

The subject aircraft was involved in an incident /
accident on 3/26/2026 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 5658991325US.

Signed: *Underwriters Salvage Company*

Date: 4/29/2026

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100



The Standard

ENGINE LOG

ASA-SE-2


DATE 19__	RECORDING TACH TIME	TODAYS 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.)


 TEMPLETON MORGAN

Date: 05Jan2025 Tach: 2081.8 N-Number: N1653J AFTT: 3358.7

Engine: O-320-E2A Propeller: M74DM
 TSMO: 1157.47 TSMO: 2081.8

Performed annual Inspection IAW FAR 43 Appendix D. Performed compression checks 1/77 2/76 3/77 4/78. Confirmed compliance with all applicable AD's as of this date. Changed oil/filter, serviced w/ 8 qts Phillips 66 XC 20W-50. Opened and inspected filter, Insp OK. Cleaned, gapped, and reinstalled spark plugs. Performed engine run/ops check, no defects noted. Propeller inspected IAW 100 hr. insp checklist, and has been found airworthy. I certify that this engine/prop has been inspected in accordance with an annual inspection and has been determined to be airworthy.

Name: Brandon Sanders A&P IA Signature: 

Cert. No: 4044644


DATE 19__	RECORDING TACH TIME	TODAYS 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.)


 TEMPLETON MORGAN

Date: 23Jan2026 Tach: 2104.1 N-Number: N1653J AFTT: 3381.8

Engine: O-320-E2A Propeller: M74DM
 TSMO: 1179.78 TSMO: 2104.1

Performed annual Inspection IAW FAR 43 Appendix D. Performed compression checks 1/76 2/76 3/75 4/76. Confirmed compliance with all applicable AD's as of this date. Changed oil/filter, serviced w/ 8 qts Phillips 66 XC 20W-50. Opened and inspected filter, Insp OK. Cleaned and reinstalled spark plugs. Replaced oil sump gasket IAW Lycoming Service Manual. Performed engine run/ops check, no defects noted. Propeller inspected IAW 100 hr insp checklist, and has been found airworthy. I certify that this engine/prop has been inspected in accordance with an annual inspection and has been determined to be airworthy.

Name: Nick Hutto A&P IA Signature: 

Cert. No: 3338219

DATE 19__	RECORDING TACH TIME	TODAYS 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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Engine - Lycoming O-320-E2A, S/N L-20477-27A

01/14/2023 - Engine - Total Time = 1916.48 hrs., TTSMO = -915.98, Tach Time = 1916.48 hrs.

Inspected engine compartment and firewall for loose fasteners, safety wires, leaks, and wear (none found), both before and after cleaning. Engine was run then oil was changed. Spark plugs were removed, gapped, cleaned, resistance was checked, and spark checked under pressure, and found to be within acceptable limits. Spark plug lead wires were check using high voltage checking tool. Compression of all cylinders was checked, recorded, and compared to previous readings, all within acceptable limits. Cylinder, piston, and valve condition was checked visually using borescope.

The Type Certificate Data Sheet, all Aircraft Airworthiness Directives, pertinent Service Bulletins, and AC43-16A Aircraft Maintenance Alerts were checked according to attached compliance list and all were found to be in conformance. An updated AD compliance record is attached. Engine was run up and found to perform satisfactory.

I certify that this Engine has been inspected in accordance with an Annual Inspection as described in the Lycoming checklist and FAR 43.15, 43.16, and 43 appendix D, also AC 43-13-1B, 43-204, and 91-59, and was found to be Airworthy.

David E. Gevers IA 2263278 01/14/2023

DATE 19__	RECORDING TACH TIME	TODAYS 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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 TEMPLETON MORGAN

Date: 11Jan2024

Tach: 2049.2

N-Number: N1653J

AFTT: 3326.1

Engine: O-320-E2A

Propeller: M74DM

TSMO: 1124.87

TSMO: 2049.2

Performed annual inspection IAW FAR 43 Appendix D. Performed compression checks 1/77 2/76 3/77 4/78. Confirmed compliance with all applicable AD's as of this date. Changed oil/filter, serviced w/ 8 qts Phillips 66 XC 20W-50. Opened and inspected filter, Insp OK. Cleaned, gapped, and reinstalled spark plugs. Performed engine run/ops check, no defects noted. Propeller inspected IAW 100 hr. insp checklist, and has been found airworthy. I certify that this engine/prop has been inspected in accordance with an annual inspection and has been determined to be airworthy.

Name: Brandon Sanders A&P IA Signature: 

Cert. No: 4044644

DATE 19__	RECORDING TACH TIME	TODAYS 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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Engine - Lycoming O-320-E2A, S/N L-20477-27A

11/20/21 - Engine - Total Time = 1916.48 hrs., TTSMO = -915.98, Tach Time = 1916.48 hrs.

Inspected engine compartment and firewall for loose fasteners, safety wires, leaks, and wear (none found), both before and after cleaning. Engine was run then oil was changed. Spark plugs were removed, gapped, cleaned, resistance was checked, and spark checked under pressure, and found to be within acceptable limits. Spark plug lead wires were check using high voltage checking tool. Compression of all cylinders was checked, recorded, and compared to previous readings, all within acceptable limits. Cylinder, piston, and valve condition was checked visually using borescope.

The Type Certificate Data Sheet, all Aircraft Airworthiness Directives, pertinent Service Bulletins, and AC43-16A Aircraft Maintenance Alerts were checked according to attached compliance list and all were found to be in conformance. An updated AD compliance record is attached. Engine was run up and found to perform satisfactory.

I certify that this Engine has been inspected in accordance with an Annual Inspection as described in the Lycoming checklist and FAR 43.15, 43.16, and 43 appendix D, also AC 43-13-1B, 43-204, and 91-59, and was found to be Airworthy.

David E. Gevers IA 2263278 11/20/21 *David E. Gevers*

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01/10/2022 1937.1 3214.8
 INSTALLED OVERHAULED STARTER IAW
 PIPER SERVICE MANUAL. MANUFACTURER: PRESTOLITE
 PN: MZ-4204 SN: 8P000174
 REINSTALLED PROP IAW PIPER SERVICE MANUAL
 TORQUED TO 60 FT-LBS & SAFETY WIRED
 Thomas Montgomery ARP 3833380

1/12/2022 1937.1 3214.8
 REMOVED AND REPLACED INTAKE HOSE
 IAW ENGINE SERVICE MANUAL
 Thomas Montgomery ARP 3833380

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Anderson Aircraft Service
282 Airport Rd
Anderson, IN 46017

N1653J 08/13/2019 Tach: 1878.38 SPOH:UNKWN

Performed an 100 hour inspection on this propeller. Removed forward spinner bulkhead. Installed new forward spinner bulkhead p/n U14426-000. Retorqued prop bolts and saftied. I certify that this propeller has been inspected I/A/W an 100 hour inspection and has been found to be in airworthy condition at this time.

S Keith Givens
S Keith Givens

AP304847863IA

D	W	TH	F	S	S	Engine	prop	Time	Rating	Number of entries
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N1653J

September 09, 2020

N1653J TACH: TSMOH:

Performed ANNUAL inspection I A W FAR 43 APPENDIX D. Performed compression check results are as follows: CYL#1 72/80 CYL#2 68/80 CYL#3 76/80 CYL#4 73/80. Researched all AD's through 10 SEP 20. Changed oil and serviced with 8 quarts of Phillips 66 X C 20W-50. Removed and inspected oil filter no metal found. Replaced oil filter with new P/N AA48110-2. Replaced 8EA. spark plugs with new Champion P/N: REM40E. Replaced engine driven vacuum pump with Rapco overhauled P/N: 215CC S/N: 191603. Performed an engine run up and ops check no leaks or defects noted. I certify that this engine was inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

Donald Huffman A&P IA 3842583

Donald Huffman

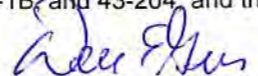
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Propeller - Sensenich , Blade Model

4/25/2018 - Propeller - Total Time = hrs., TTSMO = 0, Tach Time = 1825.1 hrs.

Performed Type Certificate and AD compliance check, updated AD compliance record that was given to owner. Propeller was checked for cracks and nicks. Attach bolts were checked/retightened to specification. Engine was run-up and prop was found to perform satisfactorily without excessive vibration.

I certify that this Propeller was inspected in accordance with an Annual inspection as described in the Sensenich checklist and FAR 43.15, 43.16 and 43 appendix D, also AC 43.13-1B, and 43-204, and the Sensenich recommendations and was found to be in Airworthy Condition.

David E. Gevers IA 2263278 4/25/2018 

DATE 19__	RECORDING TACH TIME	TODAYS 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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Anderson Aircraft Service
282 Airport Rd
Anderson, IN 46017

N1653J 08/13/2019 Tach: 1878.38 SMOH: 954.08

Performed an 100 hour inspection on this engine. Compressions: (#1) 74/80, (#2) 68/80, (#3) 77/80, (#4) 70/80. Drained oil from crankcase. Removed, cut open and inspected oil filter. No contaminants found. Installed and saftied new oil filter p/n AA48110. Serviced with 7qts. Phillips 20W50XC. Removed, cleaned, gapped, tested, rotated and reinstalled spark plugs. Replaced rocker cover gaskets on cylinders #2 & #4. Replaced exhaust gaskets on cylinders #1 & #2. Replaced intake gasket on cylinder #2. Replaced vacuum pump adapter pad gasket. Replaced induction air filter p/n BA-3. I certify that this engine has been inspected I/A/W an 100 hour inspection and has been found to be in airworthy condition at this time.


S Keith Givens

AP304847863IA

DATE 19__	RECORDING TACH TIME	TODAYS 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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Engine - Lycoming O-320-E2A, S/N L-20477-27A

5/10/2017 - Engine - Total Time = 3068.4 hrs., TTSMO = 866.4, Tach Time = 1790.7 hrs.
 Inspected engine compartment and firewall for loose fasteners, safety wires, leaks, and wear (none found), both before and after cleaning. Engine was run then oil was changed. Spark plugs were removed, gapped, cleaned, resistance was checked, and spark checked under pressure, and found to be within acceptable limits. Spark plug lead wires were check using high voltage checking tool. Compression of all cylinders was checked, recorded, and compared to previous readings, all within acceptable limits. Cylinder, piston, and valve condition was checked visually using borescope.
 The Type Certificate Data Sheet, all Aircraft Airworthiness Directives, pertinent Service Bulletins, and AC43-16A Aircraft Maintenance Alerts were checked according to attached compliance list and all were found to be in conformance. An updated AD compliance record is attached. Engine was run up and found to perform satisfactory.
 I certify that this Engine has been inspected in accordance with an Annual Inspection as described in the Lycoming checklist and FAR 43.15, 43.16, and 43 appendix D, also AC 43-13-1B, 43-204, and 91-59, and was found to be in Airworthy condition.
 David E. Gevers IA 2263278 5/10/2017 *David E. Gevers*

Propeller - Sensenich , Blade Model

5/10/2017 - Propeller - Total Time = hrs., TTSMO = 0, Tach Time = 1790.7 hrs.
Replaced 2x 6 prop bolts D.E.G.
 Performed Type Certificate and AD compliance check, updated AD compliance record that was given to owner. Propeller was checked for cracks and nicks. Attach bolts were checked/retightened to specification. Engine was run-up and prop was found to perform satisfactorily without excessive vibration.
 I certify that this Propeller was inspected in accordance with an Annual inspection as described in the Sensenich checklist and FAR 43.15, 43.16 and 43 appendix D, also AC 43.13-1B, and 43-204, and the Sensenich recommendations and was found to be in Airworthy Condition.
 David E. Gevers IA 2263278 5/10/2017 *David E. Gevers*

DATE 19__	RECORDING TACH TIME	TODAYS 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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4/22/18 *Replaced front crankshaft seal A/P 2263278 David E. Gevers*

Engine - Lycoming O-320-E2A, S/N L-20477-27A

4/25/2018 - Engine - Total Time = 3102.8 hrs., TTSMO = 900.8, Tach Time = 1825.1 hrs.
 Inspected engine compartment and firewall for loose fasteners, safety wires, leaks, and wear (none found), both before and after cleaning. Engine was run then oil was changed. Spark plugs were removed, gapped, cleaned, resistance was checked, and spark checked under pressure, and found to be within acceptable limits. Spark plug lead wires were check using high voltage checking tool. Compression of all cylinders was checked, recorded, and compared to previous readings, all within acceptable limits. Cylinder, piston, and valve condition was checked visually using borescope.
 The Type Certificate Data Sheet, all Aircraft Airworthiness Directives, pertinent Service Bulletins, and AC43-16A Aircraft Maintenance Alerts were checked according to attached compliance list and all were found to be in conformance. An updated AD compliance record is attached. Engine was run up and found to perform satisfactory.
 I certify that this Engine has been inspected in accordance with an Annual Inspection as described in the Lycoming checklist and FAR 43.15, 43.16, and 43 appendix D, also AC 43-13-1B, 43-204, and 91-59, and was found to be in Airworthy condition.
 David E. Gevers IA 2263278 4/25/2018 *David E. Gevers*

DATE 19__	RECORDING TACH TIME	TODAYS 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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Anderson Aircraft Services
282 Airport Rd
Anderson, IN 46017

Tail No.: N1653J Date: 04/17/2015 Tach: 1673.55

Performed annual inspection on this propeller. I certify that this propeller has been inspected I/A/W an annual inspection and has been found to be in air-worthy condition at this time.

S. Keith Givens
S Keith Givens

AP304847863IA

08/03/2015
 Performed compression check using calibrated 2004" orifice
 differential compression gage while engine was warm
 #1 = 76/80, #2 = 70/80, #3 = 79/80, #4 = 78/80
David E. Gevers 2263278

DATE 19__	RECORDING TACH TIME	TODAYS 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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Engine - Lycoming O-320-E2A, S/N L-20477-27A

5/10/2016 - Engine - Total Time = 2985.2 hrs., TTSMO = 783.2, Tach Time = 1707.5 hrs.

Inspected engine compartment and firewall for loose fasteners, safety wires, leaks, and wear (none found), both before and after cleaning. Engine was run then oil was changed. Spark plugs were removed, gapped, cleaned, resistance was checked, and spark checked under pressure, and found to be within acceptable limits. Spark plug lead wires were checked using high voltage checking tool. Compression of all cylinders was checked, recorded, and compared to previous readings, all within acceptable limits. Cylinder, piston, and valve condition was checked visually using borescope.

The Type Certificate Data Sheet, all Aircraft Airworthiness Directives, pertinent Service Bulletins, and AC43-16A Aircraft Maintenance Alerts were checked according to attached compliance list and all were found to be in conformance. An updated AD compliance record is attached. Engine was run up and found to perform satisfactory.

I certify that this Engine has been inspected in accordance with an Annual Inspection as described in the Lycoming checklist and FAR 43.15, 43.16, and 43 appendix D, also AC 43-13-1B, 43-204, and 91-59, and was found to be in Airworthy condition.

David E. Gevers IA 2263278 5/10/2016

David E. Gevers

Propeller - Sensenich K12659, Blade Model

5/10/2016 - Propeller - Total Time = hrs., TTSMO = 0, Tach Time = 1707.5 hrs.

Performed Type Certificate and AD compliance check, updated AD compliance record that was given to owner. Propeller was checked for cracks and nicks. Attach bolts were checked/retightened to specification. Engine was run-up and prop was found to perform satisfactorily without excessive vibration.

I certify that this Propeller was inspected in accordance with an Annual inspection as described in the Sensenich checklist and FAR 43.15, 43.16 and 43 appendix D, also AC 43.13-1B, and 43-204, and the Sensenich recommendations and was found to be in Airworthy Condition.

David E. Gevers IA 2263278 5/10/2016

David E. Gevers

DATE 2014 19	RECORDING TACH TIME	TODAYS FLIGHT SMOH	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.)
03-18	1624.1	699.8	2901.8	A 100 HA INSP. COMPLETED THIS ENG+PROP, I.A.W. AC 4313 AND LYC. SERVICE INSTRUCTIONS. OIL DRAINED AND RE-SERVICED WITH W-100 AEROSHELL 7 QTS. FILT NOT PULLED (IL1 HAS) COMPRESSION CHKD. #1-74, #2-74, #3-70, #4-74 (COLD) MAG TIMING CHKD, PLUGS INSP. AD 95-26-13 OIL COOLER HOSES INSP. OK, BUT SHOULD CONSIDER CHANGING FROM DT. OF INST. AD 70-16-25-R1 EXHAUST SYS + MUFFLER INSP COMPLETED. NO FURTHER AD'S OUTSTANDING THIS DATE. <i>Mark R. Burt</i> #441 240468692
3/18/2014	1624.1	699.8	2901.8	I certify that this ENGINE and COMPONENTS have been INSPECTED with an ANNUAL INSPECTION and found to be in an AIRWORTHY CONDITION. — <i>Philip E. Chynoweth</i> IA 1859258

DATE 19	RECORDING TACH TIME	TODAYS 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 style="text-align: center;">Anderson Aircraft Services 282 Airport Rd Anderson, IN 46017</p> <p>Tail No.: N1653J Date: 04/17/2015 Tach: 1673.55</p> <p>Performed annual inspection on this engine. Compressions: #1) 66/80, #2) 64/80, #3) 71/80, #4) 73/80. Drained oil from crankcase. Removed, cut open and inspected oil filter. No contaminants found. Installed and saffied new oil filter p/n 48110-2. Serviced with 7qts. Aeroshell 100W straight mineral oil. C/W AD95-26-13 Muffler inspection, replaced muffler with new unit from Parts Exchange p/n K99482-00. C/W AD95-26-13 Oil cool hose inspection. Replaced both oil cooler hoses, see A.E.R.O. wo#H26100-1 for details. Replaced #3 cylinder with an overhauled unit from G&N Aircraft, see G&N wo#024/70972 for details. Checked mag timing. Cleaned, tested and rotated spark plugs. I certify that this engine has been inspected I/A/W an annual inspection and has been found to be in airworthy condition at this time.</p> <p style="text-align: center;"><i>S. Keith Givens</i> S Keith Givens AP304847863IA</p>

DATE 2011 19	RECORDING TACH TIME	TODAYS FLIGHT SMOH	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.)
17-NOV	1596.2	671.9	2873.9	A 100 HR. INSP. COMPLETED TO SCOPE AND DETAIL OF AC 43.13 AND W/CDMING D-320 SERVICE MANUAL. COMPRESSION CHECKED #1-70, #2-76, #3-76, #4-75 (COLD) OIL DRAINED AND RESERVICED WITH 7 QTS AEROSHELL W-100. NEW CH-48110 OIL FILT. INSTALLED, PLUGS INSPECTED, MAG TIMING CHECKED 25° BTDC. AD 70-16-05-R1 MUFFLER INSP COMPLETED. AD 95-26-13 OIL COOLER HOSE INSP. COMPLETED. ALL ENG CONTROLS CHECKED O.K. Mark S. Burnett AXP 240-46-8692
17 NOV	1596.2	671.9	2873.9	I certify this engine has been inspected IAW our Annual inspection and determined to be in Airworthy condition. Tommy Tate IA Tommy Tate 3295350

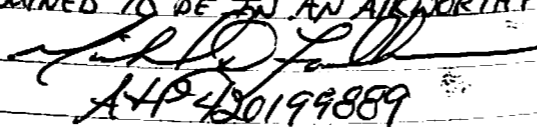
DATE 2013 19	RECORDING TACH TIME	TODAYS FLIGHT SMOH	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
02-07	1613.03	688.7	2890.7	A 100 HR INSP COMPLETED I.A.W. AC-43.13 AND LFC, SERVICE INSTRUCTIONS, COMPRESSION CHKD. #1-74, #2-76, #3-74, #4-76. OIL DRAINED AND RE-SERVICED WITH 7 QTS 100W AEROSHELL. EXH SYS, INDUCTION SYS, AND ALL ENG CONTROLS CHKD. AD 70-16-05-R1 MUFFLER SYS. COMPLIED WITH. AD-95-26-13 OIL COOLER HOSE INSP. COMPLETED. ALL SYSTEMS. OK. Mark S. Burnett AXP 240-46-8692
2/7/2013	1613.03	688.7	2890.7	I certify that this ENGINE and COMPONENTS have been INSPECTED with an ANNUAL INSPECTION and found to be in an AIRWORTHY CONDITION. Phil S. Chynoweth IA 1859258

DATE 06	RECORDING TACH TIME	TODAYS 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.)
3-15-06	TACH	1508.6	— 584.3	SMOH
<p>Completed 100hr. inspection. Compression checks ① 70 ② 74 ③ 72 ④ 72 over 80 PSIG. Timing checks good. Serviced spark plugs. Changed oil and Filter, serviced w/100 Aeroshell. Inspected old oil Filter. Clw AD 95-26-13 "oil cooler hoses" by visual insp and leak check. Checked AD 04-10-14 "crankshaft gear and retainer bolt" due at prop strike. Checked AD 05-26-10 "ECI cylinders" is NA by installation. Visually inspected, de-greased and run up checks good. I certify this power-plant and propeller has been inspected in accordance with a 100hr. inspection and is determined to be in airworthy condition.</p> <p style="text-align: right;">Greg Parker A&P 424151337-ENR-1</p>				

DATE 07	RECORDING TACH TIME	TODAYS 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.)
5-4-2007	TACH	1525.9	— 601.6	SMOH
<p>Compression checks ① 70 ② 72 ③ 70 ④ 76 over 80 PSIG. Timing checks good. Changed oil & Filter, serviced Aeroshell w/100. Inspected old oil Filter. Serviced spark plugs. Clw AD 95-26-13 "oil cooler hoses" by visual and leak check. Checked AD 07-04-19 R1 "superior airparts cast cylinders" is NA by cylinders installed. Visually inspected, de-greased and run up checks good. I certify this powerplant and propeller has been inspected in accordance with a 100hr. inspection and is determined to be in airworthy condition. Greg Parker A&P 424151337-ENR-</p>				
6-12-2008	TACH	1549.7	— 625.4	SMOH
<p>Compression checks ① 70 ② 72 ③ 72 ④ 74 over 80 PSIG. Adjusted magnets to engine timing on left mag. Serviced spark plugs. Changed oil & Filter, serviced Aeroshell w/100 AD. Inspected old oil Filter. Clw AD 95-26-13 "oil cooler hoses" by inspection and leak check.</p> <p style="text-align: right;">See next page</p>				

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
1-22-2004	1472.0	SMOH	547.7	<p>Completed 100HR INSPECTION. Compressions checked at #1 $\frac{68}{80}$ #2 $\frac{74}{80}$ #3 $\frac{74}{80}$ #4 $\frac{72}{80}$. Changed oil & filter, cut & inspected old filter. Serviced with Aeroshell W80. Checked ignition timing. Cleaned, gapped & tested sparkplugs. Replaced oil pressure flex line & firewall. Replaced flex fuel line from strainer to eng driven pump. C/W AD 95-26-13 "Oil Cooler Hoses" by replacement of hoses, visual inspection next due @ TACH 1972.0 or next annual, oil cooler hoses next due replacement @ TACH 2472.0 or 8 years, whichever comes first. Visually inspected, degreased, performed ground run & leak check. I certify this engine & propeller has been inspected IAW A 100HR INSPECTION AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p><i>John D. Fall</i> A4P420199889</p>

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
2-22-05	1494.8	SMOH	570.5	<p>Completed 100HR INSPECTION. Compressions checked at #1 $\frac{72}{80}$ #2 $\frac{72}{80}$ #3 $\frac{72}{80}$ #4 $\frac{74}{80}$. Changed oil & filter, cut & inspected old filter. Serviced with Aeroshell W80. Checked mag timing. Cleaned, gapped & tested sparkplugs. C/W AD 95-26-13 "Oil Cooler Hoses" by visual inspection, next due TACH 1594.8 or 2-2006. Replaced forward spinner bulkhead with new Piper part. Visually inspected, degreased, performed ground run & leak check. I certify this engine & propeller has been inspected in accordance with a 100HR inspection and is determined to be in an airworthy condition.</p> <p><i>John D. Fall</i> A4P420199889</p>

DATE 19	RECORDING TACH TIME	TODAYS 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.)
11-01-2001	1428.3	SMOH	504.0	Completed 100 HR INSPECTION. Compression checks #1 70/80 #2 70/80 #3 72/80 #4 72/80. Changed oil + filter, CLEANED suction SCREEN, cut & INSPECTED old filter. SERVICED with 8 quarts of AEROSHELL W80. Checked ignition timing. Cleaned, gapped + tested spark plugs. Replaced CRACKED SPINNER with NEW COMPOSITE SPINNER from TCB Composite Co. P/N TCB/4422-00, STC # SA01100AT. Inspected propeller. Visually inspected, degreased, performed ground run + leak check. I CERTIFY this powerplant has been INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION.  A&P 420199889

DATE 19	RECORDING TACH TIME	TODAYS 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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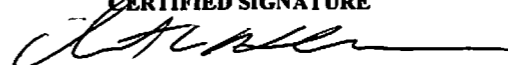
AIRCRAFT REPAIR SERVICES, LLC

ENGINE LOG BOOK ENTRY

DATE	REG #	WO#	ACTT	TACH	SMOH
1-1-2002	N1653J	02181	2723.92	1447.12	522.50

MAINTENANCE PERFORMED

C/W 100HR/ANNUAL INSPECTION. C/W AD 76-07-12 IGNITION SWITCH PER INSPECTION & PER OPS CHECK, OPS CHECKED GOOD AT THIS TIME. C/W AD 70-16-05R1 MUFFLER, PER INSPECTION, NO DEFECTS NOTED AT THIS TIME. C/W AD 95-26-13 OIL COOLER HOSES, PER INSPECTION, NO DEFECTS NOTED AT THIS TIME. NOTE: SEE REAR OF LOG BOOK FOR AD COMPLIANCE LISTING. CHANGED OIL & FILTER, SERVICED ENGINE WITH AEROSHELL 80W OIL. INSTALLED OIL FILTER, P/N CH48110, NO METAL DETECTED AT THIS TIME. COMPRESSION: 1) 73/80 2) 74/80 3) 70/80 4) 75/80. REMOVED RH EXHAUST STACK ASSEMBLY & SENT IN FOR REPAIR AT DAWLEY AVIATION. INSTALLED DAWLEY AVIATION (REPAIR STATION # NJ5R069N) REPAIRED RH EXHAUST STACK ASSEMBLY. INSTALLED NEW INDUCTION FILTER. INSTALLED CYLINDER #2 NEW SPARK PLUG P/N REM40E. REPLACED CYLINDER # 1 AFT EXHAUST STUD P/N 31C-12-P03, & INTAKE GASKET P/N 71953. REPLACED RUSTED & WORN EXHAUST MOUNT ASSEMBLY HARDWARE AS NEEDED. WASHED ENGINE AS NEEDED, RAN & OPS CHECKED OK. END. I CERTIFY THAT THIS ENGINE/PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. END. THE MAINTENANCE OPERATIONS DESCRIBED ABOVE WERE INSPECTED, AND WITH RESPECT TO THE WORK PERFORMED. THE AIRCRAFT AND/OR COMPONENT IS APPROVED FOR RETURN TO SERVICE. FOR DISCREPANT ITEMS ABOVE DETAILS ARE ON FILE AT THIS FACILITY UNDER THE ABOVE REFERENCED WORK ORDER. END. ALL WORK PERFORMED IN ACCORDANCE WITH THE CURRENT MANUFACTURES MAINTENANCE MANUALS AND THE CURRENT FAR'S. ALL WORK PERFORMED ABOVE HAS BEEN INSPECTED AND IS APPROVED FOR RETURN TO SERVICE. END.

CERTIFIED SIGNATURE

 CHRISTOPHER L. KEENUM A&P4141734781&A

Engine Record General Information

Manufacturer LYCOMING **Model** O-320-E2A

Serial L-20477-27A **Type Certificate** _____

This engine is currently installed in aircraft: N1653J

Minimum Octane Fuel _____ **Oil Grade** Summer _____ Winter _____

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

ENGINE LOG



PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

CHECK

ENGINE CHECK REPORT

Engine Serial

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	10-20-2000	TACH	1383.0	—	458.7 SMOH
Fuel Systems, lines gascolator and carburetor	Completed 100 hr. inspection this date.				
Lubrication system, oil tank, lines, strainers and pump	Compression checks ① 66 ② 72 ③ 74 ④ 74 over				
Cooling system, cowling, Baffles, lines and fittings	80PSIG. Changed oil & Filter, serviced 8 qts. w80				
Valves, push rods and rocker arms	Aeroshell AD, Cut & inspected old oil Filter, checks				
Ignition, wires, plugs, points and shielding	good at this time. Checked & cleaned oil suction				
Engine manifold and motor mount, bolts and nuts	Screen. Serviced & tested spark plugs. Replaced				
Propeller Condition & Alignment	LT magneto gasket. Set magneto to engine timing.				
Oil changed answer Yes or No	Replaced miscellaneous Exhaust hardware. Replaced				
	Fuel hoses to carburetor. Checked AD 98-02-08				
Certified by	"Crankshaft" is NA by type. Checked AD 98-17-11				
E License No.	"Crankshaft" is NA by no work performed. Checked				
Address	AD 96-09-10C "oil pump Impellers" PCW at overhaul.				

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty. →

Engine Serial

ENGINE CHECK REPORT

CHECK

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	Continued →	Checked AD	97-15-11	"Piston	
Fuel Systems, lines gascolator and carburetor	pins" are NA by parts installed. Visually				
Lubrication system, oil tank, lines, strainers and pump	inspected, de-greased and ground run checks good.				
Cooling system, cowling, Baffles, lines and fittings	I certify this powerplant and propeller have				
Valves, push rods and rocker arms	been inspected in accordance with a 100hr.				
Ignition, wires, plugs, points and shielding	inspection are determined to be in airworthy				
Engine manifold and motor mount, bolts and nuts	condition. Greg Parker ATP 424151337-END-				
Propeller Condition & Alignment					
Oil changed answer Yes or No					
Certified by					
E License No.					
Address					

NOTICE:—

Civil Aeronautics Act of 1938, punishable by Civil Penalty.

CHECK ENGINE CHECK REPORT Engine Serial

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	9/22/98 TACH 1311.0 Annual inspection				
Fuel Systems, lines gascolator and carburetor	Check Compression 1 ⁸⁰ / ₇₁ 2 ⁸⁰ / ₇₂ 3 ⁸⁰ / ₇₃ 4 ⁸⁰ / ₇₂				
Lubrication system, oil tank, lines, strainers and pump	Change oil 8qt w-80-50w aero shell change oil				
Cooling system, cowling, Baffles, lines and fittings	filter CH48110 replace air induct filter				
Valves, push rods and rocker arms	c/w - A/D's by inspection through 9/14/98				
Ignition, wires, plugs, points and shielding	inspect prop and spinner and summary TACH Bulk head				
Engine manifold and motor mount, bolts and nuts	DATE 9/29/98 HOURS 1311.0				
Propeller Condition & Alignment	I CERTIFY THAT THIS engine HAS				
Oil changed answer Yes or No	BEEN INSPECTED IN ACCORDANCE WITH				
	AN Annual INSPECTION AND				
	WAS DETERMINED TO BE IN AIRWORTHY				
	CONDITION.				
Certified by	SIGNED Grant Huff ASP 271361802 I.A.				
E License No.					
Address					

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ENGINE CHECK REPORT CHECK

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	TACH 1349.24 80				
Fuel Systems, lines gascolator and carburetor	Check Compression 71 or better				
Lubrication system, oil tank, lines, strainers and pump	aero shell change 7qt w-100-50w				
Cooling system, cowling, Baffles, lines and fittings	aero shell change filter CH48110				
Valves, push rods and rocker arms	c/w - A/D's by inspection through				
Ignition, wires, plugs, points and shielding	9/13/99				
Engine manifold and motor mount, bolts and nuts	I Certify that this engine has been				
Propeller Condition & Alignment	inspected in accordance with				
Oil changed answer Yes or No	Annual inspection and was determined				
	to be in airworthy condition				
Certified by	SIGNED Grant Huff ASP 271361802 I.A.				
E License No.					
Address					

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CHECK ENGINE CHECK REPORT Engine Serial

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	8/16/97	TACH	1277.6		
Fuel Systems, lines gascolator and carburetor	I CERTIFY THIS ENGINE INSPECTED				
Lubrication system, oil tank, lines, strainers and pump	PER 100 HR INSPECTION & DETERMINED				
Cooling system, cowling, Baffles, lines and fittings	TO BE IN AIRWORTHY CONDITION				
Valves, push rods and rocker arms	Miguel Serrano ASP 1609226				
Ignition, wires, plugs, points and shielding					
Engine manifold and motor mount, bolts and nuts	8/16/97	TACH	1277.6		
Propeller Condition & Alignment	ALL CYLS COMP CHECK 78/80				
Oil changed answer Yes or No	Miguel Serrano ASP 1609226				
Certified by					
E License No.					
Address					

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ENGINE CHECK REPORT CHECK

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	5-8-98	Changed oil + filter	today		
Fuel Systems, lines gascolator and carburetor	Checked for leaks.				
Lubrication system, oil tank, lines, strainers and pump	TAC 1298.07 Wayne Hines Owner				
Cooling system, cowling, Baffles, lines and fittings					
Valves, push rods and rocker arms					
Ignition, wires, plugs, points and shielding					
Engine manifold and motor mount, bolts and nuts					
Propeller Condition & Alignment					
Oil changed answer Yes or No					
Certified by					
E License No.					
Address					

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial

N C

Date		R. P. M.		Ground Time	Air Time	Total Time
Year	Mo.	Day	Ground	Air	Hrs.	Min.
92	3	1				
Change oil & Filter - check for leaks						30 hrs
TAC - Time - 949.63 - Hr. meter - 2665.1						
James Blabeman						
<p>6/11/92 TACH THIS ENG. I CERTIFY THAT THIS ENGINE ^{ENGINE} HAS BEEN INSPECTED IN ACCORDANCE WITH</p> <p>6/11/92 TACH 946.0 I CERTIFY THAT THIS ENGINE ^{ENGINE} HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION. CHANGED OIL AND FILTER, CLEANED AND GAPPED PLUGS. ROUTINE MAINT. AS REQUIRED SEE BACK OF A/C LOG FOR AD COMPLIANCE</p> <p style="text-align: center;">Rush ATP 468182264 IA</p>						
TOTAL TIME						

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE

REMARKS	SIGNATURE
6-14-92 Oil & Filter TAC-97813.0 Hr. meter 2698.5	James Blabeman
11-21-92 Change oil & filter TAC-10245.9 Hr. meter 2752.0 Inspected for leaks.	James Blabeman
6/23/93 TACH 1070.0 1803 TSMALL 145.67 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION. COMPRESSOR ALL CYL OVER 7480. THIS ENGINE DETERMINED TO BE IN AIRWORTHY CONDITION.	Rush ATP 468182264 IA

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Date Year	R. P. M.		Ground Time		Air Time		Total Time	
	Mo.	Day	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
9-23-91								
TAC-Time 915.1 - 37.2 hrs.								
Change Oil + Filter + check for leaks								
James Blakeman								
TACH 924.33								
24 DEC 1991 Major overhaul completed. All STEEL								
PARTS MAGNAFLOWED, ENGINE DISASSEMBLED WITH FOLLOWING								
NEW PARTS 4 PISTON P/N (75413) NEW EX VALVES P/N (1900) INTAKE								
VALVES P/N 17541 PISTON PIN PAUKS P/N 60828								
VALVES P/N MAIN BEARING P/N (1102) AND P/N 16047 8 ROD BEARINGS								
P/N 61662 REGRIND CAMSHAFT AND FOLLOWERS 4 OIL RINGS P/N								
73857 8 COMPRESSION RINGS P/N 74889 8 ROD BOLTS P/N 78027								
8 ROD NUTS P/N 12186 OIL PUMP HOUSING P/N 78528 OIL PUMP								
GEARS P/N 18109-S SCREW STD P/N 2213. ENGINE REASSEMBLED								
WITH ALL NEW GASKETS AND SEALS AND VALVE								
KEEPERS. ENGINE RUN UP AND TEST (CONT.)								
TOTAL TIME								

REMARKS	SIGNATURE
FLOWN. THIS ENGINE DETERMINED TO BE IN AIRWORTHY CONDITION.	
Revised RFP 46818 2264	
TACH 924.33 12/24/91 e/w A/D 91-14-22	
C.RANKSHAFT GEAR IN ACORDANCE WITH S.B. 475A	
PRIOR TO ENGINE ASSEMBLY. VERIFIED BOLT	
TORQUE TO 204 IN LB AND LOCK PLATE BENT	
AGAINST HEAD. ROGER LAWSON JA2235400	

ENGINE LOG

REMARKS

SIGNATURE

Oil Change and Filter - 28 hrs.

Tach - 806.7 - 728.90

C/W A/D 84-26-02

New Air F: 1 Ton - 8-4-90

James Blakeman

Oil Change & Filter - 33 hrs

ATP 46818226

James Blakeman

TACH - 839.0

5/13/91 TACH 877.9 TTE 2522.9 100 HR INSPECTION COMPLETED
 CHANGED OIL & FILTER, CLEANED AND GAPPED PLUGS
 DRAINED CARB. BOWL, ROUTINE MAINT AS REQUIRED
 Comp. #1 $\frac{75}{80}$ #2 $\frac{79}{80}$ #3 $\frac{78}{80}$ #4 $\frac{78}{80}$ THIS ENGINE
 DETERMINED TO BE IN AIRWORTHY CONDITION.
 SEE BACK OF AIRCRAFT LOG BOOK FOR A/D COMPLIANCE
 ATP 468182264

Engine Serial

N C

Date Year Mo. Day	R. P. M.		Ground Time		Air Time		Total Time	
	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
5-3-89								
<p>5-3-89 Trip Time 746.7 Checked Compression, Removal #3 Cylinder Had welded by Harrison engine. Replaced Rings, Re-sealed Valves. Run Cylinder in + Re-checked. Per 1427 Syme instruction. Replaced Plaster Abrant with Summit Valve + Replaced Plug REM 4 DE, Changed oil and filter, Serviced w 8qt Aeroshell 50W. Checked filter for contaminants, Washed down engine checked for oil leak. painted prop</p>								
<p>I Certify that this engine and prop have been inspected in accordance with an annual inspection and was determined to be in airworthy condition</p>								
<p>Prop Serial AIP 40449978 FA</p>								
TOTAL TIME								

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ENGINE LOG

REMARKS	SIGNATURE
<p>5/29/90 TACH 778.0 TTSN 2423 I CERTIFY THAT A 100 HR. HAS BEEN COMPLETED. CHANGED OIL + FILTER. SERVICED WITH AEROSHELL 50W. CLEANED AND GAPPED PLUGS, CHECKED MARE TIMING MUFFLER RECONDITIONED BY WAG AERO FABRICATIONS AND REINSTALLED WITH NEW GASKETS. ROUTINE MAINT. AS REQUIRED. COMPRESSION #1 ⁷⁸/₈₀ #2 ⁷⁸/₈₀ #3 ⁷²/₈₀ #4 ⁷⁸/₈₀ R. R. Riser A + P 468 18 2264</p>	
<p>DATE 5-29-90 T.I. IN SERVICE 2423 AD'S CHECKED THRU: 90-8 I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <i>Roger Riser</i> NUMBER: IA 2235400</p>	

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Engine Serial

NC

Date		R. P. M.	Ground Time		Air Time		Total Time	
Year	Mo. Day		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
85	4 2		TACH TIME 625.68					
			PERFORMED ANNUAL INSPECTION CHANGED OIL & FILTER RESEALCED WITH 20W50 PHILIPS. XC COMP CHECK. (1) 68 (2) 74 (3) 73 (4) 76. CLEANED PAINTED & REINSTALLED PIVS. FILED PROP NICKS. CHECKED MAG POINTS & TIMING SATISFIED. AIR FILTER CLEANED. GAS MATOR + DEAIRED CARBATOR. WASHED ENGINE GROUND & HEAR CHECK OK.					
			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.					
			TOTAL TIME <u>Sperry/Kuhnert Reg 40366 TO SFA</u>					

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
10/10/87 TACH 628.0 TTE 2273.82 100 HR INSPECTION COMPLETED. CHANGED OIL & FILTER SERVICED WITH AERO-SHELL 50W. CLEANED AND GAPPED PLUGS. PERFORMED COMPRESSION TEST ALL CYL WITHIN TOLERANCE. C/W AD 70-16-05 MUFFLER & EXHAUST SYSTEM BY INSPECTION. ROUTINE MAINT. AS REQUIRED. THIS ENG DETERMINED TO BE IN AIRWORTHY CONDITION.	
	Sperry/Kuhnert Reg 40366 TO SFA
DATE 10-10-87 T.T. IN SERVICE 2273.8	
AD'S CHECKED THRU: 87-18 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
SIGNED: <u>Regina Turner</u>	
NUMBER: <u>FA 22235400</u>	

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ENGINE LOG

REMARKS

SIGNATURE

6-20-81 TACH 531.06 TOTAL 2176.8

: as ifly shot this ENGINE has been inspectedin accordance with a ANNUAL inspection andwas determined to be airworthy. Date 6-20-81Hadh Time 531.06 Total Time 2176.8

Donald S. Ward LA 403749497

THIS ANNUAL REPLACED BOTH IGNITION HARNESS,
 LEFT + RIGHT POINTS & CONDENSER, ENG. MOUNTS
 VALVE COVER GASKETS, CHANGED OIL & FILTER,
 SERVICED WITH AEROSHELL 50WT. 100GR.,
 BENCH TIMED MAGS & TIMED TO ENG.
 COMPRESSION GOOD ON ALL CYLINDERS,
 GROUND RUN ENG. CHECKED O.K.

STOP

Engine Serial

N C

ENGINE LOG

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Mo.	Day	Ground	Air					
9	13	75							
changed oil and filter, cleaned, gapped and checked plugs, checked compression #1-94 #2-94 #3-94 #4-94 installed new bushings in left mag too comply with AID 74-26-9, installed new grommets in carb air box shaft, timed both mags to engine, checked alternator and starter, checked muffler as per AID 70-16-5. TAC 492 TOTAL TIME 1589 Jim Davis 1400654 FA I certify this engine has been inspected in accordance with an 100 HR. inspection and was determined to be in airworthy condition Jim Davis 1400654 FA									
TOTAL TIME									

REMARKS

SIGNATURE

12-4-76 TAC 452 T.T. 1639, compression checks 75 or better. I certify this engine has been inspected in accordance with annual inspection and was determined to be in airworthy condition. Jim Davis 1400654 FA

4-9-78 changed oil & filter, new oil cooler, links #1 & #2, checked plugs, new front oil seal, new alternator belt, checked full screen, checked compression #1 to #2 to #3 to #4 to, checked points and timing. I certify this engine has been inspected in accordance with annual inspection and was determined to be in airworthy condition. Jim Davis, 1400654 FA

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs. Min.	Hrs. Min.	Hrs. Min.	Hrs. Min.	Hrs. Min.	Hrs. Min.
74	2 26								
Removed, cleaned & tested spark plugs, replaced one, changed oil & filter, cleaned engine, replaced alternator, stopped leak at gasulator, replaced screen in fuel gasulator, compression was #1- ⁶⁵ / ₈₀ , #2- ⁶⁸ / ₈₀ , #3- ⁷² / ₈₀ , #4- ⁶⁶ / ₈₀									
Date <u>2/26/74</u> Total Aircraft Time <u>1185.00</u> I certify this Engine has been inspected in accordance with a 100 HR. inspection and was determined to be in airworthy condition.									
Signature <u>William L. Walker</u> A&P No. <u>15616297-A</u>									
<u>6/13/74</u> <u>Stacy</u> <u>123668</u> <u>Propeller damaged during landing sent for repair</u> <u>Card book of 159</u> <u>A. G. Jennings: 1248914</u>									
TOTAL TIME									

REMARKS	SIGNATURE
8-10-74 100 hr inspection, changed oil, installed new oil filter, installed new spark plug lead to 1 cyl. installed new muffler. Run up on. I certify that this engine has been inspected in accordance with 100 hr inspection and was determined to be in airworthy condition. Tach. reads 91 TT 1278.6 Road & Boon A1405126	
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNA'S REGULATION AS REQUIRED BY CAR 43 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION	
SIGNATURE	<u>G. H. Montgomery</u>
INSPECTION AUTHORIZATION NO.	<u>A 125502</u>
TACH 0035 oil changed	9-18-74

ENGINE LOG

REMARKS

SIGNATURE

Oil changed - Filter and/or Screen

Date 26 NOV 68 Tach 300Mech JAMontgomery Aviation
Montgomery, Ala.Work order # 30154

I certify that this ENGINE has been inspected in accordance with a 100 hr inspection and was determined to be in A-worthy condition. The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.

Particular details of the repair are on file at this repair station under Order No. 30154 Date 26 NOV 68

Signed J. A. [Signature] for

(signature of authorized representative)

Montgomery Aviation Corporation

5370

Certificate no.

NOTICE:

P.O. Box 92, Mont...

Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS

SIGNATURE

Oil changed - Filter and/or Screen

Date 7 AUG 68 Tach 125Mech JAMontgomery Aviation
Montgomery, Ala.Work order # 30344

I certify that this ENGINE has been inspected in accordance with a 100 hr inspection and was determined to be in A worthy condition. The aircraft, airframe, aircraft engine, propeller, or appliance identified above was reviewed and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.

For more details of the repair are on file at this repair station under Order No. 30344 Date 7 AUG 68

Signed Jack E. Smith for

(Signature of authorized representative)

Montgomery Aviation Corporation 5370

Certificate no.

P.O. Box 92, Montgomery, Alabama

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty

Instructions for the Use of Log Book

1. This log must always accompany the engine to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.
5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

ENGINE LOG

N 1653J
License No.

MANUFACTURER { Name LYCOMING
 Address WILLIAMSPORT, PA.

Model D-320-E2A H. P. 150 Serial No. L-20477-27A

Stroke 3.875 Manifold Pressure { Normal
 Bore 5.125 { Maximum

R.P.M. { Normal 2700 B.H.P. { Normal
 { Maximum 2700 { Maximum

Gear Reduction Ratio Rotation of Propeller

Certified Correct Date

OWNER. { Name
 { Address