

73874

PA 30-442

THE
adlogTM

**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 with 42040

CHAMPION Spin On Oil Filter
CH 48110

LEFT Prop GOVERNOR

PARTS

F-6-3

1323T

LEFT MAG
856971

RIGHT MAG
856974

LEFT GENERATOR SERIAL # 4057

BENDIX Ignition HARNESS

SPEC # 10-120326-2

VAC Pump 211CC



AEROTECH PUBLICATIONS INC.
P.O. BOX 528 / OLD BRIDGE, NJ 08857

[illegible]

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. COMPLECK. #1 ⁸⁹ #2 ⁸⁹ #3 ⁸⁹ #4 ⁸⁹ . CHG. OIL & SER WITH 8 QTS AEROSHELL 15W50 MULTIGRADE, CHG. OIL FILTER CFO-100, REINSTALLED PROPELLER HARTZELL HC-E2YL-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> Tach <u>3446:90</u> <u>James A. Funcher</u> IA # 2061012
3-15-86	3479:13		3479:13	CHG OIL 8qts OF 15W50 AERO SHELL - CFO 100 FILTER
4-25-86	3480:34		3480:34	REINSTALLED PROP. BOV. 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. Funcher</u> A-P 2061012
5-17-86	3483:07		3483:07	CH BOIL SER. WITH 8 QTS AEROSHELL W 40 WT. SUB-TOTALS this page TOTALS—Carry forward to next page <u>James A. Funcher</u> A-P 2061012


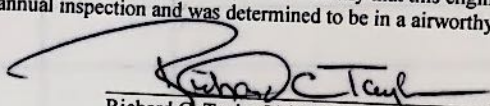
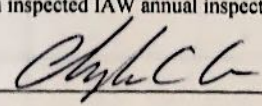
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
9-1-86	3486:35	1764:35	3486:35	ENG. COMP. CK. #1 ⁸⁰ /78 #2 ⁸⁰ /79 #3 ⁸⁰ /78 #4 ⁸⁰ /80 ADS PROP. CONTROL - REPOSITIONED RETURN & SPRING. ROUTINE MAINT + SERVICE.
				I certify that this ENGINE has been insp. in accordance with a <u>ANNUAL</u> insp. and was determined to be in air worthy condition. Time in ser. 3486:35 Tach 3486:35 <i>Junior A. Funcher</i> 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 CFO-100, INSTALLED ALL NEW FUEL, OIL, HOSES + FIRESLEEVES, NEW MAN. PRESS HOSE TO FIREWALL.
				I certify that this ENGINE has been insp. in accordance with a <u>ANNUAL</u> insp. and was determined to be in air worthy condition. Time in ser. 3513:40 Tach 3513:40 <i>Junior A. Funcher</i> IA # 2061012
8-13-88	3545:65		3545:65	DRAINED AND REPLACED 8qts Oil With 8qts AeroShell 15W50
2-2-89	3565:65		3565:65	DRAINED AND REPLACED 8qts 15W50W AeroShell Oil
6-29-89	3583:44		3583:44	REMOVED CLEANED AND REPLACED SPARK PLUGS
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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
4-18-92	3596:00	1874:00	3596:00	ENG. COMP. CK. #1 ⁸⁰ / ₇₈ #2 ⁸⁰ / ₇₈ #3 ⁸⁰ / ₇₈ #4 ⁸⁰ / ₇₉ CHG. OIL SER. WITH 8 QTS. AEROSHELL 15W 50 OIL. CHG. FILTER CK-48110 SPIN ON. CLEANED FUEL INJ. NOZZLES, CLEAN, GAP, & ROTATE SPARK PLUGS. REPLACED ALL INT. GASKETS & HOSE CONNECTORS. REPLACED FUEL DIST. VALVE DIAPHRAM P/N 2526388. 9/16 AD 90-04-06 R1 BY INST. ENG. PROP. BOO. & ENG. CASE STEEL FITTINGS & STEEL OIL 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. AD 87-10-06 R1, ROCKER ARM ASSY. N/A THIS ENG. NOT O.K. 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. Lumberton</i> JA2061012
6-7-92	3577:00	1877:00	3577:00	REPLACED ENG. DRIVEN FUEL PUMP CK. & TESTED BY AERO ACCT. BURLINGTON, N.C. ^{INV.} NO. 005674 DATED 5-7-92. REINSTALLED 4 CYL. AFTER REPAIR BY LUMBERTON AUN. INC. W.D. NO. 371 DATED 5-26-92. HONED SEATS & ND. 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 OK. NORMAL AND APPROVED FOR RETURN TO SER. THIS DATE. <i>James A. Lumberton</i> JA2061012
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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
8-1-92	3605:72	1883:72	3605:72	REPLACED 2 ea. 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. 8 ea. NEW REM HOSE 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
12-6-94	3620:07	1898:07	3620:07	ENG. COMP. CK. ALL CK. GOOD. C/W AD 7809-07 R3 I/A/W SB 599B. IMPULSE COUPLING CLEARANCE AND AD 94-01-03 RI 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 4/H MAG. & INST. USED SER. DIST. BLOCK 14/H MAG. 4/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
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

SUB-TOTALS this page

TOTALS—Carry forward to next page

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
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>John Jewell AIRCRAFT, INC.</p> </div> <div> <p>Holly Springs Marshall Co. Airport Hwy. 78 West, P.O. Box 399 Holly Springs, MS 38635</p> </div> <div style="text-align: right;"> <p>Page 1</p> </div> </div>				
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-BIA</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 Aero Shell 15W50
10-20-04	3696.90		3696.90	NEW Air Filter, Wix 42040
<div style="display: flex; justify-content: space-between;"> <div>Left Engine</div> <div>Tack 3701.01 TT 1982.7</div> <div>Date 05/01/05</div> </div> <p>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..</p> <div style="text-align: center;">  Richard C. Taylor IA/AP 24560524 </div>				
<div style="display: flex; justify-content: space-between;"> <div>N7387Y</div> <div>DATE 8-15-07</div> <div>LEFT TACH 3709.55</div> <div>TT (E) 1991.24</div> </div> <p>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.</p> <p>I certify that this engine has been inspected IAW annual inspection and has been determined to be in airworthy condition.</p> <div style="display: flex; justify-content: space-between;"> <div>Chris Comer 2329395107 IA</div> <div>  </div> </div>				
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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
				<p>N: 7387Y DATE: 5-25-09 LEFT TACH: 3711.46 TTE(LE): 1993,15</p> <p><u>LEFT ENGINE</u></p> <p>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.</p> <p>I certify that this ENGINE has been inspected IAW an ANNUAL inspection and has been determined to be in airworthy condition.</p> <p><i>Phyllis C. 239395107 FA</i></p>
5-8-10				<p>DRAIN OIL - Put in 8qts 15W50 AeroShell <i>John Patrick</i></p>
				<p>N: 7387Y DATE: 07-10-10 LEFT TACH: 3711.46 TTE(LE): 1993,15</p> <p><u>LEFT ENGINE</u></p> <p>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.</p> <p>Complied with AD 93-02-05, fuel injection lines, by inspection. Next due 3811.45</p> <p>I certify that this ENGINE has been inspected IAW an ANNUAL inspection and has been determined to be in airworthy condition.</p> <p><i>CH C 239395107 JA</i></p>
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

Date: 1-10-2014, Left Tach 3711.66, Right Tach 3711.61
 Airframe: 7387Y, Piper PA30, SN 30-442, 3711.65
 Left Engine: Lycoming I-320-B1A, S/N L-1006-55, ETT 1993.35,
 Right engine: Lycoming LIO-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. *CC*

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 IOI-320-B1A, S/N L-1006-55, ETT 1993.38
 Right engine: Lycoming LIO-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 *CC*

SUB-TOTALS this page

TOTALS—Carry forward to next page

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

N7387Y

Date: 4-18-2016

Replaced left engine vacuum pump P/N 215CC, S/N OADE14. Cleaned vacuum line per pump manufactures instructions.
Christopher C. Comer AP2393951071A. *cc*

N7387Y

LEFT ENGINE

Date: 08/16/2016

Make: Lycoming

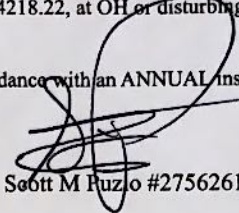
Model: IO320-B1A

Serial: L1006-55

Tach: 3718.22

- Compression test #1 75/80, #2 74/80, #3 77/80, #4 73/80
- Removed spark plugs, cleaned, gapped, reinstalled top plugs. Replaced bottom plugs with UREM37BY.
- Drained oil, cut and examined filter with no contaminants noted. Replaced CH48110 filter, serviced with 7 qts Aeroshell 15W50 oil. Added one bottle ASL Camguard.
- Replaced all exhaust studs, gaskets and retaining hardware
- Installed Plane Power alternator conversion kit per STC SA3531NM. See form 337 this date.
- Installed Brackett Air filter element per STC SA693CE. See form 337 this date.
- C/W AD 04-10-14 by inspection of fuel injection lines. Due again 4218.22, at OH or disturbing fuel system.
- Verified compliance of all AD's through this date

Performed test run of engine. 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

N7387Y

LEFT ENGINE

Date: 04/01/2018

Make: Lycoming

Model: IO320-B1A

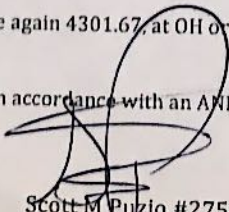
Serial: L1006-55

Tach: 3801.67

TSMOH: 2083.37

- Compression test #1 78/80, #2 77/80, #3 76/80, #4 78/80
- Removed spark plugs, cleaned, gapped, reinstalled top plugs. Replaced bottom plugs with UREM37BY.
- Replaced Brackett Air Filter Elements BA10
- Replaced air filter and induction hoses P/N 22502-32/22502-33
- Removed propeller governor, overhauled by Southwest Aero, Inc. P/N F-6-3A S/N 1323 T
- Drained oil, cut and examined filter with no contaminants noted. Replaced CH48110 filter, serviced with 7 qts Aeroshell W100 Plus oil. Added one bottle ASL Camguard.
- 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. 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

SUB-TOTALS this page

TOTALS—Carry forward to next page

TOTALS—Carry forward to next page

