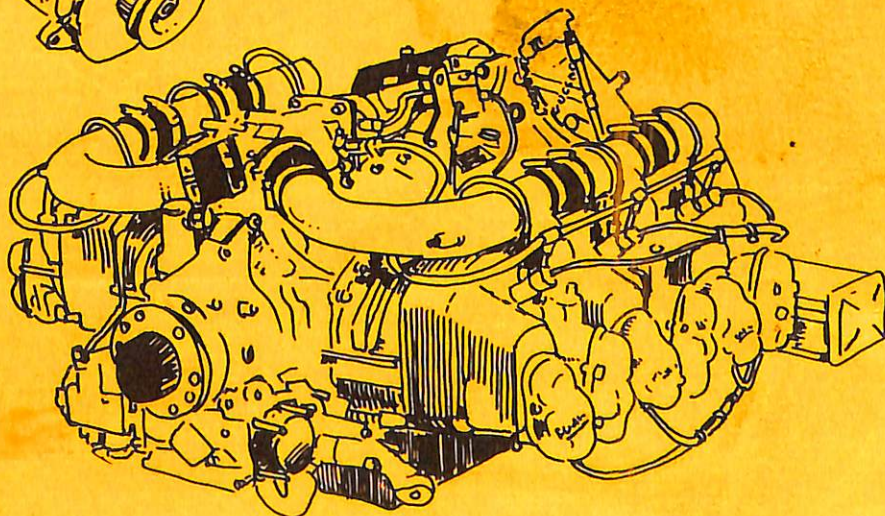
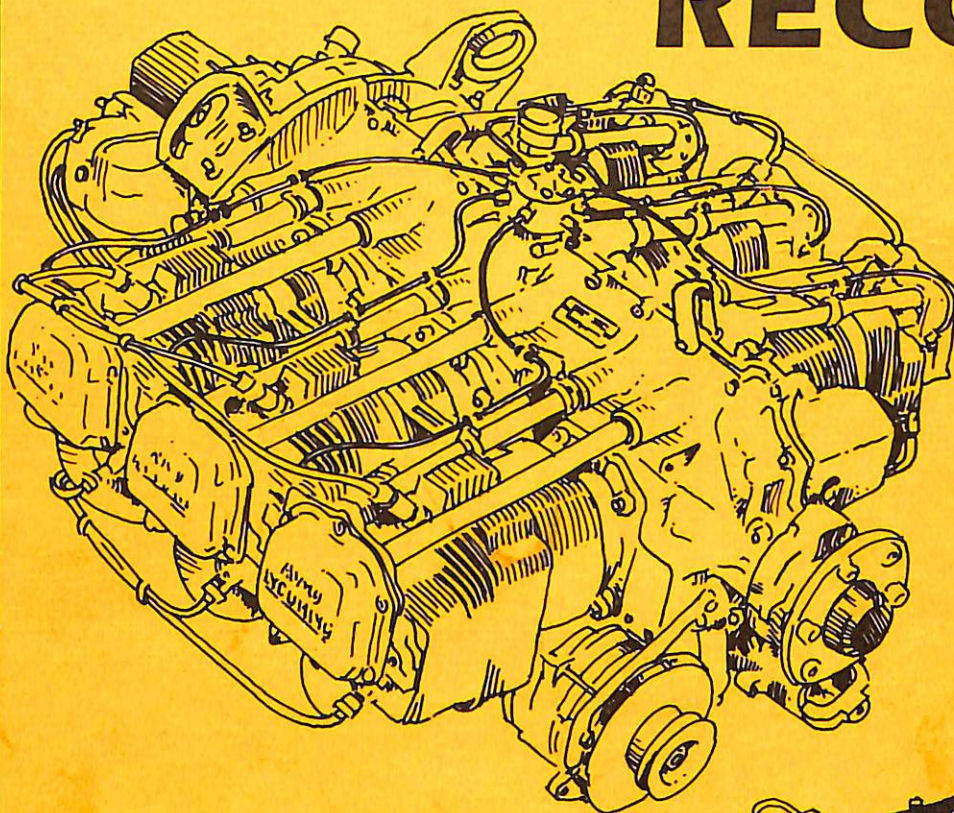


ENGINE LOG # 3

ENGINE MAINTENANCE RECORDS



1-800 624-6680

(In NY 516-298-8330)

MATTITUCK AVIATION CORPORATION
410 AIRWAY DRIVE, MATTITUCK, NY 11952

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
05-18-19	3425.84	698.04	1675.43	TOTALS brought forward from previous page
05-18-19	3474.07	746.27	1723.66	CHANGED ENGINE AND OIL FILTER. SERVICED WITH 6.5 QTS OF AEROSHELL W100 SAE50. INSTALLED CHAMPION CH48110-1 FILTER. CLEANED AND RAN ENGINE, NO LEAKS NOTED.
				PRIVATE PILOT # 3941623
				MICHAEL MARTIN
Date: 01-18-2020 Registration number: N2689W Tach: 1757.25 Engine: IO-360-A1A Eng S/N: L-2006-51A ETSMOH: 779.86 ETT: 3507.66 Performed an 100 hour inspection on the Engine per 14 CFR 43 appendix D. Checked cylinder compression #1 77/80 #2 76/80 #3 77/80 #4 76/80. Checked Magneto to engine timing, and adjusted LH magneto to 20 degrees BTDC. Removed, cleaned, inspected and re-gapped spark plugs P/N REM38E. Inspected ignition harness. Drained oil and removed filter, inspected old filter no metal found. Installed new oil filter P/N CH48110-1 and serviced with Aeroshell W100. Cleaned and inspected fuel injectors. C/W AD 2015-19-07 by inspection of fuel injector lines and clamps. Next due at 1857.25 tach. Engine run-up, and leak check satisfactory. I certify that this engine has been inspected and serviced in accordance with an 100 hour inspection and was determined to be airworthy at this time and date. Lloyd Batiste A&P 3566881				
Date: 04-01-2022 Registration number: N2689W Tach: 1828.85 Engine: IO-360-A1A Eng S/N: L-2006-51A ETSMOH: 851.46 ETT: 3578.85 Performed an 100 hour inspection on the Engine per 14 CFR 43 appendix D. Checked cylinder compression #1 76/80 #2 76/80 #3 75/80 #4 76/80. Checked Magneto to engine timing. Removed, cleaned, inspected and re-gapped spark plugs P/N REM38E. Inspected ignition harness. Drained oil and removed filter, inspected old filter no metal found. Installed new oil filter P/N CH48110-1 and serviced with Aeroshell W100. Cleaned and inspected fuel injectors. C/W AD 2015-19-07 by inspection of fuel injector lines and clamps. Next due at 1928.85 tach-time. Replaced #4 cylinder fuel line with new. Engine run-up, and leak check satisfactory. I certify that this engine has been inspected and serviced in accordance with a 100 hour inspection and was determined to be airworthy at this time and date. Lloyd Batiste A&P 3566881				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				Date: 11-18-2022 Registration Number: N2689W TACH: 1861.21 Engine: IO-360-A1A Engine S/N: L-2006-51A ETSMOH: 883.52 ETT: 3611.62 Removed starter and installed New Starter P/N 149NL & S/N H-W063783 – Drained oil and removed engine oil filter – Installed new engine oil filter P/N CH48110-1 and serviced with Aeroshell W100 engine oil. Ground run and leak check were satisfactory. Lloyd Batiste A&P 3566881
ENGINE MODEL: IO-360-A1A ENGINE S/N: L-2006-51A REG. NO: N2689W WORK ORDER: 1096-06-2023 GoldStrike Aircraft Services 2705 Airport Dr North Las Vegas, NV 89032 Phone: (702) 899-1150 DATE: 9/12/2023 A/C TSN: 3627.97 ENG TT: 3627.97 TSMOH: 900.58 TACH: 1877.97 Engine Entries - I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. - Changed oil and filter. Cut open filter and checked for metal, none found. Serviced with 8 qts. of Aeroshell W100. Oil sample taken. Engine run and leak check good. - Compressions: 1/71 2/72 3/73 4/72 /80 PSI. Master orifice: 42 PSI - Removed, cleaned, and reinstalled fuel injector nozzles IAW Lycoming SSP-1776-5 Standard Practice Manual chapter 5. - Removed all spark plugs, and installed new spark plugs IAW Lycoming SSP-1776-5 MM Section 5. - Complied with AD 15-19-07 External fuel injector lines inspection. Next due at tach 1987.97. The aircraft and/or component(s) on N2689W was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details and any inspection packages are on file at this facility under work order number 1096-06-2023. DATE: 9/12/2023 SIGNED: Mark Blackwood, A&P: 4484732 Work Order: 1096-06-2023 Printed by EBis 3 (datcomedia.com)				
1/27/2024 Tach: 1893.43 N2689W Removed cowling, removed doghouse cover, inspected engine, removed spark plugs, preformed compression check. Results as follows #1 78/80 #2 79/80 #3 78/80 #4 78/80. Installed spark plugs. Removed oil filter and cut open for inspection. Installed new AA48110-2 oil filter. Ran up engine for leak test. No leaks noted. Installed dog house cover and cowling. This engine is returned to service for work preformed.END Zack Morrison A&P2887425IA				
Engine IO-360-A1A S/N L-2006-51A Date 9/2/2024 TTSN 3668.6 TACH 1918.6 TSMOH 941.2 HOBBS TSPOH Compression: 1 78, 2 77, 3 78, 4 78, cleaned and gapped spark plugs, CW AD 2015-19-07 "fuel injector lines" per MSB342G- ok, washed engine with solvent and ran up- all systems check good- no leaks noted. I certify that this engine has been inspected in accordance with an annual inspection and found to be in an airworthy condition. SIGNED: Kevin Booth A&P/IA 2764111				

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
7-24-16	3170.68	443.38	1420.68	TOTALS brought forward from previous page
				Changed engine oil and filter and serviced with 7 1/2 quarts Aeroshell W100 50wt. and Champion 48110-1 oil filter. Lubricated tach drive cable.

11-09-2016 N 2689W 1445 hrs ACT TACH

S/N 1006 M20E

Serviced and inspected in accordance with FAR 43 appendix D

Compression test 1. 76/80 2. 75/80 3. 78/80 4. 76/80 ~~5. 78/80 6. 78/80~~ Engine test run and found ready for return to service. Changed oil and replaced filter added 12 qts Aero Shell 100

I certify that this Aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition.

William W Stukenholtz A&P 505849929 IA

William W Stukenholtz

9-8-17	3225.7	443.38	1475.7	Installed factory overhauled Right Stick Mag see W/O M09162 Engine Test run and found ready for return to service William W Stukenholtz A&P 3251832
11-4-17	3225.7	443.38	1475.7	Serviced and inspected in accordance with FAR 43 appendix D and Mooney Service manual Inspected fuel injection Per AD 2015-19-07 Part C) Fuel OK not due 3325.7 hrs Compression test 1. 75/80 2. 76/80 3. 78/80 4. 74/80 I Certify that this Power Plant has been inspected in accordance with an annual inspection and was found to be in an airworthy condition
				SUB-TOTALS this page William W Stukenholtz A&P 3251832 IA
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
11-18-17	3246.52	519.22	1496.52	CHANGED ENGINE OIL & FILTER. SERVICED WITH 7 QTS PHILLIPS XC ZOW-50. INSTALLED CHAMPION CH48110-1 OIL FILTER. CLEANED AND RAN ENGINE. NO LEAKS NOTED. PRIVATE PILOT #3941623 MICHAEL MARTIN
02-09-18	3297.76	570.46	1547.76	CHANGED ENGINE OIL & FILTER. SERVICED WITH 6.5 QTS PHILLIPS XC ZOW-50. INSTALLED CHAMPION CH48110-1 OIL FILTER. CLEANED AND RAN ENGINE. NO LEAKS NOTED. PRIVATE PILOT #3941623 MICHAEL MARTIN
05-09-18	3351.33	624.03	1601.33	CHANGED ENGINE OIL & FILTER. SERVICED WITH 6.5 QTS OF AEROSHELL W100 SAE50. INSTALLED CHAMPION CH48110-1 FILTER. CLEANED & RAN ENGINE. NO LEAKS NOTED. PRIVATE PILOT #3941623 MICHAEL MARTIN

12/14/2018
ETT 3425.84

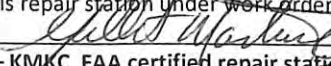
N2689W

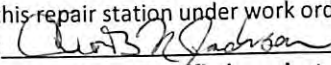
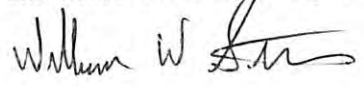
Tach 1675.43
ETSOH 698.04

Performed an 100 hour inspection on the Engine per CFR 43 appendix D, using the Against The Wind LLC. checklist. Drained oil and removed filter, inspected old filter no metal found. Installed new AA48110-2 filter and serviced with Aeroshell W100. Checked cylinder compression: #1 78/80, #2 77/80, #3 77/80, #4 77/80. Checked magneto to engine timing. Removed and replaced sparkplugs, installed new sparkplugs P/N REM38E. Removed and replaced rocker cover gaskets. Installed new gaskets P/N RG-67193. Tightened clamp on rocker box drain lines. Complied with AD 2015-19-07 by inspection of fuel injector lines. Due again at Tach 1785.43 Adjusted magneto to engine timing to 20° BTDC.

I certify that this engine has been inspected in accordance with an 100 hour inspection and was determined to be airworthy at this time and date

Edward Fandrich
Edward Fandrich A&P 3453275

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									
2-3-15	3101.51	374.21	1357.51	TOTALS brought forward from previous page									
				Changed engine oil and serviced with 7 qts. Aeroshell W100-50wt.									
3-20-15	3101.51	382.25	1359 hr	Serviced and inspected in accordance									
				With FAR 43 appx D and Mooney Service manual									
				Compression 1. 74/80 2. 76/80 3. 75/80 4. 76/80									
				Inspected fuel injection lines for AD 2008-14-07 found OK									
				Next due 1459 hrs. I Certify that this power plant									
				has been inspected in accordance with an annual									
				inspection and was found to be in an airworthy									
				Condition William W. A&P 3251832 IA									
TECHNICAIR Aircraft Maintenance FAA Aviation Charles B Wheeler Downtown Airport 701 NW Lou Holland Dr. Kansas City MO 64116 <table border="1"><thead><tr><th>ENGINE</th><th>S/N</th><th>L-2006-51A</th></tr></thead><tbody><tr><td>REG. NO.</td><td>DATE:</td><td>TACH</td></tr><tr><td>N2689W</td><td>7/14/2015</td><td>1382.93</td></tr></tbody></table> -Reinstalled fuel servo after repair, Model RSA-5AD1, PN: 2524054, SN: 11064/38. Performed ground run, checked mixture setting, idle speed, and performed high power ground run. Operational and leak check satisfactory at this time. Repair accomplished by Aircraft Accessories of Oklahoma, Tulsa, OK, CRS# RV3R829L, WO # 12209. -Cleaned and inspected fuel gascolator screen. No abnormal debris found. This article was repaired in accordance with the current regulation of the Federal Aviation Administration. It was found to be airworthy with respect the work performed and is approved for return to service. Pertinent details are on file at this repair station under work order: MKC-15-008313. Inspectors Signature:  Gil Martinez Signature TechnicAir – KMKC FAA certified repair station AKGR142C					ENGINE	S/N	L-2006-51A	REG. NO.	DATE:	TACH	N2689W	7/14/2015	1382.93
ENGINE	S/N	L-2006-51A											
REG. NO.	DATE:	TACH											
N2689W	7/14/2015	1382.93											
SUB-TOTALS this page				TOTALS—Carry forward to next page									

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK									
				TOTALS brought forward from previous page									
TECHNICAIR Aircraft Maintenance FAA Aviation Charles B Wheeler Downtown Airport 701 NW Lou Holland Dr. Kansas City MO 64116 <table border="1"><thead><tr><th>ENGINE</th><th>S/N</th><th>L-2006-51A</th></tr></thead><tbody><tr><td>REG. NO.</td><td>DATE:</td><td>TACH</td></tr><tr><td>N2689W</td><td>8/26/2015</td><td>1387.06</td></tr></tbody></table> Installed rebuilt fuel servo, Model RSA-5AD1, PN: 2524054, SN: 73FT1501, from Precision Airmotive, Marysville, WA, CRS# PQ0111NM, WO # 052674. Performed ground run, adjusted idle mixture for 25 RPM rise at shutdown, and set idle speed to 750 RPM. No leaks noted at this time. This article was repaired in accordance with the current regulation of the Federal Aviation Administration. It was found to be airworthy with respect the work performed and is approved for return to service. Pertinent details are on file at this repair station under work order: MKC-15-008387. Inspectors Signature:  Chris Jackson Signature TechnicAir – KMKC FAA certified repair station AKGR142C					ENGINE	S/N	L-2006-51A	REG. NO.	DATE:	TACH	N2689W	8/26/2015	1387.06
ENGINE	S/N	L-2006-51A											
REG. NO.	DATE:	TACH											
N2689W	8/26/2015	1387.06											
11-10-15	1390		Tach Time	The propeller tips were damaged in a landing accident. Propeller removed and replaced with new Hartzell propeller. Engine inspected per AD 2004-10-14 effective June 25 2004 and MSB 475c dated January 30 2003. Crank shaft gear removed and inspected by Central Cylinder service. Crank run out found to meet new limits. New crank bolt installed. See work order. New crank bolt and dowel installed. Engine test run and found ready for return to service.									
				William W Stukenholtz A&P 3251832 IA 									
4-16-16	1411.5 hrs		Compression test	1. 74/80 2. 72/80 3. 74/80 4. 73/80									
				I Certify that this power plant has been									
				inspected in accordance with an annual									
				inspection and was found to be in									
				an airworthy Condition									
				William W. A&P 3251832 IA									
SUB-TOTALS this page				TOTALS—Carry forward to next page									

DATE 02-5-2013

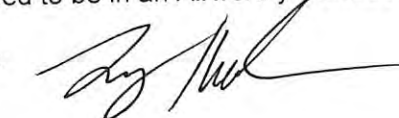
N: N2689W

TACH: 1317.7

Drain oil. Check and change oil filter. Clean, gap and rotate spark plugs. Inspect cylinder wall for corrosion. Clean, inspect and reinstall fuel injector nozzles. Check and lubricate engine controls. Refill sump with 8 qts 15W50 Aeroshell oil. Pre oil engine. Wash off engine. Run up checks satisfactory.

Larry Hallock
A&P 2239535

Professional Aircraft Services
4824 Earhart Rd, Loveland, CO 80538
970-679-4633

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
December 10, 2013 Lycoming IO-360-A1A S/N L-2006-51A Tach: 1324 TSMOH: 347 TTE: 3078 Check Compression, 1-76/80, 2-72/80, 3-75/80, 4-77/80, check magneto timing, cleaned and gapped spark plugs, cleaned and inspected fuel injector nozzles, changed oil and filter, 8qts Aeroshell 15w-50, CH48110, remove and inspected fuel servo screen, remove and reinstalled muffler and tail pipe for repair by Dawley Aviation per WO 108969 dated 9/20/2013, see Maintenance Release tag this date, replaced exhaust gaskets, wash engine and lubed engine controls, run engine and check operation, inspect for leaks.  Larry Mack A&P521909995				
DATE:02-01-2014 N: N2689W TACH: 1324.5 ENGINE: Lycoming IO-360-A1A S/N: L-2006-51A TSMOH: 347.11 Complete Annual inspection. All engine controls and systems inspected in accordance with FAR 43 App.D. and checklist. Compression checks: #176 /80, #2 78/80, #3 77/80, #4 78/80. Check and set magneto to engine timing. . Check and lubricate engine controls. Comply with AD 2008-14-07 by inspection of fuel injection lines and clamps, next due @ 1424.5. AD's researched through B/W 2014-03 for applicability. Wash engine and cowling. Engine run up checks were satisfactory. I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an Airworthy Condition. Larry Hallock IA 2239535  Professional Aircraft Services 4824 Earhart Rd, Loveland, CO 80538 970-679-4633				
DATE: 12-8-2014 N: N2689W TACH: 1344.07 Complete compression check, #1 78/80, #2 76/80, #3 75/80, #4 78/80. Take oil sample. Remove and change oil filter, Cut, inspect oil filter, filter checked satisfactory. Add 1 qt. Aeroshell 15W50. Run up checks satisfactory. Larry Hallock A&P 2239535  Professional Aircraft Services 4824 Earhart Rd, Loveland, CO 80538 970-679-4633				
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

	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
7-8-04	2979.0	251.7	1229.0	Cleaned GAPPED AND Reinstalled PLUGS, Changed ENG. oil (Aeroshell 15w-50) Installed new 48110 filter and Cleaned Suction Screen. Performed Hot Diff Press test: #1 78/80 #2 76/80 #3 76/80 #4 75/80. C/w AD 2002-26-01 SB 342D Vis insp Fuel ins Lines/clamps due next @ 3079 TR / 1324 tach. Ran Engine , all leak checks and operational Checks Complied With R.Matta APP 26441709.
8-12-04				Removed Defective Oil Thermostatic Valve Pln 63E2214Y and Replaced with New unit, Same Pln. Also Replaced Chomp 48110-1 Filter, ran eng. All Parameters Normal. RMatta APP 26441709
8-9-05	3007.69		1257.69	Cleaned & Gapped 4 Spark Plugs, installed 4 new PLUGS Rem 38 E. Drained oil, Replaced OIL Filter 48110. Performed Hot Differential Test, RESULTS #1 76/80 #2 76/80 #3 76/80 #4 76/80. c/w AD 2002-26-01 SB 342D By visually inspecting fuel INS Lines and Clamps, due next @ 1357 tach. Ran engine, All leak checks and Operational checks c/w. R. Matta APP 26441709
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
7-7-06	3019.42		1269.42	Installed original Overhauled Prop Governor PIN HL SN 1583V AND New Top Prop 3 Blade Conversion model HC-C34R-1RF/F723A Prop SN DY 1615B Hub A81346B Blade SN's K 38935; K 38941; K 38931 JAW STC SA 4529 W.M. See FAA Form 337 Dated 7-7-06. Cleaned, Gapped, Plugs, changed Engine oil (Aero Shell 15W50) installed 48110 Filter, cleaned Suction Screen. Diff Comp Results ① 78/80 ② 76/80 ③ 74/80 ④ 74/80. Clw AD 2002-26-01 SIB 3420 Vis insp Fuel ins. Lines/clamps, Due next @ 3119 TT (1369 TACH). Ran engine, all operational checks and Leak checks Complies with

R. Malta
AOP 3108826

1. Approving National Aviation Authority Country		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. System Tracking Ref. No.	
FAA / UNITED STATES				29720	
4. Organization Name and Address Rocky Mountain Propellers, Inc., 2865 Airport Drive, Erie, CO 80516 USA FAA FR6R545N - EASA.145.4827				5. Work Order, Contract, or Invoice Number 29720	
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Qty	11. Serial / Batch Number
1	Hartzell Governor	H-1	N / A	1	1583V
12. Status / Work Overhauled					
13. Remarks Overhauled governor in accordance with Hartzell Service Manual #130B, Rev. 8. Complied with Service Letters thru HC-SL-61-61Y, and Service Bulletins thru 148L. No AD's currently apply. Next Overhaul Due: Engine TBO, but not to exceed 2400 hours.					
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 12 / 13 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 FAA FR6R545N and EASA Approval Number. EASA 145.4827					
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.			19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Part 14. Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
15. Authorized Signature	16. Approval / Authorization No.	20. Authorized Signature	21. Approval / Certificate No. FR6R545N		
17. Name (Typed or Printed)	18. Date (m/d/y)	22. Name (Typed or Printed) Dave Hampel	23. Date (m/d/y) Jun 27, 2006		
User / Installer Responsibilities If it is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly. Where the user / installer performs work in accordance with the national regulations of an Airworthiness Authority different than the airworthiness authority of the country specified in block 1, it is essential that the user / installer ensures that his / her airworthiness authority accepts parts / components / assemblies from the airworthiness authority of the country specified in block 1. Statements in block 14 and 19 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.					

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[illegible][illegible]

MATTITUCK AIRBASE, INC. / Limited Piston Engine Warranty

Effective 2/5/88, Mattituck Airbase, Inc., (hereinafter called "MAB"), makes the following warranty to its customer, subject to the limitations, conditions and exclusions set forth below.

WARRANTY COVERAGE - For a period of six (6) months after date of delivery to customer, or 240 hours of operation, whichever occurs first, MAB shall repair or replace, at its option, any aircraft engine, accessory, or part which is found to be defective, to MAB's satisfaction, within said warranty period.

For engine warranty after six (6) months from date of delivery to customer and prior to the expiration of the original manufacturer's recommended time between overhaul ("TBO"), the cost of repair or replacement (including the cost of parts and labor), at MAB's option, shall be prorated in the following manner. The customer shall pay the net price for a newly rebuilt engine equal to the current list price for the engine divided by the manufacturer's recommended TBO, and then multiplied by the number of hours on the repaired or replaced engine (which shall be deemed the greater of the actual logbook hours, recorded tachometer hours or time at forty (40) hours per month from the date of delivery). Reasonable labor costs associated with the repair of a warranted engine shall be prorated in the same manner on the basis of a flat rate schedule established by MAB.

After the initial six (6) months from date of delivery or 240 hours of operation, MAB will not assume any responsibility for the repair or replacement of engine accessories, e.g. magneto, starter, alternator, ignition harness, turbocharger, etc.

Replacement parts supplied for warranted engines still covered by manufacturer's warranty are supplied on an exchange basis. MAB will pursue warranty claims with the manufacturer on the owner's behalf. Any allowance by the manufacturer will be credited to the operator's account.

The repair or replacement of any part under the foregoing warranty shall not extend the periods of warranty coverage set forth above. MAB reserves the right to change the price or specifications of any engine or part at any time.

CONDITIONS AND PROCEDURES FOR OBTAINING WARRANTY WORK - The foregoing warranty shall be effective only if the engine or component to be serviced is returned to MAB's facility at customer's expense, together with particulars in writing of the nature of the defect. The customer or his representative should contact MAB for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from MAB before repairs covered by warranty can be

performed other than by MAB. In no event shall allowable labor costs exceed local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine returned for warranty work. Defects must be discovered within the warranty period and MAB must be given prompt notice thereof in writing, within ten (10) days after discovery.

LIMITATION, EXCLUSIONS, AND DISCLAIMERS - MAB shall not assume freight charges, transportation or delivery expenses, costs, or airframe repairs, all of which are excluded under this warranty. MAB does not warrant parts, materials or services supplied which are covered by manufacturer's warranty. This warranty shall not apply to any engine which has been subject to misuse, neglect, accident or damage from the elements, or which has been installed, repaired or maintained or altered in any manner which, in the judgement of MAB, has had an adverse effect on the engine or part. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine which has been repaired or altered, in any manner other than by MAB, or its representative.

THE FOREGOING WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED ARISING BY OPERATION OF LAW OR OTHERWISE, INCLUDING WITHOUT LIMITATION THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE WHICH WARRANTIES ARE HEREBY EXCLUDED. MAB liability hereunder shall be limited to the repair or replacement of any engine or part found to be defective within the applicable warranty period as set forth above. IN NO EVENT SHALL MAB BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR ECONOMIC LOSS OF ANY NATURE WHETHER ARISING IN CONTRACT OR TORT, INCLUDING STRICT LIABILITY ON TORT OR NEGLIGENCE ON THE PART OF MAB. The foregoing limitations and exclusion with respect to implied warranties and the exclusion of incidental or consequential damages may not apply in those states which prohibit such limitation or exclusions. This warranty gives customer specific legal rights, and the customer may have other rights which vary from state to state.



Airway Drive
Mattituck, N.Y. 11952
Tel: (516) 298-8330

Work Order No. 15150

Engine Serial No. L-2006-S1A

ENGINE MAINTENANCE RECORDS

EWG Log No. 3

Aircraft Registration No. N2689W

Engine Manufacturer Textron Lycomings

Model IO-360A1A

Serial No. L-2006-S1A

Date installed on aircraft 12-16-1998

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right ☐ Left
☐ Front ☐ Rear

TACH TIME + 1750 = TOTAL TIME

ENGINE LOG

Book #2 N2689W

INSPECTION & MAINTENANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-9-94	739.65 TACH 2489.65 TOTAL	At this time Drained oil and added 700 Phillips XC 20-W/50 Removed oil filter and cut open and Inspected for Contamination, none found, Installed new 48110 Champ filter. Installed 3 new Rem 38e Champion plugs, Lubed propeller and Cowl Flaps and engine Controls. Cleaned Fuel Injector Inlet Screen. Performed Differential Compression as follows #1 80/77 #2 80/77 #3 80/78 #4 80/77 Tuned Magnets to engine, Performed AD 94-06-09 Capacitor check N/A by PLW and AD 94-01-03R1 (Amntr 39-4001) Magneto Coil & Magnet Inspection N/A by SLW's (S-200 MAGS SLW's 905743 & 909735) and AD 76-02-12 MAG Ion Switch Grounding. Also Complied with AD 90-04-06R1 by visually inspecting Prop Governor Link and AD 93-02-05 by visually inspecting fuel Injector Lines. Ran Engine, operationally checked and leaked checked (Good). I Certify that this engine has been Inspected DAW Annual Inspection and was determined to be in an Airworthy Condition. Robert M. H. ATP 2614174 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/9/95	TACH 811.59 TT 2561.89	OIL CHANGED AND NEW FILTER INSTALLED 89TS P41111DS 20-50 NEW AIR INTAKE FILTER INSTALLED (BRACETT) SPARK PLUGS CLEANED AND REGAPPED. COMPRESSION CHECKED #1 80/80 / #2 79/80 #3 80/80 / #4 80/80 I certify that this aircraft/engine has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthiness condition. Date <u>10/9/95</u> Time in service <u>TE 2561.89 (TACH 811.59) 1478 SHWH</u> Name <u>Raymond E. Madecus</u> Applicable AD notes c/w thru <u>95-19</u>
2/26/96	826.57	Installed new Slick ignition harness (M-2364) at this time by Airflyte mechanic (Shamus M.) CHL

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/11/92	TACH 596:49 TOTAL 2346:49	At this time Drained Engine oil and Removed oil filter. Installed New Champion 48110 filter and 7 QTS Phillips X-Country 20W-50 oil. Ran engine and Complied with leak checks. C.H. Lewis 1206348
9/14/92	TACH 618:85 TT 2368:85	Visually inspected engine/propeller J.A.W Mooney m/m M20 series 100 Hr (Aurora) checklist. Cleaned inspected and gapped plugs Reinstalled same. Removed & Replaced Air Inlet Filter - C/W AD 76-07-12 MAG Switch Grounding check - Performed Differential compression test @ $1 \frac{11}{80}$ #2 $7 \frac{16}{80}$ #3 $7 \frac{16}{80}$ #4 $7 \frac{16}{80}$ I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in a airworthy condition 1206348 I.A. 46524730 See Attached sheet in back of log for AD Listings.
8/2/93	Tach time 677:04 Total time 2427:04	Change oil and Filter - put in 7 quarts Phillips 20/50 X-Country oil and new Champ. 48110 Filter Ran engine and Complied w/ leak Checks C.H. Lewis 1206348

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/28/93	TACH TIME 681:43	Install new GILL 35 AMP BATTERY C.H. Lewis 1206348
9-20-93	Tach Time 683.26 2433.26	Visually inspected engine/propeller J.A.W Mooney m/m M20 series Annual checklist. Performed Hot Differential compression Test #1 $1 \frac{11}{80}$ #2 $7 \frac{16}{80}$ #3 $7 \frac{16}{80}$ #4 $7 \frac{16}{80}$ Removed/Replaced Air Inlet Filter. C/W AD 93-02-05 visual inspection of Fuel injector lines - and AD 76-07-12 MAG switch Ground check Both AD's due at next Annual Insp. I certify that this engine/propeller has been inspected J.A.W a Annual Inspection and was determined to be in a airworthy condition 1206348 I.A. 46524730

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/21/91	TACH 553:19 TOTAL TIME 2303:19	AT THIS time Performed the following work IAW Mooney Maint. Manual and Textron Lycoming Maint. Manual. Removed Spark PLUGS, cleaned, GAPPED & Reinstalled, Checked MAGNETO timing, Cleaned Fuel injector inlet Screen, Drained oil, Installed new champion 48110 oil filter, Cut-open old filter and Inspected. ADDED 8 QTS PHILIPS 20W-50 oil. Lubricated Propeller, and Cowl Flaps, Mixture Control, Throttle Control, and Prop Control, and Alternate Air Control. Replaced the Fuel Pump to Fuel Injector flexible Hose, PLW 111417-650250 strato-flex, Replaced the Fuel injector to Fuel Distributor ^{flexible} Hose PLW 111417-450174 strato-flex. Replaced the fuel Distributor to Firewall flexible Hose PLW 111417-350462 strato-flex and the Firewall to Engine block oil Pressure hose PLW 111417-350154 strato-flex. Replaced Brackett Air filter PLW BA6305 with new filter. Cleaned Engine Compartment, Ran Engine, leak checked Good, all Engine Parameters Normal. Complied with AD 76-07-12 Mac Switch grounding. Stephen Matto ATP 26441709

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/21/91	TACH 553:19 TOTAL TIME 2303:19	I Certify that this Engine Has Been Inspected in accordance with an ANNUAL Inspection and was Determined to Be in an Airworthy Condition. Hot Differential Compression Results: #1 74/80 #2 74/80 #3 74/80 #4 76/80 See updated AD listing in back of Engine Log Stephen Matto IA 26441709
5/9/92	TACH 595:30 TOTAL TIME 2345:30	At this time, Complied with AD 90-04-06 R1 (Amendment 39-6915) by Installing a New Prop Governor oil Line PLW 75730 and fittings PLW 74070 and PLW MS20822-6. Ran Engine and operationally checked Propeller and leak checked line. All work done IAW Textron Lycoming Maint. Manual and Mooney Maint. Manual. All systems inspected by maintenance have been operationally checked. No Further Action Required by this AD. Stephen Matto ATP 26441709

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-13-90	TACH 492.69	Inspected propeller governor oil
AFTT	2242.69	line per AD 90-04-06 dated
		2-15-90. Found line properly
		installed and made of aluminum
		with aluminum fittings. Oil line and
		fittings due to be changed at
		next removal on engine overhaul
		Dan J. Potts ATP #1969618

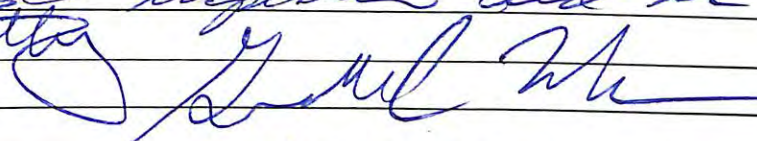
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-1-90	TACH 508.87	TOTAL TIME 2258.87
		Installed 4 NEW REM38E CHAMPION PLUGS in TOP
		CYL'S, Cleaned and GAPED lower PLUGS, INSPECTED MAGNETO
		Points, TIMED MAGS to ENG. Performed Hot Differential
		Compression check 1 $7\frac{1}{8}$ 2 $7\frac{5}{8}$ 3 $7\frac{1}{8}$ 4 $7\frac{1}{8}$. Drained
		Sump, Replaced oil filter (Chamco 48110) and inspected for
		Contaminants (none found) and added 8oz Phillips 20-50
		Inspected fuel injector inlet screen, muffler, engine mounts,
		Lubricated Propeller and checked blade tracking, Lubricated
		engine controls, cowl flaps. Cleaned Engine Compartment
		Ran Engine, leak checked GOOD, performed MAGNETO ^{AD 26-7-15} grounding
		check. All Parameters Normal. Richard Matto ATP 26441209
		I Certify that this ENGINE has been INSPECTED
		IN ACCORDANCE WITH AN ANNUAL INSPECTION
		AND was Determined to be in an Airworthy Condition
		SEE updated AD listing in back of Log. Book.
		Richard Matto
		IA 26441209

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-7-88	2130 T.T.	Engine inspected in accordance with an Annual inspection. Replaced Crankshaft seal Post inspection run up satisfactory I certify this engine has been inspected in accordance with an annual inspection and has been determined to be <u>airworthy</u>  FA 95447799
7/2/88	1066.84 S.M.O.H.	AIR FILTER ELEMENT CHANGED - BRACKETT PART NO BA. 6305 (ELEMENT) C.H.L. (ENGINE AIR-FILTER SYSTEM)

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-1-89	2196.11 T.T.	Annual inspection on this date in accordance with Mooney service manual Compression checked all good oil replaced Post inspection run up satisfactory I certify this engine has been inspected in accordance with an annual inspection and is <u>airworthy</u>  FA 95447797

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/24/87	TACH 3276	INSTALL #3 NEW CYL, INT. VALVE RINGS, PISTON PIN + PLUGS + GASKETS + SEALS, RESURFACED MIXTURE PLATE + REPLACE SHAFT SEALS ON SERVO. COMP TEST: #1 75/80 #2 75/80 #3 65/80 #4 75/80 RUNUP AIRCRAFT, CHECK FOR LEAKS ALL OPS. OK. <u>END</u>
The aircraft, aircraft engine, or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.		
Pertinent details of the repair are on file at this agency under work order No. <u>2267</u> Date <u>6/24/87</u>		
Signed <u>Jim Coleman</u>		
CITY ENGINES, INC. Certified Repair Station No. E19-98 Orange Municipal Airport Orange, MA 01364 (517) 544-0062		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
MAY 2, 1988	2137.0	TOTAL TIME, RECORDING TACH. READS 388.7 HRS. CHANGED OIL, CLEANED SPARK PLUGS. INSTALLED RECONDITIONED PROP (AD-77-12-06) COMPLIED BY HARTZELL, INC. DIFFERENTIAL COMPRESSION CHECK, #1 75/80, #2 76/80, #3 75/80, #4 76/80. CHECKED MAGS & WIRING.
The aircraft, aircraft engine, or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.		
Pertinent details of the repair are on file at this agency under work order No. <u>2267</u> Date <u>6/24/87</u>		
Signed <u>Jim Coleman</u>		
CITY ENGINES, INC. Certified Repair Station No. E19-98 Orange Municipal Airport Orange, MA 01364 (517) 544-0062		

Charles L. Lukas
A&P #373400
(VT)

I certify that this ENGINE has been
thoroughly inspected in accordance with an
Annual Inspection and is determined to be
in airworthy condition.
Date 5-2-88 Total hours 1004.4
ANNUAL INSPECTION

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

Charles L. Lukas (A.A.)
Charles L. Lukas
A&P #373400

INSPECTION & MAINTENANCE RECORD

Engine N2689W

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
DATE 3 MAR 86	TACH/HOURS 159.68 HRS.	ALL ITEMS ON MOONEY
ENGINE/AIRFRAME TOTAL TIME 1909.68 HRS.		INSPECTION CHECKLIST C/W.
I CERTIFY THAT THIS ENGINE/AIRFRAME WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL		OVERHAULED LEFT MAGNETO
INSPECTION AND WAS FOUND TO BE IN AIRWORTHY		S/N 905793 I/A/W BENDIX
CONDITION. SIGNED		MASTER SERVICE MANUAL, RIGHT
SCOTT SPLETZER A & P 048666152 EA		MAGNETO S/N 909735 OVERHAULED
826.68 HRS SMOH		I/A/W BENDIX MASTER SERVICE
LAST ANNUAL 11 JUL 85		MANUAL, INSTALLED NEW
159.68 HRS LAST 12 MO		AIRBORNE COIL P/N ES652.
TO 250 BTDC. REPLACED ALL ROCKER COVER		MAL TO ENGINE TIMING SET
GASKETS. OVERHAULED ROCKER		INSTALLED USING
4 NEW 77611 GASKETS, INSTALLED NEW IGNITION		HARNESSES P/N M236Y, INSTALLED NEW CH48110.
SERVICED WITH 8 QTS 80 AD. TEST RUN. NO DEFECTS NOTED		
		END
		S.M.O.H 827 JT.

INSPECTION & MAINTENANCE RECORD

Engine N2689W

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
27 April 87 Tach 317		Oil changed (50 wt Aershell "W") - oil Filter replaced -
oil & Fuel Screens checked - Diff. Compression checked #1 76/80 #2 76/80 #3 76/80		#4 76/80 - Installed new Spark Plugs - Magneto timing checked - Installed new
Air Filter Assy Brockett P/N BA-6310 I/A/W STC SA71CL Cat #1 Supp #1 - ADS426-22		N/A on Paper Air Indicator Filter by model Brockett, not Paper Type - Adjusted Mixture
Setting - Replaced all Intake Gaskets - Installed new Rod end on propeller		Control - Replaced Rod end on Mixture Control - Retightened Cool Flap
Hinge Bolts - ADS6-01-06 and 39-5206 N/A on Airframe Vacuum Pump by model 211CC S/W		12 B6914 - ADS1-15-04 R2 on engine oil Pump due at 2000 hrs SMOH unless Sensor for
is not installed (T.T SMOH 984 hrs) - Engine ground run up checked ok -		ADS426 87-07 checked
		27 April 87
		I certify that this Engine has been inspected
		in accordance with a Annual inspection and
		was determined to be in Airworthy Condition.
		Air Frame Total Time 2067 Engine Total Time 2067
		Tach Reading 317 S.M.O.H. 984 (noted & checked)
		Theodore Sapochnik
		L.A.-A. & P. #1296612

Engine N2689W
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
15 Feb 85	Tach 1694	Oil changed (50wt Aeroshell 14) - oil filter replaced - Replaced oil filter adaptor base Assy - AD 84-26-02 and 39-4966 C/w on Paper Induction Air Filter by inspection, no defects found and Total Time on Air filter 104 HRS (Replaces Every 500 HRS) - Ad. Val. 85-02 checked - Theodore Sapoznik AWP 1296612E4

26 March 85 Tach 1750
 oil changed (50wt Aeroshell 14) - oil filter replaced - lower spark plugs cleaned - Replaced #3 cylinder rocker box cover gasket - Replaced deflection Tach Reading 1750 hours and installed new O Time Tach -
 Engine Total Time = 1750 hours - SMOH 667 hours -
 Theodore Sapoznik AWP 1296612E4

Engine N2689W
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11 Feb 85	Tach 39	Oil changed (50wt Aeroshell 14) oil filter replaced - oil & Fuel Screen checked - Diff. Components checked #1 76/80 #2 76/80 #3 76/80 #4 76/80 - Spark Plug Cleaned, Gapped & Tested - Magneto Tuning checked - Air filter cleaned - AD 84-26-02 and 39-4966 C/w on Paper Air Induction Filter by inspection, no defects found (Total Time on Air Filter Screen new 202 HRS) (Replaces Every 500 HRS or in condition) - Replaced #3 cylinder Exhaust Gasket - Replaced EGT Probe - AD 84-13-05 N/A in Propeller Flange by model 10-360-A14 - AD 81-18-04R2 due on engine oil pump at 2000 hrs SMOH (SMOH 706 HRS) unless Service Record not listed - Engine ground clamp checked Ad. Val. 85-11 checked -

I certify that this ~~Engine~~ Engine has been inspected in accordance with a General inspection and was determined to be in Airworthy Condition.
 Airframe Total Time 1789 Engine Total Time 1789
 Tach Reading 39 S.M.O.H. 706 (not listed) overhaul

Theodore Sapoznik
 Theodore Sapoznik
 L.A. - A & P. #1296612

Engine INSPECTION & MAINTENANCE RECORD N2689W

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
July 83		
Oil changed (50W AeroShell 11W) oil filter replaced - oil & fuel sensors checked -		
D/E Comp. checked #1 76/80 #2 76/80 #3 76/80 #4 76/80 - Spark Plug cleaned,		
gapped & tested - Magneto timing checked - Air filter cleaned - Installed new starter		
Rung gear - replaced starter Bendix shaft - replaced starter bearing &		
Bushing - replaced clasp for manifold pressure line - AD 81-18-04R2 AD 139-4395		
New engine oil pump No later than 2000 hrs SMOH (5004 565445) - AD 82-20-01 XAD 78-09-07R3		
N/A on Bendix Magneto by shaver of sparks Magneto - Engine ground checked ok AD 1483-10		
1 July 83		
Propeller Mayan Overhaul at		
This Time AD 77-42-06 C/W		
See Propeller Log Book		
I certify that this aircraft Engine has been inspected		
in accordance with a <u>Visual</u> inspection and		
was determined to be in Airworthy Condition.		
Air Frame Total Time 1648 Engine Total Time 1648		
Tach Reading 1648 S.M.O.H. 565		
Theodore Sapoznik		
I.A. - A. & P. #1296612		

Engine N2689W INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12-14-83	1670	changed oil. used Aeroshell 11W oil
29 June 84	Tach 1678	Joseph Z. Herod APP 2040287
Oil changed (50W AeroShell 11W) oil filter replaced - oil & fuel sensors checked -		
D/E Comp. checked #1 76/80 #2 76/80 #3 76/80 #4 76/80 - Spark Plug		
cleaned, gapped & tested - Magneto timing checked - Air filter cleaned -		
Checked Connections on Voltage Regulator & Generator - Cleaned oil Temp sensor		
Plug Connection - Cleaned oil Cooler Fans - Replaced all Intake Joints -		
AD 81-18-04R2 on engine oil pump due on this model No later than 2000 hrs Same		
Mayan Overhaul (T.T. on engine SMOH - 595445) - AD 82-20-01 on Bendix Magneto replace Pin		
for Hardness N/A by shaver of sparks Magneto - Engine ground checked ok		
AD 1483-10 checked -		
29 June 84		
I certify that this aircraft Engine has been inspected		
in accordance with a <u>Visual</u> inspection and		
was determined to be in Airworthy Condition.		
Air Frame Total Time 1678 Engine Total Time 1678		
Tach Reading 1678 S.M.O.H. 575 (marked)		
Theodore Sapoznik		
I.A. - A. & P. #1296612		

Engine Log N2689W
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4 May 81		Oil changed (50 wt Aeroshell W) - oil filter replaced - oil & fuel screens checked - Diff. Compressor checked #1 76/80 #2 76/80 #3 74/80 #4 74/80 - installed new Spark Plugs & Air filter - Replaced Exhaust tail Pipe Hanger - Magneto tuning checked - Welded Muffler crack - Tightened Generator belt - Replaced oil Temperature Camera Plug - Replaced #1 oil locknut & Cover Gasket - AD 78-09-7 And 35-3963 N/A on Bendix Magneto Ignition Coupling by minor shower of Spark Magneto - AD 80-25-07 N/A on Stewart Warner oil cooler by serial 8432F S/N 3699 - Engine Ground Run checked oil - AD 5th 81-08

4 May 81
I certify that this ~~Engine~~ *Engine* has been inspected in accordance with a *Visual* inspection and was determined to be in Airworthy Condition.

Air Frame Total Time *587* Engine Total Time *1587*
Tach Reading *1587* S.M.O.H. *584 (Maintenance Overhaul)*

Theodore Sapoznik
Theodore Sapoznik
I. A. - A. & P. #1296612

11/27/81
oil changed - Replaced $\bar{c}$ 7 grs '40 WT'
TACH 1614 TT

Stitel

Engine Log N2689W
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1 June 82		Oil changed (50 wt Aeroshell W) - oil filter replaced - oil & fuel screens checked - Diff. Compressor checked #1 76/80 #2 76/80 #3 74/80 #4 74/80 - Spark Plugs Cleaned Japped & Tested - Magneto tuning checked - Air filter cleaned - AD 80-25-07 R1 N/A on Stewart Warner oil cooler by serial 8432F S/N 3699 - AD 81-15-03 N/A on Air filter by Money Part (not Bendix type) - AD 81-15-04 R1 per center model engine no later than TBO time or 1600 hrs since overhaul (since 534 hrs) - AD 81-17-01 N/A on Bendix Starting Unit by P/N 10-176487-12K - AD 77-12-06 on Hartzel Propeller (last Overhauled 4 June 79 Tach 1441) (176 hrs Ago, 3 years ago) & Tach checked with Vortex Meter within ± 25 RPM - Engine Ground Run checked oil - AD 5th 82-09 checked

1 June 82
I certify that this ~~Engine~~ *Engine* has been inspected in accordance with a *Visual* inspection and was determined to be in Airworthy Condition.

Air Frame Total Time *1617* Engine Total Time *1617*
Tach Reading *1617* S.M.O.H. *534 (Maintenance)*

Theodore Sapoznik
Theodore Sapoznik
I. A. - A. & P. #1296612

ENGINE INSPECTION & MAINTENANCE RECORD N2689W

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
18 April 80		Oil Changed (Sowt Aeroshell W) - oil Filter Replaced - oil + Fuel Screens checked DIFF. Compression checked #1 76/80 #2 76/80 #3 76/80 #4 76/80 - Spark Plugs Cleaned, Gapped & Tested - Magneto Timing checked - Air Filter cleaned - Tightened Generator Belt - Replaced oil Temp Probe - Welded #2 ex (Exhaust Stack) - AD 79-13-08 N/A on Airframe Vacuum Pump by model 211CC S/P 12B-16914 - AD 79-04-05 (Rev 79-19) AD 39-3070 N/A on Bendix Injector by model RSA-54D1 Particulate # 2524054-4 S/P 11064/38 & NO Repairs between 31 March 77 & after in log entries - AD 79-21-08 N/A on Bendix Injector by model RSA-54D1 Particulate # 2524054-4 - AD 79-26-05 N/A on Aircraft Metal Products Corp oil + Fuel Line P/N 762506 by NONE Installed - AD 79-26-03 N/A on Bendix Injector by model RSA-54D1 Particulate # 2524054-4 - Engine Ground Run checked ok - A/Ds Vln 80-07 checked — 18 April 80 I certify that this Engine Engine has been inspected in accordance with a Inspection inspection and was determined to be in Airworthy Condition. All Engine Time 1504 Engine Total Time 1504 Tech Reading 1504 S.M.O.N. 421 (Cattatuck Overhaul) Theodore Sapoznik A & P # 129157

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Sept 12, 80	Tach 1556	changed oil Aeroshell "w" Sowt changed oil Filter - cleaned, gapped & tested spark plugs replaced #3 & #4 rocker cover gaskets - run up operational all of Engine good - J Sapoznik 1502167AP —
Oct 31, 1980	Tach 1568	changed oil Aeroshell "w" Sowt P.D 80-13-03 Installed Air-Maze Model # 00736 ASSY R9W1822 in line Fuel Filter per S/B W20-222A - (Filter S/N R9W1822) operational all good no defects found at this time — J Sapoznik 1502167AP

Engine INSPECTION & MAINTENANCE RECORD N 2689W

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
14 June 79		Oil Changed (50 wt Hercules (W)) Replaced oil Filter - Oil & Fuel Screens checked - DIFF. Compression checked #1 76/80 #2 76/80 #3 76/80 #4 76/80 - Spark Plugs cleaned Gapped & Tested - Magneto Timing checked - Air Filter Cleaned - AD 78-23-10 N/A on Bendix Injector Bellows by Parts List # 2524054-4 - AD 79-04-05 N/A on Bendix Injector Diaphragm by Parts List # 2524054-4 & 11064/38 and no overhaul or repair log entry - Installed New Crankshaft seal - Rechecked thru the Control - Reposition oil cooler lines under Heat Exhaust Plate - Tightened ground strap from Engine to fuel wall - AD 78-25-05 N/A on Air Filter by standard Mercury Filter, not bracket type - AD 77-12-06 C/W on Hartzell Propeller, Propeller Major Overhaul at this time (See Trig book & log book Meridian Propeller Co W.O.# 1413) Tech checked with Hartzell Vetter Motor with ± 25 RPM, Tech Recorded & Marked for operation limits - Engine ground run checked ok - AD Plan 79-11 checked - 14 June 79 I certify that this Engine Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy Condition. Air Frame Total Time: 1441 Engine Total Time: 1441 Tech Reading: 1441 S.O. 3.58 (unstable Overhaul) Theodore Saporuk L.A. - A. & P. # 728452

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/9/79	TACH 1467.1	Oil change - 70TS "50" WT ADDED J.itel
11-30-79	1492.86	Cleaned and gapped Spark plug. Changed oil & filter used 40 wt. Cleaned oil suction screen. AD 79-21-08 on Bendix injector N/A - Michael A. Bernier 815389017

ENGINE INSPECTION & MAINTENANCE RECORD N 2689W

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12 June 78		Oil Changed (Sowt Kernshell W) - Oil Filter Replaced - Oil & Fuel Screens checked - Diff. Compression checked #1 76/80 #2 76/80 #3 76/80 #4 76/80 - Spark Plugs installed new REW38E - Magneto timing checked - AD 75-09-074/A on Impulse Couplings by model - Air Filter cleaned - AD 75-09-08 d/w by inspecting Engine Mount for Cracks None found (Report Every 100 HRS) - AD 77-12-02 (Rev 77-25) on Hartzell Propeller due at Tach 1737 or before 24 June 79 (Last AD 75-07-05 d/w at Tach 1137, Tach placarded Limitation & Red Marked - Engine Ground Run checked ok - Tach checked with Hartzell Vibration Meter within ± 25 RPM - ADs thru 78-11 checked -
		12 June 78 I certify that this Engine Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy Condition. All Franchise Tach Time 1342 Engine Total Time 1342 Tach Reading 1342 S. J. O. H. 259 (Maintenance Overhaul)
		Theodore Hapoznik Theodore Sapoznik A. A. & P. #770052
Sept 1, 1978		OIL CHANGED - 8 QTS SOWT - TACH: 1369.7

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11/22/78	TACH 1396.1	OIL CHANGED - 40 WT. EGES AND PLUGS CLEANED, GRIPPED + REVERSED
4-9-79	1423	OIL & FILTER CHANGED ARROSHILL 40 W OIL USED. Robert P. Tourignon H&P 2056293

Engine N 2689 W
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	50WT Hershell "W"	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2 June 77			
Oil Changed - Oil F. H. Repland - Oil & Fuel Screens checked - Diff. Cap screws checked #1 7/8/80 #2 7/8/80 #3 7/8/80 #4 7/8/80 - Spark Plugs cleaned, Gap tested - Magneto timing Checked - Air F. H. cleaned - Repland all locker box cover gaskets - Repland all Exhaust Gaskets - Repland Merbue Control & Governor Rod ends - Repland Thrust Rod end bolt - Installed Mung Ground Strap from Engine to fus wall - Engine Ground then checked ok - AB 57-11 checked			

2 June 77

I certify that this Engine has been inspected
in accordance with a Annual inspection and
was determined to be in Airworthy Condition.
Air Frame Total Time 1234 Engine Total Time 1234
Tach Reading 1234 S. J. U. L. 151 (MATTITUCK Overhaul)

Theodore Sapoznik

Theodore Sapoznik
LA-A & P. # 1296522

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Sept 23 77	Tach 1265	changed Engine oil Hershell "W" 50WT - James Sapoznik 1502167AP
Sept 23 77	Tach 1265	A.D. 77-18-1 oil cooler "V" notch - inspected oil cooler found "V" notch no further action required - James Sapoznik 1502167AP

DEC 2, 1977 TACH 1294 - CHANGED engine oil - Hershell "W" 40WT -
J. Litch

4-20-78 1329.07 OIL CHANGED, OIL FILTER REPLACED, CLEAN
SUCTION SCREEN. Robert P. Tourigny AHP 2056293

* Lexat 405

D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
64-16-05	n/a by Paper fault Pump					
66-06-03	n/A by Seal # L-2006-SIA					
66-20-04	C/W AT Overhaul (Watttish noted 6/13/77 Tach 1083)					
67-22-06	C/W (" " "	" " "	" " "	" " "	" " "	
75-05-02	C/W (" " "	" " "	" " "	" " "	" " "	
71-11-02	C/W (" " "	" " "	" " "	" " "	" " "	
77-01						
78-23-01	n/A by Seal # C-2006-SIA					
75-08-09	n/A by Paper oil demoglyx (Mittalish overhaul)					
75-09-15	C/W Pumping by Paper Part 5/22/76 on flow down part					
73-07-04	C/W AT Overhaul 'A' Staged					
74-26-09	n/A by model along (Shore & Seals)					
73-10-02	C/W by installed AT Overhaul - Date not recall					
76-16-02	n/A by ZILC stream pump direction					
75-07-05	C/W Insulating Rungs 15 Tach 1137 X's checked Tach on the tank Report every 1000 hrs					
June 77	Fuel 1234 At the 7-11 checked Pleasure Lapport ASD 12966 12-TD					
77-2-8	N/A 77-18-01 Oil cooler V-NOTCH CK'd + Stewart-Woman 6432FI FOUND OK J.Kitchin					

ENGINE DESCRIPTION

MANUFACTURER Lycoming MODEL IO-360 A1A

SERIAL NUMBER L-2006-51A DATE OF MANUFACTURE 1-27-66

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

11268903

Book #1

ENGINE LOG



MEMORANDUM

DATE

N2689W

3-29-77 Tech 1221.7 hrs. installed new
211CC vacuum pump S/N 12B16914 and
adjusted vacuum suction. Arthur D. Ralston
ASP733589

All Further Engine Log Book Entries Made in
Book #2 (N2689W 2 June 77 Tech 1234)
Ikeadore Hargrave ASP129661214

MEMORANDUM

DATE

AD 75-07-05 ~~NW~~ Robert DeLeon ASP2161243

AD 70-16-3 = Hartzell - N/A via blade model -

AD 64-20-1 = Hartzell - N/A via S/N.

AD 75-8-9 = oil pump shaft - D/N/A by MATTITUCK O/H
did not install new type

AD 75-9-15 = Bendix Flow divider - checked FOR COMPLIANCE
clw (red gasket instd) 5/20/76

AD 73-23-1 = Piston Pins - N/A via S/N.

AD 71-11-2 = Tappets - clw 2/2/72

AD 71-5-2 = dowels - clw by MATTITUCK 6/12/73

AD 67-22-6 = Bendix injector - N/A -

AD 73-10-2 = Bendix FFI diaphragm - clw PAR "A" 5/20/76

AD 73-7-4 = Bendix coils & magnets - N/A via S/N.

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
5/20/76 - Tach reads 1167.9 - 100 hr. insp this date - Changed oil & filter (Gr. 100 AD) - cleaned & gapped all plugs, replace fuel pressure line, exhaust hangers, Aeroduct, lubed all engine controls, checked for compliance AD 75-8-9 (oil pump) & DIN/A via Mattituck did not replace impeller at that time, clw AD 75-9-15 (flow divider gasket) red one inst'd, clw AD 73-10-2 (Bendix Servo diaphragm) PAR "A". Engine run-up OK. This engine is determined to be airworthy - Sec. 1. Field App 43401930.					

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
5-20-76	TOTAL TIME AIRC. & ENGINE 1167.9 (TACH.) TIME LAST 12 MOS. 30.9 HRS. DATE LAST ANNUAL 76-75		I certify that this <u>aircraft engine</u> has been inspected in accordance with a <u>100 hour</u> (an) <u>annual</u> inspection and was determined to be in an airworthy condition. Total time <u>1167.9</u> hrs. Date <u>5-20-76</u> Signed <u>H. Morrarty</u> Harold Morrarty, IA 734240		
12/22/76	TACH - 1213 HRS. CHANGED OIL & FILTER RESERVICAD WITH 40 WT OIL, CLEAN, GAPPED AND ROTATED TOP-TO-BOTTOM, BOTTOM-TO-TOP, ALL SPARK PLUGS. ADJUSTED GEN. DRIVE BELT TENSION. Keith T Jones AEP 43582646				

ENGINE LOG

[illegible]

Edwin K. Reeves
I.A., A. & P. #1428101

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS	
DATE	INSPECTED BY	CONDITION	DATE	REPAIRS MADE
7/5/75		change oil + F.L.P. Clean + gap all spark plugs prop AD		
NOTE 75-07-05		C-W TAC		
		in rear of Book Robert DeLeon		
ATP 2161243				
I certify that this <u>Engine</u> has been inspected in accordance with a <u>Ann. Pt.</u> instruction, and was determined by me to be in airworthy condition T.A.T. <u>1137</u> T.E.T. <u>1137</u> S.M.O.H. <u>59</u> hrs. S.M.O.H. DATE <u>7/6/75</u> TACH READING <u>1137</u> <u>[Signature]</u> Paulovsky, Jr. IA1708486				

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.			
ENGINE MAJ. OVRD BY MATTITUCK AIRBASE INC.											
MAGS-ALT-STARTER-HARNERS-FUEL INJ.											
Engine disassembled, cleaned and inspected in accordance with manufacturer's instruction. All steel parts magnafluxed. A description of these repairs is on file at this agency under Job # 1632 dated 6-12-73. Time in Service 1201033 hours.											
Signed <i>[Signature]</i> ENTER TACH.											
MATTITUCK AIRBASE, INC. Repair Station 3533											
BROUGHT FORWARD											
NEW PARTS USED: SERVICE BULLETINS 'A.D.'s											
AS PER TAB WO# 1632 <i>[Signature]</i> <i>[Signature]</i>											

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.			
Eng. mounts replaced -											
Full Flow Oil Filter installed.											
Oil COOLER Replaced - Fuel Pump Replaced C.A.C. Aeroduct Replaced -											
Date 21-JUN-1973											
I certify that this aircraft, engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.											
Air Frame Total Time 1083:00											
Engine Total Time 1083:00											
S.M.O.H. 00 S.T.O.H. —											
Tach Reading 1083:00											
<i>[Signature]</i> Edwin K. Reeves											
Edwin K. Reeves											
I.A., A. & P. #1428101											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

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.					
Replaced all Hyd. lifter bodies per AD 71-11-2 all gaskets replaced Oil by Oil Screen checked Timing checked EGO oil installed Date 2-2-72 I certify that this aircraft, engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Air Frame Total Time 1080:00 Engine Total Time 1084:00 S.M.O.H. - S.T.O.H. - Tach Reading 1084:00 <u>E. K. Reeves</u> Edwin K. Reeves I.A., A. & P. #1428101												
BROUGHT FORWARD												
TOTALS												

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.			
1971											
1-27	TACH	READING	865.3				865.3		Annual Shop. Completed. Comp Checked.		
									Cylinders #2 & 4 low. Seaking Int. Valves #2 Broken ring #4		
	Comp Check								2 Ex Valves, 1 Int. Valve replaced. Reassembled with new rings & gaskets. Water replaced w/ward Sea-Kubuit. See W.R. back of log.		
#1-75	#2	51							Muffler repaired by W. J. Aero, see W.R. back of log. See O.H.		
80		80							New brushes, Collector C.E. by Commutator re-lit. New wad seal & map. Left map retained - way early. Plugs cleaned, gapped & tested. 2 plugs replaced. Pump belts torqued.		
#3-76	#4	58							OK in accordance with		
80		80							AVCO Serv. Bull 328.		
									Date: 1-27-71 T. T. 865.3		
									"I certify that this engine has been inspected in accordance with a periodic inspection and was determined to be in airworthy condition."		
									Richard W. Gleason A&E 1185495 I.A.		
									Signature <u>Richard W. Gleason</u>		
BROUGHT FORWARD											
TOTALS											

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.			
1971											
8-20	TACH	TIME	1005.9								
									REMOVED COMPLETE FUEL INJECTION SYSTEM		
									REPAIRED AS NEEDED. SEE MAINT REL. TAG.		
									REINSTALLED, PRESSURE CHECKED, & GROUND		
									RUN ENGL. ADJ IDLE MIXTURE & CHECKED		
									FOR LEAKS AFTER SHUT DOWN.		
BROUGHT FORWARD											
TOTALS											

W.O. No. 3843 Date 8-20-71
 Signed Robert E. Powell For
 SCHNECK AVIATION, INC.
 Rockford, Illinois
 F.A.A. Approved Repair Station No. 303-2

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.			
4-23-69											
Tack Reads 597.67 Install #4 cyl. Ex gas & vent, inspect for general condition & noise. Richard H. Canis AWP 1896609											
Dec 27, 1969											
Compliment of 40 Miles & 80's as per attached sheet at head of aircraft log. Repair Fan SR86 pump. My line 600110-5. Reconnect. Repair Two Robin box. Cover Gaskets. Change oil. Install Slack Hanger Kit 20-144-2.											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	(Engine)		
I hereby certify that this <u>(Aircraft)</u> has been thoroughly inspected as per existing C. A. R.'s in accordance with a <u>(Periodic)</u> inspection and found to be in an Airworthy condition. Tach Time <u>682</u> Hrs. A/C Total Time <u>682</u> .							
T.S.M.O. H.		<u> </u>		Hrs. Engine T. T.		<u>682</u>	Hrs.
Next Periodic (Relicense) Due <u>Dec 1970</u> .							
Date		Signature and License Num					
<u>Dec 27, 1969</u>		<u>James R Miller A/P 1705885</u>					
BROUGHT FORWARD							
TOTALS							
WILLMAR AIR SERVICE, INC.; WILLMAR, MINN.							

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
					(Aircraft) (Min. (Engine))		
						has been thoroughly	
						inspected as per existing C. A. R.'s in accordance with a	
						(Periodic) inspection and found to be in an Airworthy	
						(100 Hr.) condition. Tach Time <u>508</u> Hrs. A/C Total Time <u>508</u> .	
						T.S.M.O. H. <u> </u> Hrs. Engine T. T. <u>508</u> Hrs.	
						Next Periodic (Relicence) Due <u>November 1969</u>	
						<u>Nov 29, 1968</u> <u>James R. Miller ATP 1705885</u>	
						Date Signature and License Number	
BROUGHT FORWARD							
TOTALS		WILLMAR AIR SERVICE, INC.; WILLMAR, MINN.					

ENGINE LOG										REPAIRS — ADJUSTMENTS		SIGNATURE		LICENSE NUMBER	
DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME								
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.							
5-28-68															
REPLACED CRANKSHAFT SEAL, CLEAN, GAP, & CHECK ALL PLUGS REPLACED. AT TOTAL TIME TACK 394:28 James R. Miller APL 1705885															
6-15-68															
TACK Reads 408 Change oil & cleaned Screens Sgt. Hens Shell w 50 wt. Lawell T. Opem APL 1593715															
BROUGHT FORWARD															
TOTALS															

[illegible]

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.			
MAINTENANCE RELEASE											
The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.											
Pertinent details of the repair are on file at this agency under work order NO: <u>2725-</u>											
DATE <u>Nov. 10, 1967</u>											
SIGNED: <u>Richard Kelly</u> FOR <u>Inspector</u>											
SUNDORPH AERONAUTICAL CORP. CERT. NO. <u>1065-</u>											
CLEVELAND HOPKINS AIRPORT											
BROUGHT FORWARD											
TOTALS											

BROUGHT FORWARD

TOTALS

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.			
FEB 24, 1968 TACH READS 343.03 ²⁵ HOUR INSPECTION											
PER SAC FORM COMPLETED THIS DATE. 8QTS											
#30 OIL ADDED.											
The aircraft and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.											
Pertinent details of the repair are on file at this agency under work order NO: <u>2966</u>											
DATE <u>FEB. 24, 1967</u>											
SIGNED: <u>William D. Fay</u> FOR											
SUNDORPH AERONAUTICAL CORP. CERT. NO. <u>1065-</u>											
CLEVELAND HOPKINS AIRPORT											
BROUGHT FORWARD											
TOTALS											

BROUGHT FORWARD

TOTALS

SUNDORPH AERONAUTICAL CORP.
CLEVELAND HOPKINS AIRPORT
CLEVELAND 35, OHIO

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.			
Sept. 6			1947						Tech Reading 255 Hrs.		
			Completed						50 Hr. inspection as per SIA		
			8 gts.						Tex. 100 AD oil		
									Wot 2567		
										Alvin. [Signature]	
										ASP 1354096	
SUNDORPH AERONAUTICAL CORPORATION											
Subsidiary of General Electric											

ENGINE LOG

ENGINE LOG										REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME					
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.				
NOVEMBER 10, 1967 TACH READS - 315.63 ANNUAL INSPECTION USING MOONEY FORM AS A GUIDE COMPLETED THIS DATE. COMPRESSION CHECK. 1. 76/80, 2. 38/80, 3. 74/80, 4. 77/80. REMOVE #2 CYLINDER, REFACE INTAKE VALVE & SEAT, REPLACE RINGS & ASSOCIATED SEALS, CLEAN ALL FUEL, OIL & AIR SCREENS. CHECK MAG POINTS & TIMING. CLEAN & SET SPARK PLUGS. <i>Do not</i> <i>Notes</i> APPLY TO THIS ENGINE. <i>certify that this aircraft meets the requirements for an annual inspection in accordance with FAR 91.409-1(a) and was determined to be in satisfactory condition. A.D. notes that 67-28 was checked for compliance. Operational pre-inspection check satisfactory.</i>												
BROUGHT FORWARD										Date <u>Nov. 10, 1967</u> Hrs. <u>315.63</u>		
TOTALS										<u>67-28</u> <u>1288623TR</u>		

SEE NEXT PAGE FOR MAINT. RELEASE A. William D. Fay W & P 1288065

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.			
MAY 9, 1967									TACH READS - 221.81 25 HOUR INSPECTION PER SAC FORM COMPLETED THIS DATE. 8QTS #100 TEX. 100 OIL ADDED (DETERGENT) William D. Fuy W.E.P-1288623 ID		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG									LICENSE NUMBER	
DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.		
July 29 1967									Tach Reading 255 25th, inspection as per SAE form completed this date. 100 Tex Det. oil Removed & Installed fuel injector for repair WOT 2480	<i>[Signature]</i> ADP 1364096
SUNDORPH AERONAUTICAL CORPORATION Subsidiary of Cleveland Hangars, Inc. CLEVELAND HOPKINS AIRPORT CLEVELAND 35, OHIO										
BROUGHT FORWARD										
TOTALS										

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.			
March 14, 1967											
TACH READS - 183.03 ANNUAL INSPECTION PER MOONEY FORM COMPLETED THIS DATE. 8QTS #30 DETERGENT ADDED. NO AD'S THROUGH 676 APPLY.											
I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in <u>Good</u> Condition. A.D. notes the <u>67-6</u> compli- ance. Operational pro- Date <u>March 14, 1967</u> <u>18303</u> LA. <u>William D. Fry</u> <u>WEP-1288623 TA</u>											
BROUGHT FORWARD											
TOTALS											

[illegible]

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.			
JUNE 2, 1966									TACH READS - 50.88 50 HOUR INSPECT- ION COMPLETED PER SAC FORM. V- CHANGED BGTS 50 PER HOUR. ADDITIONAL WINDSHIELD CENTER POST WASHED O&P-12886237A		
SEPT 2, 1966									TACH READS - 108.42. 100 HOUR INSPECTION COMPLETED PER MOONEY FORM. CLEAN & CHECK SPARK PLUGS. CHECK MAG TIMING, OIL CHANGED. BGTS 50 DETERGENT ADDED. COMPLESS- ION CHECK. 1. 78/80, 2. 75/80, 3. 76/80		

BROUGHT FORWARD

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. 79/80									CLEAN ALL LEVEL OIL & AIR SCREENS. NO A.D. NOTES APPLY TO THIS ENGINE		
									I certify that this aircraft has been inspected in accordance with a 100 HOUR inspection and was determined to be in Airworthy Condition A.D. notes thru 66-19 checked for comp- ance. Operational pre-flight check satisfactory.		
									Date <u>SEPT 2, 1966</u> Hrs. <u>108.42</u>		
									I.A. <u>William D. Fay</u>		
									O&P-12886237A		
BROUGHT FORWARD											
TOTALS											

SUNDORPH AERONAUTICAL CORPORATION
Subsidiary of Cleveland Hangars, Inc.
CLEVELAND HOPKINS AIRPORT
CLEVELAND 35, OHIO

ENGINE DESCRIPTION			
Mfgr. <u>LYCOMING</u>	Place	Date <u>1-27-66</u>	
Type	Model <u>IO-360A1A</u> ✓	Serial No. <u>L-2006-S1A</u> ✓	
Rated H. P. <u>200</u>	Maximum H. P. <u>200</u>	Weight (Dry)	
Rated R. P. M. <u>2700</u>	Maximum R. P. M. <u>2700</u>	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio	Gear Ratio	
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Maximum Hub H. P.	Maximum Blade H. P.		
Pitch	Diameter	Length	
Owners Name	City		
Address	State		

ENGINE LOG										REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME					
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.				
1-27							1	05				
PRODUCTION FLIGHT TEST COMPLETED THIS DATE THIS AIRCRAFT INSPECTED NEW AT FACTORY AND FOUND TO BE AIRWORTHY.												
Note: This engine installed in Mooney M-20E A2689W, Ser. No. 1006.												
BROUGHT FORWARD												
TOTALS												

PRODUCTION FLIGHT TEST COMPLETED THIS DATE
THIS AIRCRAFT INSPECTED NEW AT FACTORY
AND FOUND TO BE AIRWORTHY.

Note: This engine installed in Mooney M-20E
A2689W, Ser. No. 1006.