

The Standard

AIRCRAFT LOG

ASA-SA-1

Date: 08/12/2024 Hours: Tach: 1769.3

Tail#: N5746U

Make: Piper

Model: PA-28-140

S/N: 28-26567

Repairs and Alterations

(Certificate Number of Technician or Repair
No.)

Removed right main landing gear lower strut and replaced packing 4326 and gasket AN901-5A. Reinstalled strut and serviced both, left and right main struts with 5606 and nitrogen as required.

Replaced vacuum pump. Installed overhauled PN: 211CC, cleaned vac system hoses and installed new filters RA-D9-18-1 and RA3-5-1. Ops check good.

Branson Stafford  AP3859090

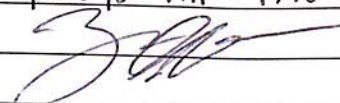
- AIRFRAME ENTRY 2/1/2025 N5746U Piper PA-28-140 SN: 28-26567 Tach: 1798.6 ACTT: 4095.6
- Performed annual inspection/service IAW FAR 43 Appendix D, scope and detail and referenced the manufacturers service manual. Tested ELT IAW FAR 91.207d found ok, battery due Dec 2025. Inspected and lubed all controls, in or Repair
- Replaced Brackett filter element PN: BA-3. Installed new vacuum relief filter R3-5-1. Replaced left and right brake linings RA66-105, serviced reservoir w/ 5606. Replaced left and right fuel tank flexible hose assemblies 63901-15.
- Replaced Left and Right fuel transmitter gasket MC462-021. Replaced Carburetor to strainer hose S1167-6-0220
- and Electric pump to engine pump hose 111417-6S-0184. Replaced gascolator gasket CA462-049.
- AD72-08-06 Inspection of Landing gear torque links due @ Tach: 1950.1
- AD13-02-13 Inspection of the Stabilator Control System due @ACTT: 5837.6 or April 2028 whichever occurs first.
- AD20-24-05 by inspection of the left and right Main Wing Spar due April 2028.
- Performed post inspection ground run, all systems normal at this time. I certify that this aircraft has been inspected IAW an annual inspection and was determined to in be in an AIRWORTHY condition at this time.

Branson Stafford  AP3859090IA

N5746U

Piper PA-28 140C

S/N-28-26567

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.)
1924				
02/26	17 06.61			Found rudder cables loose at 15 pounds. Tightened rudder cables to 40 pounds IAW PA-28 AMM Safety wired and rechecked good at 40 pounds. With respect to the work performed, I certify that this airframe is in airworthy condition and is approved for return to service.
				Zachery Mayo AIP 4770143
				



1817 Aviation Dr.
Wilmington, NC 28405
United States

Telephone: 910 505 9508
Email: ILMMX@modern-aviation.com

Registration #: N5746U	Total AC Time: 194.4	Total AC Cycles:
Manufacturer: Piper Aircraft Corp.	Hour Meter: 1,758.13	
Part/Model number: PA 28 140	Aircraft Serial Number: 2826567	
Work Order No: NCRS 15864	Date: 07/16/2024	

Squawk

1.1 R/H MLG STRUT COLLAPSED. REPACKED R/H MLG STRUT IAW PIPER AMM SECTION 7-14 TO 7-20. SECURITY CHECK GOOD. LEAK CHECK GOOD AT THIS TIME. REPLACED BRAKE PISTON O RING IAW SECTION 7-33. SECURITY AND LEAK CHECK GOOD AT THIS TIME.

The aircraft, airframe, appliance, or article identified in Work Order NCRS-15864 was repaired and inspected in accordance with the current Regulations of the Federal Aviation Administration and is airworthy with respect to the maintenance, preventive maintenance, or alterations as described in the customer work order. Pertinent details of the maintenance actions are on file at this repair station under the above Work Order.

Signed 
(Signature of Authorized Representative)
for Modern Aviation

A&P# 4918777

Date 7/16/24

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wo: WO_12176

Airframe - page 1 of 1



D2 Government Solutions/Mx · 824 Aviation Drive · New Bern, NC 28562 · 2526369918

N5746U

Piper, PA-28-140, S/N: 28-26567

June 14, 2023

Tach : 1642.5

- AD69-22-02 Control Yokes: N/A due to Rams horn type previously installed. (no longer recurring).
- AD60-11-08 Propeller hub: N/A by engine model number.
- C/W AD2017-14-04 Oil Cooler Hoses: Inspected hoses IAW (h) 1 and checks good at this time. Next due 1742.5 Hoses due replacement Nov 2030 or 2606.5 tach.

With respect to the work performed, this airplane is approved for return to service.

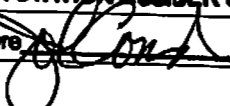
Ricky Hawkins IA 3410247

DATE 19__	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.)
11/11	3997.26		1700.19	Annual Inspection. Inspected pulleys and cables. Serviced Tires brakes and battery. Checked lights and stall warning for proper operation. Lubricated. Replaced ELT battery and c/w FAR 91.207(d) by inspection and ops checked. c/w AD 2017-14-04 on oil hoses by visual inspection. Annual inspection c/w: IAW FAR 43 Appendix D.

I certify that this Aircraft N5746U
 Inspected in Accordance With FAA Part 43
 Inspection And Was Determined Safe
 Airworthy Condition. Tach Reading 1700.19
 Aircraft Total Time 3997.26 Date 11/11/2023

 Maurice Lemmond
 A&P 2060781A1


DATE 19__	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.)
3-2	2023	TACH: 1609.3		INSTALLED NEW Gill G-35 BATTERY. OPS CHECK NORMAL, OK FOR SERVICE. Dave Kapica A/P 3313849
3-20	2023	TACH: 1615.76		Removed and replaced starter Contactor P/N: P52-0034-1. Ops check good. Jeffrey Egan A+P 3846450

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12-19-2022	TACH: 1607.7			REINSTALLED Altimeter After O'haul SEE FORM 8130-3 IN ACTT RECORDS. Dave Kapica AP3313849
	12/28/22			TAC 1608.15 See WO# 8262 Pitot/Static sys check.
				I certify that the static system(s) were tested and inspected as per §1.411 IAW Part 43, Appendix E, paragraph A.
				GONRAD AERO 1200 FLIGHT LINE DR. THREE RIVERS, WI 49083 REPAIR STATION NUMBER C9NR680J
				Signature  Date 12/28/22

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11-8-2022	TACH: 1606.6		TT: 3903.6	ANNUAL INSPECTION PER APPROVED CHECKLIST. ALL PANELS REMOVED, ALL CONTROLS CHECKED FOR SECURITY. CHECKED WHEELS AND BRAKES. REPAIRED CRACK ON LH WHEEL FAIRING ATTACH BRACKET. INSTALLED NEW L AND R FUEL TANK SUMP DRAIN VALVES. RELAMPED LANDING LIGHT. RELAMPED BEACON. 9WAD 69-22-02 BY INSP. 9WAD 2017-14-04(i)(1) BY INSTALLING NEW TSO-C53a TYPE D HOSES. AIRCRAFT WAS TEST RUN AND ALL SYSTEMS OPS CHECK NORMAL. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSP. AND WAS DETERMINED TO BE IN A AIRWORTHY CONDITION. TESTED ELT FOR OPERATION.
				Dave Kapica AP3313849 IA

DATE 19__	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.)
				<p>Date: 11-10-22 Tach Time: 1607.16</p> <p>N5746U WO# 8240</p> <p>I certify that the ATC Transponder(s) were tested and inspected as per 91.413 IAW Part 43, Appendix F Transponder #1 S/N 84134212, GTX-330 Transponder #2 S/N Automatic altitude reporting system tested and inspected as per 91.411 IAW Part 43, Appendix E, Paragraph C to 18,000 feet.</p> <p>CONRAD AERO 1200 Flight Line Drive, Unit 516 THREE RIVERS, MI 49093 269-279-6000 REPAIR STATION NUMBER C9NR680J</p> <p>Signature: <i>[Signature]</i> Date 11-10-22</p> <p>I certify that the static system(s) were tested and inspected as per 91.411 IAW Part 43, Appendix E, paragraph A.</p> <p>CONRAD AERO 1200 Flight Line Drive, Unit 516 THREE RIVERS, MI 49043 269-279-6000 REPAIR STATION NUMBER C9NR680J</p> <p>Signature: <i>[Signature]</i> Date 11-10-22</p>

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N 5746U Tach 1520.2 AFTT 3779.2 Date: 8-2-2021

Airframe:

Found suction low, removed vacuum pump and replaced with serviceable unit, tightened IAW manufacturers install instructions. Ran up and checked OK.

Richard Buice AIP 3088506

Date: 4-21-21 N# 5746U Tach 1450.1

I certify that this aircraft has been inspected IAW FAR 91.411 & FAR 91.413 and has been found to be in airworthy condition at this time. This aircraft is approved for return to service.

CRS # 07XR406Y Repairman # 3764231 *Richard Buice*

DATE 19__	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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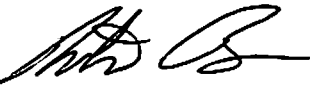
N 5746U Tach 1540.60 AFTT: 3837.64 Date: 9-1-2021

Airframe:

Performed 100hr inspection IAW FAR 43 appendix D and Manufacturers Maintenance Manual. Removed all panels, greased and lubed all flight controls. Checked all cable tensions. Replaced MLG tires with new Air Hawk 6x6.00 and inflated per POH. Recharged nose strut with Hyd 5606 and nitrogen according to Manufacturers maintenance manual. Found right main strut leaking, removed and Installed new seal kit P/N 06-03975, Recharged with Hyd 5606 and nitrogen. Complied with ELT inspection IAW FAR 91.207, no faults noted. This airframe has been inspected for a 100hr inspection and has been found to be in airworthy condition at this time. This Airframe is approved for return to service.

Richard Buice A&P/IA 3088506 *Richard Buice*

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		6/6/15 TR	1443.98	AIRCRAFT INSPECTED FOR ANNUAL USING STANDARD Check list, AND I CERTIFY THAT N5746U HAS BEEN FOUND AIR WORTHY. John Walter Cmp 2154062/A
		12/2/17 TR	1445.87	AIRCRAFT INSPECTED FOR ANNUAL USING STANDARD Check list. AND I CERTIFY THAT N5746U HAS BEEN FOUND AIR WORTHY. John Walter Cmp 2154062/A

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		N 5746U	Tach 1450.1	AFTT: 3747.14
				Date: 4-28-2021
				Airframe: Performed Annual/100hr inspection IAW FAR 43 appendix D and Manufacturers Maintenance Manual. Removed all panels, greased and lubed all flight controls. Checked cable tensions. Removed nose tire and strut, replaced nose strut seals with new P/N 06-03965 Kit. Replaced Tube and tire with new Air Hawk 6x6.00. Recharged nose strut with Hyd 5606 and nitrogen according to Manufacturers maintenance manual. Found left main strut leaking, removed and Installed new seal kit P/N 06-03975. Recharged with Hyd 5606 and nitrogen. Installed new inspection Kit P/N 09-05579 in accordance with Piper wing spar service bulletin 1304A and complied with AD 20-24-05 by visual inspection with 10x Borescope, no faults noted. Complied with ELT inspecion IAW FAR 91.207, no faults noted. This airframe has been inspected for an annual inspection and has been found to be in airworthy condition at this time. This Airframe is approved for return to service.
		Richard Buice	A&P/IA 3088506	

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		10/12/10	TR 1403.82	Aircraft inspected for Annual using Standard Check list and I certify that N5746U has been found airworthy. John Walter Pugh A# 2194062/A
		11/2/11	TR 1417:89	Aircraft inspected for annual using Standard Check list and I certify that N5746U has been found airworthy. John Walter Pugh A# 2194062/A
	QW 2010-1570			

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		12/19/12	TR 1429:75	Aircraft inspected for Annual using Standard Check list and I certify that N5746U has been found air worthy. John Walter Pugh A# 2194062/A
	QW 176-07-12 81-207	2/23/14	TR 1442.53	AIRCRAFT INSPECTED FOR ANNUAL USING STANDARD CHECK LIST, AND I CERTIFY THAT N5746U HAS BEEN FOUND AIRWORTHY. John Walter Pugh A# 2194062/A

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		11/20/04	TK 1256:17	Aircraft inspected for Annual using standard check list. Replaced C/T battery good through Nov. 06 C/W 91201, and I certify that N5746U has been found airworthy. Adam Miller AIP 21940621A
		11/19/05	TK 1310.53	Aircraft inspected for Annual using standard check list. And I certify that N5746U has been found airworthy. Adam Miller AIP 21940621A

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		3/20/07	TK 1343.85	Aircraft inspected for Annual using standard check list C/W 91201 parts replaced and flight - cert N5746U has been found airworthy. Adam Miller AIP 21940621A
		WED		COMPASS CARD AND 2yr SWTIZ NEED TRAINING DE AND GWCOPEN CERTIFICO

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				11/14/98 TR. 1248.45 Aircraft inspected for Annual and I certify that NS 7460 has been found airworthy. John Walter Park 19472194062/A
				5/5/00 TR. 1266.1 Aircraft inspected for Annual, checked left brake hose and E-1 battery and I certify that NS 7460 has been found airworthy. John Walter Park 19472194062/A

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				11/8/00 TR. 1266.1 Installer on left main cell main wheel and brake assembly John Walter Park 19472194062/A
				12/23/02 TR. 1283.88 E-T Battery replaced c/w 91.207 Aircraft inspected for Annual using standard check list and I certify that NS 7460 has been found airworthy. John Walter Park 19472194062/A

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				5/5/95 Log book to this Aircraft has been lost & Estimated total time 3500 hours. Tach Time 1202.96. Aircraft inspected for Annual. C/W AD'S 93-18-03, 93-19-04, 84-26-02, 76-07-12 R1, 78-09-07, 94-01-03, 94-06-09, 70-16-05, C/W Payer S.B. # 977, Replaced ESI battery. I certify that this Aircraft and propeller has been inspected for Annual and has been found Airworthy.
				John Walter Prady 16829402 A

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				9/1/96 TK 1227.1 T.T. OK Aircraft and propeller inspected Annual. AD'S C/W 96-10-01 96-10-03. I certify that this Aircraft has been inspected for Annual and has been found Airworthy. John Walter Prady 16829402 A

DATE

19 95

TOTAL
TIME IN
SERVICE

Current Weight and Balance Information

Empty Weight

Empty C.G.

Useful Load

Remarks

4/12/

1293.4 lbs

85.00"

856.6 lbs

Aircraft Record General Information

Manufacturer Piper Model PA28-140

Serial 28-26567 Registration Number N57460

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer Sensenich Model 74DM6-65V

HUB Model _____ Serial AC3762 Serial _____

Blade Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____