

THE  
**adlog**<sup>TM</sup>

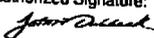
**AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM**

Installed 7/21/07

**ENGINE  
MAINTENANCE  
RECORDS**

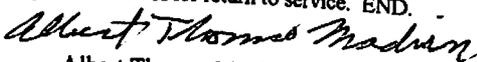
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTALS</b> brought forward from previous page				

28825

1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>MS-608229</b>	
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701				PRODUCTION CERTIFICATE #3		5. Work Order/Contract/ Invoice Number:  192548/6141515
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/ Work:	
1.1	CRANKSHAFT- ASSEMBLY	13B47128	1	N/A	NEW	
12. Remark: AIRWORTHINESS APPROVAL PARTS TRIAD AVIATION						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved Design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <u>14 CFR 43.9 Return to Service</u> - Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No: ODA830878NE		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): J. DABBACK		13e. Date (dd/mm/yyyy): 18-JUN-2024		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
<b>User/Installer Responsibilities</b>						
It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.						
Where the user/installer performs work in accordance with national regulations of airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accept aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.						
Statements in Block 13a and 14a do not constitute installation certifications. In all cases, aircraft maintenance records must contain an installation certificate issued in accordance with national regulations by the user/installer before the aircraft can be flown.						
FAA Form 8130-3 (02-14)						

1/1/25

1/1/2025 N55979 PA-28R-200 Lyc IO-360-C1C S/N L-6774-51A  
Tach 2148.62 TIS 5834.12 SMOH 360.52  
Engine removed, sent to Triad Aviation for inspection & repair, reinstalled.  
Installed new Hartzell HC-C2YR-1BFP/F7497, Hub S/N NS6751B, Blades S/N M32227 & M32236. Performed an Annual Inspection in accordance with FAR 43 Appendix D, Lycoming service manual & The Plane Station checklist. Service with 8 qts Acroshell 100 Straight Mineral oil & installed new AA48110-2. Replaced Brackett filter element BA-10. Welded repair to both mufflers, installed new gaskets. Checked electrical system & components, tested alternator, replaced alternator belt. Checked engine controls for proper travel & operation. Researched AD's; Complied with at Triad. Engine ran, checked operation & for leaks - OK. I have inspected this engine & find it in an Airworthy condition OK for return to service. END.

  
Albert Thomas Madison  
A&P885267181A  
229-403-9970



**Disassemble Lycoming IO-360-C1C engine, S/N L-6774-51A for repair.**

Disassembled Lycoming IO-360-C1C engine, S/N L-6774-51A for repair. Cleaned, inspected and repaired as needed. Replaced parts as listed. Reassembled and test ran in accordance with Lycoming Direct Drive Engine Overhaul Manual 60294-7 and FAA Regulations.

**Crankshaft** - P/N 13B47128, S/N V537985298- New from Lycoming (INV 6141515)

**Camshaft** - P/N LW-18840 - New from Lycoming (INV 571861)

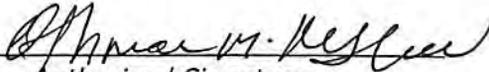
**Cylinders (4)** - P/N LW12993, S/N 974615, 020011, 055665, TA28825 - Repaired as needed. Cleaned, inspected, replaced exhaust studs, milled exhaust ports, honed barrels, refaced seats and valves, lapped and leak check OK - Repaired by Triad Aviation.

*CW 96-09-10C dated 7/15/1996 to prevent oil pump failure due to impeller failure. CW per SB524 installed gears P/N LW-18109 and LW-18110. CW 2004-10-14C dated 6/25/2004 to prevent loosening or failure of the crankshaft gear retaining bolt. CW per SB475C. CW 2012-19-01 dated 10/24/2012 to prevent failure of the crankshaft. Installed crankshaft P/N 13B47128 S/N V537985298. CW 2015-19-07 dated 11/3/2015 to prevent failure of the fuel injector fuel lines. CW per SB342G. CW 2017-16-11 dated 8/15/2017 to prevent connecting rod failure which could result in uncontained engine failure. CW per SB632B.*

**Test Run** - Lycoming IO-360-C1C Engine Serial Number L-6774-51A for 2 hours 15 minutes, RPM 2700, oil pressure 81 lbs., oil temperature 205 degrees, CHT 340, Magneto check at 2100 RPM, L 115 RPM, R 115 RPM. Compression test cylinder #1 75/80 #2 76/80 #3 79/80 #4 76/80. This engine and/or component is approved for return to service. All pertinent details on file at this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. WO# 28825



Triad Aviation, Inc.  
Burlington Municipal Airport  
3439 South Aviation Drive  
Burlington, NC 27215  
336-227-1467

  
Authorized Signature

07/31/2024

Date

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
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TOTALS brought forward from previous page

6-1-22	5828.2	354.6	2142.7	CHANGED OIL AND FILTER. SERVICE W/ 8 QTS ASLOW. CLEAN, INSP, REGRAP SPARK PLUGS. LEAK CK AND RUNUP GOOD.
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COMPRESSION					
1	2	3	4	5	6
76	80	76	80	78	80
76	80	78	80	80	80

I Certify That This ENGINE Has Been Inspected In Accordance With An ANNUAL Inspection And Was Determined To Be In Airworthy Condition. Time In Service: 5828.2 Date 6-1-22  
Signed [Signature] 35957432A

6/24/22	<del>628</del> 5831.4	Tach 2246.26 357.8		Replaced 60amp circuit breaker for Alternator. roney ck OK Jens M Swann ATP. 4418988
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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
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TOTALS brought forward from previous page

4-10-20	5774.9	301.3	2089.4	INSP ENGINE IAW AN ANNUAL INSPECTION CHANGED OIL AND FILTER. SERVICE W/ 8 QTS AS 100W. CLEAN, INSP AND REGAP SPARK PLUGS LEAK CK AND RUN UP OK
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COMPRESSION					
1	2	3	4	5	6
77	70	72	75	80	80

I Certify That This ENGINE Has Been Inspected In Accordance With AN ANNUAL Inspection And Was Determined To Be In Airworthy Condition. Time In Service: 5774.9 Date 4-10-20  
Signed J. R. H. 3595343TA

5-23-21	5801.9	328.3	2116.7	CHANGED OIL AND FILTER, SERVICE W/ 8 QTS AS 100W, CLEAN, INSP AND REGAP SPARK PLUGS. LEAK CK AND RUN UP OK
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COMPRESSION					
1	2	3	4	5	6
75	76	78	77	80	80

I Certify That This ENGINE Has Been Inspected In Accordance With AN ANNUAL Inspection And Was Determined To Be In Airworthy Condition. Time In Service: 5801.9 Date 5-23-21  
Signed J. R. H. 3595343TA


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																		
<b>TOTALS</b> brought forward from previous page																						
2-16-17	5703.8	230.2	2018.3	INSPECTION ENGINE IAW AN ANNUAL INSPECTION CHANGED OIL AND FILTER, SERVICE W/ 8 QTS AS100W, CLEAN, INSPECTION AND REGAP SPARK PLUGS. LEAK CHECK AND RUN UP OK																		
<table border="1"> <caption>COMPRESSION</caption> <thead> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>75</td> <td>80</td> <td>72</td> <td>80</td> <td>71</td> <td>80</td> </tr> <tr> <td>74</td> <td>80</td> <td>74</td> <td>80</td> <td>80</td> <td>80</td> </tr> </tbody> </table>					1	2	3	4	5	6	75	80	72	80	71	80	74	80	74	80	80	80
1	2	3	4	5	6																	
75	80	72	80	71	80																	
74	80	74	80	80	80																	
<p>I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With <u>AN ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition. Time In Service: <u>5703.8</u> Date <u>2-16-17</u> Signed <u>J. P. [Signature]</u> 3595543-7A</p>																						
2-1-19	5757.6	284.0	2072.1	REINSTALLED ENGINE AFTER REPAIRS SERVICED W/ 8 QTS AS100W, LEAK CHECK AND RUNUP OK																		
<p>I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With <u>AN ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition. Time In Service: <u>5757.6</u> Date <u>2-1-19</u> Signed <u>J. P. [Signature]</u> 3595543-7A</p>																						

**Disassemble Lycoming IO-360-C1C engine serial number L-6774-51A for repair**  
 Disassembled Lycoming IO-360-C1C engine serial number L-6774-51A for repair. Cleaned, inspected, magnafluxed, and repaired as needed. Replaced parts as listed.  
 Reassembled IAW Lycoming Overhaul Manual and FAA Regulations.  
**Crankcase** - C/N 72081 M/N 461 repaired by Divco wo#122839  
**Camshaft** - New from Lycoming P/N LW-18840 lot #MS-504607  
**Lifters** - New from Lycoming (8) P/N 15B26588  
**Cylinders** - Repaired as needed. Cleaned, inspected, honed barrels, refaced seats and valves, lapped and leak check ok.  
**Test Run**- Test ran Lycoming IO-360-C1C engine serial number L-6774-51A for 2 hours 15 minutes, RPM 2700, oil pressure 84, oil temperature 185, CHT 345. Magneto check at 2100 RPM, L 125 RPM R 125 RPM. Compression test cylinder #1 76/80 #2 78/80 #3 78/80 #4 77/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station.  
 TRIAD AVIATION, INC. FAA REPAIR STATION# PP4R448M. wo# 24354

Engine Total Time: 5757.6



Triad Aviation, Inc.  
 Burlington Municipal Airport  
 3439 South Aviation Drive  
 Burlington, NC 27215  
 336-227-1467

Offman M. Rashed  
 Authorized Signature  
 12/17/2018  
 Date

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
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TOTALS brought forward from previous page

1-8-16	5683.4	209.8	1997.9	INSPECTION ENGINE ITAW AN ANNUAL INSPECTION CHANGED OIL AND FILTER. REPLACED VACUUM PUMP SHAFT SEAL CLEAN, INSP AND REGAT SPARK PLUGS.
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COMPRESSION					
1	2	3	4	5	6
78	80	78	80	80	80

I Certify That This ENGINE Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In Airworthy Condition. Time In Service:

5683.4 Date 1-8-16  
Signed J. P. N. 3573343 JA

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																								
6-21-13	5628.4	154.8	1942.9	INSP ENGINE IAW AN ANNUAL INSP. CHANGED OIL AND FILTER, SERVICE W/ 8 QTS API100W. CLEAN INSP AND RECAP SPARK PLUGS. LEAK CK AND RUN UP OK																								
				<table border="1"> <thead> <tr> <th colspan="6">COMPRESSION</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>77</td> <td>77</td> <td>76</td> <td>77</td> <td>80</td> <td>80</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </tbody> </table>	COMPRESSION						1	2	3	4	5	6	77	77	76	77	80	80	80	80	80	80	80	80
COMPRESSION																												
1	2	3	4	5	6																							
77	77	76	77	80	80																							
80	80	80	80	80	80																							
				<p>I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With <u>AN ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition. Time In Service: <u>5628.4</u> Date <u>6-21-13</u> Signed <u>J. Q. Han</u> 3595343-IA</p>																								
10-1-14	5659.8	186.2	1974.3	INSP ENGINE IAW AN ANNUAL INSP. CHANGED OIL AND FILTER SERVICE W/ 8 QTS API100W CLEAN 7 RECAP SPARK PLUGS. REMOVE #3 CYL AND NONE BORE AND REASSEMBLE. LEAK CK AND RUN UP OK.																								
				<table border="1"> <thead> <tr> <th colspan="6">COMPRESSION</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>77</td> <td>75</td> <td>76</td> <td>77</td> <td>80</td> <td>80</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </tbody> </table>	COMPRESSION						1	2	3	4	5	6	77	75	76	77	80	80	80	80	80	80	80	80
COMPRESSION																												
1	2	3	4	5	6																							
77	75	76	77	80	80																							
80	80	80	80	80	80																							
				<p>I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With <u>AN ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition. Time In Service: <u>5659.8</u> Date <u>10-1-14</u> Signed <u>J. Q. Han</u> 3595343-IA</p>																								

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
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TOTALS brought forward from previous page

1-24-11 5593.5 119.9 1908.0 INSP ENGINE IAW AN ANNUAL INSP.  
 CHANGED OIL AND FILTER. SERVICE W/ FLTS  
 AS 100W. CLEAN, INSP AND REGAY SPARK  
 PLUGS. LEAK CK AND RUN UP OK.

COMPRESSION					
1	2	3	4	5	6
72/80	74/80	77/80	78/80	80	80

I Certify That This AIRCRAFT Has Been  
 Inspected In Accordance With AN ANNUAL  
 Inspection And Was Determined To Be In  
 Airworthy Condition. Time In Service:

5593.5 Date 1-24-11

Signed [Signature] 561920478 ZA

3-7-12 5607.4 133.8 1921.9 INSP ENGINE IAW AN ANNUAL INSP.  
 CHANGED OIL AND FILTER. SERVICE W/ FLTS  
 AS 100W OIL. CLEAN, INSP AND REGAY  
 SPARK PLUGS. LEAK CK AND RUN UP OK

COMPRESSION					
1	2	3	4	5	6
76/80	75/80	74/80	76/80	80	80

I Certify That This ENGINE Has Been  
 Inspected In Accordance With AN ANNUAL  
 Inspection And Was Determined To Be In  
 Airworthy Condition. Time In Service:

5607.4 Date 3-7-12

Signed [Signature] 5595343 ZA

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																								
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9-2-08	5516.0	42.5	1830.5	<p>INSP ENG. IAW AN ANNUAL INSP.            CHANGED OIL AND FILTER, SERVICE W/            SPTS AS 100W. CLEAN, INSP AND RECAP            SPARK PLUGS. LEAK CK AND RUN UP OK</p>																								
				<table border="1" data-bbox="792 546 1255 665"> <thead> <tr> <th colspan="6">COMPRESSION</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>77</td> <td>80</td> <td>76</td> <td>80</td> <td>77</td> <td>80</td> </tr> <tr> <td>77</td> <td>80</td> <td>77</td> <td>80</td> <td>77</td> <td>80</td> </tr> </tbody> </table>	COMPRESSION						1	2	3	4	5	6	77	80	76	80	77	80	77	80	77	80	77	80
COMPRESSION																												
1	2	3	4	5	6																							
77	80	76	80	77	80																							
77	80	77	80	77	80																							
				<p>I Certify That This <u>ENGINE</u> Has Been            Inspected In Accordance With <u>AN ANNUAL</u>            Inspection And Was Determined To Be In            Airworthy Condition. Time In Service:  <u>5516.0</u> Date <u>9-2-08</u>            Signed <u>[Signature]</u> <u>561920478 JA</u></p>																								
12-18-09	5560.4	86.9	1874.9	<p>INSP ENGINE IAW AN ANNUAL INSP.            CHANGED OIL AND FILTER. SERVICE W            SPTS AS 100W. CLEAN, INSP SPARK            PLUGS. LEAK CK AND RUN UP OK</p>																								
				<table border="1" data-bbox="718 1381 1181 1510"> <thead> <tr> <th colspan="6">COMPRESSION</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>77</td> <td>80</td> <td>77</td> <td>80</td> <td>77</td> <td>80</td> </tr> <tr> <td>77</td> <td>80</td> <td>74</td> <td>80</td> <td>77</td> <td>80</td> </tr> </tbody> </table>	COMPRESSION						1	2	3	4	5	6	77	80	77	80	77	80	77	80	74	80	77	80
COMPRESSION																												
1	2	3	4	5	6																							
77	80	77	80	77	80																							
77	80	74	80	77	80																							
				<p>I Certify That This <u>ENGINE</u> Has Been            Inspected In Accordance With <u>AN ANNUAL</u>            Inspection And Was Determined To Be In            Airworthy Condition. Time In Service:  <u>5560.4</u> Date <u>12-18-09</u>            Signed <u>[Signature]</u> <u>561920478 JA</u></p>																								
				SUB-TOTALS this page																								

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<b>TOTALS</b> brought forward from previous page				

1. Approving National Aviation Authority/Country: <b>UNITED STATES</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: Invoice # 3302	
4. Organization Name and Address: SIGNATURE ENGINES, INC., 4204 AIRPORT ROAD, CINCINNATI, OHIO 45226				5. Work Order/Contract/Invoice Number: E4856		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial Batch Number:	12. Status/Work:
1	LYCOMING ENGINE	IO-300-C1C	N/A	1	L-6774-61A	OVERHAULED
13. Remarks: THIS ENGINE HAS BEEN OVERHAULED IN ACCORDANCE WITH THE APPLICABLE LYCOMING MANUALS. A LIST OF ALL PARTS, F.A.A. AIRWORTHINESS DIRECTIVES AND MANUFACTURER'S SERVICE BULLETINS COMPLIED WITH ARE A PART OF THESE RECORDS. ALL PARTS HAVE BEEN INSPECTED AND HAVE BEEN DETERMINED AIRWORTHY TO RETURN TO SERVICE. ENGINE TEST RUN PER OVERHAUL MANUAL. TEST SHEET FURNISHED. THIS ENGINE IS RETURNED TO SERVICE. PARTS AND ACCESSORIES REPLACED: 4 ECI Rebuild Cylinders 2 Magnets 1 Harness 1 Set of New Spark Plugs 1 Fuel Injection 1 Fuel Pump Engine T.S.M.O. 0.0 Hours Engine T.T.S.N. 5473.5 Hours						
14. Verify the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in conformity for safe operation <input type="checkbox"/> Non-approved design data specified in Block 15.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
16. Authorized Signature:		16. Approval Authorization No.:		20. Authorized Signature: <i>Steven A. Darr</i>		21. Approval Certificate No.: ESZR16A
17. Name (Typed or Printed):		18. Title:		22. Name (Typed or Printed): Steven A. Darr, Inspector		23. Date (m/d/y): June 12, 2007
<b>User/Installer Responsibilities</b>						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in national regulations by the user/installer before the aircraft may be flown. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data						

NSN 0052-00-012-9005

7-21-07 5473.5 0.0 1788.0 **INSTALLED ENGINE ON N55979  
INSTALLED NEW LORD MTS. AND HARDWARE  
REPLACED BAFFLE SEAL, REPLACED FUEL  
LINES. LEAK CK AND RUN UP OK**

I Certify That This ENGINE Has Been  
Inspected In Accordance With An ANNUAL  
Inspection And Was Determined To Be In  
Airworthy Condition. Time In Service:  
5473.5 Date 7-21-07  
Signed [Signature] 561920478 JA


**SUB-TOTALS** this page  
**TOTALS**-Carry forward to next page



# ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N55979

Lycoming \_\_\_\_\_

Model: IO-360-C1C \_\_\_\_\_

Serial # : L-6774-51A \_\_\_\_\_

Date installed on aircraft 7-21-07

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:

- Right
- Left
- Front
- Rear



**AEROTECH PUBLICATIONS INC.**

www.adlog.com  
 PO BOX 1359 / SOUTHOLD, NY 11971-0965  
 (631) 765-9375  
 1-800-235-6444  
 FAX: (631) 765-9359

FACTOR OVER 4000

*The Standard*



**ENGINE LOG**

ASA-SE-1





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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			Tach Time <u>5321.92</u> Total Time _____	/
			I certify that this aircraft/engine has been inspected in accordance with a <u>100 hr</u> inspection & was determined to be in an airworthy condition.	
			Pertinent details are on file at this agency under Work Order No. _____ Date: <u>10-15-04</u>	
			Signed <u>Kevin Hardner</u> IA <u>AP453949170</u>	

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
			<u>4-8-2005 Tach 5413.26 TTSMOH 1569.96</u>	/
			Performed routine inspection in accordance with manufactures recommendations; Changed oil and oil filter serviced with 8qts Aeroshell 100W oil; Cut and inspected oil filter-no metal found; Replaced all spark plugs REM38E; Replaced piston rings pn*SL360LSC #1 cylinder due to low compression and replaced all gaskets and seals, worked accomplished using IO360C1C overhaul manual; Replaced alternator belt pn*73965-015, set belt tension and secured; Replaced scat ducting from exhaust shroud to firewall; Replaced scat ducting from oil cooler to cowling; Replaced missing rivet with screw and nut Rt. Magneto cooling blast tube; Removed broken Alternator bracket hold down bolt and replaced w/ new; Tightened all valve covers; Compression check 40/80(Replaced piston rings and rechecked 76/80; 75/80; 76/80; 76/80; Checked L/R magneto timing; Ran engine and checked for leaks and proper operation; Checked airworthiness directives thru 2005-06 T-data; See ad list for details.	
			I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an AIRWORTHY condition.	
			Signed <u>Jeff Berch</u> IA 591343481 AP Date <u>4-8-2005</u>	







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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
OCT 14, 2002	TACH: 4907.3			Changed oil & Filter Added 2 qts 5 Owt Aero-shell Det oil RAR Prop Governor Eng adapter in- stalled New Caskets Row Eng No Leaks Noted. AP 26623326 Matt Nely
	Clearwater Air		3.100	
Maintenance	14421 Airp	FL 33762		

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-21-02	TACH 4917.69			Changed oil + oil filter. Serviced with 8 qts of aerashell 100, G cleaned + gapped plugs. Replaced glow plugs. Compression #1 65/80 #2 67/80 #3 71/80 #4 71/80 tightened valve covers as needed. Replaced air filter Tach Time 4917.69 Total Time I certify that this aircraft/engine has been inspected in accordance with a 160AF Inspection & was determined to be in an airworthy condition. Pertinent details are on file at this agency under Work Order No. ON FILE Date: 11-21-02 Signed Troy Hunter for AP 306983359

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
03/01/02				Performed Routine inspection IAW Manufacturer Rec's. Changed oil + filter Serviced w/ 8qts Aeroshell w/100. Cleaned + Gapped Plugs
	Tach 4723.15			Compressions #1 75/ #2 77/ #3 78 #4 78 over 80
	smoh 879.85			Installed New intake Gasket @ #2 cyl
	TT 4723.15			Cut & Re flared #2 oil return tube. Adjusted Oil Pressure
				Tach Time 4723.15 smoh 879.85
				I certify that this aircraft/engine has been inspected in accordance with a <u>100 hr</u> inspection & was determined to be in an airworthy condition.
				Pertinent details are on file at this agency under
				Work Order No. <u>on file</u> Date: <u>3-1-02</u>
				Signed <u>David Haman</u> for <u>ADP593226693</u>

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-31-02				
	Tach:4826.85			
	TTAF:4826.85			
	Tsmoh:983.55			
	Tteng:4826.85			
				Performed routine inspection in accordance with manufactures recs; Changed oil and oil filter serviced with 8qts aeroshell 100w oil: cut and inspected oil filter- no metal found; Cleaned and gapped all spark plugs; Secured Rt. P-lead line to magneto; Tightened all valve covers; Secured several wire rear of engine with stand-offs; Compression check 72/80; 74/80; 74/80; 76/80; Checked ads thru 2002-09 tdata;
				Tach Time <u>4826.85</u> Total Time <u>TSMOH: 983.55</u>
				I certify that this aircraft/engine has been inspected in accordance with a <u>100 hr</u> inspection & was determined to be in an airworthy condition.
				Pertinent details are on file at this agency, under
				Work Order No. <u>on file</u> Date: <u>5-31-02</u>
				Signed <u>Jeff Bender</u> for <u>IA 591343481</u>

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-25-01	TACH: 4525.21			<p>Performed Routine inspection IAW manufacturer Pils. changed oil &amp; oil filter removed of Rockwell (KRW) oil. cleaned &amp; replaced all spark plugs; tightened oil filter checked bearing, Compression Check 76/80, 78/80, 78/80, 78/80, C/W Ad 93-02-05 fueling. Air OK</p> <p>Tach Time <u>4525.21</u> Total Time <u>4525.1</u></p> <p>I certify that this aircraft/engine has been inspected in accordance with a <u>Visual</u> inspection &amp; was determined to be in an airworthy condition. Pertinent details are on file at this agency under Work Order No. <u>on file</u> Date: <u>5-25-01</u> Signed <u>Jeff Decker</u> for <u>IA 59131341</u></p>

DATE 2001 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-21-01	4637.99			<p>Performed Routine Inspection. Drained oil, checked sump screen. Serviced 4/8 gts AeroShell 100. Cleaned &amp; gapped Plugs. Compressions #1 75/80 #2 76/80 #3 77/80 #4 75/80. C/W Ad 93-02-05. OK</p> <p>Tach Time <u>4637.99</u> Total Time _____</p> <p>I certify that this aircraft/engine has been inspected in accordance with a <u>100 hr</u> inspection &amp; was determined to be in an airworthy condition. Pertinent details are on file at this agency under Work Order No. <u>on file</u> Date: <u>11-21-01</u> Signed <u>David Wamsel</u> for <u>IA 59132286B</u></p>

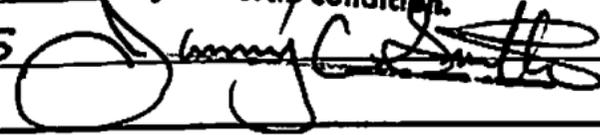
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-22-01	4431			changed oil + filter serviced 8pts aeroshell w/100.50 oil Replaced spark plugs, replaced induction air filter compressions 75, 78, 78, 78/80 CW'd AD 93-03-05 Injection lines.
TSMCH	587.7			
			Tach Time <u>4431</u> Total Time <u>4431</u>	
I certify that this aircraft <del>engine</del> has been inspected in accordance with a <u>100-hr</u> inspection & was determined to be in an airworthy condition. Pertinent details are on file at this agency under Work Order No. _____ Date: <u>2-22-01</u> Signed <u>Kevin Gardner</u> for <u>AP45547170</u>				

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Apr 11, 2001	TACH: 4488.6			Performed 50 Hr Insp per Maint MAN. Changed oil + Filter Added 8pts 50wt Aeroshell Dot oil Cooked Eng over, WASHED Eng Down Raw Eng No Leaks Noted. APP 20623326 Match <u>[Signature]</u>

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-10-00				Performed Routine inspection saw manufacturer Recs.
TACH:	4227.0			Changed oil & oil filter serviced w/ Esso Avschell 100w.
TSMOH:	383.70			Cleaned & gapped all spark plugs as needed. Reinstilled
TTEW:	4227.0			manifold press. line; Tightened all cyl. oil return
				line clamps; Removed fa outside repair H aft muffler
				sprawl; Installed missing manifold fuel drain hose;
				Repl. 2 HVRH magnets gaskets & adjust gasket;
				Repl. #1 cyl top plug lead; Tightened belt HVRH magnets
				P-levels; Compression check 74, 75, 75, 75/80;
				Tach Time <u>4227.0</u> Total Time <u>4227.0</u> TSMOH: 383.70
				I certify that this aircraft/engine has been inspected
				in accordance with a <u>ANNON</u> inspection & was
				determined to be in an airworthy condition. <u>Jeff Bender</u>
				Pertinent details are on file at this agency under <u>TA 591343481</u>

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-19-00				Performed Routine inspection saw manufacturer Recs.
TACH:	4331.0			Changed oil & oil filter serviced w/ Esso Avschell 100w oil.
TTEW:	4331.0			Repl. engine driven mech. fuel pump w/ new;
SMOH:	487.7			Repaired small hole on exhaust strand; Stop drilled
				small crack on #2 cyl. tappet; Cleaned & gapped all
				spark plugs; Tightened all Valve covers as needed;
				Removed fuel injectors & cleaned; Installed oil gunk
				chain; Compression check 74, 75, 75, 75/80.
				Tach Time <u>4331.0</u> Total Time <u>4331.0</u> SMOH: 487.7
				I certify that this aircraft/engine has been inspected
				in accordance with a <u>100HR</u> inspection & was
				determined to be in an airworthy condition.
				Pertinent details are on file at this agency under
				Work Order No. <u>on file</u> Date: <u>12-19-00</u> <u>AP 591343481</u>

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2000				
0502	4154.83	316.53	4154.83	* → (cont) Inspect exhaust make repairs to muffler shroud, Remove All Intake Pipes, Re-work by Firewall Forward, Re-install F.A.W. h/c, manual Inspect Oil cooler & Hoses per AD 95-26-13 per Para. (b) & (c) next due @ 100 hrs or Annual Inspect Fuel System & Condition & Security, clean screens & check OK, Service Engine with 8 qts AS 15W50 OIL and Inst. New 48110 OIL FILTER, Inspect ACCESS. for Cond & Security Inspect Baffle/Seals for Cond. & Security. AD's checked thru 04-00 and c/w AD 93-02-05 Fuel Inj. Lines by Inspect, next due @ 100 hrs or Annual, Ground Ops check Run * → cont

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2000				
0503	4159.83	316.53	4159.83	* → (cont) leak check, Ground test OK THIS ENGINE HAS BEEN INSPECTED I.A.W. A 100 HOUR INSPECTION AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME  AP 419829545
				AVSERV 6 ELLIS HAYNES DR. JASPER, AL. 35503 205 221-3341
				Date <u>05-03-00</u> Total time <u>4159.83</u> I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and determined to be in an air worthy condition.  AP 419829545

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				date <u>02-17-99</u> total time <u>3975.0</u> I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and determined to be in an air worth condition A I No. <u>152751A</u> <u>James Smith</u>
06-01-99	3975.9		3975.9	Drain Engine Oil, Remove Filter Inspect for Metal, none noted, Test new 48110 Filter Add 8qt's AS 15W50 Oil, OAS OK <u>James C. Smith</u> <u>AP#19524845</u>

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-11-99	4126.5		4126.5	Drain Engine Oil, Remove Filter Inspect for Metal, none noted, Test new 48110 Oil Filter, Add 8qt's AS 15W50 Oil, OAS OK <u>James C. Smith</u> <u>AP#19524845</u>
				TSNCH
05-01-00	4159.83	316.53	4159.83	Perform 100 hour Inspection USWG, LYC. SER. MAN, Piper Serv. Manual, AC 43.13 and check list AS guide, pertinent details of Insp- ction on file @ AUSERV W.O. # 0458, Compressor check Performance (1) 74/80 (2) 72/80 (3) 75/80 (4) 70/80, Remove Plug's clean, gap, Test Reinstall, Inspect Ignition Harness mag to Eng. Timing & Condition & Security * -> cut next

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1998 09-15	3925.0		3925.0	Drain Oil, Remove Filter, Inspect for metal, Install New CN48103 Filter, Add BGS A.S. 15W50 Ground Op's check O.K. J. C. Smith AIP 419828545
02-17-99	3925.0		131.70	PreForm 100 hour Inspection, Drain Engine Oil, Remove Filter check for metal none noted, PreForm Oil Analysis check for S.I. #1492A PreForm Compressor check #1) 100 (2) 150 (3) 75 (4) 100 Remove Spark Plug's clean, gap, Test, Paint Reinstall, Inspect Magnets for Condition and Security, Inspect harness for Condition and Security, check mag to Eng Timing, Inspect & lube Starter, Inspect Fuel, Oil

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1999 02-17-99	3925.0		131.70	* end hoses for Condition & Security Inspect Fuel Screens, Remove, clean Reinstall Leak check O.K., Inspect Alternator for Condition & Security, Inspect wire harness for Cond & Security Air Filter checked, replaced, Inspect exhaust sys. Remove, Repair by AWI see W.O. # 6071 & 6072 Reinstall, Add BGS A.S. 15W50 Oil Ground Op's check O.K. AD's checked Thr Biweekly 02-15-99 in this engine Inspected I.A.W. A 100 hour Inspection and is determined to be in an airworthy condition at this time J. C. Smith AIP 419828545

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-18-97			3843.30	OO SINCE MAJOR OVERRHAUL. S/N L-6774-51A This engine installed AFTER O.H. using new shock mounts, new REM 38 F SPARK PLUGS, New PROP CONTROL OIL PRESS HOSE installed P/N 124F-001 Fuel Hose P/N 124F-003, New BA-10 AIR INLET FILTER, New Alternate DRIVE BELT, New ATT. NOISE CAPACITOR, serviced with mineral oil AERO SHELL 40 wt. N.D. Checked ALL CONTROLS, Replaced PROP GOVERNOR CONTROL PULLIE WITH SER. ITEM. I certify that this engine has been inspected and determine to be in an airworthy condition check AD notes in back of this book. Released for service James C. Smith ATP 1527518 Capt'

NEXT PAGE

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Date <u>12-18-97</u> total time <u>3843.30, 05 MOT</u> I certify that this <u>Engine</u> has been inspected in accordance with <u>Annual</u> inspection and determined to be in an air worth condition. James C. Smith A I No. 1527518
12-22-97				TEST FLIGHT RECOMMENDED, TEST FLT. C/W. set idle to 700 RPM. ACT. Released for Ser. James C. Smith ATP 1527518
03-25-98	3875.0			DRAIN OIL, Renew Filter Install new C448103 Filter and add 8 qts A.S. 15W50 OIL Op's check OK James C. Smith ATP 1527518



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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-6-96	Tach		3692.5	DATE 8-6-96 Total Aircraft Time 3692.5 I certify this ENG. has been inspected in accordance with a 100% inspection and was determined to be in airworthy condition. Signature: <i>[Signature]</i> A & P No. 263316221
	SMOOTH		1052.5	
				DATE 8-6-96 Total Aircraft Time 3692.5 I certify this ENG. has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Signature: <i>[Signature]</i> A & P No. 148320267A
8-14-97	Tach		3698.9	Installed overhauled Fuel Int. Servo. Eng Run checked No RPM Wash State AWP 1235251

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-14	3706.0			Oil and Filter Changed 6ats and new oil Filter with Killigall CFT412124082
25 JAN 97	3777.26			REPLACED STARTER W-CUSTOMER SUPPLIED SKY-TEC 149-12LS SUPER FLYWEIGHT F2K101709. OPS ✓ OK <i>[Signature]</i> AWP 194425080TA
3 Feb 97	3778.00			CHANGED LUBE OIL & FILTER. 8ats A.S. 15 W 50. Customer supplied (1) CH-48110 FILTER. OPS ✓ OK <i>[Signature]</i> AWP 194425080TA

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1925				
1-16-95	361118			Replaced Induction drain valve cleaned capped, tested spark plugs, fuel injector lines & securing. AW AD-93-02-05 by Replacing #1 & 3 Cyl. fuel injector lines & securing. AW SB-342A. for details see w/p #0693. John M. Mills A&P-1367753
11-9-95	36605			Changed Oil & filter, cleaned, capped spark plugs, Compression ck. #1. 2 1/2 #2 - 2 1/2 #3 - 2 1/2 #4. 2 1/2 #5 services with Shell 100w oil, AW AD-93-02-05 by inspection marked Eng ground run for leaks & performance. I Certify that this Eng. has been inspected & AW a 100 hr. inspection and was determined to be in airworthy condition. John M. Mills A&P-1367753 F.A.

DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19				
8-6-96	Tach 3692.5			fuel lines by Insp. AW #1293-02-05 Fuel Lines by Insp. AW #1295-26-13 re installed new ALTERNATOR, installed new Prop Shaft Seal, Replaced Belt, installed new Prop Shaft Seal, Replaced intake belts #2 cyl Pk #2 cyl Do to Stupid Helicoil this failed Exchange See Tag this page changed oil + filter. Run and check OK. Compression over 80/1-76 2 1/2 #1 3-74 4-72 Replaced Beffle Seal + Gout Seal. Secured loose wires and replaced Adels as needed cleaned & painted Engine. Softed oil bypass Replaced 1 each Spark Plug → over →



DATE 19 <u>92</u>	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-6	2660.2	ATWAC		Performed 100 Hour inspection as per Piper form #230-259. Changed oil & filter - serviced with Exxon EE oil. Compression tests #1 68/80 #2 73/80 #3 74/80 #4 76/80. Installed new spark plugs. Wash & ground run - no oil leaks noted. Approval for return to service
	3179.53	TACH		
<p>I certify that this aircraft engine has been inspected in accordance with a <u>100 Hour</u> inspection, was determined to be in airworthy condition. Date <u>5-6-92</u> Total Time <u>141.6 TSMH</u> Louisiana Aircraft, Inc. W/O # <u>46370</u> CRS-UG1R531K Inspector <u>[Signature]</u></p>				

DATE 19 <u>93</u>	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
07-01	3428.00	Tach time	Total time since MOH 388.8 hrs.	Completed 100 hr insp changed oil & filter. no con- taminants noted in oil filter at this time. Replaced #1 cylinder with new Dyc. Cylinder. Replaced Spark plugs. Engine Comp #1 78/80 #2 74/80 #3 72/80 #4 76/80. Comp check at normal temp Engine washed & burned, checked for leaks, no leaks found. at this time. -end-
	249.0	L year		
<p>I certify that this Engine has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition this date 07-01-93 <u>[Signature]</u> W/O # <u>438536073</u></p>				

DATE 19 <u>91</u>	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-4	2999.6			to be in an airworthy condition Carl W Koenig
		SOH 1691.3		Carl W Koenig
		T.T 2999.6		JA 434809770
4/4/91	2999.6			Installed Precise Flight Standby Vacuum system SVS III as per STC SE1779 NM. E.F. GATE CHAIR See FAA 337 E.F. Gate Chair #P 1204981 Carl W Koenig Carl W Koenig JA 434809770

DATE 19 <u>91</u>	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-28	91			TACH READS 3037.9 hrs T. S. MOH 1.2 hrs - MAJOR OVERHAUL AT THIS TIME.
				REPLACE - MAIN BEGS, ROD BEGS, OIL PUMP SHAFT, OIL PUMP ASSY, TACH SHAFT, GASKET SET, RING SET, EX VALVES, PISTONS, PINS & PLUGS, NOZZLES, SEATS & GUIDES, OVERHAUL - CAMSHAFT, HYD LIFTER BODIES, CRANKCASE ASSY, ACCESSORY CASE, CRANKSHAFT, CONNECTING RODS, CYLINDER ASSYS ALL CERMICROME, FILL 50WT NON DETERGENT, TEST RUN PER CUSTOM AIRMATIVE, GROUND RUN ON AIRCRAFT CHECK SATISFACTORY.
				NOTE ALL TAGS & TEST RUN SHEET IN AIRCRAFT BOOKS
				SIGNED  APP 1780196

DATE 1990	RECORDING TACH TIME	SDH TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-18	2955.70			CHANGED OIL + FILTER SERVICED WITH AERO-SHELL 50 W. CUT OPEN OLD FILTER, FOUND ONLY CARBON FLAKES. RUN ENG, CHECKED FOR OIL LEAKS, WASHED ENG AND RETURNED TO SERVICE R.E. Luketel 1380766
4/4/91	2999.6	1691.3	2999.6	Drained oil, replaced CH48110 filter, old filter no metal, Replaced seat hoses Installed alternator noise suppressor Replaced rocker cover gaskets. Corrosion control intake pipes Repaired E.G.T. wire (soldered) I certify that this engine has been inspected in accordance with an annual inspection & was determined to be in an annual inspection and was determined



ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lyce MODEL 10 360 C1C

SERIAL L 6774-51A TYPE CERTIFICATE \_\_\_\_\_

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT N 3072 R

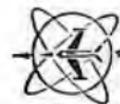
MINIMUM OCTANE FUEL \_\_\_\_\_ OIL GRADE SUMMER \_\_\_\_\_ WINTER \_\_\_\_\_

MAGNETO TIME \_\_\_\_\_ POINT SETTING \_\_\_\_\_ FIRING ORDER \_\_\_\_\_

SPARK PLUG GAP \_\_\_\_\_

MFG. RECOMMENDED OVERHAUL AT \_\_\_\_\_ HOURS.

*The Standard*



**ENGINE LOG**

N3072R

Piper Arrow  
N3072R

**ENGINE LOG # 01**

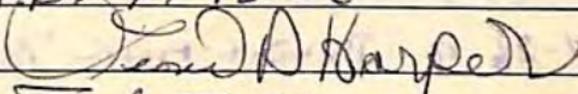
## ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
MARCH	22, 1990			TACH = 2827 hrs		
				C/W A.R. 90-04-06 BY INSP (A) (1), Clamp P.N.		
				75165, Clamp (ADALL) P.N. LW-16266-25-38 + hose STD. 1930		
				ALL INSTALLED, LINE DRY & GOOD CONDITION, RETORQUED		
				818 NUTS TO 270" TORQUE EA. GOVENER HAS STEEL		
				ELBOW, NOSE HAS ALUMINUM, LINE HAS ALUMINUM		
				END FITTINGS, PART (B) TO BE C/W AT O.H. OR		
				WHEN GOV LINE REMOVED, INSTALLED NEW OIL		
				LINE OUTLET TO COOLER, INSTALLED TCM/BENDIX		
				S#LN-1227 MAG, P.N. ES10-349365-3 S.N. 00419 ON		
				LEFT SIDE, INSTALLED TCM/BENDIX ES10-349305-1		
				S#LN-1209		

CARRY TOTAL TIME TO TOP OF NEXT PAGE

CONT NEXT PG.

## ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating &amp; Cert. No.</small>
MO.	DAY	
		S.N. 0011292 ON RT WITH NEW GASKETS
		TIMED TO 25° B.T.C. CLEANED LOWER
		OIL FINGER SCREEN OK. R+R PROP
		FOR A.D, SEE PROP LOG + YELLOW TAG.
		TACH CH OK I.A.W. A.D. 77-12-06
		 J.A. 524582723

### ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
6/29/89					Completed oil change this Date. Drained oil & replaced filter. Inspected old filter for metal, ok. Replenished with 8 qts Aeroshell 50W oil. Also installed 4 new exhaust gaskets. Washed engine & ground run for leak check, ok.	<i>[Signature]</i> AIP535649308
Sep, 10, 1989		TACH	2774.0 hrs		CHANGED ENG oil & FILTER, CUT FILTER OPEN, NO METAL FOUND. Washed ENG & Bolts. 7qt Aero shell 15/50	<i>[Signature]</i> I.A. 524582723

CARRY TOTAL TIME TO TOP OF NEXT PAGE

### ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating &amp; Cert. No.</small>
MO.	DAY	
MARCH	03, 1990	TACH & TOTAL TIME = 2825.0 hrs Comp # 1 74/80 #2 72/80 #3 73/80 #4 75/80 INSTALLED 8 EA Rem38E SPARK PLUGS, Removed & PLEAVED ALL FUEL INT. NOXELS. PLEAVED INT BODY FUEL SCREEN, Flushed FUEL SYS while INT LINE were DISCONNECTED. CHANGED ENG oil & FILTER, CUT FILTER OPEN, NO METAL FOUND. INSTALLED new oil FILTER & SERVICED ENG with 7qt Aeroshell 40W. CH MAGS & TIMING OK. I CERTIFY THIS ENG HAS BEEN GIVEN AN 100hr/ANNUAL INSP. & IS APPROVED FOR RETURN TO SERVICE <i>[Signature]</i> I.A. 524582723



## ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
3	11	27553.38			Install 1 new oil filter, Serviced with 5 qts low quarts oil + Phillips x/c engine oil (AP 5249003) ✓	
July	27,	1987	Tach Time 2582		Replaced thru-bolt between #24 #3 cylinders. Ground run check good.	Robert E. Peltan AP 2284261

CARRY TOTAL TIME TO TOP OF NEXT PAGE

## ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating &amp; Cert. No.</small>
MO.	DAY	
JAN	05, 1988	TACH = 2599 hrs PUMP #1 73/80 #2 75/80 #3 75/80 #4 75/80 CLEANED + GAPPED SPARK PLUGS, REMOVED, CLEANED + REINSTALLED ALL INSPECTOR NOZZLES, CLEANED ALL FUEL SYS SCREENS. CHANGED ENG OIL + FILTER, CUT FILTER OPEN NO METAL FOUND. SERVICED WITH 7 QT PHILLIPS 20W50. REMOVED #2 INTAKE PIPE AND INSTALLED NEW GASKET. ADJUSTED IDLE MIXTURE + IDLE SPEED I.A.W. SPECS. CHECKED EX + INTAKE SYSTEMS. CHECKED ENG MOUNT + BOLTS. I CERTIFY THIS ENG HAS BEEN GIVEN AN 100% ANNUAL INSPECTION I.A.W. CURRENT F.A.R. AND IS APPROVED FOR RETURN TO SERVICE. <i>John D. [unclear] I.A. 524552723</i>

### ENGINE LOG

YEAR	MO.	DAY	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
86	SEP	02	1986			TACH + TOTAL Time = 2538 hrs Comp # 1 $\frac{72}{80}$ #2 $\frac{73}{80}$ #3 $\frac{78}{80}$ #4 $\frac{72}{80}$ REPLACED Fuel hose from Injector Box to Div valve, Removed EX SYSTEM, REPLACED ALL EX GASKET, welded + REPAIRED #1 EX PIPE FLANGE, REPAIRED #4 Fuel Injector Line, Removed + CLEANED ALL INJECTORS. CLEANED AIR FILTER, FILTER REPLACED IN 1984, Due 500hrs on <del>500</del> per A.D. 84-26-02 CHANGED ENG OIL, Serviced with 7QT PHILLIPS 20W50 - CONT.	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

### ENGINE LOG

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
			Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
			cleaned + GAPPED SPARK PLUGS, REPLACED hose END FROM Fuel Pump TO INJECTOR BOX, CLEANED Fuel GASOLATOR + Fuel INJ. BOX SCREEN REPAIRED some BROKEN ENG BAFFLES. CLEANED ENG, TYED BACK mic WIRES IN ENG COMPARTMENT. I CERTIFY THIS ENG HAS BEEN GIVEN AN 100hr/ANNUAL INSP. I.A.W. CURRENT F.A.R.S + IS APPROVED FOR RETURN TO SERVICE. <div style="text-align: right; margin-top: 10px;"> <i>Leo Harper</i>                      I.A. 524582723                 </div>



## ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
3-	2-83	Tach:	2396.55			
		Performed an annual inspection / A/W Piper Service Manual; installed new oil filter AC OF11A and serviced several quarts of Phillips A/C 20W50 oil. Compression check 1- <sup>73</sup> / <sub>80</sub> 2- <sup>71</sup> / <sub>80</sub> 3- <sup>76</sup> / <sub>80</sub> 4- <sup>75</sup> / <sub>80</sub> . I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition. Daniel P. Morgan IA 563210189				
		Jul 10 1984 Tach: Performed compression tests 1- <sup>72</sup> / <sub>80</sub> 2- <sup>72</sup> / <sub>80</sub> ; 3- <sup>76</sup> / <sub>80</sub> , 4- <sup>75</sup> / <sub>80</sub> installed new oil filter and serviced with seven quarts of Phillips 20W50 engine oil.				
		AP 524900318				

CARRY TOTAL TIME TO TOP OF NEXT PAGE

## ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating &amp; Cert. No.</small>	
MO.	DAY		
Feb	20, 1985	Tach:	Installed new fuel injection tube on cyl. no 2. Installed new oil filter and serviced with seven quarts of Phillips 20W50 Engine oil.
			AP 524900318
7-6-85		TACH 2483.58	TT 2483.58 TSMOH 1125.28 Compression <del>1</del> 78/80 2 75/80 3 78/80 4 75/80 cleaned gapped and tested plugs
			I certify that this aircraft/engine has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy condition.
			ALEX N. WATSON A&P 1358250

BEN'S AEROPLANE WORKS  
 15969 HARVEST MILE ROAD 659-3079  
 BRIGHTON, COLORADO 80601

### ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
1	13-82	2368:21			Cleaned fuel injectors <del>and</del> fuel screens old and cleaned. Cleaned and checked spark plugs. Ground test run okay END Tom DeWitt #153273251211	
1	22-82			2369.52	Performed 100 hr inspection TAW piper PA 28P-200 check sheet, changed oil 8 qts XC 20W-50 changed filter, compression ck. #1 $1\frac{7}{8}$ #2 $2\frac{5}{8}$ #3 $3\frac{7}{8}$ #4 $4\frac{7}{8}$ , cleaned all fuel screens, cleaned & gapped spark plugs replaced points both mags replaced gear 10-349234 camag, set mag timing, cleaned engine researched all AD's (in AD section)	

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

CARRY TOTAL TIME TO TOP OF NEXT PAGE

AP467191487

### ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
MO.	DAY	
June	4 <sup>th</sup> 1982	<del>Tach</del> Tach: 2379.98 Cleanst oil cooler by-pass valve serviced with one quart of Phillips 20W50 engine oil J. B. [Signature] ATP 524900318
December	6 <sup>th</sup>	Tach: 2392.15 Replace oil filter with an A/C O/F 1117 filter serviced with seven quarts of Phillips 20W50 engine oil J. B. [Signature] ATP 524900318

## ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
May	29 <sup>th</sup>	980 Tach	2317.32		Drained Engine oil and Replaced oil filter. Serviced with eight quarts of Texaco Grade 100 engine oil. JPL 17 Feb 1980 524900318	

09-11-80. TACH + TOTAL 2320.1. COMPRESSION: #1-77/80 #2-75/80, #3-74/80, #4-73/80. DRAINED OIL. SERVICED 8 QTS PHILLIPS X-C. INSTALLED NEW OSHA FILTER. CLEANED FUEL INJECTOR NOZZLES. CLEANED FUEL INJECTOR SCREEN. CLEANED ACET FUEL SCREEN. CLEANED & GAPPED SPARK PLUGS. CK'D MAGNETO TIMING OK. WASHED ENGINE & RAN OK. C/W AD 80-19-1 (B. 17) BY INSPECTION.  
 K. Pearce  
 CARRY TOTAL TIME TO TOP OF NEXT PAGE

## ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
MO.	DAY		
		I certify that this aircraft engine has been inspected in accordance with a/an <u>ANNUAL</u> inspection and was determined to be in an airworthy condition. 09-11-80 2320 2320.1 Date Total Time Tach Time K. Pearce K. PEARCE, A&P, 2230949 IA	
	5/7/81	613.4 Hobbs Time	Drained oil & changed filter. Replenished with 8 qts Phillips X/C. Complied with AD 80-19-1 no movement between shroud and end plates. Washed engine + RAN OK. K. Pearce A&P 524-669784

## ENGINE LOG

YEAR	RECORDING		TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
	MO.	DAY				
16	March	79	Tach Time 2283.87		drained oil & Replaced oil filter, Serviced with 8gts 40wt Det AeroShell, Replaced Alternator belt with new part	<u>Reid H. My</u> P157398921
16	August	79	Tach Time 2297.25		Completed 100hr inspection this date, Compression test Results #1-13% #2-8% #3-15% #4-10% Drained oil and Replaced filter, Re-serviced with 8gts 50wt Det AeroShell, Replaced air filter with new part, Replaced push rod seals & valve cover gasket on cyl. #2 and 3 also pushrod housing on cyl. #2. Replaced RH defroster duct, Repaired Cracks in lower cowl at exhaust opening with fiber glass & Replaced Rivets in both nose gear doors.	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

## ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
	MO.	DAY
		Replaced oil dipstick with new part, Replaced Alternator mount bracket and Alternator condenser with new parts, installed 2 helio. coils for front Prop spinner bulkhead bolts, Replaced whale mutton heat muff Assy. with new part. Checked engine for Security and attachment of fittings and components AD listing in Rear of airframe book.
I CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH TIME <u>2297.25</u> TOTAL TIME <u>2297.25</u>		
ENGINE SMOH <u>1060.25</u> PROPELLER SMOH <u>1060.25</u>		
DATE <u>16 August 79</u>		
NAME <u>Reid H. My</u>		
CERT. NO. <u>P157398921</u>		
AERO RAMPART CORP. 1245 AVIATION WAY PETERSON FIELD. BOLO. SPGS. CO 80916		

## ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
7-7-78		TACH: 2049			SMOH 741 oil and filter changed (AEROSHELL 50w) Compression #1 $\frac{72}{80}$ #2 $\frac{90}{80}$ #3 $\frac{94}{80}$ #4 $\frac{79}{80}$ I certify this eng has been insp in accordance with an <u>ANNUAL</u> insp and was determined to be in airworthy condition Danny L. Lassett IA2213585	
8-21-78		TACH. HM. 356.5			Removed prop - ressealed by UNIVAIR, Aurora Colo) Reinstalled prop. Danny L. Lassett IA2213585	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

## ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating &amp; Cert. No.</small>
MO.	DAY	
		Aug 30, 1978 tach 2113.4 Changed oil and filter washed engine. Added 9 qt Aero shell 50. Coflaw and Grouse A4P 579263469 TACH 2147.9
		SEPT. 14, 1978 REMOVED STARTER & REPAIRED SHEARED MODULITE KEY IN ARMATURE. TIGHTENED & RESHAFTED ALTERNATOR. REMOVED WORN SHORTING SECTION FROM #2 BOTTOM IGNITION LEAD. CHANGED OIL & FILTER. AEROSHELL 50 WT. MUEFFLIN A4P 2073484

### ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
1	20		H.M.	70.2	TACH:	
					Oil CHANGED (AERO Shell 30w) Compression	
		#1- <sup>64</sup> / <sub>80</sub>	#2- <sup>95</sup> / <sub>80</sub>	#3- <sup>74</sup> / <sub>80</sub>	#4- <sup>79</sup> / <sub>80</sub>	I CERTIFY THIS eng WAS
					been insp in accordance with a 100hr insp and	
					was determined to be in AIRWORTHY CONDITION	
					Doug R. Hunt AP2213585	
3	1		TACH:	1902.9		
					OIL + FILTER CHANGED (AERO SHELL 40w) (CFO 100 OIL FILTER).	
					STARTER REPLACED WITH NEW ONE, RUN-UP ROW OK.	
					Mark E. Johnson AP# 143488724	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

### ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.				
MO.	DAY					
4	15		H.M.	209.9	TACH:	1973.4
					changed oil + filter, replaced #2 + #3 push	
					rod seals + Rucker Box gaskets, Compression	
					#1- <sup>70</sup> / <sub>80</sub> #2- <sup>74</sup> / <sub>80</sub> #3- <sup>72</sup> / <sub>80</sub> #4- <sup>70</sup> / <sub>80</sub> . (AERO SHELL 50w.)	
					I certify this eng. has been insp in	
					accordance with a 100hr insp and was determined	
					to be in airworthy condition Doug R. Hunt	
6	3		TACH	2007.5	Changed oil	AP2213585
					+ Filter added 89 <sup>+</sup> 180 Shell 100 + Preformed!	
					50hr INSPECTION FOUND TO BE IN AIR	
					WORTHY CONDITION Clarence Spencer	
					AP 52763469	

## ENGINE LOG

YEAR

MO. DAY

## DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS

Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.

12-3-77

HR. METER: 15.3

Replaced alternator *Daryl R. Lassett* AP2213585

12-21-77

HR. METER: 28.5

CHANGE OIL & FILTER (AERO SHELL 50W)

I CERTIFY THIS ENG. HAS BEEN INSP IN ACCORDANCE WITH A 50HR AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

*Daryl R. Lassett* AP2213585

12-27-77

Replaced eng. starter with serial #620

*Daryl R. Lassett* AP2213585







### ENGINE LOG

YEAR	RECORDING TACH. READING		TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
	MO.	DAY				
6/2/75					COMPLIED WITH PIPER SERVICE LETTER # 747. OKAY FOR RETURN TO SERVICE. TT: 1592.0 TSMOH: 284.0 E. Keiper AP 1872350	
9/15/75					CHANGED AND SERVICED OIL SYSTEM. NEG FINDINGS IN FILTER. CLEANED AIR FILTER, CHECK ALL HEATER HOSES, ENG. LINES. SERVICED ENG WITH 8qts 50W OIL AND NEW FILTER LEAK CHECKED. SKM AP E Keiper 1872350	
					TT: 1639.0 TSMOH: 331.0	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

### ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
	MO.	DAY
1/31/76		CHANGE AND SERVICE OIL SYSTEM. NEG FINDINGS IN FILTER, CLEANED AIR CLEANER FILTER - CHECKED ALL HOSE AND HEATER LINES. - CLEANED ENG - CHECKED ALT. BELT TENSION - SERVICE OIL SYS. WITH 8 QTS 40 AD TREATED LEAK CHECKED OK. TT: 1670.0 E Keiper AP 1872350 TSMOH: 362.0
5/25/76		- PERFORMED 100HR. INSPECTION PER PIPER INSPECTION FORM CLEANED ALL FUEL SCREENS, ALL OIL SCREENS NEG FINDINGS. SERVICED OIL SYS WASHED ENGINE - PERFORMED ENGINE RUN-UP - ALL NORMAL. ALL AD'S COMPLIED WITH I CERTIFY THAT THIS <del>THE</del> ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100HR. INSPECTION AND WAS FOUND TO BE AIRWORTHY. TT - 1710 hrs TSMOH - 402 hrs Edward C. Keiper AP 1872350

### ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
5	29	1587.00	-			
<p>PERFORMED 100HR INSPECTION PER APER                      INSPECTION INSTRUCTIONS - CLEANED SUCTION SCREEN -                      CHANGED OIL FILTER - SERVICED WITH 8 qts. 40W OIL.                      NEG FINDING ON BOTH FILTER AND SCREENS. CLEANED ALL                      FUEL FILTERS AND FUEL NOZZLES. COMPLIED WITH AD 74-26-9                      AND AD 75-9-15. WASHED ENGINE - LEADED CHECKED ALL                      FUEL AND OIL LINES. PERFORMED ENGINE RUN-UP.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED                      IN ACCORDANCE WITH AN 100HR. INSPECTION AND WAS                      DETERMINED TO BE IN AIRWORTHY CONDITION.</p>						
TT 1587.0		TACH-279.0		Edward Reiser AP 187235D		

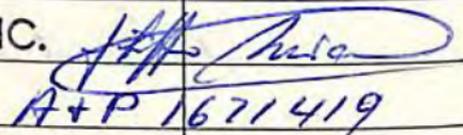
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### ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating &amp; Cert. No.</small>
MO.	DAY	
		<p>I certify that this <u>ENGINE</u> has been inspected in accordance with <u>APER</u> inspection and was determined to be in air-worthy condition.</p> <p style="text-align: right;">SMOH 279.HR                      Total Time <u>1587.</u> Mech. <u>G. M. Sauer</u>                      Date <u>5-27-75</u> Cert. No. <u>181580725</u></p> <p style="text-align: center;">All AD's Complied with</p>



### ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
I CERTIFY THAT THIS <u>Eng.</u> WAS INSPECTED IN ACCORDANCE WITH A <u>100 HRS</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS ON FILE UNDER WORK ORDER NO. <u>770</u> DATE <u>5-21-74</u>						
TOTAL TIME		<u>1365</u>	TACH TIME	<u>1365</u>	TIME S.M.O.	<u>57.</u>
AIRCRAFT TECHNICAL SERVICES, INC. Zahns Airport, N.Y.						
						

CARRY TOTAL TIME TO TOP OF NEXT PAGE

### ENGINE LOG

YEAR <u>74</u>		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating &amp; Cert. No.</small>				
MO.	DAY					
<u>8</u>	<u>27</u>	OIL CHANGED - FILTER CHANGED - NEG FINDING SERVICED WITH 8 QUART AERO SHELL 50 LEAKED CHECKED FILTER. TACH TIME: <u>1409.72</u> <div style="text-align: right;"><u>Edward Keiper A&amp;P 1872350</u></div>				
<u>10</u>	<u>20</u>	OIL & FILTER CHANGED - NEG FINDINGS SERVICED WITH 8 QUARTS GULF 20/40 - LEAKED CHECKED CLEANED INJECTORS AND PLUGS TACH TIME = <u>1450.00</u> TSMOH = <u>141.7</u> <div style="text-align: right;"><u>Edward Keiper 1872350</u></div>				



**ENGINE LOG**

8/3/72

W/O 73147

Lyc. IO 360 C1C

S/N 6774-51A

Engine Major overhauled in accordance with Lycoming overhaul manuel 60294, all steel parts magnafluxed. (73-23-1) Installed standard cylinders, Fuel system overhauled by Martins' fuel metering service. Starter, alternater magnetos overhauled, all parts standard. Installed factory re-ground 76097 camshaft, new LW 10207 pistons main bearings, rod bearings, 78290 lifters, rings, all gaskets and seals. (71-11-2)

Total time; 1308.3  
Time SMOH; 0:00

**MID-STATES AIRCRAFT ENGINES**

Hanger 14, Tulsa International Airport  
PHONE (918) 835-9553  
TULSA, OKLAHOMA 74115

*Louis W. Stalling*

1192280

**ENGINE LOG**

YEAR	MO.	DAY
	8	3-73

DESCRIPTION OF INSPECTIONS, REPAIRS AND A  
Certificated mechanics or repair facilities must end inspections and repairs with name, rating & Cert

8-3-73

IO 360 C1C S/N L 6774-51A

Engine removed for complete overhaul Re-installed in 3072R using new lord mounts. Use straight mineral oil for first 50 hours.

Hour meter; 1237.0

*William D. Lutton*  
ATP 1876832

**MID-STATES AIRCRAFT ENGINES**

Hanger 14, Tulsa International Airport  
PHONE (918) 835-9553  
TULSA, OKLAHOMA 74115

2627.0 hrs

22 Sept 73 - Replaced Over Voltage Regulator & Cleaned Bottom Spark Plugs -  
*Theodore Szegomk ATP 1296612A TACH 1352.*

A.D. Notes Complied with at Engine Overhaul 8-3-73 66-20-4 Gasket #76691 71-5-2 Installed @ Overhaul - LW-10647 Dowels 71-11-2 78290 Installed @ Overhaul 73-23-01 Pins Magnafluxed @ Overhaul

*Louis W. Stalling*  
1192280





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St. Louis  
1963

### ENGINE DATA

(THIS PAGE MUST BE FILLED OUT COMPLETELY) *N3072R*

MANUFACTURER *Lycoming* MODEL *T0-360-C1C* SERIAL NO. *L-6774-51A*

DISPLACEMENT \_\_\_\_\_ OIL PRESSURE \_\_\_\_\_ OIL TEMP. MAX. \_\_\_\_\_

WEIGHT \_\_\_\_\_ RATED H. P. *200* AT \_\_\_\_\_ R.P.M. \_\_\_\_\_

OIL GRADE: SUMMER \_\_\_\_\_ WINTER \_\_\_\_\_ OIL CAPACITY \_\_\_\_\_

FUEL MINIMUM OCTANE \_\_\_\_\_ FIRING ORDER \_\_\_\_\_

MAGNETO TIMING \_\_\_\_\_ MAGNETO POINT SETTING \_\_\_\_\_

SPARK PLUG GAP \_\_\_\_\_