

The subject aircraft was involved in an incident /
accident on 4/11/2026 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 9342942535US.

Signed: *Underwriters Salvage Company*

Date: *5/7/2026*

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

AIRCRAFT MAINTENANCE RECORDS

N 4811Y

From March 2019

ENGINE LOG BOOK



AIRCRAFT MAINTENANCE RECORD

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →	6185.00	<p>Changed engine oil and filter; serviced with 9 qts Phillips XE 20W-50; due next 50 hrs</p> <ul style="list-style-type: none"> - resealed drain back rubber tubes; cleaned engine - installed new air filter element - serviced primer line, rt side, due to carbon deposits - checked magneto for 25° deg blade timing and synchronization; checked mag points - checked cylinder compressions: <ul style="list-style-type: none"> 1) 78/80 2) 79/80 3) 70/80 4) 70/80 5) 72/80 6) 78/80 - borescoped cylinders, no discrepancies noted - cleaned, checked plug gaps and rotated - checked eng filters, no anomalies noted - inspected engine, control security, and accessories - no new AP's noted for either engine or prop - prop checked for defects, none noted <p style="text-align: center; color: blue; font-weight: bold;">I certify this <u>engine</u> has been inspected IAW F.A.R. 43 App D scope/detail for <u>annual</u> inspection and found to be in airworthy condition.</p> <p style="text-align: center;">Lawrence Ruggiero ATP 3719629 IA 22 Mar 2026 Tach 6185.00 hrs</p>
2026		

	SUB-TOTAL THIS PAGE
	TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →	6071.06	
8/08/23	6101.41	Changed engine oil & filter; replaced with 9 qts Phillips XC 20W/50 and filter Tempest AA 48110-2; filter inspection; OK L. B. Pugio ATP 3719629
11/16/23	6113.00	Inspected engine and firewall forward; changed air filter element (Bracksett); replaced worn Lord mount units * check torque @ 50 hrs or next annual (450-500 in-lbs) *; checked/cleaned/rotated spark plugs; cleaned fuel strainer element; IRAN'd alternator and replaced drive belt (Gates equivalent 13A0865); tightened cylinder oil drain back tubes Checked cylinder compression X/80 psi #1-74 #2-73 #3-74 #4-78 #5-70 #6-76 Checked magneto timing to 25° BTDC, adjusted right mag Cleaned oil cooler of external debris Remounted prop/br, torqued to 70 ft-lbs
		I certify this engine has been inspected IAW F.A.R. 43 App D scope/detail for annual inspection and found to be in airworthy condition. Lawrence Ruggiero ATP 3719629 IA 11/16/23 6113.00 hrs fact

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AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →	6119.70	
17 Apr 2024		Changed oil & filter with Phillips 20W-50 9 qts Tempest AA 48110-2 filter, opened filter, no adverse debris noted. L. B. Pugio ATP 3719629 IA
2025 12 Apr	6155.81	- Changed engine oil, serviced 9 qts, replaced filter, checked finer screen, no debris noted - Cleaned and rotated spark plugs - Replaced all oil drain back tubes and hoses - Checked cylinder compressions X/80 psi: #1 72 #2 78 #3 78 #4 74 #5 72 #6 74 - Replaced all exhaust flange gaskets, resealed & torqued muffler and shroud - Replaced spinner backplate, reinstalled prop, torqued to 70 ft/lbs - Checked and sync'd magneto timing to 25° btdc - replaced air filter element - AD 2024-21-02 N/A by cylinder assy date
		I certify this engine has been inspected IAW F.A.R. 43 App D scope/detail for annual inspection and found to be in airworthy condition. Lawrence G. Ruggiero ATP 3719629 IA 12 April 2025 6155.81

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AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →	tach time	- cleaned + rotated plugs, gaps okay
3/28/2022	6029.92	- reset mag timing to 25 deg BTDC; checked points on right mag, no defect noted, internal timing chk'd good
TSMOH	1808 hrs	- changed intake air filter - cleaned fuel filter of debris - tested cylinder compressions as follows: ___/80psi #1 76psi #4 74psi #2 72psi #5 76psi #3 78psi #6 72psi - boroscoped cylinder valves, no defects noted - no new or recurring AD's due
<p>I certify this <u>engine</u> has been inspected IAW F.A.R. 43 App D scope/detail for <u>annual</u> inspection and found to be in airworthy condition.</p> <p><i>L. Mujic</i> ATP 3719629 IA 3/28/2022</p>		
4/02/2022	6043.10	Replaced broken condenser/capacitor (housing mount broke) with Kelly Aerospace 10-51676 capacitor. Checked E-gap & points gap, found to be within tolerance IAW manufacturer specs. Reinstalled mag and re-timed/sync'd both mags. Ops ran engine, chk'd good.
<p><i>L. Mujic</i> ATP 3719629 IA</p>		

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TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →	Tach	
8/3/2022	6060.2	oil & filter change, 9 qts Phillips 20/50 filter examined, no debris noted <i>L. Mujic</i> ATP 3719629 IA
1 April 2023	6071.06	Inspected engine and firewall forward; washed and cleaned oil leaks
TSMOH	1849 hrs	- cleaned and rotated spark plugs, chk'd gaps good - tightened loose oil drain back tube clamps - checked mag timing, set at 25° BTDC - checked fuel filter screen for debris, none noted - test cylinder compressions ___/80psi #1 76psi #4 78psi #2 78 #5 78 #3 76 #6 76 - no new or recurring AD's - chk'd prop bolt torques, re-safety wired
<p>I certify this <u>engine</u> has been inspected IAW F.A.R. 43 App D scope/detail for <u>annual</u> inspection and found to be in airworthy condition.</p> <p><i>L. Mujic</i> ATP 3719629 IA T.T. 6071.06 1 April 2023</p>		

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AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →	tach time	
4/24/2020	5944.4	- checked cylinder compressions: cyl# 1 2 3 4 5 6 x/80 72 76 72 70 76 68 psi
TSMOH	1722 hrs	- borescoped cylinders, no faults noted * annual inspection I certify this engine has been inspected IAW F.A.R. 43 App D scope/ detail and found to be in airworthy condition. L. b. Murr AWP 3719629 IA 4/24/2020
7/13/20	5962.00	replaced right mag capacitor, adjusted point gap, timed mag to engine L. b. Murr AWP 3719629 IA 7/13/2020

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AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →	tach time	
3/27/2021	5991.0	I certify this engine has been inspected IAW F.A.R. 43 App D scope/detail for annual inspection and found to be in airworthy condition. L. b. Murr AWP 3719629 IA
TSMOH	1769 hrs	- cleaned/rotated plugs, gaps OK - changed oil, 10qts Phillips 20w/50 - replaced filter, cut/inspected element, nothing noted - checked cylinder compressions as follows: #1-72 psi #4 70 #2 74 #5 74 #3 76 #6 68 - checked mag timing, sync'd to 25° btdc - checked fuel filter for debris - replaced worn SCAT tube - replaced worn carb air box grommets
8/11/21	6021.80	- Changed oil + filter; Phil 66 20W50 9qts Champion Filter; CH48110-1 - rotate tires on wheels, replaced inner tubes 8.50X6 - filter opened + examined, nothing noted L. b. Murr AWP 3719629 IA 8/13/2021

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AIRCRAFT MAINTENANCE RECORDS

Owner _____

Aircraft Registration **N** _____

Manufacturer Lycoming

Model O-540-B2B5

Serial No. L-7135-40

Position _____

AIRCRAFT MAINTENANCE RECORD Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		
5/18/2019	tach 5911 hrs	- Replaced 12 spark plugs w/ Tempest UREM70E, gapped IAW Lycoming engine manual - Replaced top & bottom ignition harnesses w/ Champion M2121 - Bench checked left mag; replaced impulse coupler hardware - timed both mags to 25° BTDC IAW Champion & Lycoming service manuals L. A. Ruggiero (Lawrence G. Ruggiero) ATP 3719629
9/6/2019	tach 5935.4 hrs	Installed new McCauley prop FA8452 s/n AKJ 46002 IAW PA25 service manual L. A. Ruggiero (Lawrence G. Ruggiero) ATP 3719629
7/24/2020	tach 5944.4 hrs	- cleaned, gapped, rotated all spark plugs - replaced left mag w/ overhauled 10-514365-47 520, see 8130 for detail - checked rt mag points & timed both mags @ 25° BTDC - replaced all oil return tube hoses - replaced all intake manifold hoses and gaskets - replaced all valve cover gaskets - replaced Brackett air filter element - repaired & painted cowling nose bowl - changed oil & filter, checked for particles - cleaned fuel filter screen - removed corrosion on engine mount near exhaust - replaced alternator drive belt (cont.) →
		SUB-TOTAL THIS PAGE
		TOTAL - CARRY FORWARD TO NEXT PAGE

4811Y 7-9-04

ENGINE LOG
EL-13P

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-22-17	TRU: 5777.2 T.T. 3887.2 TSMON: 1555.2	INSP ENGINE IAW AN ANNUAL INSP. CHANGED OIL AND FILTER SERVICE W/ 11 QTS AS 100W, CLEAN, INSP AND REGAR SPARK PLUGS LEAK CK AND RUN UP OK.

COMPRESSION					
1	2	3	4	5	6
71.80	71.80	72.80	72.80	76.80	69.80

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:
3887.2 Date 2-22-17
Signed [Signature] 3595343-2A

G-6-17 5818.00 Patch oil & Filter chg'd IAW Lycoming service manual
Serviced w/ 10 qts Phillips 20W-50; ops ck, no leaks
noticed Lawrence Buggien AWP 3719629

PROPELLER/ROTOR RECORD

TYPE _____ SERIAL NO. HUB _____ DATE OF MFG. _____
MODEL _____ BLADES _____

DATE	INSTALLED		LOCATION	TOTAL TIME	REMOVED		AGENCY AND CERTIFICATE NO.
	AIRCRAFT TYPE	SERIAL NO.			DATE	TOTAL TIME	
3-5-18							
TRU: 5859.3 T.T. 3969.3 TSMON: 1637.3							

COMPRESSION					
1	2	3	4	5	6
73.80	78.80	74.80	76.80	72.80	69.80

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:
3969.3 Date 3-5-18
Signed [Signature] 3595343-2A

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.																														
2-10-16	TACW: 5712.9 T.T: 3822.9 TSMON: 1490.9	INSY ENGINE IAW AN ANNUAL INSB RPA PROB TO REPOSITION, CORRECTLY AND RESAFETY. REPAIR OIL COOLER BRACKET BY WELDING. CLEAN, INSP AND REGAT 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>18</td> <td>80</td> <td>16</td> <td>80</td> <td>18</td> <td>80</td> </tr> <tr> <td>18</td> <td>80</td> <td>18</td> <td>80</td> <td>17</td> <td>80</td> </tr> <tr> <td>18</td> <td>80</td> <td>18</td> <td>80</td> <td>18</td> <td>80</td> </tr> </tbody> </table>			COMPRESSION						1	2	3	4	5	6	18	80	16	80	18	80	18	80	18	80	17	80	18	80	18	80	18	80
COMPRESSION																																
1	2	3	4	5	6																											
18	80	16	80	18	80																											
18	80	18	80	17	80																											
18	80	18	80	18	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>3822.9</u> Date <u>2-10-16</u> Signed <u>JL</u> <u>35533432A</u></p>																																

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
FAA - PMA This tag certifies that Sky-Tec Model No. <u>149-NL</u> Serial No. <u>FN-0615149</u> was manufactured new on <u>13 Feb 2015</u> by Sky-Tec under the authority of FAA-PMA No. PQ0852SW Supplement No. <u>7</u> in accordance with Sky-Tec's FAA-Approved Quality System (14CFR Part 21, Subpart K). This article has been determined to be airworthy. For installation eligibility see www.skytecair.com/eligibility.htm Installed on <u>N48119</u> (Aircraft) by <u>JL</u> (Mechanic) <u>5-27-16</u> <u>TACW 5742.4</u> <u>35533432A</u>		
Form CC1108-1		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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3-1-15	TACH: 5656.2 T.T: 3766.2 TSMOH: 1434.2	INSP. ENGINE IAW AN ANNUAL INSP. (CHANGED) OIL AND FILTER. SERVICE W/ 11 QTS ASIOW. CLEAN, INSP AND REGAP SPARK PLUGS LEAK CK AND RUN UP OK
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COMPRESSION					
1	2	3	4	5	6
79	80	79	80	78	80

I Certify That This ENGINE Has Been
 Inspected In Accordance With An ~~AN~~ ANNUAL
 Inspection And Was Determined To Be In
 Airworthy Condition. Time In Service:
3766.2 Date 3-1-15
 Signed [Signature] 3595547A

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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3-6-29-15	TACH 5683.62 T.T. 3793.6 TSMOH 1461.6	CHANGED OIL & FILTER SERVICED TO 9 QTS PHILIPS XC 20W50 P. F. 1648265 ATP
10-21-15	TACH 5710.9 T.T. 3820.9 TSMOH 1488.9	CHANGED OIL & FILTER SERVICED TO 9 QTS PHILIPS XC 20W50 P. F. 1648265 ATP

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-21-14	5606.2	ALTERNATOR
5-21-14	5606.2	DRAINED OIL & SERVICED WITH PHILIPS 20W50 X/C REPLACED FILTER WITH CH 48110-1 <i>Jordan James 1642265 ATP</i>
8-3-14	5634.42	DRAINED OIL & SERVICE WITH PHILIPS 20W50 X/C REPLACED OIL FILTER WITH CH 48110-1 <i>Jordan James 1642265 ATP</i>

82

Carolina Flight Services LLC
864-641-3907
Date Aug. 26, 2014 - N4811Y S/N 25-4592
O-540-B2B5 S/N L-7135-40 ETT 3751.7 TSMOH 1419.7 ACTT 5641.7

ENGINE LOG ENTRY

- Removed and Replaced Engine Starter with overhauled unit, Part # MZ-4222, S/N ON H-0060714
- Ran Engine, ops Checks OK, all work performed in compliance with the manufacturers Maint. Manual
- Aircraft is returned to service at this time

Robert J. Pierce
Robert J. Pierce A&P 2657776

AIRFRAME LOG

PIPER PA25-235
Date: 5/21/14

N Number: N4811Y
Tach: 5606.2

Serial Number: 25-4592
ACTT: 5606.2

1. Removed alternator p# 2642997 s# na replaced with p# 2642997 s# F103103.
Ops checks good aircraft is returned to service.

Chad T. Austin
A&P 3249193 IA

Chad Austin

for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306

RECORD

CE PERFORMED
ATE NO.

DATE

ENGINE LOG

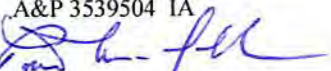
PIPER PA25-235
Date: 11/03/2011

N Number: N4811Y
Hobbs: 5425.88

Serial Number: 25-4592
ACTT: 5425.88

1. Drained oil and serviced engine with 10 Qts. Phillips 20/50 XC. Washed engine and performed leak check, none detected at this time. Aircraft is returned to service. Oil and filter due @ 5450.88.

Patrick M. Cobb for: City of Spartanburg
 A&P 3539504 IA Spartanburg Downtown Memorial Airport
 500 Ammons Road
 Spartanburg, SC 29306



ENGINE LOG

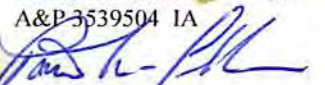
PIPER PA25-235
Date: 7/29/11

N Number: N4811Y
Hobbs: 5401.8

Serial Number: 25-4592
ACTT: 5401.8

1. Drained oil and serviced engine with 10 Qts. Phillips 20/50 XC. Changed filter and cut to inspect for contamination, none found. Washed engine and performed leak check, none detected at this time. Aircraft is returned to service. Oil and filter due @ 5451.8.

Patrick M. Cobb for: City of Spartanburg
 A&P 3539504 IA Spartanburg Downtown Memorial Airport
 500 Ammons Road
 Spartanburg, SC 29306



INSPECTION & MAINTENANCE RECORD

ENGINE LOG

Piper PA25-235
Lycoming
McCauley
Date: 2/10/12

"N" Number: 4811Y
O-540-B2B5
AFA8458
TACH: 5429.32 TTAF: 6282.48

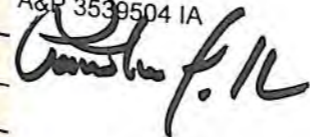
Serial Number: 25-4592
Serial Number: L-7135-40
Serial Number: P3643
PTT: Unknown

This aircraft has been inspected IAW an Annual Inspection and determined to be in airworthy condition. The following discrepancies were corrected IAW the manufacturers maintenance manual.

1. Perform annual inspection.
2. Compressions: All 60/80 or greater.
3. Cleaned and gapped sparkplugs.
4. C/W oil and filter change, installed CH48110-1 and 10 quarts Phillips 20W50 XC. Cut and inspected filter, no contamination noted.
5. Degreased engine.
6. Installed new induction air filter, BA-3.
7. Dressed and painted propeller as required.
8. ADs researched thru revision 2012-02.

Patrick M. Cobb
A&P 3539504 IA

for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560



DATE

ENGINE LOG

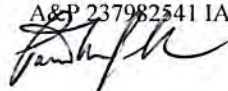
PIPER PA25-235
Date: 8/30/2010

N Number: N4811Y
Hobbs: 5332.9

Serial Number: 25-4592
ACTT: 5332.9

1. Drained oil and serviced engine with 10 Qts. Phillips 20/50 XC. installed new CH48110-1 filter. Washed engine and performed leak check, none detected at this time. Aircraft is returned to service.

Patrick M. Cobb
A&P 237982541 IA



for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306

ENGINE LOG

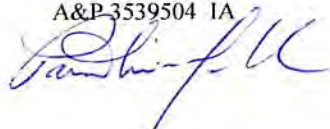
PIPER PA25-235
Date: 5/19/2011

N Number: N4811Y
Hobbs: 5376.27

Serial Number: 25-4592
ACTT: 5376.27

1. Drained oil and serviced engine with 10 Qts. Phillips 20/50 XC. Washed engine and performed leak check, none detected at this time. Aircraft is returned to service. Oil and filter due @ 5401.27.

Patrick M, Cobb
A&P 3539504 IA



for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL

INSPECTION OR MAINTENANCE REQUIRED

ENGINE LOG

Piper PA25-235

Lycoming

McCaughey

Date: March 23, 2011

PTT: Unknown

"N" Number: 4811Y

O-540-B2B5

AFA8458

TACH: 5353.88 TTAf: 6282.48

Serial Number: 25-4592

Serial Number: L-7135-40

Serial Number: P3643

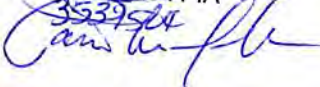
TSO Top: 437.28 TSO Bottom: 128.93

This aircraft has been inspected IAW an Annual Inspection and determined to be in airworthy condition. The following discrepancies were corrected IAW the manufacturers maintenance manual.

1. Perform annual inspection.
2. Compressions: All 60/80 or greater.
3. Cleaned and gapped sparkplugs.
4. CW oil and filter change, installed CH48110-1 and 10 quarts Phillips 20W50 XC. Cut and inspected filter, no contamination noted.
5. Degreased engine.
6. Dressed and painted propeller as required.
7. ADs researched thru revision 2011-03.

Patrick M. Cobb

A&P ~~237982541~~ IA



for: City of Spartanburg
Spartanburg Downtown Memorial Airport
500 Ammons Road
Spartanburg, SC 29306
864 574 8560

INSPECTION & MAINTENANCE RECORD

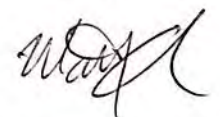
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Tach 5160.35 7-22-09
		Drained oil and filled with 11 qts Phillips 20W50 Chris Wood A&P 2725501
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y 9-8-08 Tach 5220.28
		1. Drained crankcase of oil, filled with 12 qts of Philips 20W50 oil. 2. Removed old oil filter, installed new oil filter PN AA48110 Christopher W Wood A&P 2725501

INSPECTION & MAINTENANCE RECORD
Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813
N4811Y 08-14-09 Tach 5224.95 TTE: 4638.14 TSMOH lower:0
TSMOH cylinders: 308.35 TSMOH:2306.14

1. Inspected engine IAW an 100hr checklist.
2. Engine disassembled due to idler gear shaft coming loose.
3. Overhauled the lower engine at this time. Crank shaft, overhauled by D&S Cam Corp. Crankcase overhauled by Divco. All rods, rocker arms, gears, camshaft overhauled by Rick Romans. Lifter bodies overhauled by ECI. Assembled engine with new bearings (M10, mains and rods) Used new rod bolts and nuts. Installed new crank gear, bolt and lock plate. Installed the same cylinders on engine, total time on cylinders is 308.35 since new.
4. Engine assembled and torqued IAW the Lycoming Direct Drive Overhaul Manual.
5. Installed new points and one capacitor in the magnetos.
6. Filled with 20W-50 and used a CH48110.
7. Spark plugs cleaned and gapped.

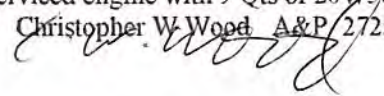
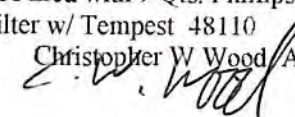
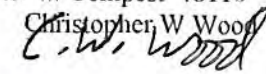
I certify that this engine has been inspected IAW an annual inspection and has been determined to be airworthy this date.

Matt Kuhns A&P3163864IA

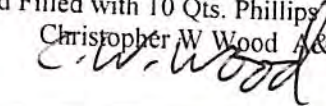
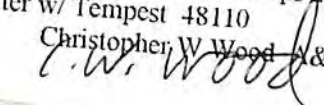
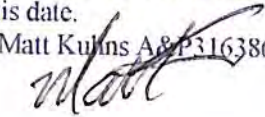


10-12-09 Tach 5274.53
Drained crankcase of oil, filled with
12 qts of Phillips 20W50 oil. Removed
oil filter & checked for contaminants.
check OK C.W. Wood A&P 2725501

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4916.60 Date 6-12-2007 1. Replaced all 6 cylinders with new "Cylinder Comp Assy" PN AEL65102. Installed new cylinder base gasket and pushrod tube gaskets. Torqued cylinder base nuts in accordance with Lycoming direct drive overhaul manual. Followed manufactures break-in instructions. 2. Serviced engine with 9 Qts of 20W50 Phillips oil <i>Christopher W Wood A&P 2725501</i> 
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4961.01 7-9-2007 1. Drained Oil and Filled with 9 Qts. Phillips 20-50. 2. Replaced Oil Filter w/ Tempest 48110 <i>Christopher W Wood A&P 2725501</i> 
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 5000.36 7-30-2007 1. Drained Oil and Filled with 10 Qts. Phillips 20-50. 2. Replaced Oil Filter w/ Tempest 48110 <i>Christopher W Wood A&P 2725501</i> 

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 5040.63 8-20-2007 1. Drained Oil and Filled with 10 Qts. Phillips 20-50. <i>Christopher W Wood A&P 2725501</i> 
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 5084.90 9-24-2007 1. Drained Oil and Filled with 11 Qts. Phillips 20-50. 2. Replaced Oil Filter w/ Tempest 48110 <i>Christopher W Wood A&P 2725501</i> 
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y 4-10-08 Tach 5098.3 TTAF 6026.4 1. Inspected engine IAW an 100hr checklist. 2. Drained crankcase of oil and took sample for analysis, filled with 12 qts of Philips 20W50 oil. 3. Removed old oil filter, installed new oil filter PN AA48110 I certify that this engine has been inspected IAW an annual inspection and has been determined to be airworthy this date. <i>Matt Kulins A&P 3163864IA</i> 

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
	4-5-06	Inspected the engine and inspected the air filter. Found an ANMMK inspection report with 1782.03 and was determined to be original. The date is 5/9/06. <i>Matthew</i>
	5-9-06	Tach 4722.0 Increased oil pressure 3 washers. Tested & Verified proper oil pressure range. <i>Benjamin D. Kooi</i> A&P 367924879

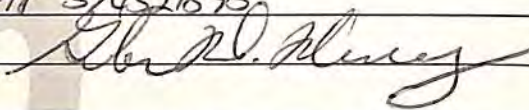
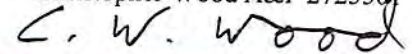
Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813
 N4811Y Tach 4723.36 5-18-2006
 1. Replaced RH mag distributor block with ES10-357426, and gear kit pn. ES10-357586.
 2. Set e gap and timed to engine. *Benjamin D. Kooi*
 A&P 367924879

Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813
 N4811Y 6-7-2006 Tach 4744.9
 1. Replaced points and LH mags with new pn. 10-357174. Replaced LH mag, Set E gap and timed to engine, run-up and mag check ok.
Christopher W. Wood A&P 2725501


INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4752.6 6-12-2006 1. Drained oil, serviced engine with 10qts AS100W oil. <i>Benjamin D. Kooi</i> A&P367924879
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4773.21 6-29-2006 1. Installed new starter P/N MZ 4222R 2. Installed three new spinner back plate brackets. 3. Torqued prop bolts to 60 Ft Lbs and safetied. <i>Christopher W. Wood</i> A&P 2725501
	7-5-06	4778.21 Replaced all 6 intake gaskets ops check ok. <i>Matthew</i> A&P 2720640424
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4801.4 7-24-2006 1. Drained oil from crankcase and serviced with 12 Qt. of Phillips 20W50. 2. Changed oil filter, installed new AA48110 oil filter cut and inspected old oil filter. 3. Run-up and leak check ok. <i>Benjamin D. Kooi</i> A&P 367924879

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-30-05	TACH 4626.33	INSTALLED SERVICEABLE REPAIRS STARTER ON MZ4222R SERIAL # B091020. STARTER WAS REPAIRED BY THE FACT. SERVICE, LANSING, MI (WONC DANA 12821) TESTED STARTER, TESTED OK CONDON HIGHWAY AHP 374521895 
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4656.87 Date 9-20-2005 Changed oil and filter. Serviced with Phillips 66 X/C 20W50 oil and ES48110 filter. Cut open filter found no abnormality. Christopher Wood A&P 2725501 

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y 4-5-2005 Tach 4700.84 SMOH 1782.03 TT Engine 4114.03
		<ol style="list-style-type: none"> 1. Inspected engine IAW a 100hour inspection checklist. 2. Replaced #6 cylinder with honed serviceable cylinder. Installed new rings pn.252577CC, 252578CC. 3. Drained oil, changed filter with new AA48110, cut and inspected old filter. Serviced engine with 11 qt 20w50 Phillips oil. 4. Fixed Tach drive oil leak by replacing oil seal with new and Tach drive shaft with serviceable part. 5. Replaced points and compassitor in both mags with new pn. 10-357174, 10-51676. Replaced LH mag block and gear with pn. 10-357426, 10-357586. Set E gap and timed to engine, run-up and mag check ok. 6. CW AD 2004-05-24C by replacing bolt with STD-2247 IAW SB 554 7. CW AD 96-09-10C by installing oil pump impeller kit 05K19423-S and housing CAM78531. 8. CW SI 1341 oil pump shaft lubrication. 9. CW AD 2005-12-06 impulse coupling inspection left mag. CW SB 639 next due @ 5200.87
		I certify that this engine has been inspected IAW a 100 hour inspection and has been determined to be airworthy this date.  Benjamin D. Koot A&P 367924879

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-1-05	Tach 4506.	<p>Drained oil - Serviced Engine w/10 qt 20w50 Replaced oil Filter w ESR110 Filter Cut & inspected old Filter - ok. <i>Benjamin D. Keoni A&P 367924879</i></p>
<p>Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach: 2552.52 Date 7-6-2005</p>		
<ol style="list-style-type: none"> 1. Drained crankcase and serviced engine with 10 quarts Philips 20w50, and 1 pint of Lycoming oil additive LW16702. 2. Installed new oil filter, torqued, and safetied. 3. Cut old oil filter and inspected for abnormalities, found none. 4. Run-up and leak check ok. <i>Ronald J. Tubbs II A&P 2844306</i> 		

INSPECTION & MAINTENANCE RECORD

DATE	DESCRIPTION
	<p>Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4605.52 Date 8-3-2005</p> <ol style="list-style-type: none"> 1. Drained crankcase and serviced engine with 11 quarts Philips X/C 20w50 and 1 pint of Lycoming oil additive LW16702. <i>Ronald J. Tubbs II A&P 2844306</i>
	<p>Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4615.13 Date 8-9-2005</p> <ol style="list-style-type: none"> 1. Installed serviceable condenser in right magneto. <i>Ronald J. Tubbs II A&P 2844306</i>
	<p>Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813 N4811Y Tach 4615.5 Date 8-18-2005</p> <ol style="list-style-type: none"> 1. Replaced #2 cylinder with serviceable cylinder. Installed new cylinder base gasket and pushrod tube gaskets. Torqued cylinder base nuts in accordance with Lycoming direct drive overhaul manual. 2. Re-torqued all cylinder base nuts on engine in accordance with Lycoming direct drive overhaul manual. 3. Re-surfaced #2, #3, #4, #5, and #6 cylinder exhaust flange seats. 4. Removed right magneto, cleaned; installed serviceable block, gear, points, and condenser; set E gap, and timed to engine. 5. Cleaned, gapped, and reinstalled spark plugs. 6. Replaced all intake gaskets and rubbers with new. 7. Replaced right magneto noise filter with new unit. 8. Replaced all rocker cover gaskets with new. <i>Benjamin D. Keoni A&P 367924879</i>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/9/04	4274.35	changed oil, filled crank case with 10 quarts of Phillips x/4 20w50 oil. Charles Purney ^{airframe} P350115799559
8-5-04	Tach 4326.72	TT 3739.91 SMOH 1407.91 Inspected Engine IAW an 100hr ✓ List. Drained oil. Cut + inspected oil filter. Installed New ES48110 filter Replaced #1 + #4 intake gaskets. Cleaned primer needles. Replaced Air filter. Serviced Engine with 10qt. Phillips 20w50. Run-up + Leak check ok. I certify that this Engine has been inspected IAW an 100hr inspection and is determined to be Airworthy Dorjan D. Pooi AIP 367924879
8-5-04	TACH 4326.02	Treaty the engine was inspected IAW an ANNUAL inspection and was determined to be airworthy this date. Matthew MKL AIP 217064044IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-11-04	Tach 4426.2	1. Drained oil from crankcase, 2. filled crank case with 11 qts. Phillips 20w50 3. Run-up and ^{leaks} check ok. <i>[Signature]</i> AP 2844306

Benz Aviation 3147 S State Rd. Ionia MI 48846 616-527-9070 FX616-527-9813
N4811Y 4-1-2005 Tach 4449.1 SMOH 1530.29 TT Engine 3862.29

1. Drained oil, changed filter with new 48110, cut and inspected old filter. Serviced engine with 10 qt 20w50 Phillips oil.
2. CW AD 96-12-07 impulse coupling inspection left mag. CW SB 639 next due @ 4949.1
3. Adjusted mag timing to 25 on the left mag.
4. Replaced spark plugs with new REM38E spark plugs.
5. Replaced push rod seals on cylinder #1 & #3 and rocker cover gaskets. Pn. 15380, 70310, 75906
6. Repaired lower leads for cylinder #1 & #3 with serviceable parts.
7. Sealed case seam with pro-seal torqued case seam bolts to 75 inch pounds.
8. Bendix mags had been reinstalled by persons unknown at an unknown time.

I certify that this engine has been inspected IAW an annual inspection and has been determined to be airworthy this date.

[Signature]
Matt Kuhns AIP217064044IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-18-03	4120.19	Changed oil & filter. Replaced filter w/ CH48110. Filled crankcase w/ 11 qts. Phillips 7/C 20W-50 oil. John Piggett A/P 378047207.
9-16-03	Tach 4149.6	Installed new primary points M3637 in Lt. Mag. Performed run-up. OK. John Piggett A/P 378047207.
10-07-03	Tach: 4172.49	Changed oil & filter. Replaced filter w/ CH48110-1. Filled crankcase w/ 10 qts. Phillips 7/C 20W-50 oil. John Piggett A/P 378047207.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-9-04	TACH 000.0	ASSEMBLED BOTTOM END OF FLY WHICH INCLUDES THE FOLLOWING PARTS: SERVICABLE CRANK CASE REPAIRMAN + INSPECTED BY RINCO. SERVICABLE CRANK CASE COUPLER WEIGHTS, CAMSHAFT RODS, GEARS, CAM FOLLOWERS, HYD LIFTERS, ROCKER ARMS REPAIRMAN + INSPECTION BY P+S CONCORP. NEW CRANKSHAFT + ROD BEARING ³ INSTALLED WITH NEW GASKETS + SEALS. NEW ROD BOLTS + NUTS USED NEW IDLER GEAR SHAFTS INSTALLED TO COMPLY WITH SAFETY WINNING PARTS. CRANK GEAR BOLT (PN 2047 H09) INSTALLED COMPLIES WITH PD 91-14-22. INSTALLED 1 OVERHAULED CYL FROM GIBSON + 5 SERVICABLE CYL'S. ALL WORK COMPLETED AS PER LY COMING OVERHAUL MANUAL. THE BOTTOM END OF THIS FLY OVERHAULED THIS DATE. INSTALLED NEW LEFT MAG STAFF 04042008 AND SERVICABLE RIGHT MAG GORDON HENHLEY Glen Kelly R/P 374321895

engine entry
made into
wrong logbook

INSPECTION & MAINTENANCE RECORD

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-24-97	Tach	5318.1 Hrs Removed LH Mag Check Impulse Coupling As Per AD# 96-12-07 TCM SB# 639 Install New Cam Assy # 10-400167-10-E Two Mag Straps # 6010962. Return Mag To Engine - Run Up & Ops Check. Next Insp Due 5818.1 Hrs.
		<p>DETAILS ON FILE UNDER WORK ORDER NO. 14873 ALLEN COUNTY AVIATION CORP. ALN 2156C 700 Airport Drive - Allen County Airport - Lima, OH 45804 Donald Skumran for ALN 2156C</p>
3-24-97	5318.1	Compression Check done by Allen Co Aviation on work order 14873. No 1 ⁸⁰ / ₈₀ No 2 ⁷⁸ / ₈₀ No 3 ⁸⁰ / ₈₀ No 4 ⁷⁶ / ₈₀ No 5 ⁷⁸ / ₈₀ No 6 ⁷⁸ / ₈₀ Plugs cleaned & gapped. Oil and filter changed. List of A/B's in Aircraft Log.
5/14/97	ENG TT 3428	HRS
7-	TSMO 1096	HRS
	Tach: 5318.1	

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

LJ Frey IA 1548249

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12-31-98	5408.48	Disassembled engine due to worn out camshaft. Installed new camshaft, reassembled itw Lycoming direct drive OTH manual. 3 Cylinders repaired due to cracks, new guide & seats were replaced as needed. All new hoses & gaskets & seals were used. High compression pistons installed at this time in accordance with STC # Engine was NOT overhauled -- parts were replaced and reassembled itw Lycoming manual. Engine not installed on aircraft at this time Kasper H. Housas A+P 51776662A
	Eng. TT: 3518.38	
	S.MOH: 1186.38	
8-12-03	Tach 4105.19	Installed engine on N48114. Installed old mags onto new engine. Timed mags to engine. Installed new oil filter P/N: CH48110. Filled crankcase w/ 11 qts. Phillips 7/C 20W-50 oil. Ran engine + leak checked. Performance satisfactory. John Piggott A+P 378047207
	Eng. TT: 3518.38	
	S.MOH: 1186.38	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-15-95	5279.8	TOWN TIME MUFFLER & EXHAUST STACKS REPAIRED BY DAWLEY AVIATION UNDER W/O # 46168 & 46172. SYSTEM REINSTALLED USING NEW GASKETS. STARTER OVERRUNNED BY T+W ELECTRICAL SERVISE INC UNDER W/O 4846. ALL YELLOW TAGS ARE IN AIRFRAME LOGBOOK THIS DATE. REPLACED ALL SPARK PLUGS WITH NEW CHAMPION RSM4DE. REPLACED BOBBLE GASKET OVER CYLS 1, 3, 5. REPLACED OIL COOLER HOSE BETWEEN FORWARD AND AFT OIL COOLERS. ENGINE WAS TEST RAN AND IS APPROVED FOR RETURN TO SERVISE. Royal L. Thom AP 280463427A
7-15-95	5279.8	TOWN C/W AD 94-01-022 BY INSP. OF LT. & RT MAGNETS BOTH FOUND TO HAVE PROPER COILS & MAGNETS

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		INSTALLED. REPLACED CONTACT SET IN LEFT MAGNET, SET "E" GAP AND REINSTALLED AND TUNED TO ENGINE. ENGINE TEST RAN ENTIRELY. Royal L. Thom AP 280463427A

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-29-94	5185.9	TACH TIME CHANGED OIL & FILTER, SERVICED ENGINES WITH 12 qts A/S 15W50 OIL. CLEANED & GAPPED ALL SPARK PLUGS. ENGINES WASHED DOWN & TEST RAN WITH NO LEAKS NOTED. Ray L. Thomas NP 280463646
4-3-95	5221.2	TACH 3331.2 TT 999.2 SMOH ANNUAL INSPECTION COMPLETED THIS DATE PER PAPER INSPECTION FORMS. OIL & FILTER CHANGED, SUCTION SCREEN CLEANED & INSPECTED. ENGINES SERVICED WITH 12 qts A/S 15W50 OIL. ALL SPARK PLUGS CLEANED & GAPPED. COMPRESSION CK. $1 \frac{75}{50}$ $2 \frac{75}{50}$ $3 \frac{76}{50}$ $4 \frac{75}{50}$ $5 \frac{75}{50}$ $6 \frac{75}{50}$. CLEANED CARBURATOR INLET FUEL SCREEN. REPLACED INDUCTION AIR FILTER ELEMENT WITH BRACKET BA3. DRESSED WICKS FROM PROPILLER. C/W AD 25-09-07 R3 ON LT MAGNETO & IMPULSES COMPLETELY MAG REINSTALLED AND TUNED

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		TO ENGINES. ENGINES WASHED DOWN AND TEST RAN WITH NO LEAKS NOTED.
		Tach. Reads <u>5221.2</u>
		T.T. on A.C. <u>5221.2</u>
		T.T. on Eng. <u>3331.2</u>
		T.S.M.O.H. <u>999.2</u>
		ELT Expires <u>MP</u>
		I certify that this <u>ENGINE & Prop.</u> has been inspected in accordance with <u>AN 280463646</u> inspection and was determined to be in airworthy condition. Ray L. Thomas Raymond L. Thomas IA280463646
6-14-95	5275.5	TACH TIME CHANGED OIL & FILTER, CLEANED & GAPPED ALL SPARK PLUGS. ENGINES WASHED DOWN AND TEST RAN WITH NO LEAKS NOTED Ray L. Thomas NP 280463646

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-29-93	5149.4	TOWN
<p>CHANGED OIL & FILTER SERVICED ENGINE WITH 11 qts A/S 15-50 OIL. CLEANED & GAPPED SPARK PLUGS. CLEANED FUEL SCREEN. REPLACED INDUCTION AIR FILTER ENGINE WASHED DOWN, & TEST RAN WITH NO LEAKS NOTED.</p> <p>Raymond L. Thomas IA 280463646</p>		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-1-94	5150.5	928.5 SMOH
<p>ANNUAL INSP. C/W THIS DATE. CLEANED & GAPPED SPARK PLUGS COMP AIR. ALL CYLS 75% OR BETTER. CLEANED CARB INTAKE SCREEN. CLEANED OIL SUCTION SCREEN. NOTE OIL NOT CHANGED AT THIS TIME. C/W AD 94-01-03 ON RT MAGNET P/W 10-51365-44 S/N 74 8020 BY INSPECTION, PROPER COIL & MAGNET INSTALLED. CHECKED MAGNET TO ENGINE TIMING & ENGINE WASHED DOWN & LEAK CRD, NO LEAKS NOTED</p>		
Tach. Reads		5150.5
T.T. on A.C.		5150.5
T.T. on Eng.		3280.5
T.S.M.O.H.		928.5
ELT Expires		N/A
		5-1-94
<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.</p> <p>Raymond L. Thomas IA280463646</p>		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-25-91	4869.2	TOWN TINS 2999.2 TT. 647.2 SMOH OIL DRAINED FILTER CHANGED, ENGINES WITH 12 qts AROCLIN 50WT OIL. ENGINES WASHED DOWN, TEST RAN WITH NO LOADS NOTED. Repl 2 Town AP280462646TA.
8-17-91	4891.3	TOWN 3021.3 TT. 649.3 SMOH. OIL DRAINED, FILTER CHANGED, ENGINES SERVICED WITH 12 qts AROCLIN 15-50 OIL. Replaced upper Baffle gasket. ALL SPARK PLUGS CLEANED & GAPPED. ADJUSTED IDLE MIXTURES & RPM. ENGINES WASHED DOWN, TEST RAN WITH NO LOADS NOTED. Replaced AIR FILTER ELEMENT Repl 2 Town AP280462646TA.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-6-92	TOWN 4921.3	ANNUAL INSPECTION COMPLETED THIS DATE. OIL SCREENS CLEANED & CHECKED. OIL NOT CHANGED AT THIS TIME. Compression CK. #1 $\frac{74}{80}$ #2 $\frac{78}{80}$ #3 $\frac{76}{80}$ #4 $\frac{74}{80}$ #5 $\frac{74}{80}$ #6 $\frac{78}{80}$. ALL SPARK PLUGS CLEANED, GAPPED & ROTATED. Replaced induction AIR FILTER. CLEANED CARB. FUEL SCREEN. BLEW OUT VANES IN BOTH OIL COOLERS. APPLICABLE AD'S CHECKED TOWN B-W ISSUE 92-05. AD 91-14-22 N/A AT THIS TIME. ENGINES WASHED DOWN, TEST RAN WITH NO LOADS NOTED.
	ach. Reads	4921.3
	.T. on A.C.	4921.3
	.T. on Eng.	3051.3
	.S.M.O.H.	649.3
	ELT Expires	N/A

I certify that this Engines has
been inspected in accordance
with an ANNUAL inspection and was
determined to be in airworthy condition.
Repl 2 Town
Raymond L. Thomas IA280463646

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>ENGINE HEATER FROM E-2 HEAT, NO WTX BALANCED CHANGE REPLACED ALL LOWER SUOT DUCT. REPLACES EGT PROBS WITH NEW UNIT FROM ALCOR. REPLACED CONDENSOR ON LT MAG. C/W AD78-09-07 R3 IMPULSE COUPLING INSP. ON LT MAG. DUE AGAIN 5300.0 HRS. - REPLACED POINTS & CONDENSOR ON RT MAG. BOTH MAGNETOS REINSTALLED WITH NEW GASKETS & DRIVE CUSHIONS. TIMED MAGS. TO ENG. C/W LYCOMING 400 HR VALVE TRAIN INSPECTION. DUE AGAIN AT 5300.0 HRS. REPLACED ALL ROLLER BOX GASKETS. REPLACED OIL PRESSURE INDICATOR HOSE (ENG TO FIREWALL) WITH NEW ASSEMBLY. REPLACES LWR OUTBOARD OIL COOLER HOSE WITH NEW ASSEMBLY. MUFFLER REPAIRED BY WELDING. REPLACED EXHAUST STUDS AND GASKETS ON CYL #1, 3, 5. ENGINE WASHED DOWN, TEST RAN WITH NO LEAKS NOTED. APPLICABLE AD'S CHECKED THRU BI-WEEKLY ISSUE 91-03 Rym L. Thum AP280463646</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>Tach. Reads <u>4800.0</u> T.T. on A.C. <u>4800.0</u> T.T. on Eng. <u>2930.0</u> T.S.M.O.H. <u>578.0</u> Res <u>N/A</u></p> <p>I certify that this <u>engine</u> has been inspected in accordance with an <u>annual</u> inspection and was determined to be in airworthy condition. Rym L. Thum Raymond L. Thomas IA280463646</p>
5-1-91	4814.0	<p>TAUN 2944 TT ENG 592 SMOH CLEANED SPARK PLUGS & CK'D GAP. ENGINE'S TEST RAN, MAGNETO CK NORMAL. Rym L. Thum AP280463646</p>
5-13-91	4831.4	<p>TAUN 2961.4 TT 609.4 SMOH CHANGED OIL & FILTER SERVICED WITH 12 QTS AEROSOL 50WT. OIL. ENGINE'S WASHED DOWN, & TEST RAN WITH NO LEAKS NOTED. Rym L. Thum AP280463646</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-26-90	4718.1	TRUN TIME 2848.1 TOTAL TIME 496.1 SMOH 100 HR INSPECTION COMPLETED AT THIS TIME. OIL DRAINED, FILTER REPLACED ENGINES SERVICED WITH 12 QTS AEROSHELL 50WT DST. OIL. ADDED 60Z LYCOMING ADDITIVE LW16702. ALL SPARK PLUGS CLEANED AND GAPPED. COMPRESSION CKD #1 ⁷⁵ / ₅₀ #2 ⁷⁴ / ₅₀ #3 ⁷⁵ / ₅₀ #4 ⁷⁴ / ₅₀ #5 ⁷⁴ / ₅₀ #6 ⁷⁵ / ₅₀ REPLACED INDUCTION AIR FILTER ELEMENT. C/W AD 78-09-07 R3 ON LEFT MAGNETO BENDIX 56LN-81 S/N 6010962. BY VISUAL INSPECTION PER BENDIX S/B599B. NEXT DUE AT 5218.1 TOTAL TIME. ENGINES WASHED DOWN TEST RAN WITH NO LEAKS NOTED.

I certify that this ENGINE has
been inspected in accordance
with A100NR inspection and was
determined to be in airworthy condition.

Raymond L. Thomas
Raymond L. Thomas IA280463646

Serials 4718.1
I.T. on A.C. 4718.1
T.T. on Eng. 2848.1
T.S.M.O.H. 496.1
ELT Expires N/A

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-17-90	4749.4	TRUN TIME 2879.4 TOTAL TIME 527.4 SMOH OIL DRAINED, FILTER REPLACED, ENGINES SERVICED WITH 11 QTS AEROSHELL 15W50 OIL. REPLACED SPARK PLUGS WITH NEW CHAMPION REM 40E. ENGINES WASHED DOWN, TEST RAN WITH NO LEAKS NOTED. <u>Raymond L. Thomas</u> AP280463646EA

3-21-91	4800.0	TRUN TIME ANNUAL INSPECTION COMPLETED THIS DATE PER PIPER INSPECTION FORMS. COMPRESSION CHECKED #1 ⁷⁵ / ₅₀ #2 ⁷⁴ / ₅₀ #3 ⁷⁴ / ₅₀ #4 ⁷⁵ / ₅₀ #5 ⁷⁴ / ₅₀ #6 ⁷⁵ / ₅₀ . OIL & FILTER CHANGED, SUCTION SCREEN CLEANED & CHECKED. ENGINES SERVICED WITH 12 QTS A-5 15-W-50 OIL. REPLACED INDUCTION AIR FILTER WITH NEW, CLEANED & GAPPED ALL SPARK PLUGS. CLEANED CARB INLET FUEL SCREEN & DRAINED CARB. INSTALLED INSULATED BOOT ON STATOR TERMINAL. INSTALLED
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INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-8-89	4529.8	TACNO 2659.8 TOTAL TIME ENG 307.8 SMOH 100 NR. INSPECTION COMPLETED THIS DATE. OIL DRAINED, FILTER REPLACED ENGINE SERVICED WITH AEROSOL 15W50 OIL. ALL SPARK PLUGS CLEANED & GAPPED. COMPRESSION CHECKED ALL CYLINDERS 7/80 OR BETTER. REPLACED BALL & SPRING IN OIL PRESSURE RELIEF VALVE. REINSTALLED PROPELLER AFTER RECONDITIONED BY PRIEST PROP SHOP FINDLAY ONID. REPLACED MAIN OIL COOLER RAIN AIR HOSE. TIGHTENED ALL ROCKER BOX COVERS. AIR FILTER REPLACED WITH NEW BROOKSH AIR FILTER ASSEMBLY - FAN 337 ALSO THIS DATE. ENGINE WASHED DOWN, TEST RAN WITH NO LEAKS NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED F/A/W A 100HR INSPECTION AND FOUND TO BE AIRWORTHY. By Thomas AP 25046364

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Feb. 8, 1989		Annual Ins. This date 40 ³ cret date through 89-2-BW See last and mechanics notes:
		Tack Reads <u>4529.8</u> I certify that this <u>Engine</u> has been thoroughly inspected in T. T. on A.C. <u>4529.8</u> accordance with a <u>Annual</u> T. T. on Eng. <u>2659.8</u> inspection and found to be in an T. S. M. O. H. <u>307.8</u> airworthy condition. Flown Prev. 12 Mo. <u>205.8</u>
		Ralph J. Moore I.A. 744605

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(180deg); opacity: 0.5; pointer-events: none;"> INSPECTION & MAINTENANCE RECORD </div>		
<p>Oct 8, 1987 - Annual Insp. this date AD to date th- 87-19 "I certify that this engine has been thoroughly inspected in accordance w/ an annual Insp and was found to be air worthy." Ralph J Moore 744606</p>		
TAC	4324	
TTCN AC	4324	
TTCN Eng	2454	
TSMOH	102	
Flown Prev	12 Mo	122

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
326-88	TACN TIME 4324 TOTAL TIME EN 2454 TSMOH 102	
OIL & FILTER CHANGED AEROSHELL 15W50 ADDED INDUCTION AIR FILTER CHANGED, SPARK PLUGS CLEANED & GAPPED. ENGINES WASHED DOWN TEST RAN, NO LEAKS NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED $\frac{1}{2}$ A/W A 100 HR INSPECTION AND FOUND TO BE AIRWORTHY. Ralph J Moore AP 580463646		
March, 26, 1988 annual Insp. AD to date through 88-57 See list		
I certify that this <u>Engine</u> <u>has</u> been thoroughly inspected in accordance with a <u>Annual</u> inspection and found to be in an airworthy condition."		
		Reads <u>4324</u> T. T. on A.C. <u>4324</u> T. T. on Eng. <u>2454</u> T. S. M. O. H. <u>102</u> Flown Prev. 12 Mo. <u>122</u>
Ralph J Moore I.A. 744606		

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

2-27-87

TAUN TIME AIRFRAME 4872.0 HRS
TOTAL TIME ENGINES 2332.0
TSMOH "0"

ENGINE REINSTALLED IN N7066Z
THIS DATE - ENGINE GROUND TEST RAN
AND LEAK CKD OK. AIRCRAFT FLIGHT
CHECKED SATISFACTORY. Repair & Thru. NRP 250463646

This engine was re-built according to manufacturer's manual, and must be operated in strict accordance with original engine manufacturer's operations manual.

ENGINE EQUIPPED WITH CHROME CYLINDERS

CAUTION

This engine is equipped with chrome cylinders, and has been completely test run and is ready for normal operation. No further ground run or slow flight is required. Additional ground run or slow flight will glaze cylinders and void warranty.

ENGINE TEST RUN PER MANUFACTURERS SPECIFICATION FOR 15 HRS. ON 2-16-87 T. W. SMITH ENGINE CO. INC. C.R.S. 1045

Steven Dan

IN SOME INSTANCES P.M.A. PARTS ARE USED OTHER THAN THE ORIGINAL MANUFACTURER'S.

P.M.A. PARTS SPECIFICATIONS.

MEET

F.A.A.

T. W. SMITH
ENGINE CO., INC.

Model 0-540-B2B5
Serial L-7135-40
W.O. E-1486
Date 2-24-87

Limited Warranty



It is expressly agreed that we, unconditionally, guarantee all of our re-built engines and accessories to be free from defects in material and workmanship, under normal use and service, for 240 hours of operation or 180 days from date of sale, whichever occurs first, in accordance with the following conditions.

1. T.W. SMITH ENGINE CO., INC. reserves the right to repair or replace, or to authorize for repair or replacement, any items which fail due to defect in material or workmanship, and further provided that the engine has been operated under normal use and service, according to aircraft operation manual, unless otherwise specified.
2. T.W. SMITH ENGINE CO., INC. is notified before any repairs are performed.
3. T.W. SMITH ENGINE CO., INC. shall have the option to furnish any parts or accessories required, and provided further that defective parts or accessories are promptly returned to T.W. SMITH ENGINE CO., INC. freight prepaid.
4. All repairs are performed on a standard charge basis and not on an overtime basis, and providing further that the charges are reasonable for the repairs accomplished, that the cost of all charges must be agreed upon prior to any warranty work being accomplished.

The engine is further warranted on a prorated basis except that no labor allowance will exist after the period of 240 hours of operation or 180 days from date of sale. The engine proration is based on the ratio of hours logged or at the rate of 40 hours per month, whichever is greatest, over the TBO of the engine. No other express warranty or no affirmation of the seller, his agent, employee, or representative, by words or actions shall constitute a warranty, unless specifically included within this written agreement. This warranty does not apply to any engine remanufactured by T.W. SMITH ENGINE CO., INC. which has been subject to misuse, neglect or accident or which has been operated beyond factory recommendations.

T. W. SMITH ENGINE CO.

1/1/85

T. W. SMITH ENGINE CO., INC.

HANGAR #1 LUNKEN AIRPORT CINCINNATI, OHIO 45226

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency. CERT. No. 1045

Work Order No. E-1486 Date: 2-24-87

Model: 0-540-B2B5 Serial No. L-7135-40

Date Re-built 2-13-87

Total Accumulated Time 2332.0

Signed: 

The above listed component has been inspected, re-built and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferric parts zyglod. No further run-in of the installation is required. List of manufacturer's bulletin and AD Notes complied with, recorded in back of logbook.