

73874

PA 30-442

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

LEFT ENGINE

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N7387Y

Engine Manufacturer Lycoming

Model IO-320-B1A

Serial No. L-1006-55

Date installed on aircraft MAY 1964

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right ☒ Left
☐ Front ☐ Rear

LEFT INJECTOR

RSA-5A01

SER. # 5047

PARTS LIST # 2524145-5

Flow Divider Part # 2526388

PA 30 Air Filter:

FRAM CA 144PL

MOTORCRAFT FA-18

PUROLATOR AFPI W/ 42040

CHAMPION Spin On Oil Filter
CH 48110

LEFT Prop GOVERNOR

PARTS

F-6-3

1323T

LEFT MAG
856971

RIGHT MAG
856974

LEFT DECELERATOR SERIAL # 4057

BENDIX Ignition HARNESS

SPEC # 10-720326-2

VAC Pump 211CC

AERO
TECH PUBLICATIONS INC.

P.O. BOX 528 / OLD BRIDGE, NJ 08857

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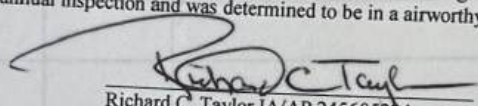
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
8-2-85	3446:90	1724:90	3446:90	ENG. COMP. CK. #1 ⁸⁹ #2 ⁸⁹ #3 ⁸⁹ #4 ⁸⁹ #7 ⁸⁹ #8 ⁸⁹ . CHG. OIL & SER WITH 8 QTS AEROSHELL 15W50 MULTIGRADE, CHG. OIL FILTER CPO-100, REINSTALLED PROPELLER HARTZELL HC-E24L-2BS/7663-4 S/N BB3523 AFTER C/W HARTZELL SB 142 & PIPER SB NO. 805 C/W BY PIEDMONT AVIATION, INC. (SEAL REPLACEMENT). W.O. 42153 DATED 7-26-85 REPLACED ALL ENGINE SHOCK MTS. 4ea. PIPER P/N 475-116 & 4ea. P/N 475-117. REPAIRED ALTERNATE AIR BOX. I certify that this <u>ENGINE</u> has been insp. in accordance with a <u>ANNUAL</u> insp. and was deter- mined to be in air worthy condition. Time in ser. <u>3446:90</u> Tachs <u>3446:90</u> <u>James A. Funches</u> IA # 2961012
3-15-86	3479:13		3479:13	CHG Oil 8qts of 15W50 Aero Shell - CPO 100 Filter
4-25-86	3480:34		3480:34	REINSTALLED PROP. GOV. HARTZELL MOD F-63 S/N 1323T AFTER REPAIR BY AERO ACCY. R/E NO. 766-44 W.O. NO. 54391 DATED 4-23-86 ADJUSTED. REINSTALLED FUEL INJ. MOD. NO. RSA-SADI S/N 5047 AFTER FLOW CHECK BY PIEDMONT AVIATION. INC. W.O. NO. 13914 DATED 4-21-86. OPERATIONAL CK. O.K. <u>James A. Funches</u> AIP 2061012
5-17-86	3483:07		3483:07	CH BOIL SER. WITH 8 QTS AEROSHELL W 40 W.T.
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James A. Funches
AIP 2061012

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9-1-86	3486:35	1764:35	3486:35	ENG. COMP. CK. #1 ⁸⁰ /78 #2 ⁸⁰ /79 #3 ⁸⁰ /78 #4 ⁸⁹ /80 ADJ PROP. CONTROL & REPOSITIONED RETURN SPRING. ROUTINE MAINT & SERVICE. I certify that this <u>ENGINE</u> has been insp. in accordance with <u>Q-IV</u> <u>ANNUAL</u> Insp. and was deter- mined to be in air worthy condition. Time in ser. <u>3486:35</u> Tach <u>3486:35</u> <u>Junior A. Funcher</u> IA # 2061012
3-7-87	3513:40	1791:40	3513:40	ENG. COMP. CK. ALL CYLS. ⁸⁰ /77 & ABOVE. CHG. OIL & SER. WITH 8QTS AEROSHELL 15W50. CHG. FILTER CFC-100, INSTALLED ALL NEW FUEL, OIL, HOSES & FIRESLEEVES. NEW MAN. PRESS HOSE TO FIREWALL. I certify that this <u>ENGINE</u> has been insp. in accordance with <u>Q-IV</u> <u>ANNUAL</u> Insp. and was deter- mined to be in air worthy condition. Time in ser. <u>3513:40</u> Tach <u>3513:40</u> <u>Junior A. Funcher</u> IA # 2061012
8-13-88	3545:65		3545:65	DRAINED AND REPLACED 8QTS Oil With 8QTS AERO/SHELL 15W50
2-2-89	3565:65		3565:65	DRAINED AND REPLACED 8QTS 15W50W AERO/SHELL Oil
6-29-89	3583:44		3583:44	REMOVED CLEANED AND REPLACED SHOCK PLUGS
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4-18-92	3596:00	1874:00	3596:00	ENG. COMP. CK. #1 ⁸⁹ / ₉₈ #2 ⁸⁹ / ₉₈ #3 ⁸⁹ / ₉₈ #4 ⁸⁹ / ₉₉ CHG. OIL L&ER. WITH 8 QTS. AEROSHELL 15W 50 OIL. CHG. FILTER CH-48110 SPIN ON, CLEANED FUEL INT. NOZZLES, CLEAN, CAP, & ROTATE SPARK PLUGS. REPLACED ALL INT. GASKETS & HOSE CONNECTORS. REPLACED FUEL DIST. VALVE DIAPHRAM P/N 2526388. 9/AD90-04-06R1 BY INST. ENG. PROP. BOU. & ENG. CASE STEEL FITTINGS & STEEL DIL LINE. REPAIRED 1/8 MAG. "P" LEAD. REPLACED CRANK SHAFT NOSE SEAL P/N 76940. REPAIRED 1/8 FWD BAFFLE. NEW BLO-PROOF EXH. GASKETS. AD87-10-06-R1, ROCKER ARM ASSY. N/A THIS ENG. NOT D.H. BETWEEN JULY 1, 85 & OCT. 8, 86. I CERTIFY THAT THIS ENG. HAS BEEN INSP. I/A/W AN ANNUAL INSP. & IS APPROVED FOR RET. TO SER. THIS DATE. <i>James A. Funcher</i> JA2061012
6-7-92	3599:00	1877:00	3599:00	REPLACED ENG. DRIVEN FUEL PUMP CK. & TESTED BY AERO ACCT. BURLINGTON, N.C. ^{INV.} LD. NO. 005674 DATED 5-7-92 REINSTALLED 4 CYL. AFTER REPAIR BY LUMBERTON AVE. INC. W.D. NO. 371 DATED 5-26-92 HONED SEATS BND. NEW EXH. VALVE NEW RINGS & ALL SEALS & GASKETS. REPLACED MAN. PRESS. LINE FROM CYL. TO HOSE CONNECTION. CHG. OIL TO AEROSHELL 50WT. MINERAL OIL. ALL OPERATIONS CK. NORMAL AND APPROVED FOR RETURN TO SER. THIS DATE. <i>James A. Funcher</i> JA2061012
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8-1-92	3605:72	1883:72	3605:72	REPLACED 2ea. OVERBOARD FUEL DRAIN CK. VALVES & DRAIN HOSES. ADJ. FUEL MIX. Junior A. Funcher #A2061012
4-17-93	3611:39	1889:39	3611:39	ENG. COMP. CK. ALL CYLS. CK. GOOD. INST. 8ea. NEW REM 405 SPARK PLUGS. ADJ. FUEL MIXTURE. MAG. CK. BOTH MAGS. 100 RPM DROP. I CERTIFY THAT THIS ENG. HAS BEEN INSP. & SER. I/A/W AN ANNUAL INSP. & IS APPROVED FOR RET. TO SER. THIS DATE. Junior A. Funcher #A2061012
12-26-94	3620:07	1898:07	3620:07	ENG. COMP. CK. ALL CK. GOOD. Q/WAD 7809-07R3 I/A/W SB 599B. IMPULSE COUPLING CLEARANCE AND AD 9401-03R1 COILS & ROT. MAGNETS BOTH MAGS. CLEARANCE CK. GOOD. BOTH MAGS. HAVE CORRECT MAGNETS + INST. NEW COILS BOTH MAGS I/A/W TEM SB MSB 644 REPLACED POINTS L/H MAG. INST. USED SER. DIST. BLOCK R/H MAG. L/H MAG. BENDIX S44N-21 S/N 856971. R/H MAG. BENDIX S44N-21 S/N 856974. SEE BACK OF LOG FOR AD LIST. I CERTIFY THAT THIS ENG. HAS BEEN INSP. & SER. I/A/W AN ANNUAL INSP. & IS APPROVED FOR RETURN TO SER. THIS DATE. Junior A. Funcher #A2061012
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 John Jewell AIRCRAFT, INC. Holly Springs Marshall Co. Airport Hwy. 78 West, P.O. Box 399 Holly Springs, MS 38635 Page 1				
N7387Y				September 24, 2004 W/O# J4507
TACH 3696.61				
Clean fuel nozzles. Borescope all cylinders. Rust on all barrels. Valve side clearance Ok on all. C/W SB 342E Fuel Line Clamp. C/W SB 388 Valve guide clearance. Ground Run.				
MAINTENANCE RELEASE				
MAKE <u>LYCOMING</u> SERIAL NO. <u>L-1006-55</u> MODEL <u>IO-320-B1A</u> TOTAL TIME <u>UNKN</u> THE <u>ENGINE</u> IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. <u>J4507</u> DATE <u>9-24-2004</u> SIGN: <u>John Jewell</u> FOR REPAIR STATION NO. <u>JUJR300L</u>				
10-20-04	3696.90	3696.90	3696.90	CHG OIL WITH 4QTS SHELL 15W50
10-20-04	3696.90		3696.90	NEW AIR FILTER, Wix 42040
Left Engine Tack 3701.01 TT 1982.7 Date 05/01/05 Inspected engine in accordance with Piper and Lycoming Service Manual. Compression check #1 75/80, #2 72/80, #3 78/80, #4 76/80 Changed oil and filter, service with 8 Qts 15W50 aeroshell and CH48110 filter.. Inspected no metal found. Cleaned fuel system. I certify that this engine has been inspected in accordance with a annual inspection and was determined to be in a airworthy conditon..  Richard C. Taylor IA/AP 24560524				
N7387Y DATE 8-15-07 LEFT TACH 3709.55 TT (E) 1991.24 Cleaned engine for annual inspection. Cleaned and gapped plugs. Cleaned fuel inlet screen. Changed oil with 8qts Aeroshell 15W50 and CH48110 oil filter. Compressions as follows. #1 74/80 #2 79/80 #3 74/80 #4 78/80. I certify that this engine has been inspected IAW annual inspection and has been determined to be in airworthy condition. Chris Comer 2329395107 IA <u>Chris Comer</u>				
				SUB-TOTALS this page
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				N: 7387Y DATE: 5-25-09 LEFT TACH: 3711.46 TTE(LE): 1993,15 LEFT ENGINE Engine cleaned for inspection. Performed compression check #1 78/80 #2 79/80 #3 79/80 #4 78/80. Cleaned and gapped plugs. Checked magneto to engine timing. Cleaned fuel screen. Operational check satisfactory. I certify that this ENGINE has been inspected IAW an ANNUAL inspection and has been determined to be in airworthy condition. <i>Ch L 239395107 FA</i>
5-8-10				DRAIN Oil - Put in 89TS 15W50 Aero S+KIL <i>John Patrick</i>
				N: 7387Y DATE: 07-10-10 LEFT TACH: 3711.46 TTE(LE): 1993,15 LEFT ENGINE Engine cleaned for inspection. Performed compression check #1 78/80 #2 78/80 #3 79/80 #4 77/80. Cleaned and gapped plugs. Checked magneto to engine timing. Cleaned fuel screen. Operational check satisfactory. Complied with AD 93-02-05, fuel injection lines, by inspection. Next due 3811.45 I certify that this ENGINE has been inspected IAW an ANNUAL inspection and has been determined to be in airworthy condition. <i>Ch L 239395107 FA</i>
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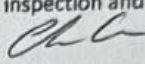
Date: 1-10-2014, Left Tach 3711.66, Right Tach 3711.61
 Airframe: 7387Y, Piper PA30, SN 30-442, 3711.65
 Left Engine: Lycoming IO-320-B1A, S/N L-1006-55, ETT 1993.35,
 Right engine: Lycoming IO-320-B1A, S/N L-988-55, ETT 1992.24
 Left propeller: Hartzell, HC-E2YL-2BS/7663-4, S/N BG3523, PTT 1993.35, TSMOH577.36
 Right propeller: Hartzell, HC-E2YL-2BLS/J7663-4, S/N BG-3684, PTT 1992.24, TSMOH577.61

Complied with annual inspection per the PA30 inspection guide and FAR43 app. D.
 Engine cleaned and controls lubricated. Ran engine. Engine operating within parameters.
 Performed compression check #1 78/80 #2 77/80 #3 78/80 #4 74/80.
 Drained oil. Replaced filter P/N CH48110-1. Inspect filter element. Cleaned and inspected oil screen.
 Serviced with 7qts Aeroshell 15W50 oil. Leak and pressure check satisfactory.
 Cleaned and gapped plugs. Cleaned fuel nozzles. Clean fuel inlet screen.
 Check mag to engine timing.

ADs checked through this date. See AD listing dated 1-10-2014

Complied with AD11-26-04, Fuel injector lines, by inspection. Next due 3811.65 ACTT, overhaul or any work on system.
 Recurring AD: 04-10-14, Crankshaft gear retaining bolt, next due at prop strike.

All work accomplished IAW the Piper PA30 series maintenance manual unless otherwise noted. Operational check satisfactory.

I certify that this LEFT ENGINE has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition. Christopher C. Comer AP239395107IA. 

Date: 6-10-2015, Left Tach 3711.69, Right Tach 3711.64
 Airframe: 7387Y, Piper PA30, SN 30-442, ACTT 3711.68
 Left Engine: Lycoming IO-320-B1A, S/N L-1006-55, ETT 1993.38
 Right engine: Lycoming IO-320-B1A, S/N L-988-55, ETT 1992.27
 Left propeller: Hartzell, HC-E2YL-2BS/7663-4, S/N BG3523, PTT 1993.35, TSMOH577.39
 Right propeller: Hartzell, HC-E2YL-2BLS/J7663-4, S/N BG-3684, PTT 1992.24, TSMOH577.64

Complied with annual inspection per FAR43 app. D.
 Engine cleaned and controls lubricated. Ran engine. Engine operating within parameters.
 Performed compression check #1 76/80 #2 77/80 #3 76/80 #4 74/80.
 Drained oil. Replaced filter P/N CH48110-1. Inspect filter element. Cleaned and inspected oil screen.
 Serviced with 7qts Aeroshell 15W50 oil. Leak and pressure check satisfactory.
 Cleaned and gapped plugs. Cleaned fuel nozzles. Clean fuel inlet screen.
 Check mag to engine timing.

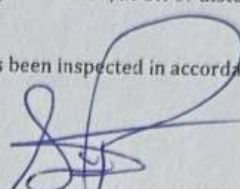
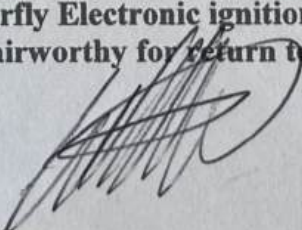
ADs checked through this date. See AD listing dated 6-10-2015.

Recurring AD11-26-04, Fuel injector lines, by inspection. Next due 3811.65 ACTT, overhaul or any work on system.
 Recurring AD84-26-02, Paper induction air filters, by replacement. Next due 4211.65.
 Recurring AD04-10-14, Crankshaft gear retaining bolt, next due at prop strike.

All work accomplished IAW the Piper PA30 series maintenance manual unless otherwise noted. Operational check satisfactory. I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition. Christopher C. Comer AP239395107IA 

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
N7387Y LEFT ENGINE Date: 06/09/2019 Make: Lycoming Model: IO320-B1A Serial: L1006-55 Tach: 65.4 TSMOH: 2113.64 • Compression test #1 78/80, #2 77/80, #3 75/80, #4 76/80 • Removed spark plugs, cleaned, gapped, reinstalled spark plugs. • Replaced Brackett Air Filter Elements BA10 • Drained oil, cut and examined filter with no contaminants noted. Replaced CH48110 filter, serviced with 7 qts Aeroshell W100 Plus oil. • C/W AD 2015-19-17 by inspection of fuel injection lines. Due again 4301.67, at OH or disturbing fuel system. • Verified compliance of all AD's through this date Performed test run of engine ref FAR 43.15 (C) (2) I certify this engine has been inspected in accordance with an ANNUAL inspection and was found to be in airworthy condition as of this date  Scott M Puzio #2756261 A&P/IA				
01-09-2020	2159.0	110.7		Drained engine oil. Remove & inspect oil filter, w/ CH48110. Replace engine oil w/ 8 quarts Phillips x/c 20/50 Remove, clean, test & gap 8 spark plugs. Reinstall & torque plugs. Test run, ops good, no leaks
02-01-2021 N7387Y TSMOH 2170.14 TACH: 121.9 100hr/annual inspection complete checked compression checked mag Timing installed new spark plugs oil and filter not changed inspect Intake and exhaust system inspect motor mounts Replaced ignition Harness Installed Surfly Electronic ignition system see 337 this date I certify this engine airworthy for return to service David L Robertson A&P 2193392 				
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Corporate Air Center

N7387Y Piper PA-30 S/N: 30-442 RTACH: 3960.23



15452 - Airport Drive
Burlington, WA 98233
Phone (360) 757-7757
Fax (360) 757-1557

Airframe TT: 3960.23
L/H Eng TSOH: 2241.93

C/W an ANNUAL/100HR inspection per FAR 43 appendix D and referencing PA-30 Aircraft Maintenance Manual and Lycoming IO-320-B1A Service Manual.

1. Performed compression check #1 - 71/80, #2 - 28/80, #3 - 24/80, #4 - 73/80
2. Drained oil, obtained oil sample (AvLab). Removed filter, cut open and inspected. No defects noted. Installed new CH48110-1 filter and serviced with 8QTS Aeroshell 100W Plus.
3. C/W AD2015-19-07 (e)(ii) - No defects noted.
4. Installed new induction air filter PN BA-10.
5. Removed magneto S4LN-21 S/N 856974 for OH. Same P/N S/N magneto overhauled by Aircraft Magneto Service under WO# 33432.
6. Cleaned, inspected, tested and rotated spark plugs.
7. Removed Cyl #2 due to low compression. Installed #2 Cyl repaired by Avian Aeronautics, Inc. under WO# 22-11670
8. Removed Cyl #3 due to low compression. Installed #3 Cyl repaired by Avian Aeronautics, Inc. under WO# 22-12152
9. Installed overhauled flow divider P/N 2524158-2 S/N 1459
10. Installed overhauled RSA-SAD1 fuel injector servo S/N 70220102. Adjusted fuel system per PA-30 AMM 8A-38 and 8A-39.

I certify that this Engine has been inspected in accordance with an ANNUA/100HR inspection and has been determined to be in an airworthy condition.

05/1/2024

B. Fitzgerald

Brian Fitzgerald AP40402791A

August 9, 2024 N7387Y LEFT ENGINE

Tach 200.3

1. Removed, inspected, cleaned, gapped, rotated, and reinstalled spark plugs.
2. Drained oil and performed solvent flush on all 4 cylinders. Refilled oil, ground ran & leak checked. Drained oil and refilled with 8 qts. Aeroshell 100 Mineral oil.



10300 East Perimeter Rd,
Paine Field, Everett, WA 98204

Casey VanLier
Casey VanLier A&P 3786167

1-15-26	209.1 L ENG	OIL CHANGE PHILLIPS VICTORY
	12.8 HRS	OIL 20W50 INSTALLED
		<i>Q 2024749 A/C</i>
6/28/20	1101.4 L TACH	REPAIRED L TACH WITH SPARK PLUGS
	3960.6 SHOWN	TACH CHD TACH 221.1 WHEN REMOVED

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