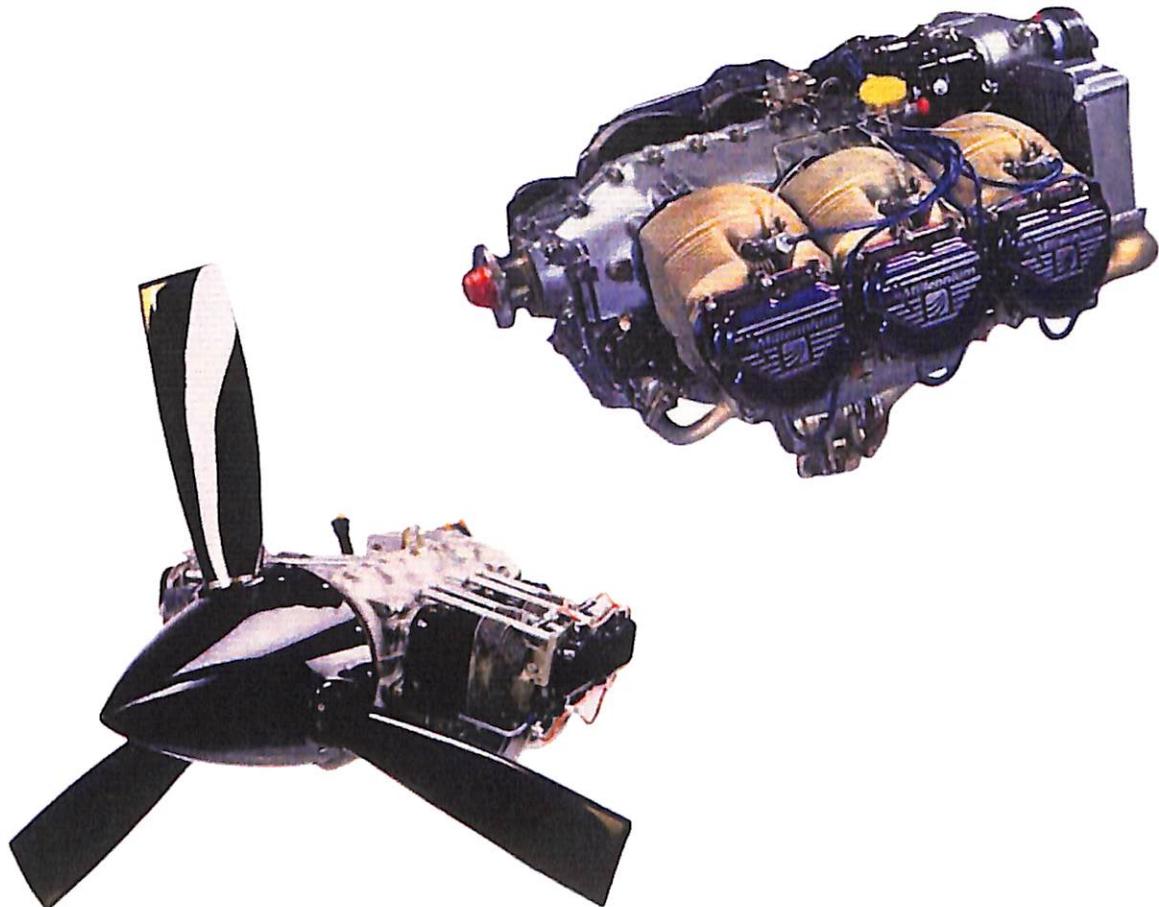


# ENGINE MAINTENANCE RECORDS



Shipping Address: 2505 W. Broadway, Collinsville, OK 74021 ■ Mailing Address: P.O. Box 582453, Tulsa, OK 74158-2453  
Toll Free 888 371-1371 ■ 918 371-3000 ■ FAX 918 371-3041 ■ Look us up at [www.overhaul.com](http://www.overhaul.com) ■ E-Mail: [info@overhaul.com](mailto:info@overhaul.com)  
FAA Certified Repair Station IAXR223L

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	
				MAKE <b>Lycoming</b> SERIAL # <b>L-3569-51A</b> TIME SMOH <b>0.0</b>	MODEL <b>IO-360-A1A</b> DATE <b>11-10-2023</b> TOTAL TIME <b>3095.6</b>
<p>America's Aircraft Engines, Inc. certifies that this engine has been disassembled, overhauled and tested in accordance with recommended procedures and all clearances and tolerances are within specified limits. Procedures and limits used are as contained in engine manufacturers overhaul manual number <b>60294-7</b>.</p> <p>America's Aircraft Engines, Inc. certifies the engine identified above was overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Following A.D.'s complied with <b>SEE NOTES</b>.</p> <p>Pertinent details of the overhaul are on file at America's Aircraft Engines, Inc. work order number <b>623061</b>.</p> <p>Signed <i>Stephen D. Fowler</i> For America's Aircraft Engines, Inc. Stephen D. Fowler PO Box 582453 Tulsa, OK 74158</p>					
FORM AAE 101				CERTIFIED REPAIR STATION NO. IAXR223L	
LYCOMING <b>IO-360-A1A</b> S/N: <b>L-3569-51A</b>				W/O #: <b>623061</b> A.D. NOTES <b>11-10-2023</b>	
<p>A.D. 64-16-05 AMD 765 N/A AFFECTED FUEL PUMPS NOT INSTALLED.</p> <p>A.D. 66-06-03 AMD 39-708 ROD P/N LW-10646 INSTALLED.</p> <p>A.D. 66-20-04 AMD 39-277 C/W IAW SB 307.</p> <p>A.D. 67-22-06 AMD 39-448 N/A SERVO PARTS LIST P/N 2524054-11 INSTALLED.</p> <p>A.D. 71-05-02 R4 AMD 39-1589 N/A PREVIOUSLY C/W.</p> <p>A.D. 71-11-02 AMD 39-1403 N/A BY SERIAL NUMBER.</p> <p>A.D. 73-23-01 AMD 39-2804 N/A BY SERIAL NUMBER.</p> <p>A.D. 75-08-09 AMD 39-3013 N/A BY SERIAL NUMBER.</p> <p>A.D. 75-09-15 AMD 39-2187 N/A AFFECTED FLOW DIVIDER NOT INSTALLED.</p> <p>A.D. 78-23-10 AMD 39-3333 N/A SERVO PARTS LIST P/N 2524054-11 INSTALLED.</p> <p>A.D. 79-04-05 AMD 39-3570 N/A SERVO PARTS LIST P/N 2524054-11 INSTALLED.</p> <p>A.D. 90-04-06 RI AMD 39-6915 C/W APPENDIX I, FIGURE 1 OF THIS A.D.</p> <p>A.D. 92-12-05 AMD 39-8265 N/A PISTON PIN P/N LW-14078 INSTALLED.</p> <p>A.D. 93-11-11 AMD 39-8584 N/A AFFECTED FUEL PUMP NOT INSTALLED.</p> <p>A.D. 95-07-01 AMD 39-9183 N/A AFFECTED ROD BOLTS NOT INSTALLED.</p> <p>A.D. 95-26-02 AMD 39-9460 NO DAMAGE NOTED AT TEARDOWN.</p> <p>A.D. 96-09-10 AMD 39-9586 PREVIOUSLY C/W.</p> <p>A.D. 96-23-03 AMD 39-9826 N/A AFFECTED FUEL PUMP NOT INSTALLED.</p> <p>A.D. 97-15-11 AMD 39-9874 N/A PISTON PIN P/N LW-14078 INSTALLED.</p> <p>A.D. 98-02-08 AMD 39-10291 N/A NO FIXED PITCH PROP INSTALLED.</p> <p>A.D. 98-17-11 AMD 39-10713 N/A BY SERIAL NUMBER.</p> <p>A.D. 2003-14-03 AMD 39-13222 N/A AFFECTED FUEL PUMP NOT INSTALLED.</p> <p>A.D. 2004-10-14 AMD 39-13644 C/W IAW MSB 475C.</p> <p>A.D. 2005-19-11 AMD 39-14276 N/A BY SERIAL NUMBER.</p> <p>A.D. 2006-06-16 AMD 39-14525 N/A BY SERIAL NUMBER.</p> <p>A.D. 2009-02-03 AMD 39-15793 PREVIOUSLY C/W.</p> <p>A.D. 2012-03-06 AMD 39-16947 N/A AFFECTED SERVO NOT INSTALLED.</p> <p>A.D. 2012-03-07 AMD 39-16948 N/A AFFECTED CARBURETOR NOT INSTALLED.</p> <p>A.D. 2012-19-01 AMD 39-17196 N/A BY SERIAL NUMBER.</p> <p>A.D. 2015-19-07 AMD 39-18269 C/W IAW MSB 342G.</p> <p>A.D. 2017-16-11 AMD 39-18988 N/A BY SERIAL NUMBER.</p> <p>A.D. 2023-17-04 AMD 39-21945 N/A OIL FILTER ADAPTER NOT INSTALLED.</p>					
<i>Stephen D. Fowler</i> Stephen D. Fowler P 477629769					

SUB-TOTALS this page

TOTALS-Carry forward to next page

1. Approving Civil Aviation Authority/Country: United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 23-52221
4. Organization Name and Address: <b>Rocky Mountain Propellers, Inc.</b> 2865 Airport Drive Erie, Colorado 80516					5. Work Order/Contract/Invoice Number: 23-52221
6. Item: <b>1</b>	7. Description: <b>Hartzell Governor</b>	8. Part Number: <b>H-1</b>	9. Quantity: <b>1</b>	10. Serial Number: <b>2515V</b>	11. Status/Work: Overhauled
12. Remarks: Overhauled governor in reference to Hartzell Service Manual #130B, Rev. 25, and other supporting documents. Complied with Service Letters thru HC-SL-61-61 Y, Rev. 14. No AD's currently apply. Next Overhaul Due: At engine or propeller overhaul, but not to exceed 2400 hours.					TSN <b>unk</b> TSO <b>0.00</b>
<p>A complete description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5. Notice: An Airworthiness Directive may apply to the article(s) described herein. The installer is responsible for ensuring complete compliance with any applicable Airworthiness Directives. "Certifies that the work specified in block 11 / 12 was carried out in accordance with FAR Part-145 and EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Approval Number: EASA.145.4827"</p> <p>13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation.  <input type="checkbox"/> Non-approved design data specified in Block 12</p> <p>13b. Authorized Signature: <i>Stephen D. Fowler</i> 13c. Approval/Authorization No.: <b>FR6R545N</b> 14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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.</p> <p>13d. Name (Typed or Printed): <b>Stephen D. Fowler</b> 13e. Date (dd/mm/yy): <b>13 Nov 2023</b> 14b. Authorized Signature: <i>Stephen D. Fowler</i> 14c. Approval/Certificate No.: <b>FR6R545N</b></p> <p>14d. Name (Typed or Printed): <b>Dave Hampel</b> 14e. Date (dd/mm/yy): <b>13 Nov 2023</b></p> <p><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 aircraft engine/propeller/article. 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 authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					
FAA Form 8130-3 (02-14) <b>1523MW</b> NSN 0052-00-012-9005					

DATE: Mar/18/2024		KUSA AVIATION, LLC 4700 Hangar Dr. Beaumont Texas 77705		409-727-7900-O 409-727-7901-F	<b>KUSA AVIATION</b>	
<input checked="" type="checkbox"/> Engine		Req. # <b>N523MW</b>	Model: <b>IO-360-A1A</b>	S/N: <b>L-3569-51A</b>	Tach: <b>3095.2</b>	TSN: <b>3095.2</b>
<p>1. This engine was removed &amp; reinstalled after overhaul by AMERICA'S AIRCRAFT ENGINES CRS# IAXR223L Work order# 623061.Dated 11/10/2023.</p> <p>2. Engine shock mounts Replaced 06/28/2022 Tach: 2976.7.</p> <p>3. R &amp; R Prop governor p/n: H-1 s/n: 2515V for overhaul by Rocky Mountain Propellers CRS# FR6R545N Work Order# 23-52221 Dated 13/Nov/2023.</p> <p>4. Installed all new fuel &amp; oil hoses from PRECISION HOSE TECHNOLOGY Tulsa OK</p> <p>5. R &amp; R Oil cooler for overhaul by Pacific Oil Cooler Ser CRS# RF3R813L Work Order# 156547 Dated 7/13/2023.</p> <p>6. Installed new Knisley Welding CRS# PQ1260NM Exaust p/n: K630045M-503, K630045M-501, K630045M-507, K630045M-509, K630045M-511 &amp; K630045M-513 with all new gaskets &amp; nuts.</p> <p>7. Starter &amp; Alternator reinstalled as removed.</p> <p>8. Reinstalled engine baffling as removed.</p> <p>9. C-W AD2015-19-07 By inspecting fuel injector lines in accordance with SB342G &amp; found satisfactory for service at this time.<b>Note: Next inspection Due Tach: 3195.2</b></p> <p>10. Serviced engine with 8 qts Phillips 20W50 OIL &amp; pre-oil engine.</p> <p>11. Engine ground run, set up &amp; leak checked satisfactory at this time.</p> <p>12. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions &amp; approved for return to service for work performed at this time.</p>						
<p><b>Signature:</b> <i>Stephen D. Fowler</i></p> <p>David Scherer A&amp;P3798450</p>						
<p>SUB-TOTALS this page</p> <p>TOTALS-Carry forward to next page</p>						

D-FORMING WORK

**LIMITED WARRANTY**

To: **KUSA AVIATION** Aircraft:  
Model: **IO-360-A1A** Registration:  
Serial Number: **L-3569-51A** Tach or Hobbs: **3095.6**  
Work Order: **623061** Date of Overhaul: **11-10-2023**

AMERICA'S AIRCRAFT ENGINES, INC. warrants this engine to be free from defects in materials and workmanship by America's Aircraft Engines, Inc. for TWELVE (12) months or 500 hours, whichever occurs first. Accessories will be warranted by respective vendors.

This engine, excluding accessories, is further warranted to be free from defects in materials furnished by America's Aircraft Engine's, Inc. until T.B.O. on a pro-rated basis on parts. For the purpose of calculating pro-ration, a minimum of 40 hours per month from the date of overhaul will apply. Replacement or repair of engine, component, or parts under this Limited Warranty will not extend the warranty period. Installation or removal costs are excluded under pro-rated portion. Limited Warranty will not extend the warranty period. Installation or removal costs are excluded under pro-rated portion. Cracked cylinders and cracked crankcases excluded from all warranty unless it can be determined that they are a direct result of improper assembly.

To exercise this Limited Warranty, America's Aircraft Engines, Inc. must be promptly notified of the discovery of any defect or failure by call or letter fully describing such defect or failure to:

America's Aircraft Engines, Inc.  
PO Box 582453, Tulsa, OK 74158  
918-371-3000

All warranty work is to be accomplished in Collinsville, Oklahoma by America's Aircraft Engines, Inc. unless approval is granted in writing by America's Aircraft Engines, Inc. for work to be accomplished elsewhere or by anyone else, prior to commencement of such work. America's Aircraft Engines, Inc. reserves the right to furnish any or all parts thereof.

America's Aircraft Engines, Inc. is not responsible for any consequential loss associated with any failure or defect under this Limited Warranty and no allowance will be made for down time, loss of use, hotel, freight, transportation or any other incidental expense directly or indirectly associated with such defect or failure.

This Limited Warranty is expressly in lieu of all warranties and representations, expressed or implied in fact or by law including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. The work to which this Limited Warranty applies is deemed to have been accomplished in Collinsville, Oklahoma and in the event of a dispute on this Limited Warranty, the laws of the State of Oklahoma shall apply and any litigation shall be maintained only in the State of Oklahoma in a court of Competent Jurisdiction.

This Limited Warranty gives you specific rights and may be transferred only by express permission in writing by America's Aircraft Engines, Inc.

*Stephen D. Fenlon*

# ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. N523MW

Engine Manufacturer \_\_\_\_\_

Model 10-360-A1A

Serial No. L-3569-51A

Date installed on aircraft Mar/18/2024

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

If used on multi-engine aircraft:

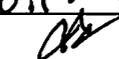
Right       Left  
 Front       Rear

(All applicable information must be filled in)

N523MW

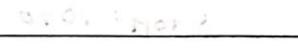
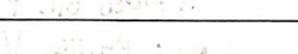
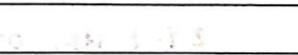
LOG 2

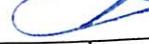
*The Standard*  
 ENGINE LOG

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.)
2025				
3/20/25	3170.00			Oil Change (1 <sup>st</sup> After Break-In) SMOH 75.36 Oil + Filter Change : 17.2 HRS Oil: Phillips X/P 20W-50, 6 Qts + Marvel Mn.Oil 
5/20/25	3206.0			Oil Change - SMOH 110.76 Oil + Filter Change : 35.4 HRS. Oil: Phillips X/P 20W-50, 6 Qts + Marvel Mn.Oil 
6/1/25	3240.9			Oil Change - SMOH 145.66 Oil + Filter Change : 34.9 HRS Oil: Phillips X/P 20W-50, 6 Qts + Marvel Mn.Oil 

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.)
10/4/25	3294.2			Oil Change - SMOH 198.96 Oil + Filter Change : 53.3 HRS Oil: Phillips X/P 20W-50, 6 Qts + Marvel Mn.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 PAGE FOR OTHER SPECIFIC ENTRIES.)
19				<p>wo: WO_1111</p> <p>Feathered Edge Aviation, LLC - 18000 GROSCHKE RD. HANGER 3E HOUSTON, TX 77084 713-724-5002</p> <p>N523MW      Lycoming, IO-360-A1A, S/N: L-3569-51A      April 24, 2023 TACH: 3153.36      SMOH: 58.16      Feb. 28, 2025 16-50</p> <p>1. Checked oil filter for metal. Oil contamination: evidence of engine failure. 2. Removed and crated engine. 3. Reinstalled engine after inspection by America's Aircraft Engines, Inc. Installed P/N 66224 - Lycoming Gasket. Installed P/N P5000 - Oil drain Valve. Installed (8) P/N 08-05410 - Aeroshell 100 Mineral Oil. Installed P/N AA48109 - Oil Filter.</p> <p>With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Feathered Edge Aviation, LLC, under work order: WO 1111.</p> <p>James Placette A&amp;P 3397518</p> <p><i>Jim Placette</i></p> <p>wo: WO_1331</p> <p>Feathered Edge Aviation, LLC. 18000 GROSCHKE RD. HANGER 3E. HOUSTON, TX 77084. 713-724-5002</p> <p>N523MW      Lycoming, IO-360-A1A, S/N: L-3569-51A      February 28, 2025 TACH: 3153.36      SMOH: 58.16      16-50</p> <p>1. Engine run up. No compression check due to engine installation. 2. Inspect engine, nacelle group, &amp; exhaust system. Check magneto timing. Clean, gap, &amp; test spark plugs. 3. Change oil and filter. Engine wash run up, and leak check. Installed (4) Aeroshell 100 Mineral Oil. 4. Perform AD research.</p> <p>I certify that this Engine has been inspected IAW an Annual Inspection, per 14 CFR 43 APPENDIX D and was determined to be in an airworthy condition. Details of work performed are on file with Feathered Edge Aviation, LLC, under work order, WO_1331.</p> <p>James Placette IA 3397518</p> <p><i>James Placette</i></p>

DATE 19	RECORDING TACH TIME	TODAY'S 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.)
01/6/23	3062.9			Oil Change. SMAI 1115. CHANGED OIL ONLY .25 HRS SINCE LAST Oil: Phillips Victory 20W-50, 6 QTS <sup>FULL CHANGE.</sup> 
01/6/23	3081.4			Oil Change. SMAI 1133.5 Changed Oil + Filter <sup>OIL-18.5 HRS</sup> Filter-43.6 HRS Oil: Phillips Victory 20W-50, 6 QTS 
				
				
				
				
				

DATE: Mar/18/2024 D. 19	KUSA AVIATION, LLC 4700 Hangar Dr. Beaumont Texas 77705	409-727-7900-O 409-727-7901-F			
<input checked="" type="checkbox"/> <b>Engine</b>		Reg. # N523MW	Model: IO-360-A1A	S/N: L-3569-51A	Tach: 3095.2
		TSN: 3095.2 TSO:000.0			
<ol style="list-style-type: none"> <li>1. This engine was removed &amp; reinstalled after overhaul by AMERICA'S AIRCRAFT ENGINES CRS# IAXR223L Work order# 623061.Dated 11/10/2023.</li> <li>2. Engine shock mounts Replaced 06/28/2022 Tach: 2976.7.</li> <li>3. R &amp; R Prop governor p/n: H-1 s/n: 2515V for overhaul by Rocky Mountain Propellers CRS# FR6R545N Work Order# 23-52221 Dated 13/Nov/2023.</li> <li>4. Installed all new fuel &amp; oil hoses from PRECISION HOSE TECHNOLOGY Tulsa OK</li> <li>5. R &amp; R Oil cooler for overhaul by Pacific Oil Cooler Ser CRS# RF3R813L Work Order# 156547 Dated 7/13/2023.</li> <li>6. Installed new Knisley Welding CRS# PQ1260NM Exaust p/n: K630045M-503, K630045M-501, K630045M-507, K630045M-509, K630045M-511 &amp; K630045M-513 with all new gaskets &amp; nuts.</li> <li>7. Starter &amp; Alternator reinstalled as removed.</li> <li>8. Reinstalled engine baffling as removed.</li> <li>9. C-W AD2015-19-07 By inspecting fuel injector lines in accordance with SB342G &amp; found satisfactory for service at this time. <b>Note: Next inspection Due Tach: 3195.2</b></li> <li>10. Serviced engine with 8 qts Phillips 20W50 OIL &amp; pre-oil engine.</li> <li>11. Engine ground run, set up &amp; leak checked satisfactory at this time.</li> <li>12. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions &amp; approved for return to service for work performed at this time.</li> </ol>					
<b>Signature:</b>  David Scherer A&P3798450					
					
					
					
					
					
					
					



VAAYU Aero Maintenance

West Houston Airport  
18000 Groeschke Rd.  
Houston, TX 77084

DATE: 06/28/2022 N523MW TACH: 2976.77 SMOH: 1038.67

POWERPLANT ANNUAL INSPECTION

WORK PERFORMED:

COMPRESSION CHECK: 1/69, 2/74, 3/65, 4/77

- CHANGED OIL AND FILTER PN#AA48108-2 AND SAFETIED. SERVICED ENGINE WITH 5 QTS OF AEROSHELL 100W DETERGENT OIL. WASH, RUN, AND LEAK CHECKED OK.
- REMOVED, CLEANED, AND RECHARGED INTAKE AIR FILTER.
- INSPECTED, CLEANED, GAPPED, TESTED, AND ROTATED SPARK PLUGS.
- INSPECTED INTAKE AND EXHAUST SYSTEMS.
- REMOVED, CLEANED, INSTALLED, AND LEAK CHECKED INJECTORS.
- C/W AD 2015-19-07 FUEL INJECTOR LINES/CLAMPS BY INSPECTION. DUE EVERY 110HRS/ANNUAL.
- ADJUSTED IDLE RPM TO 750-800.
- REINSTALLED MUFFLER AFTER REPAIR BY AERO STRUCTURAL SERVICES FAA CRS F8VR2340.
- REPLACED #2 CYLINDER PUSHROD SLEEVE, SEAL, AND VALVE COVER GASKET.
- REPLACED #4 CYLINDER OIL RETURN TUBE WITH NEW PN#73027.
- REPLACED #2 BOTTOM PLUG WITH NEW PN#UREM38S.
- REPLACED #1 CYLINDER INTAKE GASKET WITH NEW PN#71973.
- Researched AD's BIWEEKLY 2022-11(Summary Provided)

I certify that this ENGINE has been inspected in accordance with an Annual Inspection, PER 14 CFR 43 APPENDIX D and was determined to be in an airworthy condition.

Details on file at VAAYU Aero Maintenance under WO# 31313  
FAA Certified Repair Station

No. GK2R118E signed *James E. Ellett*

ONS, TESTS, REPAIRS AND ALTERATIONS  
1 NAME, RATING AND CERTIFICATE NUMBER OF  
EE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

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.)
2022 9/15/22				 VAAYU Aero Maintenance West Houston Airport 18000 Groeschke Rd. Houston, TX 77084

 VAAYU Aero Maintenance West Houston Airport 18000 Groeschke Rd. Houston, TX 77084

DATE: 09/15/2022 N523MW TACH: 3008.14

WORK PERFORMED: COMPRESSION CHECK: 1/75, 2/72, 3/12, 4/76
<ul style="list-style-type: none"> <li>CHANGED OIL AND FILTER PN#AA48108-2 AND SAFETIED. SERVICED ENGINE WITH 7 QTS OF AERO SHELL 100 MINERAL OIL. WASH, RUN, AND LEAK CHECKED. NO LEAKS NOTED.</li> <li>REPLACED #3 CYLINDER WITH NEW P#IO-360-A1A.</li> </ul> <p>I certify that the work performed was carried out in accordance with 14 CFR Part 43.9 and paragraph (b) of 14 CFR Part 43, Appendix B and was determined to be in an airworthy condition. Details on file at VAAYU Aero Maintenance under WO#31313 FAA Certified Repair Station</p>
No. GK2R118E signed <i>JBH</i>
<i>JBH</i>

10/7/22 3037.8

OIL CHANGE SMOH: 1090 CHANGED OIL FILTER AND OIL OIL: Phillips Victory 20W-50 FILTER: AA48108-2 29.7 HRS ON BREAK-IN CYLINDER MINERAL OIL ADDED 6 QTS OIL
- Jon Durman <i>JD</i>

DATE 20 20	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.)
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01-03-22 2939.5

DATE: 01-03-2022  
TACH: 2939.5  
SMOM: ~~100.4~~ 991.7  
CHANGED OIL AND FILTER PN# AA48108-2  
OIL: Phillips Victory 20W-50  
29 HRS RUNTIME ON OIL CHANGE  
ADDED 6 QTS OIL  
- Jon Durham 

DATE 20 20	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.)
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3-02-22

 Cessna  
 VAAYU  
Aero Maintenance  
West Houston Airport  
18000 Goeschke Rd.  
Houston, TX 77084

DATE: 03/02/2022 N523MW TACH: 2952.58

WORK PERFORMED:  
• BORESPECTED ENGINE AND ATTACHED PICTURES TO WORK ORDER PER  
CUSTOMER.  
I certify that the work performed was carried out in accordance with 14 CFR Part 43.9 and paragraph (b) of  
14 CFR Part 43, Appendix B and was determined to be in an airworthy condition.  
Details on file at VAAYU Aero Maintenance under WO# 31125  
FAA Certified Repair Station  
No. GK2R118E signed 

3-18-22 2963.6

CHANGED OIL & FILTER PN# AA48108-2  
OIL: Phillips Victory 100 AW  
5 QTS OIL, 1 QT MARVEL MYSTERY OIL  
24 HRS RUNTIME ON OIL CHANGE  
- Jon Durham 

DATE 19__	RECORDING TACH TIME	TODAY'S 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.)
				<p>CHECKED ENGINE TIMING, CHECKED ALL LINES AND HOSES I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.</p> <p>Don T. M. AEP 3016487 TA</p>

Calkins Aero Service Inc.  
West Houston Airport  
18000 Groeschke Rd.  
Houston, TX 77084

DATE: 10/04/2021 N523MW TACH: 2910.41

**WORK PERFORMED:**

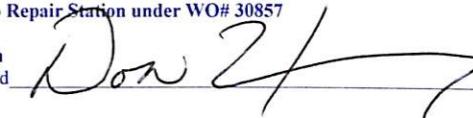
- CHANGED OIL AND FILTER PN#AA48108-2 AND SAFETIED. SERVICED  
ENGINE WITH 7 QTS OF PHILLIPS 20W50 X/C AVIATION OIL. WASH,  
RUN, AND LEAK CHECKED OK.

I certify that the work performed was carried out in accordance with 14 CFR Part 43.9 and  
paragraph (b) of 14 CFR Part 43, Appendix B and was determined to be in an airworthy  
condition.

Details on file at Calkins Aero Repair Station under WO# 30827  
Calkins Aero Service Inc.

FAA Certified Repair Station  
No. GK2R849K signed



DATE 19__	RECORDING TACH TIME	TODAY'S 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.)
				<p><u>Calkins Aero Service Inc.</u> West Houston Airport 18000 Groeschke Rd. Houston, TX 77084</p> <p>DATE: 11/12/2021 N523MW TACH: 2921.13</p> <p><b>WORK PERFORMED: ENGINE</b></p> <ul style="list-style-type: none"> <li>REPLACED #2 CYLINDER OIL RETURN LINE FLARED FITTING WITH NEW PN#MS20823-6D.</li> </ul> <p>I certify that the work performed was carried out in accordance with 14 CFR Part 43.9 and paragraph (b) of 14 CFR Part 43, Appendix B and was determined to be in an airworthy condition.</p> <p>Details on file at Calkins Aero Repair Station under WO# 30857 Calkins Aero Service Inc. FAA Certified Repair Station No. GK2R849K signed</p> <p></p>

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				March 5 2020 Replaced #2 #3 Cylinder Due to low compression. All Work <del>Reform</del> for Lycoming Service Begun Service & Returned to Service. 914.9 smph Engines Run No Problems.

With respect to the work performed  
are on file with New Mexico Aero

Table IV

Fernando Nunez IA/AP 2749192

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with New Mexico Aero Service LLC. under work order: NMA\_WO-437.

Fernando Nunez IA/AP 2749192

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.)
				<p>wo: NMA_WO-437</p> <p style="text-align: right;">Airframe - page 2 of 2</p> <p style="text-align: center;">           New Mexico Aero Service LLC  <small>Licensed • Insured</small> </p> <p style="text-align: center;">New Mexico Aero Service LLC. • (505)307-3918</p> <p>10. Lycoming AD 2017-16-11 Connecting rod small end bushing - N/A per (c)(1) S/N not listed on SB632B Table 1.</p> <p>With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with New Mexico Aero Service LLC. under work order: NMA_WO-437.</p> <p style="text-align: center;">Fernando Nunez IA/AP 2749192 <i>filed w/</i></p>

5-18-21 TACH 2899 TT 2899 CHECKED  
ALL ENGINE CONTROLS AND STOPS  
LUBED AS NEEDED COMPRESSION  
TEST 1) 70/80 2) 75/80 3) 74/80  
4) 72/80 CHANGED OIL AND OIL  
FILTER CUT OLD FILTER NO METAL  
FOUND IN FILTER. CLEANED GRINDER  
AND ROTATED ALL SPARK PLUGS





**CARSON AVIATION SERVICES**  
2640 East College Pkwy  
Carson City, NV 89702  
775-841-0400  
**ENGINE**

DATE: 12/14/16 REG: N523MW MAKE: LYC MODEL: OI360-A1A SN: L-3569-51A  
TACH: 2636.2

Performed a 100 hour inspection IAW Carson Aviation Services Annual/100-Hour checklist which meets FAR 43 appendix D. Drained oil and refilled crankcase with Aeroshell 15W-50 oil. Removed, cut and inspected filter, no problems noted. Timing and compression check okay. Compression 1-72, 2-74, 3-69, 4-73. Cleaned gaped inspected and reinstalled spark plugs.

Jim Cobb  
Troy Creeks A&P3674511A

C/W AD 11-26-04 Fuel injector lines by inspection next due 2736.2

  
Troy Creeks A&P3674511A

I certify that this engine was inspected IAW a 100 hour inspection and was found to be in an airworthy condition.

  
Troy Creeks A&P3674511A

INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
DISHED WITH NAME, RATING AND CERTIFICATE NUMBER OF  
FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)

698.14 TTS MRH

DATE 9/14	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.)
11-10	2618.21	670.14	670.14	TIME SINCE 670.14, 100HR. INT'L FOR ANNUAL CHECKED AD's 2011-26-04 NO DEFECTS COMP-CHECK #1 77 #2 76 #3 78 #4 78, CLEANED, AND ROTATED PLUGS, CHECKED TIMING, CHECKED AND CLEANED SERVO STRAINER.
				I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR. ANNUAL</u> INSPECTION AND IS DETERMINED TO BE AIR WORTHY R. Tremaine 1A1439557
11-10	2.015	689.14	689.14	TACH 4/100HR INT'L FOR ANNUAL. C/W AD REC'D. 9/26-28-11 AND 85-24-03. C/W RD 1015-19-07 ON FUEL LINES PER Lyc 3/2 3 42 G, NO DEFECTS. COMP #1 79/80 #2 78/80 #3 78/80 #4 78/80, CHECKED FUEL SCREEN AND SERVO SCREEN BOTH CLEAN CHECKED TIMING & PLUGS, AND OPS-CHECK → NEXT

DATE 10/15	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.)
	2627	689.14	689.14	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL/100HR INT'L AND IS APPROVED FOR RETURN TO SERVICE R. Tremaine 1A1439557
Nov. 10-15 2627	2015	689.14	689.14	OIL & FILTER CHANGED & AIR CLEANED SERV. BY OWNER R. Tremaine 1A1439557

Air 88 Inc. dba CROWN AIR  
FAA Approved Repair Station #CWNR273K  
3753 John J. Montgomery Dr.

Lycoming Engine  
N523MW  
11-12-12

IO-360-A1A S/N: L-3569-51A  
Mooney M20E S/N: 670013  
Tach: 2562.34 Hrs ACTT: 2562.34 Hrs  
TSO: 614.54 Hrs

**Maintenance Performed:**

- Complied with **Annual Inspection** using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression checks as follows: #1. 76/80 #2. 70/80 #3. 74/80 #4. 74/80
- Changed oil and filter. Serviced with 8 Qts of Aeroshell 15W-50 oil and installed new CH48108-1 oil filter. Washed engine.
- Cut open old oil filter and inspected with no metal contamination found at this time.
- Complied with **AD 2011-26-04** by inspection of fuel injector fuel lines and clamps I/A/W **Lycoming MSB 342F** and no defects noted at this time. Due again @ 2662.34 Hrs Tach or November 2013 whichever occurs first.
- **AD 2012-03-06** is N/A due to no work done on the fuel servo after May 20, 2010.
- **AD 2012-19-01** is N/A due to engine model and crankshaft serial number.
- Removed left magneto and performed 500 Hr inspection. Installed new points P/N 10-382585 and new distributor gear kit P/N ES10-357584. Reinstalled mag using new gasket P/N 62224 and timed to engine. Ground run and mag check is good.
- Retimed right mag to 25 degrees BTDC.
- Removed induction air filter, cleaned and serviced I/A/W K&N Instructions and reinstalled.
- Gained access to #1 induction tube by dropping right side exhaust system. Removed loose induction tube and surfaced mounting flange. Reinstalled using new gasket and o-ring. Tube checks good.
- Replaced all spark plugs with customer supplied spark plugs.

I certify that this **engine** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-12-05937.

100-1000. Details of the repair are on  
  
Authorized Representative

**Authorized Representative**

DATE 2013 10	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.)
10-27-13	25B8.40			CHANGED OIL + FILTER ADDED 8 QT AEROSHELL 15W50 PLUS 8 OZ CAM GUARD Remove Danner 2138313

**Air 88 Inc. dba CROWN AIR  
FAA Approved Repair Station #CWNR273K  
3753 John J. Montgomery Dr.  
St. Louis, MO 63123**

Lycoming Engine	IO-360-A1A	S/N: L-3569-31
N523MW	Mooney M20E	S/N: 670013
11-22-13	Tach: 2594.8 Hrs	ACTT: 2594.8 Hrs
		TSO: 647.0 Hrs

### Maintenance Performance

- Complied with Annual Inspection using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA 105.
- Compression checks as follows: #1. 71/80 #2. 74/80 #3. 71/80 #4. 71/80
- Complied with AD 2011-26-04 by inspection of fuel injector fuel lines and clamps I/A/W Lycoming MSB 342F and no defects noted at this time. Due again @ 2694.8 Hrs Tach or November 2014 whichever occurs first.
- Safety wired old tach drive dust cover.
- Retorqued all rocker cover screws.
- Tightened and safetied dip stick tube.
- Removed left magneto and performed 500 Hr inspection. Installed new points P/N 10-382585 and new distributor gear kit P/N ES10-357584. Reinstalled mag using new gasket P/N 62224 and timed to engine. Ground run and mag check good.
- Removed induction air filter, cleaned and serviced I/A/W K&N Instructions and reinstalled.
- Stop drilled baffle cracks and replaced missing baffle hardware.

I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file with this agency under Work Order No. PA-13-06348.

urn to service. Details of the repair a  
f. C. G. - J. A. DeWitt  
Authorized Representative

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.)
2010				SEPTEMBER 17, 2010 Engine Total Time 2469.29 Hours (TACH: 2469.29) with 521.49 S.M.O.H. Performed compression check; #1 70/80, #2 69/80, #3 73/80, #4 74/80. Checked exhaust system for leaks. Cleaned, gapped and rotated spark plugs. Checked engine controls for security and freedom of movement. Checked magneto timing. Drained oil and checked oil filter and screen for foreign matter - none found. Installed new Champion CH48108-1 oil filter and added 8 quarts of Aeroshell 100W oil. All AD notes checked and complied with - see listing in rear of Airframe Log Book #2.

*Donald E. Poucher*  
Donald E. Poucher  
311368811 A&P

DATE 9/17/10 TIME IN SERVICE 2469.29  
I CERTIFY THAT THIS ENGINE  
HAS BEEN INSPECTED IN ACCORDANCE  
WITH A 100 HR / ANNUAL  
INSPECTION AND DETERMINED TO BE  
IN AIRWORTHY CONDITION THIS DATE  
SIGNATURE *Donald E. Poucher*  
CERTIFICATE NO. 311368811 IA

OCTOBER 01, 2011 Engine Total Time 2511.31 Hours (TACH: 2511.31) with 563.51 S.M.O.H.  
Performed compression check; #1 70/80, #2 72/80, #3 75/80, #4 74/80. Checked exhaust system for leaks. Cleaned, gapped and rotated spark plugs. Checked engine controls for security and freedom of movement. Checked magneto timing. Repaired engine baffling (top right & left.). Drained oil and checked oil filter and screen for foreign matter - none found. Installed new Tempest AA48108-2 oil filter and added 8 quarts of Aeroshell 100W PL15 oil. All AD Notes checked and complied with - see complete listing in rear of Airframe Log Book #2.

*Donald E. Poucher*  
Donald E. Poucher  
311368811 A&P

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.)
2011				DATE 10/01/11 TIME IN SERVICE 2511.31 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR / ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE SIGNATURE <i>Donald E. Poucher</i> CERTIFICATE NO. 311368811 IA

3 FEB 2543.80  
2012  
CHANGED OIL, ADDED 8 QTS. AEROSHELL 10W60  
CHANGED AIRWOLF OIL FILTER  
ADDED 8 OZ CAM GUARD  
RMST - owner 2138313

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 ENTRIES.)
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ENGINE MODEL: IO-360

A1A

ENGINE S/N: L-3569-51A

REG. NO: N523MW

WORK ORDER:

1021-07-2008

Don Maxwell Aviation Services, Inc.

390 Central Road

Longview, Tx 75603

Phone: 903-643-9902

DATE: 7/17/2008

A/C TSN: 2252.68

ENG TT: 2252.68

TSMOH: 304.88

TACH: 2252.68

#### Engine Entries

- (3) Checked compression: 1) 74, 2) 76, 3) 75, 4) 73. Cleaned & gapped plugs. Serviced injectors. Check mag timing & security.
- Change oil & filter.... (12) AD02-26-01 Fuel Injection line, Complied with by inspection and replacement of the large adel clamps....
- (15) AD 2008-06-51 Precision Airmotive LLC Fuel Injection Servo Plug complied with by inspection of Servo Plug and found to be secure.... (26) Secured inner baffling hardware after chasing threads and installing new nuts on #1-#3 cylinder.... (27) Gained access to starter and replaced missing hardware mounting starter to engine.... (28) Tightened and saftied engine dipstick tube.

I certify this engine has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Don Maxwell A&P 1784050

DATE: 7/17/2008

SIGNED:

*Don Maxwell*

Work Order: 1021-07-2008

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ENGINE MODEL: IO-360

A1A

ENGINE S/N: L-3569-51A

REG. NO: N523MW

WORK ORDER:

1122-01-2009

Don Maxwell Aviation Services, Inc.

390 Central Road

Longview, Tx 75603

Phone: 903-643-9902

DATE: 1/20/2009

A/C TSN: 2270

ENG TT: 2270

TSMOH: 322.2

TACH: 2270

#### Engine Entries

- (1) Checked compressions, #1) 75, #2) 70, #3) 73, #4) 76.

Don Maxwell A&P 1784050

DATE: 1/20/2009

SIGNED:

*Don Maxwell*

Work Order: 1122-01-2009

Printed by EBis 3 (datcomedia.com)

DATE 2009 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.)
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#### AUGUST 01, 2009 Engine Total Time 2378.20 Hours (TACH: 2378.20) with 430.40 S.M.O.H.

Performed compression check; #1 70/80, #2 70/80, #3 65/80, #4 71/80. Checked exhaust system for leaks. Cleaned, gapped and rotated spark plugs. Checked engine controls for security and freedom of movement. Checked magneto timing. Drained oil and checked oil filter and screen for foreign matter - none found. Installed new Kelly ES48108-1 oil filter and added 8 quarts of Aeroshell 100W oil. All AD notes checked and complied with - see listing in rear of Airframe Log Book #2.

*Donald E. Poucher*

Donald E. Poucher  
311368811 A&P

DATE	8/1/09	TIME IN SERVICE	2378.20
I CERTIFY THAT THIS ENGINE			
HAS BEEN INSPECTED IN ACCORDANCE			
WITH A 100 HR / ANNUAL			
INSPECTION AND DETERMINED TO BE			
IN AIRWORTHY CONDITION THIS DATE			
SIGNATURE <i>Donald E. Poucher</i>			
CERTIFICATE NO. 311368811 IA			

DATE: 19.  
ENGINE MODEL: IO-360  
A1A  
ENGINE S/N: L-3569-51A  
REG. NO: N523MW  
WORK ORDER:  
640-06-2006

Don Maxwell Aviation Services, Inc.  
390 Central Road - East Texas Regional Airport  
Longview, Texas 75603  
Phone: 903-643-9902

DATE: 6/14/2006  
A/C TSN: 2178  
ENG TT: 2178  
TSMOH: 230.2  
TACH: 2178

ONS  
NUMBER OF  
ENTRIES.)

DA: 19.  
ENGINE MODEL: IO-360  
A1A  
ENGINE S/N: L-3569-51A  
REG. NO: N523MW  
WORK ORDER:  
733-11-2006

Don Maxwell Aviation Services, Inc.  
390 Central Road - East Texas Regional Airport  
Longview, Texas 75603  
Phone: 903-643-9902

DATE: 11/15/2006  
A/C TSN: 2202 48  
ENG TT: 2202 48  
TSMOH: 254.68  
TACH: 2202 48

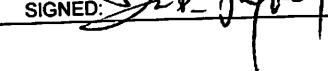
ONS  
NUMBER OF  
ENTRIES.)

#### Engine Entries

(3) Checked compression. Cleaned & gapped plugs. Serviced injectors. Check mag timing & security. Change oil & filter.... (9)  
(27) Induction tubes on #1,2 & 4 leaking. Resecured tubes and sealed  
AD02-26-01 Fuel Injection line, Complied with by inspection.... (27) Induction tubes on #1,2 & 4 leaking. Resecured tubes and sealed  
with RTV. Tubes may need replacement

I certify this engine has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Don Maxwell A&P 1784050

DATE: 6/14/2006

SIGNED: 

Work Order: 640-06-2006

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#### Engine Entries

(1) Removed left mag, found capacitor ground strap had been soldered on at an angle and was grounding inside of cap. Replaced capacitor, reinstalled mag. Ops check good... (2) Removed exhaust system. Replaced old style intake tubes with new style using new gaskets & seals. Install exhaust.... (4) Change oil with 8 qts Aeroshell 100W and Champion CH48109-1 Filter with oil sample taken.

Don Maxwell A&P 1784050

DATE: 11/15/2006

SIGNED: 

Work Order: 733-11-2006

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ENGINE MODEL: IO-360  
A1A  
ENGINE S/N: L-3569-51A  
REG. NO: N523MW  
WORK ORDER:  
850-07-2007

Don Maxwell Aviation Services, Inc.  
390 Central Road - East Texas Regional Airport  
Longview, Tx 75603  
Phone: 903-643-9902

DATE: 7/18/2007  
A/C TSN: 2227.21  
ENG TT: 2227.21  
TSMOH: 279.41  
TACH: 2227.21

ONS  
NUMBER OF  
ENTRIES.)

#### Engine Entries

(3) Checked compression #1-63, #2-64/56, #3-65/56, #4-66/60. Cleaned & gapped plugs. Serviced injectors. Check mag timing & security. Change oil with 8 qts Aeroshell 100W & Champion CH48108-1 filter.... (10) AD 02-26-01 Fuel line inspection. Complied with by inspection.

I certify this engine has been inspected in accordance with a 100 hr. inspection and found in an airworthy condition. Don Maxwell A&P 1784050

DATE: 7/18/2007

SIGNED: 

Work Order: 850-07-2007

Printed by EBis 3 (datcomedia.com)

DATE 2005	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.)
4-6-05	Tach 2117.26	Removed Engine IO-360-A1A s/n L-3569-51A From AC N523MW for Service. J. B. Farley 449219488994		
5-3-05		REPLACED CRACKED c/case with New Superior Air Parts, Inc. CANNONSGAR Ann. Seal Assy. P/N 5L36800-011. INSTALLED New MAIN BROS P/N 5L13884 M03 AND 5L16711 M03, New Aircon Cooling Nozzles P/N 73772, SEALS, GASKETS AND O-RINGS. LOG Book Turn To Continue.		
		Pertinent details of the repair are on file at this agency under work order No. 021678 Date MAY 3 '05 Signed <i>Heeley J. B.</i> for Columbia Aircraft Services, Inc. Bloomsburg, Penna. FAA R.S. JM2R930K		

DATE 4-9 2005	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.)
5-20-05	2117.37	2117.37		Reinstalled Engine IO-360-A1A s/n L-3569-51A onto AC N523MW (see prior page for work repair) refilled engine w/ 8qt mineral oil, cleaned & gapped plugs, New air filter C1448109, Set Engine Controls (travels), c/w AD 02-26-01 Injector lines by insp. Due again next annual/maint./tach 2217.37 AD's checked thru Be weekly 2005-09, Engie ground run up + flight test O.K. —

I certify that this Engine has been  
inspected I/A/W Annual and determined  
to be in Good condition. Details on  
file under W.O. # 4620 Total Time 2117.37  
Signed J. B. Farley Date 5-20-05  
Freeway Airport, Inc. 3000 Church Rd  
Mitchellville, MD 20721 CMA # PEAR141Q

DATE 2003 19	RECORDING TACH TIME	TODAY'S 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.)
9-30	2029.89			<p>Engines &amp; W L-3569-51A Disassembled And Inspected After Prop Strike. No Damage Found Due To Prop Strike. Engine Reassembled with Reconditioned Cam, New Hrs Bolts, New Main And Pin Bolts, New Pin Bushings, New Piston Coating Nozzles; New Oilite Gear Box, Cyl's Holes And New Links Fit To Baffles, New Valve Retaining Keys, Seats, Gaskets And O-rings. C/w AD 91-14-22 By Inspecting Former Pn 13819646 And Installing New Bolt Pn STD-22-46, Torqued And Locked Per Lyc 5.B. C/w AD 96-09-16 By Inspecting Oil Pump Gears Pn Lw-18109 &amp; Lw-18110 (Steel Gears) And Re-installing Same. C/w AD 90-04-06 P/nw STEEL LINE And Fitting Inspected And Re-installed. C/w AD 2002-26-01 By Inspecting F.I. Lines And Re-Certified And Re-installed. Engine Test Run And Found Satisfactory. Transient Hrs 10 And Yellow Tag's Box Of 100 Break. To Be Replaced To Continue.</p> <p>Pertinent details of the repair are on file at this agency under work order No. 020986</p> <p>Date SEPT 30 2003 Signed, Seattle Avntx</p> <p>for Columbia Aircraft Services, Inc. Bloomsburg, Penna. FAA R.S. JM2R930K</p>

DATE 19	RECORDING TACH TIME	TODAY'S 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.)

### Annual Inspection

Aircraft: N 3220F Make: Mooney Model: M20E Tach Hours: 2029.89 Total Hours: 2029.89

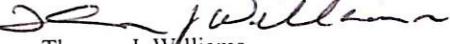
1. R/R ENGINE SENT OUT FOR PROP STRIKE TEAR DOWN INSPECTION, BY COLUMBIA AIRCRAFT SERVICES, INC. WO # 020035.
2. R/R PROP GOVERNOR OVERHAULED BY SENENICH PROPELLER CO., WO# 212431.
3. R/R GENERATOR OVERHAULED BY AEROTECH, WO # 71320.
4. CRANKCASE FILLED W/ AEROSHELL 40WT MINERAL OIL.
5. ENGINE GROUND RUN CHECKS SAT.
6. FLIGHT TESTS SAT.
7. ADs CHECKED THROUGH BIWEEKLY 2004-02

END

Freeway Airport, Inc.  
3900 Church Road  
Mitchellville, MD 20721  
CRS: FK8R141Q



I Certify that this Engine has been Repaired and Inspected in accordance with an Annual Inspection and found to be in airworthy condition. Details are on file under work order number 4412

Signed:   
Thomas J. Williams

Date: 2-1-04

DATE 2003 17	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.)
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3/21/03	1987.27			Installed REIFT Corp Hci Strips engine HEATERS FAA-PMA NO. PQ2585CE in accordance with INSTALLATION INSTRUCTIONS OPS CK's good Paul Weller AP 186583335
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3/21/03	1987.27			Installed Airwolf Remote Oil Filter KIT Number AFC-K007 STC Number SA00024NY ALL WORK DONE I.A.W. INSTALLATION INSTRUCTION and AC- 43.13 Ground RAN ALL INDICATIONS NORMAL NO LEAKS noted Paul Weller AP 186583335IA
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3-21-03	1987.27			Changed Oil and Filter Installed Ch48109 Filter and Serviced with 8qt AeroShell Mineral oil SAESO Ground Raw NO LEAKS Paul Weller AP 186583335
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DATE 2003 17	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.)
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8-7-2	2029.89			Removed this Engine from Aircraft N3220F Mooney M20F SN 670013 for Inspection due to prop strike Bruce Pek APP 26790246
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DATE 2002 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.)
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07-08	1947.8			I Certify That this <u>ENGINE</u> Has Been Inspected I/A/W A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition Robert A. Norman A/P 298664021 IA
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09-07-02	1949:49			Removed Defective Hantzell Prop - Installed Replacement Hantzell Prop PN HC-C3YR-1RF / F7282 SN DY5547B - I/A/W Installation Manual #115N, Checked Flange Run out .000 Installed Spinner & Test Run All ops Normal Robert A. Norman A/P 298664021
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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.)
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<b>STEINER AVIATION INTERNATIONAL, INC.</b>									
MFG <u>Mooney</u> MODEL <u>M20E</u> AC/S# <u>670013</u> AC/N# <u>N3220F</u>									
1600 Triplet Boulevard Akron, Ohio 44306 CRS V4NR896Y									
DATE <u>11-1-02</u> WO# <u>1147</u> T.T. <u>1960.9</u> T.L. <u></u>									
Changed oil cleaned oil screen Softived and Serviced with 30W mineral oil (Aero Shell) Ground Run no leaks noted									
<b>MAINTENANCE RELEASE</b>									
The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order Number <u>1147</u>									
Date <u>11-1-02</u> Time <u>1500 1960.9</u> Signed <u>Paul Wier</u> AAF 18658335									
STEINER AVIATION INTERNATIONAL, INC. V4NR896Y 1600 TRIPLET BOULEVARD AKRON, OHIO 44306									

DATE 2002 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.)
06-01-02	1947.8			<p>4ea SL 16740A Exhaust Valves, 4ea SL 13997-3 Keepers</p> <p>4ea SL 13998-3 Valve Rotors, 4ea SL 13622 Intake Valves, 4ea Wiper Intake Valve Spring Retainer PN SL 72050 Valve Seats (Intake), 4ea SL 10207 Pistons</p> <p>4ea SL 13444-1 Piston Pins, 4ea SL-5401SC Ring Set</p> <p>For Chrome Barrels - ENGINE was Reassembled using All new gaskets - Seals &amp; O-Rings as Required</p> <p>Re-installed the following Equipment 1ea AC Fuel Pump</p> <p>1ea Prop Governor, Both Magneto, 1ea Starter</p> <p>1ea Generator, 1ea Servo &amp; 1ea Flow divider</p> <p>8ea Servicable Spark Plugs, 4 LW 7372 oil nozzles</p> <p>1ea MS 20823-6D Elbow, 1ea oil Pressure Tower</p> <p>PN SL 77808, 1SL 61084 spring for oil Pressure Both Ignition Harness. Inspected injector lines &amp; Clamps</p> <p>I Certify that this engine has been overhauled</p> <p>I/A/W Lycoming Overhaul Manual PN 60294-7.</p> <p>Robert A. Norman A#P298664021-#</p>

DATE 2002 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.)
06-25	1947.8			<p>Re-installed ENGINE IN Mooney M20E N3220F using All new Boney ENGINES Manarts PN 94011-02</p> <p>Rigged All ENGINES Controls, Serviced with 8pts Aerostall 40/80 mineral oil. Re-installed Hartzell HC C3XR-IRF SN DY 5196B, &amp; spinner. Test RUN ENGINE</p> <p>I/A/W Lycoming ST 1427B. Set oil Pressure</p> <p>Adjusted Idle mixture.</p> <p>C/W AD 91-IV-22 Crankshaft Gear &amp; Bolt.</p> <p>93-02-05 Injector lines &amp; Clamps</p> <p>96-09-10 Oil Pump Impellers (Carbized &amp; nitride) installed</p> <p>Applicable AD's C/N # C/W thru 2002-13F</p> <p>I Certify that this engine is in an airworthy condition this date. Robert A. Norman A#P298664021-#</p>

DATE 2001 19	RECORDING TACH TIME	TODAY'S 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.)
07-16-01	1939:14			<p>Compression checked #1 <math>\frac{7}{8}</math> 80 #2 <math>\frac{7}{8}</math> 80 #3 <math>\frac{7}{8}</math> 80 #4 <math>\frac{7}{8}</math> 80. Cleared</p> <p>&amp; Gapped Spark Plugs - Timing CKD. (No oil change, owner Changed oil @ ) Inspected oil Screen</p> <p>Inspected Exhaust, &amp; Induction, Inspected Injector Lines &amp; Clamps - Washed ENGINE &amp; Cowling Down. Greased &amp; Dressed Prop.</p> <p>C/W AD 93-02-05 Injector Lines &amp; Clamps By Insp. (100 hrs) (3-23-1996)</p> <p>96-09-10 Oil Pump Impellers P/C/W @ 1795.6</p> <p>Applicable AD's CKD &amp; C/W thru 2001-13F</p> <p>I Certify That this <u>ENGINE &amp; Prop</u> Has Been Inspected by A <del>100</del> Annual Inspection And Has Been Determined To Be In An Airworthy Condition</p> <p>Robert A. Norman A#P298664021-#1</p>

DATE 2002 10	RECORDING TACH TIME	TODAY'S 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.)
04-01-02	1947.8			<p>Removed ENGINE From mooney m120 E N 3220F For major Overhaul. Robert A. Norman A#P298664021-#1</p>
06-01-02	1947.8			<p>Disassembled &amp; Cleaned &amp; Inspected ENGINE Parts. Sent. Crankshaft, Camshaft, Cam Followers, Connecting Rods All Rocker Arms, All Gears &amp; Internal Steel Parts to Aircraft Specialties Services For Overhaul &amp; Repair. See yellow Tags this Book For Details. Sent Cylinders &amp; Head to Hurricane ENGINE Service For Overhaul. See Green Tags this Book For Details. Sent Crankcase to Aircos For Overhaul. See Tag For Details. Reassembled ENGINE using the following new Parts. See SL 12186 Rod Bolts See SL 75060 Rod Bolts, See SL 74309-M03 Rod Bearings 4ea SL 11020-M03 main Bearings, 2ea SL 13884 M03 large main Bearings. 1ea STD-2213 Crankshaft Bolt. 1ea Reground Camshaft. See Reground Lifters PN 72877 1ea modified Crankshaft Gear. Cont next page →</p>

DATE 2000 19	RECORDING TACH TIME	TODAY'S 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.)
7-11-2000	1923:42			<p>Compression Checked #1 <math>\frac{74}{80}</math> #2 <math>\frac{73}{80}</math> #3 <math>\frac{73}{80}</math> #4 <math>\frac{73}{80}</math></p> <p>Timing CKD. Cleaned &amp; Capped Spark Plugs - Changed oil &amp; Inspected Screen - Serviced with Lgts</p> <p>Aeroshell 50/100 w/ see owners Entry on A Couple Pages Previous! Dated 7-8-00. Inspected Injector Lines &amp; Clamps, Inspected Induction &amp; Exhaust System. Greased &amp; Dressed Plaza - Washed ENGINE &amp; Cooling Down -</p> <p>C/w AD 93-02-05 Injector Lines &amp; Clamps Applicable AD's CKD &amp; C/w thru 2000-14-1</p> <p>I Certify That this <u>Engine &amp; Prop</u> Has Been Inspected I/AW A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition</p> <p><i>Robert Norman</i> A/P298664021JA</p>
	Smooth	854:42		



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.)
19-99				
21-99	1885:37			<p>Compression checked #1 <math>\frac{7}{8}</math> #2 <math>\frac{73}{80}</math> #3 <math>\frac{74}{80}</math> #4 <math>\frac{75}{80}</math></p> <p>Removed left mag. Disassembled and cleaned. Installed New oil seal, starting &amp; running points PW</p> <p>10-382585 &amp; 10-382584 - Reinstalled @ 25°</p> <p>CKD RT mag @ 25°. Cleaned &amp; gapped spark plugs</p> <p>No oil change. Inspected screen. Removed starter for repairs. Installed new brushes</p> <p>in generator. Reinstalled both &amp; tested ops OK.</p> <p>Greased prop - washed engine &amp; cowling down</p> <p>Dressed prop. Inspected injector lines &amp; clamp</p> <p>I/A/W AD 93-02-05 (Injector)</p>
SMOK	816:37			<p>AD 98-17-11 Crankshaft cracking N/A</p> <p>Applicable AD's CKA &amp; C/W thru 99-13M</p> <p>I Certify That this ENGINE &amp; Prop Has Been Inspected I/A/W A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition</p> <p>Robert J. Norma</p> <p>ADP 298664921 TA</p>

DATE 19-97	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.)
4-5	1804.66		735.66	<p>Searff Deferenced annual inspection IBA/u</p> <p>Money manit annual and checklist. No oil leakage. Cleaned oil screen. Cleaned Repaired spark plug. checked induction and exhaust systems. Clew AD 93-02-05 fuel in. Line insulation Aircraft test flown. Operation normal. checked all AD's thru 97-06.</p>
<p>I certify that this aircraft and equipment has been inspected In accordance with a <u>Annual</u> Inspection and was determined to be in <u>good</u> condition.</p> <p>Work Order No. <u>9882</u> Date <u>4-5-97</u></p> <p>Authorized Signature <u>John M. Bly</u></p> <p>Southeastern Ohio Air Service, Inc. P. O. Box 663 650 Airport Road Zanesville, Ohio 43702-0663 F.A.A. Repair Station No. DXGR322D</p>				

DATE	RECORDING TACH TIME	TODAY'S 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 98				
16-10	1809:20	1809:20		Compression Checked #1 $\frac{73}{60}$ #2 $\frac{75}{60}$ #3 $\frac{68}{60}$ #4 $\frac{72}{60}$ Timing CKD @ 25° - Cleaned Spark Plugs - Changed o.t & Inspected oil screen - Serviced with 7qts Aeroshell 15/W50 - Inspected Exhaust & Induction System Washed ENGINE & cowling Drains - Lubed all ENGINE Controls - Dressed Prop Blades - c/w AD 93-02-05 Injector lines By <del>709</del>
Smooth	740:20			Next Due 1909:20 98-02-08 Crankshaft Failure N/A
				Applicable AD's CKD & c/w thru 98-11M
				I Certify That this <u>ENGINE</u> <del>&amp; Prop</del> Has Been Inspected I/A/W A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition
				<u>Robert A. Norman</u> A#P298664021 IA

DATE 1996	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.)
3-23	179816			COMPLETED WITH LYCOMING S.B. 524 by replacing sintered iron oil pump impellers P/N 78532 & LW-14038 with Lycoming Kit P/N OSK19423-S Oil Pump Impeller Kit. New seals and gaskets used. Replaced cylinder base seal on #2 cylinder due to oil leak. Engine test flown. Ops. normal. Installed new P/N SL53E19600 vent/heave valve Fabricated all new engine hoses.
				This aircraft and/or component was repaired and inspected in accordance with the current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency number: Work Order No. 2234 Date 3-23-96 <i>Reyn A. May</i>
				Authorized Signature _____ Cert. No. _____ Southeastern Ohio Air Service, Inc. P.O. Box 663 850 Airport Road Zanesville, Ohio 43702-0663 F.A.A. Repair Station No. DXGR393D

DATE 1995	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.)
12-27-95	TACH 1790.46	721.46 SMOH		LOGBOOK ENTRY
<p>Performed annual inspection. Removed spark plugs and performed differential cylinder compression test. All cylinders except #2 were at least 70/80 or better. Removed #2 cylinder due to ring blow-by. Valves removed and inspected. Reground and lapped. Piston cleaned, inspected, and reinstalled with new ring set and p/n 60828 piston pin plugs. Cylinder reinstalled using new gaskets.. Installed 8 - new REM38E spark plugs. Installed all new exhaust and intake gaskets. Installed all new STD 1821 intake hoses and gaskets. Installed new RG-67193 silicon valve cover gaskets. Drained oil and cleaned oil screen. Added 8 qts. Aeroshell 100 Non-Det oil. C/W AD 90-04-06 by installing new oil line with steel fittings and 1- MS20822-6 &amp; 74070 steel fittings. Removed fuel injectors and cleaned. C/W AD 93-02-05 Fuel Injector line inspection. Inspected both magnetos to verify compliance with AD 94-01-03 Bendix Magneto Coil and Magnet Inspection. Installed new coil and p/n 10-52945 magnet in RH magneto. Retimed magnetos to engine. Washed engine down and lubricated all engine controls. Inspected exhaust system and muffler. Removed oil cooler and flushed. Fabricated 2 new oil cooler lines. Inspect engine mounts. Performed ground run-up. Operations normal. Researched ADs and updated AD listing in back of logbook. All ADs thru Biweekly 95-25 checked.</p>				
<p>I certify that this aircraft and engine has been inspected in accordance with <u>FAA AC 100-43</u>. Inspection and was determined to be in airworthy condition.</p> <p><u>John A. Raley</u> <u>IA 278508932</u> <u>W.O. # 3449</u></p> <p>Mechanic <u>6</u> Cert. No. <u>6</u> Southeastern Ohio Air Service, Inc. P.O. Box 673 850 Airport Road Zanesville, Ohio 43702-0673 F.A.A. Repair Station No. DXGR393D</p>				

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.)
1985 7/1/85		1754.94	1754.94	<p>SMOH 658.94 hrs, Run Compression Check,  <math>\#1 - 75/80 - \#2 - 75/80 - \#3 - 75/80 - \#4 - 40/80</math>          Remove #4 Cylinder - Replace Rings &amp;          Grind Valves &amp; Seats - Replace all Seats          &amp; Gaskets - Repair Top Baffle &amp; Left rear          Baffle - I CERTIFY THAT THIS AIRCRAFT          HAS BEEN INSPECTED in accordance with a          100 hr. Inspection &amp; was DETERMINED to be in          Airworthy Condition. Group 1          Robert E. Browning AEP 1224447</p>

7/1/85 Date 1754.94 Tach Time

I certify that this aircraft has been  
 Inspected in accordance with 100 hr.  
 Inspection and was determined to be in  
 Airworthy condition.

IA 309070 William M. Browning

William M. Browning

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.)
1987 6-19	1770.8			<p>Total Hours 1770.8</p> <p>Oil Changed ✓ Heater Muff Ck. ✓ Plugs Cleaned &amp; Gapped ✓</p> <p>Oil Screen Cleaned ✓ C. b. Air Heater Ck. ✓</p> <p>Fuel Screen Cleaned ✓ Eng. Mt. Ck. ✓ Mags Ck. ✓</p> <p>Air Filter Cleaned ✓ Eng. Wiring Ck. ✓ Eng. Washed ✓</p> <p>Compression check <math>\#1 - 75/80 - \#2 - 78/80 - \#3 - 78/80 - \#4 - 74/80</math> Install new pending on starter</p> <p>I certif. that this engine has been inspected in accordance with          an annual inspection and was determined to be in airworthy          condition. William E. Nickle</p> <p>This date June 19, 1987 IA 1782926 William E. Nickle</p>

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.)
19-84				

CYLINDER NO.					
1	2	3	4	5	6
78	70	75	72		
80	80	80	90		

CO TACH K

ENGINE - CHANGED OIL, CLEANED SCREEN, CHANGED FILTER, CHECKED AND CLEANED SPARKPLUGS, CHECKED COMPRESSION, CHECKED FUEL SYSTEM, CHECKED JUMPS, CHECKED STARTER, AND GENERATOR BRUSHES. CHECKED MADS AND TIMED PROPERLY, CHECKED PROP FOR LEADS AND GREASE, CHECKED ENGINE CONTROLS. ENGINE RUN UP AND LEADS CHECKED.

DATE 11-1-84 TACH 1670.2 601.

I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN  
INSPECTED IN ACCORDANCE WITH A Annual  
INSPECTION AND DETERMINED TO BE IN AIRWORTHY  
CONDITION. OTHER DETAILS OF THIS INSPECTION

ARE ON FILE AT THIS FACILITY UNDER NO. 1634  
APPROVED REPAIR STATION NO. 367-12

INSPECTOR: Thomson Spencer  
SPENCER AIRCRAFT MAINTENANCE, INC.  
EMILY MEMORIAL AIRPORT - BUTLER, PA

9-19 1113.1

RECHANGED OIL CLEARED AIR FILTER  
AERO SHELL 50 7955

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.)
19-85				

3/5/85 1742,65 — 1742,65 5MOH 673.6.5 Hrs. CHANGE Oil - CLEAN SCREEN-  
WASH ENGINE-(AEROSHELL W40) - CHECK FOR OIL LEAKS -  
Replace lower gaskets -  $\#2 \frac{1}{2} \frac{1}{4}$  Cyls. - Remove Tail Pipe  
for repair (TEMPORARY) - UNABLE TO GET CORRECT  
New Tail Pipe From Mooney - Replace ABSORBER &  
TRAIL PIPE HANGER - Replace CRANKSHAFT OIL SEAL -  
Remove & ReInstall Prop after 0/4 & C/W AD  
77-12-06 (See Prop. Log) Clean & GND Sparkplugs -  
Comp. Check =  $\#1 - 75 \frac{1}{2}$  -  $\#2 - 79 \frac{1}{2}$  -  $\#3 - 75 \frac{1}{2}$  -  $\#4 - 78 \frac{1}{2}$  -  
4 1/4 CYL. SHOULD BE CHECKED AGAIN SOON -  
Robert E. Spencer, NAF 1224447

3/29/85 1751,03 — 1751,03 Remove Right MAGNETO - REPLACE COIL - Points  
CONDENSER & OIL SEAL - ReInstall & TIME TO  
ENGINE - INSTALL 4 EACH CHAMPION OEM 38E  
MARK PULSES IN LOAKER POSITION -  
Robert E. Spencer NAF 1224447



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.)
1979				

10-25 1922 any given 100 hr eng oil changed  
installed new hoses from oil radiator to rear case  
installed complete new muffler and exhaust system

I certify that this Aircraft eng

has been inspected in accordance  
with annual inspection and determined  
to be in Airworthy Condition.

Date 10-25-79 Tach Time 1922. Total Time 15.4

Thomas Spencer AP 1658830 FA

9-22-80 1564.0 1564.0 ANNUAL insp. Changed oil & cleaned screen.  
Checked comp., mag timing & pts. Fuel injection  
B.H. by B+S Aircraft, (See A.D. compliance in rear of book)  
Replaced all rocker gaskets, Dressed prop & painted face.  
"I certify this engine has been inspected I.A.W. of Tom Winter  
a annual inspection and found to be airworthy." A&P 1898473 I.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.)
1981				

10-7 1614 any given 100 hr eng compressor checked  
top plugs cleaned lower plugs were new at 1609 hrs  
exhaust checked eng controls checked oil screen cleaned  
prop checked and serviced engine washed down survey  
checked normal

I certify that this Aircraft eng

has been inspected in accordance  
with annual inspection and determined  
to be in Airworthy Condition.

Date 10-7-81 Tach Time 1614. Total Time 5.45 smth

Thomas Spencer AP 1658830 FA

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.)
4-10-75	1069.0	1069.0		Engine given major overhaul. Crankcase cleaned, zygloed and straight main brg. dowels installed, all steel parts magna fluxed, work done by K.C. Flying Serv. wo # 15731. Cyls. reworked all new ex. valves and guides installed. New LW 11754 camshaft + lifters installed. New LW 10646S con. rods installed. New LW 10207S pistons (std.) and rings. All new main + rod brgs. (std.). New oil pump parts installed 78532 gear, LW 14038 gear, 61174 shaft, 78528 body. Generator, replaced both brgs. and brushes and 1927843 plate. Replaced pts., cond., and seals in both mags. Turned starten comm. and replaced bushings. Installed new ign. harness. Prop O.H. by Foster Prop. Serv. wch 2174. Engine filled with 8qts. Shell 40m mineral oil. Run in on ground and test flown by owner, all o.K. "I certify this ENGINE has been inspected I.A.W. <sup>of</sup> Tom Winters ANNUAL inspection and found to be airworthy." A+P 1898473 I.A. A.D. listing in rear of this book.

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.)
5-29-76	1177.0	1177.0		Annual inspection. Changed oil + cleaned screen. Replaced all spark plugs. "I certify this ENGINE has been inspected I.A.W. <sup>of</sup> Tom Winters ANNUAL inspection and found to be airworthy." A+P 1898473 I.A.
7-7-77	1263.0	1263.0		Annual inspection. Changed oil + cleaned screen, replaced one rocker cover gask. replaced all ex. gaskets. Dressed prop. "I certify this ENGINE has been inspected I.A.W. <sup>of</sup> Tom Winters ANNUAL inspection and found to be airworthy." A+P 1898473 I.A.
9-22-78	1417.0	1417.0		Annual insp. Changed oil + cleaned screen, checked comp., cleaned + gapped spark plugs. Replaced all ex. gaskets with blo-proof type. "I certify this ENGINE has been inspected I.A.W. <sup>of</sup> Tom Winters ANNUAL inspection and found to be airworthy." A+P 1898473 I.A.

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming MODEL IO-360 A1A

SERIAL L-3569-51A TYPE CERTIFICATE

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT Mooney N3220F N523MW

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

MONNEY AIRCRAFT, INC.

ENGINE LOG

LOG 1

## PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
11-27-74	Tack reads 1057	filed nick and dressed prop blades due to aircraft condition report from FAA dated 10-22-74.			
		from 9Wintec Typ P 1898473			

## ENGINE LOG

## PROPELLER INSPECTION AND REPAIRS

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
4-16-71	Tach. Read 5						922.41				
	Charged oil + cleaned + checked										
	screen. Cleaned + good spark										
	plugs. Filled + painted propo										
	W/ SB 327 Lycoming. Found to										
	be airworthy.										
	I certify that this <u>engine</u> has been inspected in accordance.										
	with a <u>100 hr</u> inspection and was determined to be airworthy.										
	DATE <u>4-16-71</u>								TACH <u>922.41</u>		
	TOTAL TIME <u>922.41</u>								K. C. PIPER SALES, INC.		
BROUGHT FORWARD									711A 913 STATE 2-3122		
TOTALS	NAME <u>Arthur D. K. C. P. 19910416</u>							for R.R. 2	Olathe, Kansas		
									... P-nair Station <u>334</u>		

## ENGINE LOG

## ENGINE LOG

## ENGINE LOG

## ENGINE LOG

Changed Oil & filters Mobil 100. Test. CK & Clean Oil screen. Cleaned Gapped  
Plugs. Cyl Bleed Done. OK for all cycles. Timing CK retimed left mag.  
points OK. Dressed & Painted Prog. All wiring, hoses, & tubing OK. Gen & Starter  
BROUGHT FORWARD Brushes OK. ACFT Run up & CK OK, mag drop to 50 RPM R. 25 RPM  
TOTALS Static 2700 RPM All Test. Normal. *David Martin*  
4481661220

## ENGINE LOG

## ENGINE LOG

DATE	R. P. M.	TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		Ground	Air	Hours	Min.	Hours	Min.			
7-31-68										

7-31-68 Tech time 532.67 100hr inspection completed this date  
checked oil, checked oil filter (screen) & fuel  
screen, removed & plugs, cleaned, reassembled & tested.  
Block down ck 7880 on 4 cyl. others 8486. dressed  
& pointed prop. cleaned eng. & inspected Eng & Access  
areas. Found 1/2" tube leak. Fixed 50% used in eng.  
I certify that this Engine has been inspected  
in accordance with a 100hr inspection and was determined  
to be airworthy.

TOTAL TIME 532.67

BROUGHT FORWARD AMC John G. Riley

TOTALS John G. Riley

No. AFP 1672584

Box 366A 913 State 2-3122  
R.R. 2 Olathe, Kansas

FP-HART  
Aviation Inc.  
Aircraft Sales & Service

## ENGINE LOG

DATE	R. P. M.	TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		Ground	Air	Hours	Min.	Hours	Min.			
7-31-68	T.T.	532.67	ACFT	Run-up	AFTer	100hr	Tapp			

7-31-68 Tech time 532.67 ACFT Run-up AFTer 100hr Tapp  
And checked OK. Mag ck 50 RPM Drop 14R. static  
2700 RPM No oil or Fuel leaks noted. All instruments  
Normal.

Daniel J. Carlile  
AFP 1661220

8-19-68 Tech time 5166.39  
oil changed refilled with 7 qts motor  
oil 50W

John G. Riley  
AFP 1672584

BROUGHT FORWARD

TOTALS

## GINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	DATE
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.				
6-21-68									Changed Oil & Repilled with 7 gal Mobil Aero 450, cleaned Oil Screen. Total Tech Time 445.0 William Ebelin At P1801387			71 A
7-3-68									Changed Oil & Repilled with 7 gal Mobil Aero 450. Total Tech 417.3 William Ebelin At P1801387			

## ENGINE LOG

## ENGINE LOG

DATE	R. P. M.	TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		Ground	Air	Hours	Min.				
6-14-68	100 Hr	Completed	This Date Repaired						
		Alt. Spark Plugs with REM. 381 Inspected							
		Starter + Gen brushes Bleed Down OK #1 80% #2 60% #3 80% #4 80% Pulled #2 cylinder +							
		Reground Intake valve + seat Reinsfied cyl							
		With New Rings + Gaskets. Inspected Intake +							
		Exhaust system ALL lines fitting + Baffling.							
		OK Mag points + Engine Tining Drained oil +							
		Re-filled with Tex Mobil Aero #50 OK Screen							
		+ Dressed + painted prop							
BROUGHT FORWARD									
TOTALS									

DATE	R. P. M.	TIME ON GROUND		TIME IN AIR		TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		Ground	Air	Hours	Min.				
Run up 11291700									
RF 70 15 75									
STATIC 2700									
CC Test OK									
Flight Test									
OK									
WE									
BROUGHT FORWARD									
TOTALS									

ENGINE LOG

Run up 11291700 I certify that this engine has been inspected and in accordance with 100hr inspection and was determined to be airworthy.

Engine 100hr Inspection and was determined to be airworthy.

NAME: G. Collier, Del. - Aircraft Sales & Service  
Box 366A 913 State 2-3122  
R.R. 2 Olathe, Kansas

DATE: 6-14-68 1387

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
53-26-68	I certify that this		<u>ENGINE</u>						has been inspect-		
	ed in accordance with a <u>ANNUAL</u> inspection								and was determined		
	to be airworthy.										
									3-25-68		
	TOTAL TIME <u>351.21</u>										
	NAME <u>William W. Ebbeler</u>								<u>ERIHART</u> <u>Aviation Inc.</u>		
	No. <u>IAI 1260700</u>								Aircraft Sales & Service Box 366A R.R. 2	913 State 2-3122 Olathe, Kansas	
	5-6-68		Changed Oil & Repilled with Tgt.								
			Mobil Gear #52						Tach Time 339.1		
									<u>William W. Ebbeler</u>		
	BROUGHT FORWARD										
	TOTALS										

## ENGINE LOG

## ENGINE LOG

## ENGINE LOG

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
10-26-67									Oil changed 7 Qts Mobil Aero 50wt. Replaced one REM 38 E plug. Compression #1 8 1/2 #2 8 1/2 #3 8 1/2 #4 8 1/2 screens OK Sumps, drained dressed & painted prop. Washed down engine & controls. Starter & Gen. Brushes OK. Mount. Battery, controls, lines & hoses OK.		
									I certify that this <u>ENGINE</u> has been inspect- ed in accordance with a <u>100.94</u> inspection and was determined to be airworthy.		

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER		
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.					
7 11 67	TACH	30.00	Replaced Field & Hsg Assembly on STARTER										
7 20 67	TACH	70.00	changed oil 7 QTS Mobil 50 atc AD.										
BROUGHT FORWARD													
TOTALS													

