



Ridgeline Aviation Inc · 210 Aviation Ln · Belgrade, MT 59714 · (406) 579-9059

N8576Y

TACH: 1075.1

PIPER, PA-18-150, S/N: 18-8889

TTSN: 4477.7

April 05, 2024

Complied with ANNUAL AIRFRAME INSPECTION IAW 14 CFR Part 43 Appendix D & Piper PA-18 MM/Checklist:

- Serviced/greased mains & tail wheel, cleaned & lubricated all control surfaces, serviced brake master cylinders, serviced gascolator, & cleaned aircraft.
- Repaired intermittent rear PTT switch.
- Inspected ELT per FAR 91.207 (d) - passed, battery due SEPTEMBER 2024.
- C/W AD 76-07-12 mag switch test - passed, next due 1175.1 tach.

"I certify this AIRFRAME has been inspected IAW a 100-HR/annual inspection & was determined to be in airworthy condition, approved for return to service." Details of work performed are on file with Ridgeline Aviation under work order: WO-23462.



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TACH: 1075.1

Sensenich, 74DM6-0-56, S/N: K37599

PTSN: 2087.5

PTSO: 1205.2

April 05, 2024

TTAF: 4477.7

- Complied with ANNUAL PROPELLER INSPECTION IAW 14 CFR Part 43 Appendix D & Piper PA18 Checklist.

"I certify this PROPELLER has been inspected IAW a 100-HR/annual inspection & was determined to be in airworthy condition, approved for return to service." Details of work performed are on file with Ridgeline Aviation under work order: WO-23462.





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TACH: 1075.1

LYCOMING, 0-320 SERIES, S/N: L-27883-27A

SMOH: 1044.7

April 05, 2024

Complied with ANNUAL ENGINE INSPECTION IAW 14 CFR Part 43 Appendix D & Lycoming MM using Piper PA18 Checklist:

- Drained oil & cleaned screen, no metal found. Installed new oil filter & serviced with 7 quarts Aeroshell 15W50. No leaks on run-up.
- C/W AD 2009-26-12 - performed compression test - passed (#1-73/80, #2-70/80, #3-70/80, #4-72/80).
- Checked magneto timing, no adjustment needed. Cleaned/tested spark plugs, pressure-tested exhaust.

"I certify this ENGINE has been inspected IAW a 100-HR/annual inspection & was determined to be in airworthy condition, approved for return to service." Details of work performed are on file with Ridgeline Aviation under work order: WO-23462.



Date: 04/02/2024 Make/Model: Piper PA-18-150

Tail #: N8576Y

Serial #: 18-8889

Airframe Hours: 4477.7 TTAF

Misc: Tach 1075.1

Engine: Lycoming O-320-A2B

Serial #: L-27883-27A







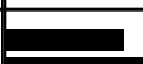





Hours: 1044.7 SMOH

Propeller: Sensenich 74D (M74D) Series


Serial #: K37599





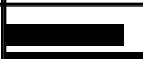

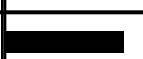






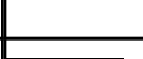




Hours: 1205.2 PTSO, 2087.5 PTSN



Piper PA-18-150

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
53-04-01 04/01/53 Airframe	Control Stick Attachment		Previously Complied With			
53-24-04 02/01/54 Airframe	Fuel Hydraulic Lines		N/A by Serial No.			
59-10-08 07/15/59 Airframe	Gas Tank Cap Vent		Previously Complied With			
60-10-08 07/15/60 Airframe	Fuel Selector Valve		N/A new type valve installed per Cub Crafters STC SASE00415	Yes		
61-16-05 07/26/61 Airframe	Control Cable Replacement		Previously Complied With			
62-02-05 01/23/62 Airframe	Rudder Cable Attachment Lug		N/A by Serial No.			
68-05-01 03/31/68 Airframe	Exhaust Mufflers		N/A AA-5B exhaust installed per STC SY1920CH	Yes*		
69-23-03 10/24/69 Airframe	Lower Longeron Inspection		N/A by Serial No.			
78-10-03 05/23/78 Airframe	Fuel Venting Modification		Previously Complied With			
81-06-08 11/19/81 Airframe	Lower Fuselage Attachment Tab		Previously Complied With			
85-06-04 05/04/85 Airframe	Fuel Tank Drain Valves		Placard fuel tank drains			
15-08-04 06/03/15 Airframe	Wing Lift Strut Forks		N/A univair sealed struts installed	Yes		





Engine: Lycoming O-320-A2B

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
55-02-02 02/28/55 Engine	Accessory Drive Adapter Gasket		N/A by Serial No.			

59-10-07 07/01/59 Engine	Cylinder Baffle Clamps		Previously Complied With - Cylinder clamps reworked			
63-23-02 12/09/63 Engine	Exhaust Valves and Valve Guides		Previously Complied With	Yes		
64-16-05 07/10/64 Engine	Oil Seal Failure in AC Fuel Pumps		N/A fuel pump not installed			
66-20-04 08/27/66 Engine	Oil Filter Adapter Gasket		N/A oil filter not installed			
73-23-01 01/13/77 Engine	Piston Pin Cracks From Grinding		Previously Complied With			
75-08-09 08/18/77 Engine	Oil Pump Drive Shaft and Impeller		Previously Complied With			
87-10-06 R1 09/01/89 Engine	Rocker Arm Assembly		N/A by Serial No.			
90-04-06 R1 05/28/91 Engine	Propeller Governor External Oil Line		N/A not installed			
92-12-05 07/10/92 Engine	Piston Pin Failure		Previously Complied With			
93-11-11 06/21/93 Engine	Diaphragm Fuel Pumps Overhauled (by AAI)		Not Applicable			
95-26-02 01/24/96 Engine	Detonation Due To Low Octane		N/A by Serial No.			
96-09-10 07/15/96 Engine	Oil Pump Impeller Failure		Previously Complied With			
97-15-11 08/12/97 Engine	Piston Pin Failure		Previously Complied With			
98-02-08 03/30/98 Engine	Crankshaft Corrosion Pits		N/A PID Crankshaft Installed	Yes		
98-17-11 10/19/98 Engine	Crankshafts Installed by Nelson Balancing Service		N/A No work done by Nelson Balancing			
04-10-14 06/25/04 Engine	Crankshaft Gear Retaining Bolt		N/A by Model	Yes		
06-12-07 07/11/06 Engine	ECi Cylinder Assemblies		N/A by Serial No.			
07-04-19 R1 05/07/07 Engine	Superior Air Parts Cylinder Assemblies		N/A - ECI Cylinders installed			

09-26-12 02/04/10 Engine	ECi Cracked Cylinder Assemblies	04-05-2024/1075.1 Tach	Compression check, leak test	Yes	1175.1 Tach	
17-16-11 08/15/17 Engine	Connecting Rod Failure		Not Applicable			

Propeller: Sensenich 74D (M74D) Series

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
60-11-08 05/28/60 Propeller	Hub Cracks		Previously Complied With	Yes		
66-23-02 10/01/66 Propeller	Corrosion Pits Under Water Soluble Mid Blade Decals		Not Applicable			
03-13-17 07/18/03 Propeller	T and W Serviced Propellers		N/A No work done by T and W Propeller			
05-14-11 08/17/05 Propeller	Southern California Propeller Serviced Propellers		N/A No work done by Southern California Propeller			

Appliance: Power Plant - Ignition - Switches

AD# Eff Date Category	Subject	Date/Hours at Compliance	Method of Compliance	Rec	Date/Hours Next Due	Signature and Number
76-07-12 08/30/77 Appliance	10-357XXX, 10-126XXX, 10-157XXX - Switch Repair or Replacement	04-05-2024/1075.1 Tach	Complied with By Operational Test	Yes	1175.1 Tach	