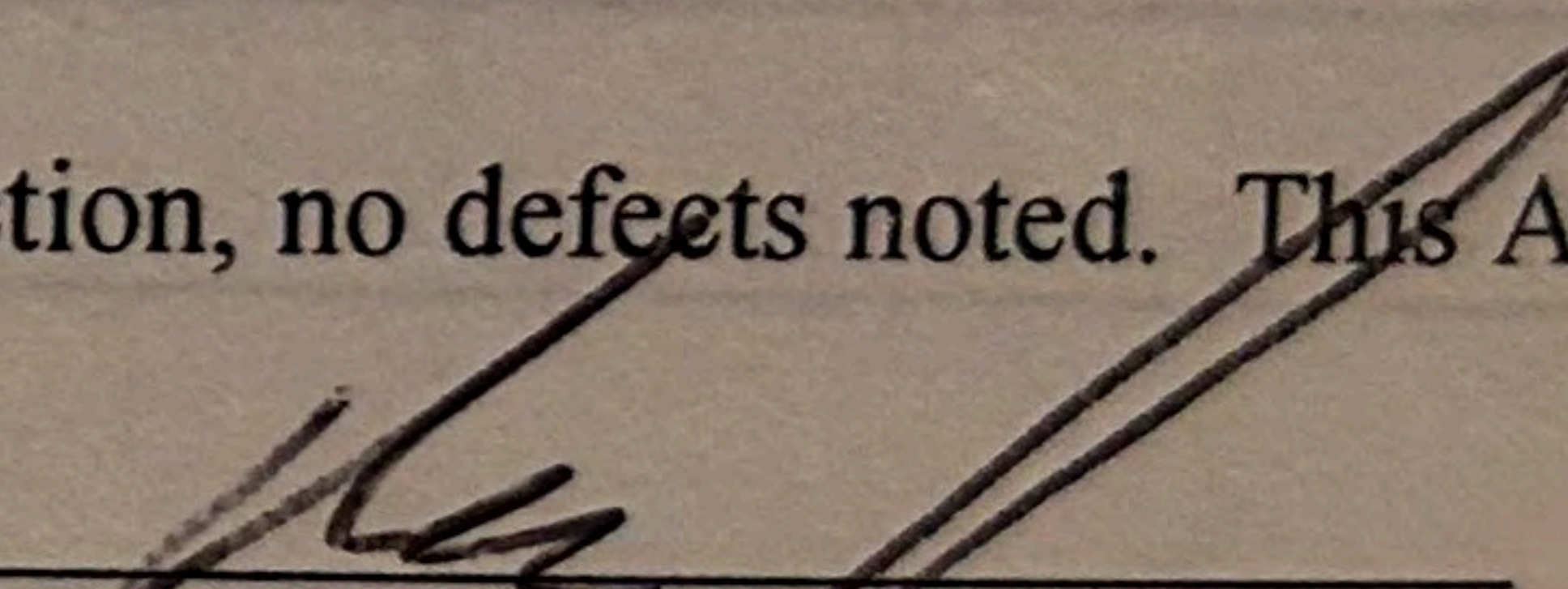
N19274

Date: 11/21/2012

Tach reading: 1443.2

Total time: 1443.2

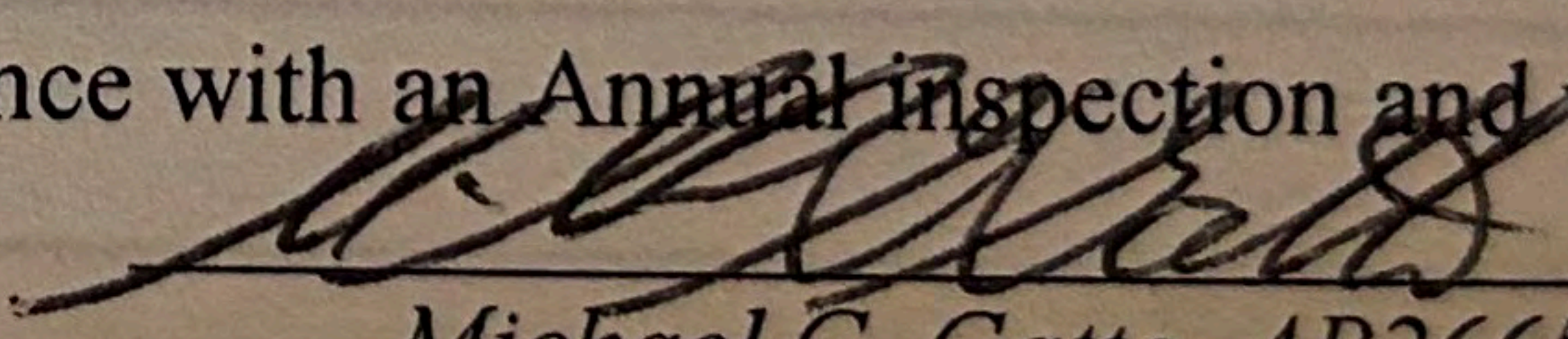
1. Replaced vacuum regulator filter.
2. Complied with FAR 91.207(d) ELT inspection. No defects noted.
3. Replaced worn hinges on left and right cowl flaps with new hinge and hinge pin.
4. Complied with Cessna SEB-27-01R2 by replacing screw on co-pilot's control wheel with new screw p/n MS35265 and saftied.
5. Serviced nose strut with 5606 hydraulic fluid and nitrogen.
6. Complied with A.D. 11-10-09 seat/seat rail inspection by visual inspection, no defects noted. This A.D. is due next at tach time 1543.2 or 11/2013 whichever occurs first.

  
Dennis L. Glick AP3217762IA

7. Repaired broken flange on carb heat shroud.

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

Dutchland Aviation, Smoketown PA

  
Michael G. Gatto AP2665384IA



AIRFRAME

N19274

Date:11/13/2015

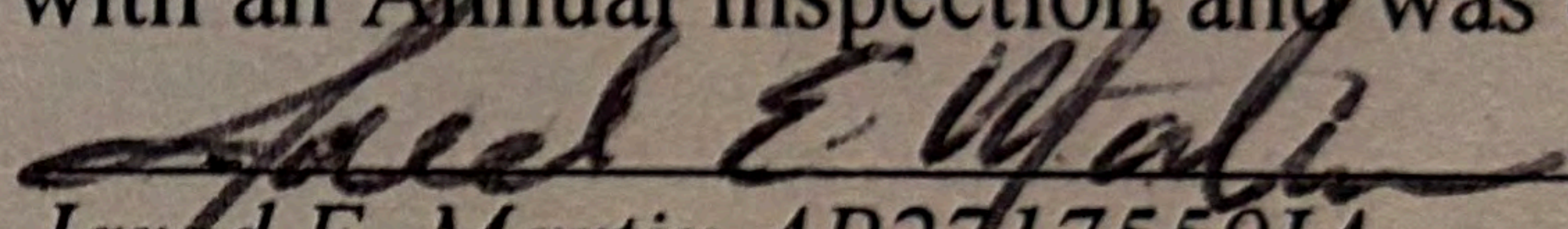
Tach reading:1507.6

Total time:1507.6

1. Replaced vacuum regulator filter.
2. Complied with FAR 91.207d ELT inspection. Replaced ELT battery, next due 1/2018. No other discrepancies noted.
3. Reversed both left and right tires for optimum wear.
4. Complied with A.D. 11-10-09 seats and rails inspection, no discrepancies noted. Next due 11/2016 or tach time 1607.6.

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

Lancaster Aero, Smoketown PA

  
 Jared E. Martin AP2717559IA

ENGINE

N19274

Date:11/13/2015

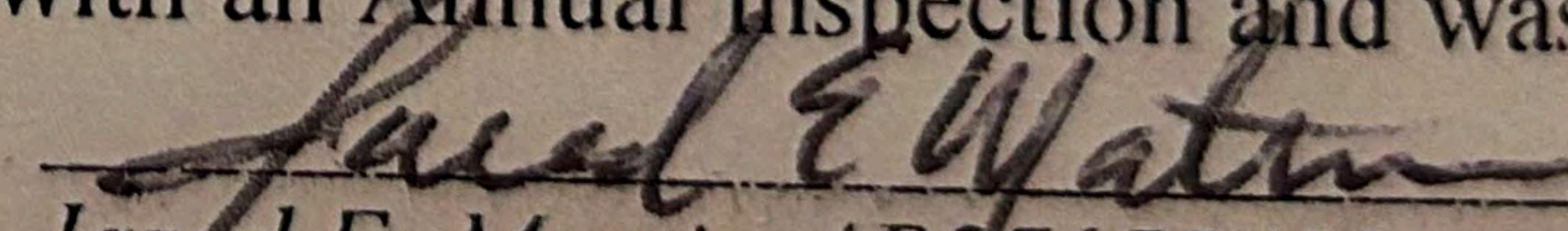
Tach reading:1507.6

Total time:1507.6

1. Compression test: #1 76/80 #2 77/80 #3 75/80 #4 78/80
2. Changed oil and filter, Serviced with Aeroshell 15W-50 oil.
3. Changed air filter element, cleaned & gapped spark plugs, checked magneto timing.
4. Completed ground run, no defects noted.

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

Lancaster Aero, Smoketown PA

  
 Jared E. Martin AP2717559IA



YEAR: \_\_\_\_\_  
RECORD TACH TIME  
DATE \_\_\_\_\_

Registration N19274

Date: 12-2-15

I certify that the transponder tests required by 14 CFR § 91.413 Appendix F have been performed and results are on file under Work Order R515-191.

Transponder Model RT-359A

Serial No. 9216

Signature *D. J. Fether*  
**SMART Avionics, Inc.**

FAA Repair Station ZV8R725X

TACH 1515.1

and Alterations  
Certificate Number of T

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**N19274**  
Tach: 1515.1



12/2/15  
RS15-191

Removed Turn Coordinator P/N 5400-7295-2 S/N G0926. Installed Turn Coordinator P/N 1394T100-7Z S/N E07-11579. Ops check system good.

*David Fetteroff*  
David Fetteroff  
Repairman 3590990

YEAR:

DATE

N19274

1/21/16

Tach 1526.0



Installed Electronics International Oil Pressure and Oil Temp indicating system  
In pilots instrument panel in accordance with Electronics International  
Installation Instructions OI 0520911 5/20/91 Rev. C: 10/8/97 and STC 5925  
NM. Aircraft is listed on the AML.

Installed OPT-1 Indicator S/N 175158 in pilots instrument panel. Installed  
PT100-GA S/N 175159 pressure transmitter in oil line located in engine  
compartment and Temp Probe in the primary Oil pickup.

System was ground tested and found to perform as specified with no adverse  
effects to other aircraft systems.

Reference 337 Dated 1/21/16 for details.

A handwritten signature in blue ink, appearing to read "Ben M Travis", is written over the printed name.

Benjamin M Travis  
A&P 2774970

ations

Number of Technician or Rep

Shearer Aviation Services, Inc.

LOG ID# 3933 23-March-2016

N19274 S/N 17702566 CESSNA 177B

N19274 AIRFRAME

MARCH 23, 2016 TACH 1535.5

CLEANED AND REPACKED MAIN WHEEL BEARINGS. BALANCED BOTH MAIN WHEELS. SERVICED TIRE PRESSURES. TIGHTENED TOP INDUCTION AIR DUCT CLAMP AFT OF AIR FILTER AREA. END

*Jay Shearer A&P 167380884*

A&P 167380884 Jay Shearer

Shearer Aviation Services, Inc.

LOG ID# 3988 25-April-2016

N19274 S/N 17702566 CESSNA 177B

N19274 AIRFRAME

APRIL 25, 2016 TACH 1541.2

REPLACED OVER VOLTAGE SENSOR WITH NEW SENSOR. RAN AND CHECKED OPERATION OF CHARGING SYSTEM. OPS CHECKED OK. END.

*Jay Shearer A&P 167380884*

A&P 167380884 Jay Shearer

AR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N  
 LOG ID# 4502 11-October-2016 WO# 21435/1 AC TT 1570.8 HOBBS 575.3  
 N19274 S/N 17702566 CESSNA 177B TACH 1570.8

Pg 1 / 1

\*\*\*\* ITEM # 21435-1 REPAIR #2 COMM \*\*\*\*  
 DISCREPANCY: COMM RECEIVER INOP, XMIT OK.  
 ACTION: REMOVED #2 NAV/COM: TKM MX300, S/N 4323 FOR FACTORY REPAIR.

*Andrew W. Knowlton*

ANDREW W. KNOWLTON

N19274 Tach: 1571.2

10-26-16

Installed Direct replacement MX300 Nav/ Comm S/N 11232. Performed operational check good.

George Peach Pilot License # 3775931

*George E. Peach*

Shearer Aviation Services, Inc.

LOG ID# 4254 05-January-2017

N19274 S/N 17702566 CESSNA 177B

Pg

N19274 AIRFRAME

JANUARY 5, 2017 TACH 1575.1 TOTAL TIME 1575.1

CLEANED AND REPACKED WHEEL BEARINGS. CLEANED ELECTRIC FUEL PUMP SCREEN. CLEANED FUEL SUMP AND SCREEN. SERVICED BATTERY. REPLACED INDUCTION AIR FILTER ELEMENT. REPLACED VACUUM REGULATOR FILTER. LUBED AIRFRAME. PRESSURE CHECKED FUEL SYSTEM FOR LEAKS. TOUCHED UP BARE AREA OF TOP CENTER SPAR AREA. GREASED NOSE GEAR. CLEANED OUT DEBRIS REAR FUSELAGE AREA. RESAFETIED SCREW ON RIGHT SIDE OF ELEVATOR TRIM MECHANISM. CLEANED, PRIMED, AND PAINTED ELEVATOR TRIM ROD. SHORTENED SCREWS IN THE TAILCONE THAT WERE TOO LONG. CLEANED AND PRIMED SEVERAL RUSTY NUTS LOWER VERTICAL FIN AFT SPAR AREA. REPLACED GROMMET ON LEFT OUTBOARD FUEL LINE IN WING. CLEANED AND TREATED INSIDE OF LEFT WING FORWARD SPAR AREA INBOARD OF AILERON BELLCRANK. SERVICED BRAKE FLUID AS NEEDED. SERVICED TIRE PRESSURES. CUT OFF TY WRAP AT PILOT'S YOKE CABLE AREA. RESAFETIED FIREWALL SHUT OFF VALVE. CW YEARLY ELT INSPECTION IAW FAR 91.207D. OPS CHECKED OK. ELT BATTERY REPLACEMENT DUE DATE IS JANUARY 2018. CLEANED CORROSION ON BATTERY POSITIVE LEAD. CLEANED AND PRIMED AREA ON INSIDE BELLY SKIN AFT OF BATTERY BOX AREA. WELDED CRACK IN LOWER AREA OF CARB HEAT SHROUD. TIGHTENED CLAMP ON MUFFLER AIR INTAKE DUCT. REPLACED DUCT AFT OF INDUCTION AIR FILTER TO CARB AIRBOX. REPLACED LOOSE RIVETS IN APU COVER. ADJUSTED CARB HEAT TO GO FULL TRAVEL. REPLACED BREATHER HOSE AND TIGHTENED CLAMPS. INSTALLED NEW FITTINGS AT OIL PRESSURE SWITCHES ON FORWARD SIDE OF FIREWALL. SECURED ITEMS THROUGHOUT ENGINE COMPARTMENT. RESAFETIED ONE SET OF PROPELLER MOUNTING BOLTS. DRESSED LEADING EDGES OF PROPELLER BLADES AND REPAINTED FACE OF PROPELLER BLADES. REINFORCED FIBERGLASS AT OUTLET OF INDUCTION AIR FILTER BOX. CLEANED BELLY. CW AD 2011-10-09 BY INSPECTION AND MEASUREMENT. NO DEFECTS NOTED. REPAIRED DENT IN LEADING EDGE OF LEFT WING AND REPAINTED OUTBOARD LEADING EDGE SKIN OF LEFT WING.

END.

*Jay Seaver AP167380884*

JANUARY 5, 2017 TACH 1575.1 TOTAL TIME 1575.1

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. END.

*Jay Shearer JA/67380884*

A&R167380884 JAY SHEARER

Registration: N19274

Date 1-3-17

I certify the Transponder test and Inspection required by FAR 91.413 IAW Part 43, App F and the Altimeter and Static System test required by FAR 91.411 IAW Part 43, App E have been performed. The Altimeter was tested to 20,000 Feet and the results are on file under Work Order RS16-280

Signature

*Bryan M. [Signature]*

**SMART AVIONICS INC.**

FAA Repair Station ZV8R725X

Tach 1575.1



YEAR:	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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Aero-Tech Services, Inc. ✕ 500-P Airport Road ✕ Lititz, PA 17543

Make: CESSNA	Model: 177B	Reg. No.: N19274
Order No.: 27112	Completed: 02/06/18	
S/N: 17702566	Tach Time: 1621.30	TTAF: 1621.30

**Performed an Annual Inspection:**

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

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

- C/W AD 2011-10-09 seat rails inspection by measurement and inspection, no defects noted.

**Completed the following additional items**

- Installed STC SA2586NM JPI temperature monitoring system EDM 730 p/n 730-4c 231 IAW Installation Manual for the EDM 730, Report No 103, Rev E, Dated 1-20-2009. Installed EDM 730 display in panel next Garmin 430. Connected EDM to main buss through 5-amp circuit breaker located below co-pilot control yoke. Installed 4 EGT probes p/n M-111, 4 CHT probes p/n 5050T, fuel flow transducer p/n 210814 and associated harnesses. EDM connected to the Garmin 430 through P1001 connector pin 57 (RS232out) and pin 56 (232in). Installed aircraft flight manual Supplement No. 1 Rev B in aircraft. Weight and balance updated. ICA not required.
- Adjusted prop governor high RPM set screw in half a turn.
- Replaced missing screw on lower cowling securing the landing/taxi light wires.
- Replaced air filter with new BA-5705.
- Replaced two torn lower cowling shock mounts with new p/n J7444-14.
- Repaired broken terminal wire on ground strap of alternator.
- Tightened tach cable on accessory housing.
- Removed Bendix dual magneto. Disassembled, cleaned and inspected internal components. Replaced cam screw with new p/n 10-391213. Reassembled magneto and set internal timing. Installed magneto to engine and set timing to 25 degrees, no defects noted.

- | YEAR | RECORDING   | FOR DAYS | TOTAL |
|------|---|----------|-------|
|      | <ul style="list-style-type: none"> <li>➤ Stop drilled crack on cylinder #4 scat hose bracket.</li> <li>➤ Replaced missing rivets on top forward engine baffling.</li> <li>➤ Filed down sharp edge on pilot's top door edge.</li> <li>➤ Installed new vacuum regulator filter p/n RAB3-5-1.</li> <li>➤ Complied with FAR 91.207(d) ELT inspection, no defects noted. Replaced battery with new p/n BP-1015. Battery expiration date: 2/20</li> </ul> |          |       |

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



Date: 02/06/2018

Signed:

Michael G. Reginella

Cert. No. AP3696864IA

Page 2 of 2

Shearer Aviation Services, Inc.

LOG ID# 4852 15-June-2018

N19274 S/N 17702566 CESSNA 177B

P

N19274 AIRFRAME

JUNE 15, 2018 TACH 1637.1

REPLACED ORIGINAL SPINNER WITH NEW TCB COMPOSITE COMPANY SPINNER PN TCB0752637-16. SEE FAA FORM 337 DATED 6-15-18 FOR NEW COMPOSITE SPINNER INSTALLATION DETAILS.END.

*Just Semer*  
*02/16/2018 1637.1*

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

Make: CESSNA

Model: 177B

Order No.: 36382

S/N: 17702566

Tach Time: 1678.60

Reg. No.: N19274

Completed: 3/1//19

TTAF: 1678.60

**Completed the following items:**

- Replaced RH main tire with new 6.00x6 Air Hawk tire and new Michelin Air tube. Balanced wheel/tire assembly.
- Inspected main landing gear McCauley wheels for cracks/damage. No defects.
- Cleaned, inspected, and repacked all wheel bearings.
- Repaired frayed alternator wire by removing and replacing ring terminal. Installed new shielding pigtailed on all wires at alternator end of bundle. Replaced one worn Adel clamp on RH engine wire bundle.
- Replaced engine baffle seal with new reinforced silicon seal and trimmed to fit.
- Tightened loose mag switch.
- Replaced vacuum regulator filter with new RAB3-5-1.

**Performed a 100 hour inspection:**

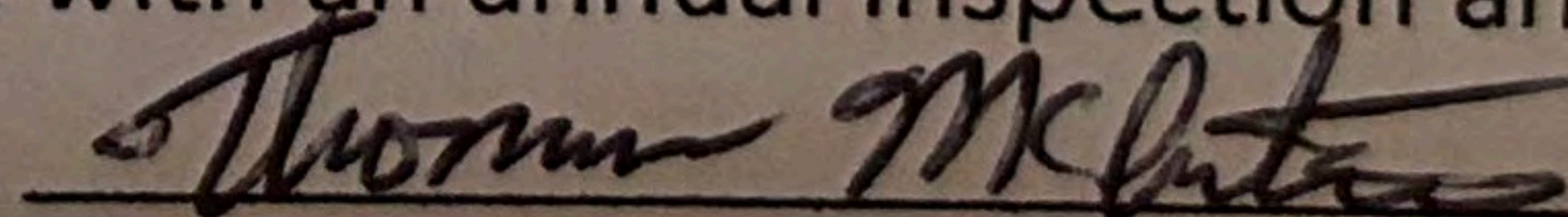
Performed a 100 hour inspection in accordance with CFR Title 14, Part 43 appendix D.

- C/W FAR 91.207 (d) ELT inspection. No defects.

**Airowrthiness Directives (Ads): Checked through biweekly 2019-04.**

- C/W AD 2011-10-09 by visual inspection and dimension check of seat tracks, rollers, housings, and pins. No cracks in tracks. All seat parts within limits. Next due: AFTT: 1778.6 or March 2020.

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



Thomas McIntire A&P3350406IA

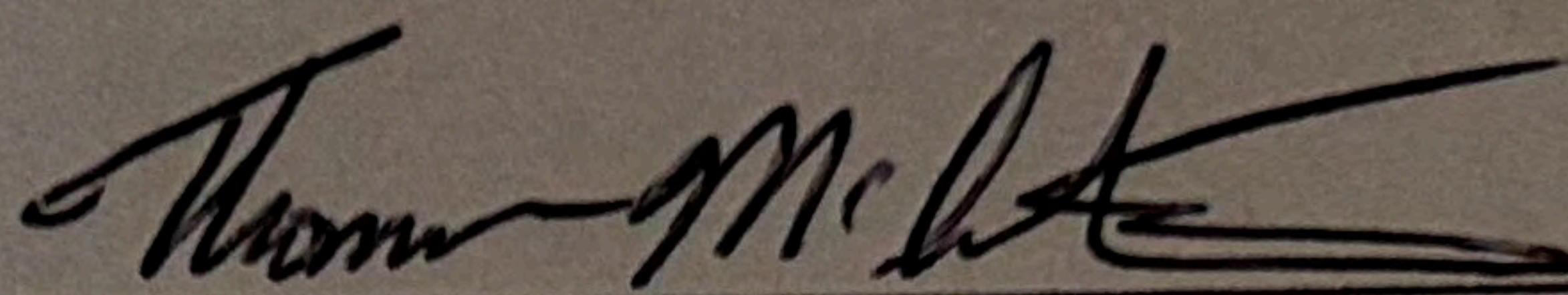


Aero-Tech Services, Inc. ■ 500-P Airport Road ■ Lititz, PA 17543  
Model: 177B  
Make: CESSNA  
Order No.: 37154  
S/N: 17702566

Reg. No.: N19274  
Completed: 03/18/19  
TTAF:

Tach Time: 1679.80

- Re-sealed shimmy dampener using new MS28775-111 and -214 o-rings IAW Cessna 177 Service Manual 5-31. Serviced shimmy dampener IAW section 2-27.
- Repaired cracks in nose wheel pant.
- Adjusted prop governor to 2700 max rpm.



Thomas McIntire A&P3350406



~~This logbook was closed 3/10/2020~~  
~~Sec logbook #3~~

~~AP3129806~~