

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

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Section 1. AIRFRAME LOG

AIRCRAFT DATA

1. Nationality & Registration N5006W
2. Manufacturer's Designation
(Make & Model) Piper PA-28-160
3. Manufacturer's Serial
Number 28-7
4. Type Approval or
Specification Number _____
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____



Section 1: Airframe Log

DATE / /	AIR TIME			LANDINGS / CYCLES		DETAILS OF TASK		
	DAILY TOTAL		TOTAL	DAILY TOTAL	TOTAL	TACH	HOBBS	CEMENT)
	HRS	MIN						
Registration N5006W	9186				TTAF	376.4	--	
	Work Order			Date				
				07/14/20	--			

Air in the brake system. Removed pilot seat. Removed hand brake master cylinder (the only master cylinder in the system) and disassembled. Found a damaged o-ring at the rod seal and end cap, and the "check vavle" o-ring cut. Replaced all o-rings in the master cylinder as well as in the parking brake valve. Assembled and installed. Bled per the Piper maintenance manual instructions. Operational check good, brake fluid topped off.

Elizabethtown Flying Service, Inc.
Addington Field, EKX

John D. Ellis A&P

July 18, 2020 Tach 2384.9 TTAF 2384.9 S/N 28-7 Reg. N5006W

Conducted a 100 Hour inspection IAW FAR 43.13 Appendix D. Lubricated airframe IAW Piper Service Manual. Oil cooler hoses inspected IAW Paragraph (h)(1), (h)(2), (i) (ii) (iii). No defects noted. Inspected Power Flow exhaust system IAW instructions for continued airworthiness. Disassembled Power flow exhaust and Anti-seized IAW Manufactures instructions. No defects noted. Cleaned airframe.

Pitot Static, Altimeter, and Transponder check complete. Due again April 2021.

ELT battery. Due again February 2022.

Performed ELT check IAW FAR 91.207 and found satisfactory.

Complied with the following reoccurring AD Notes;

AD2013-02-13, Elevator control cables. Due every 7 years or 2000 hours TIS. Next due again at Tach 3395.8 or 11/20/2020.

AD2017-14-04 Oil cooler Hoses. Next inspection due again at Tach 2484.9 or by December 2024.

I certify this aircraft has been inspected IAW a 100 Hour inspection and was determined to be in airworthy condition.

A&P

October 17, 2020 Tach 2520.9 TTSN 2345.5 TSMOH 1738.0 Lycoming 0-320-D2A S/N L-4860-39

Replaced pilot side brake caliper piston o ring PN: 484-781

Removed LH magneto to change points and condenser. Reinstalled mag and performed run up to check mag drop, mag drop within limits.

All work done with reference to piper Cherokee SM/MM.

A&P

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

December 04, 2020

Tach 2542.3

TTAF 2542.3

S/N 28-7

Reg. N5006W

Conducted an annual inspection IAW FAR 43.13 Appendix D. Lubricated airframe IAW Piper Service Manual. Set proper aileron, elevator, and rudder control cable tensions. Oil cooler hoses inspected IAW Paragraph (h)(1), (h)(2), (i) (ii) (iii). No defects noted. Inspected Power Flow exhaust system IAW instructions for continued airworthiness. No defects noted. Changed LH fuel sump drain with new Curtis fuel drain P/N CCA-2500, no leaks found. Replaced LH main gear tire and tube with new Condor Tire P/N 072-314-0 and new Aero Classic Tube P/N GL-60877B.

Pitot Static, Altimeter, and Transponder check complete. Due again April 2021.

ELT battery. Due again February 2022.

Performed ELT check IAW FAR 91.207 and found satisfactory.

Complied with the following reoccurring AD Notes;

AD2013-02-13, Elevator control cables, Due every 7 years or 2000 hours TIS. Next due again at Tach 4532.5 or 12/04/27.

AD2017-14-04 Oil cooler Hoses, Next inspection due again at Tach 2642.3.

I certify this aircraft has been inspected IAW an **Annual inspection** and was determined to be in airworthy condition.

A&P

A&P

IA

Date: 12/14/2020 Aircraft: N5006W S/N: 28-7 Time: 2547.7 Tach 1163.5 HOBBS
Piper PA-28

The biennial test and inspection required by 14 CFR Part §91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with 14 CFR Part §43 appendix E. All systems have been tested to 20,000 feet.

The biennial test and inspection required by 14 CFR Part §91.413 on the ATC transponder(s) have been performed and found to comply with 14 CFR Part §43 appendix F.

#1 Altimeter/ADC P/N 671BU-019 S/N AF45-28776

#2 Altimeter/ADC P/N N/A S/N N/A

#3 Altimeter/ADC P/N N/A S/N N/A

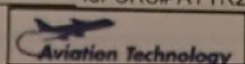
Date Altimeters/ADCs Tested: 12/14/2020

#1 Transponder P/N 153510-000017 S/N 077859

#2 Transponder P/N N/A S/N N/A

The aircraft identified above was inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the inspection are on file at this repair station under Work Order # A4160

Signed [redacted] for CRS# AYTR297X



Louisville, Kentucky 40213

Section 1: Airframe Log

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		

February 04, 2021

Tach 2572.8

TTAF 2572.8

S/N 28-7

Reg. N5006W

Removed plunger from Fuel primer and removed old O-rings and replaced with new O-rings P/N MS29513-012.
Ops check good, no defects noted.

A&P

July 19, 2021

Tach S/N
working

May 31, 2021

Tach 2632.2

TTAF 2632.2

S/N 28-7

Reg. N5006W

Conducted a 100 Hour inspection IAW FAR 43.13 Appendix D. Lubricated airframe IAW Piper Service Manual. Oil cooler hoses inspected IAW Paragraph (h)(1), (h)(2), (i) (ii) (iii). No defects noted. Inspected Power Flow exhaust system IAW instructions for continued airworthiness. Disassembled Power flow exhaust and Anti-seized IAW Manufactures instructions. No defects noted. Replaced Nose wheel tire with new Michelin Condor tire P/N 072-314-0. Replaced nose wheel tube with new Aero Classic P/N GL-6020B. Replaced all brake linings with new Rapco Linings P/N 66-106.

Pitot Static, Altimeter, and Transponder check complete. Due again JAN, 2023

ELT battery. Due again February 2022.

Performed ELT check IAW FAR 91.207 and found satisfactory.

Complied with the following reoccurring AD Notes;

AD2013-02-13, Elevator control cables. Due every 7 years or 2000 hours TIS. Next due again at Tach 3395.8 or 11/20/2020.

AD2017-14-04 Oil cooler Hoses. Next inspection due again at Tach 2732.2

I certify this aircraft has been inspected IAW a 100 Hour inspection and was determined to be in airworthy condition.

A&P

June 28, 2021

Tach 2641.4

TTAF 2641.4

S/N 28-7

Reg. N5006W

LICENCE:

AME or
AMO/ACA

Removed defective Tach S/N 243530 and shipped out for repair.

[REDACTED]

Brittany Stamper A&P

July 19, 2021

Tach 2641.4

TTAF 2641.4

S/N 28-7

Reg. N5006W

Tach S/N 243530 was repaired by Electronics International INC and received today. Installed and verified tach is in working condition. See repair tag for further information.

[REDACTED]

Brittany Stamper A&P

Log Book Entry

Date: January 18, 2022

Make: Piper

Model: PA-28-160

S/N: 28-7

Reg: N5006W

Tach: 2701.8

TTAF: 2701.8

Performed an Annual inspection of this aircraft in accordance with FAR 43 appendix D and the Piper Service Manual Inspection Checklist. Opened inspection panels and inspected aircraft, lubricated aircraft as required using the Piper service manual as a guide, replaced vacuum regulator filter with part number B3-5-1, replaced instrument air filter with part number D9-18-1, removed inspected and cleaned fuel strainer, accomplished AD 20-24-05 Main Wing Spar Left and Right Root Area Corrosion by borescope inspection in accordance with AD instructions (g) (1) (i) with reference to Service Bulletin 1304A with no evidence of corrosion found. Removed and replaced tail mounted Anti-Collision light and installed a "Whelen" Aerospace Technologies LED Anti-Collision Light TSO-C96a Class III approved assembly model OR36R1W part number 01-0772010-52 in accordance with "Whelen installation instructions Form No. 14B92B, this installation requires instructions for continued airworthiness at Annual Inspections, this installation is considered a "Minor" alteration. Repaired nose cowling with a fiberglass repair. Replaced ELT battery with part number BP-1020 and tested ELT in accordance with FAR 91.207, battery due replacement JAN/2024. Registration current through AUG/2024. See AD compliance record. Accomplished the following AD's and Instructions for Continued Airworthiness:

AD 13-02-13 Horizontal Stabilizer Control Cables/ Next due at 2901.8
AD 20-24-05 Main Wing Spar Root Area Corrosion/ Next due JAN/2029
Appareo Stratus ES/ESG System Document Number 600845-000025

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

David Birgmann A/P [REDACTED] /A

Section 1: Airframe Log

Log Book Entry

Date: January 31, 2022
Make: Piper
Model: PA-28-160
S/N: 28-7

Reg: N5006W
Tach: 2706.4
TTAF: 2706.4

Replaced ignition switch with Bendix part number 14314-02 and replaced left and right "P" lead wiring from ignition switch to left and right magneto with reference to the Piper Service manual and AC 43.13-1B. Accomplished an operational check of ignition switch and magneto operation with no discrepancies noted.

David Birgmann A/P [REDACTED] I/A

Log Book Entry

Date: March 25, 2022
Make: Piper
Model: PA-28-160
S/N: 28-7

Reg: N5006W
Tach: 2780.6
TTAF: 2780.6

Performed a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D and the Piper Service Manual Inspection Checklist. Opened inspection panels and inspected aircraft, lubricated aircraft as required using the Piper service manual as a guide, replaced vacuum regulator filter with part number B3-5-1, removed inspected and cleaned fuel strainer, tested ELT in accordance with FAR 91.207, battery due replacement JAN/2024. Registration current through AUG/2024. See AD compliance record. Accomplished the following AD's and Instructions for Continued Airworthiness:

Appareo Stratus ES/ESG System Document Number 600845-000025

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

David Birgmann A/P [REDACTED] I/A

Log Book Entry

Date: June 24, 2022
Make: Piper
Model: PA-28-160
S/N: 28-7

Reg: N5006W
Tach: 2879.7
TTAF: 2879.7

Performed a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D and the Piper Service Manual Inspection Checklist. Opened inspection panels and inspected aircraft, lubricated aircraft as required using the Piper service manual as a guide, removed inspected and cleaned fuel strainer, replaced left main tire, replaced left and right brake discs with part number 164-00500, replaced left and right brake linings with part number 066-105, bled brake system. Tested ELT in accordance with FAR 91.207, battery due replacement JAN/2024. Registration current through AUG/2024. See AD compliance record. Accomplished the following AD's and Instructions for Continued Airworthiness:

ICA Appareo Stratus ES/ESG System Document Number 600845-000025

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

David Birgmann A/P [REDACTED] I/A

Log Book Entry

Date: July 25, 2022
Make: Piper
Model: PA-28-160
S/N: 28-7

Reg: N5006W
Tach: 2919.3
TTAF: 2919.3

- Removed and replaced right main tire and tube in accordance with the Piper Service Manual.
- Inspected left brake assembly for condition due to reported dragging brake with no discrepancies noted.

David Birgmann A/P [REDACTED] I/A
[REDACTED]

Log Book Entry

Date: November 5, 2022
Make: Lycoming
Model: O-320-D2A
S/N: L-4860-39
David Birgmann A/P 3958469 I/A

Reg: N5006W
Tach: 2961.5
TTSMOH: 2233.5
Eng TT: 2961.5

- Removed and replaced generator in accordance with the Piper Service manual section XI Electrical Systems.
- Removed and replaced voltage regulator with part number VR300-15-35 in accordance with the Piper Service Manual Section XI Electrical Systems.
- Tested generator system in accordance with the Piper Service Manual Section XI Electrical Systems.

David Birgmann A/P [REDACTED] I/A
[REDACTED]

Logbook Entry

Date: February 1, 2023
Make: Piper
Model: PA-28-160
S/N: 28-7

Registration: N5006W
Tach: 2984
TTSMOH: 2256.0
Eng TT: 2984

Deactivated Transponder and installed placard labeled "INOPERATIVE" in accordance with FAR 91.213(d)(3)(ii).
----- END -----

Jake Kuprion A/P [REDACTED]
[REDACTED]

Section 1: Airframe Log

January 5, 2023

Logbook Entry

Reg: N5006W

Make: Piper
Tach Time: 2974.8

Model: PA-28-160
TTAF: 2879.7

Serial Number: 28-7

- Performed an annual inspection of this aircraft in accordance with FAR 43 appendix D and the Piper Service Manual Inspection Checklist.
- Opened inspection panels and inspected aircraft, lubricated aircraft as required using the Piper service manual as a guide.
- Replaced vacuum regulator filter with part number **B3-5-1**.
- Replaced instrument air filter with part number **D9-18-1**.
- Removed inspected and cleaned fuel strainer.
- Accomplished repair to lower cowling with reference to AC 43.13-1B.
- Repaired right cabin air door bracket with reference to AC 43.13-1B.
- Tested ELT in accordance with FAR 91.207, battery due replacement **JAN/2024**.
- Registration current through AUG/2024.**

See Airworthiness Directive Compliance record. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 13-02-13 Horizontal Stabilator Control Cables/ Next Due 3174.8 total airframe time or JAN/2030 whichever occurs first.

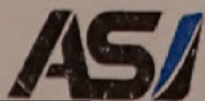
Appareo Stratus ES/ESG System Document Number 600845-000025

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

David Birgmann A/P [REDACTED] I/A

wo: AVI23-00008

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AIRCRAFT
SPECIALISTS
MAINTENANCE & AVIONICS

Aircraft Specialists, Inc.

Sellersburg, Indiana 47172

CRS#: PZ4R458M

N5006W

TACH: 2985.5

PIPER, PA-28, S/N: 28-7

February 03, 2023

1. **Comply with FAR 91.411 & 91.413** - The biennial test and inspection required by 14 CFR Part §91.411 on the static pressure system(s), altimeter instrument(s), and automatic pressure altitude reporting system(s) have been performed and found to comply with 14 CFR Part §43 Appendix E. All systems have been tested to 20,000 feet. The biennial test and inspection required by 14 CFR Part §91.413 on the ATC transponder(s) have been performed and found to comply with 14 CFR Part §43 appendix F.

- Altimeter/ADC (1) P/N 671BU-019 S/N AF-28776
- Date Altimeters/ADCs Tested: 02/03/2023
- Transponder (1) P/N 153510-000017 S/N 077859.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Aircraft Specialists, Inc. under work order: AVI23-00008.

Denny Goodman FAA CRS PZ4R458M

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March 2, 2023

LICENCE:
AME or
MO/ACA

Logbook Entry

Reg: N5006W

Make: Piper

Model: PA-28-160

Serial Number: 28-7

Tach Time: 2999.6

TTAF: 2999.6

- Removed and replaced left and right brake discs with new "Rapco" part number RA164-00500.
- Serviced and bled brake system with no brake leaks noted.

David Birgmann A/P [REDACTED] I/A

January 15, 2024

Logbook Entry

Reg: N5006W

Make: Piper

Model: PA-28-160

Serial Number: 28-7

Tach Time: 3068.7

TTAF: 3068.7

- Performed an annual inspection of this aircraft in accordance with FAR 43 appendix D and the Piper Cherokee Service Manual (Part Number 753 586) Section III Inspection, using Table III-1 Inspection Report.
- Opened inspection panels and inspected aircraft, lubricated aircraft as required using the Piper Service Manual (Part Number 753 586) Section II Handling and servicing 2-83 Lubrication charts with reference to figures 2-43, 2-45, 2-47 through 2-51.
- Replaced vacuum regulator filter with part number **B3-5-1**.
- Replaced instrument air filter with part number **D9-18-1**.
- Removed inspected and cleaned fuel strainer in accordance with the Piper Cherokee Service Manual (Part Number 753 586) section II Handling and Servicing 2-61 with reference to figure 2-41.
- Replaced seals in right main landing gear struts in accordance with the Piper Cherokee Service Manual (Part Number 753 586) section VII, 7-14 Main Landing Gear 7-15 through 7-17 with reference to figure 7-5.
- Installed shims in left and right main landing gear torque links as required by note in section VII, 7-14 Main Landing Gear, 7-17 Eliminate side play.
- Replaced seals in brake calipers in accordance with the Piper Cherokee Service Manual (Part Number 753 586) section VII, 7-31 through 7-33.
- Serviced hydraulic reservoir and Bled brake system in accordance with the Piper Cherokee Service Manual (Part Number 753 586) section VII 7-52.
- Replaced ELT battery with part number BP-1020 and tested ELT in accordance with FAR 91.207, battery due replacement **JAN/2026**.
- **Registration current through AUG/2028.**

See Airworthiness Directive Compliance record. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 13-02-13 Horizontal Stabilator Control Cables/ Next Due 3174.8 total airframe time or JAN/2030 whichever occurs first.

Appareo Stratus ES/ESG System Document Number 600845-000025

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

David Birgmann A/P [REDACTED] I/A

September 7, 2024

NT)

Logbook Entry

Reg: N5006W

Make: Piper
Tach Time: 3168.3

Model: PA-28-160 Serial Number: 28-7
TTAF: 3168.3

- Performed a 100-hour inspection of this aircraft in accordance with FAR 43 appendix D and the Piper Cherokee Service Manual (Part Number 753 586) Section III Inspection, using Table III-1 Inspection Report.
- Opened inspection panels and inspected aircraft, lubricated aircraft as required using the Piper Service Manual (Part Number 753 586) Section II Handling and servicing 2-83 Lubrication charts with reference to figures 2-43, 2-45, 2-47 through 2-51.
- Replaced vacuum regulator filter with part number **B3-5-1**.
- Replaced instrument air filter with part number **D9-18-1**.
- Removed inspected and cleaned fuel strainer in accordance with the Piper Cherokee Service Manual (Part Number 753 586) section II Handling and Servicing 2-61 with reference to figure 2-41.
- Replaced seals in parking brake valve in accordance with the Piper Cherokee Service Manual (Part Number 753 586) section VII Landing Gear And Brake System, 7-41 through 7-45, Removal, Disassembly, Cleaning, Inspection And Repair Of Parking brake Valve, Assembly Of Parking Brake Valve, and Installation Of Parking Brake Valve with reference to figure 7-18.
- Serviced hydraulic reservoir and Bled brake system in accordance with the Piper Cherokee Service Manual (Part Number 753 586) section VII 7-52.
- Tested ELT in accordance with FAR 91.207, battery due replacement **JAN/2026**.
- **Registration current through AUG/2028.**

See Airworthiness Directive Compliance record. Accomplished the following Airworthiness Directives and Instructions for Continued Airworthiness:

AD 24-14-03 Autopilot Systems Software Update/ Does not apply due to affected autopilot listed in AD is not installed.

AD 13-02-13 Horizontal Stabilator Control Cables/ Next Due 3268.3 total airframe time or SEP/2031 whichever occurs first.

Appareo Stratus ES/ESG System Document Number 600845-000025

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

Ken Wells A/P

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