

ENGINE LOG

MOONEY

CU	ABOVE 60°	SAE 50
	30°-90°	SAE 40
	0°-70°	SAE 30
	BELOW 10°	SAE 20

Jwt AVIAT 104

A. L. 33 E
ENGINE LOG

COPYRIGHT 1966

AVIATION LOGBOOKS, INC.

P. O. BOX 24 - CLARENDON HILLS, ILLINOIS

ENGINE DESCRIPTION

Mfgr. <u>Lycoming</u>	Place _____	Date <u>11-26-69</u>
Type _____	Model <u>IO-360</u>	Serial No. <u>L-6796-51A</u>
Rated H. P. _____	Maximum H. P. _____	Weight (Dry) _____
Rated R. P. M. _____	Maximum R. P. M. _____	Oil Pressure _____
Bore _____	Stroke _____	Displacement _____ Cu.
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

[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.			
11-8-71							79	09	oil Change Aeroshell W SAE 40		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hour	Min.	Hour	Min.	Hour	Min.			
<h2>CONN MOONEY SALES</h2> <h3>DANBURY, CONNECTICUT</h3>											
DATE <u>1 MAY 1992</u> TACK READS <u>102</u> <u>change oil, clean & check oil screens.</u> <u>clean & Reamp spark plugs, clean</u> <u>injector screens & nozzles.</u>											
I CERTIFY THAT I HAVE INSPECTED THIS (ENGINE) (AIR-FRAME) IN ACCORDANCE WITH (AN) 100 HOUR ANNUAL INSPECTION AND FOUND IT TO BE IN AIRWORTHY CONDITION.											
ENGINE TOTAL TIME <u>102</u> SMOH											
BROUGHT FORWARD											
TOTALS <u>REPAIR STATION</u> <u>Gilbert & Post</u> A & P <u>1892694</u>											

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.			
<p>JUNE 12th 1973 TACH READS 132.5 TAE 132. LAST 12 MOS. 30 HRS. INSP ENG AS PER LUC/MOONEY MANUALS FOR THIS ENG. CHANGED OIL. INSPE SCREEN FOUND NO EXCESSIVE DEPOSITS. SERVICED WITH ACOSHILL 100 W. CLEANED GAPPED & CHECKED ALL PLUGS C/W AD 72-15-2 ✓ BY INSTALLATION OF NEW FAN ASSY COMP CHECK AS FOLLOWS 16, 77, 77, 79, RESPECTIVELY OVER 80 COLD.</p>											
BROUGHT FORWARD			CONN. MOONEY SALES		<p>Albert J. Mooney</p> <p>OFF 2106702</p>						
TOTALS			MIRY BROOK ROAD								
			DANBURY, CONN. 06810								

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

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.			
6/10/74									Changed oil 70W Shell Repacked 7 spark plugs Checked mags. All work on file this station under WFO 5186 Gen and Starter checked. All A/Ds completed with. Engine ground run up checks OK.		
<p>I certify that this aircraft has been inspected in accordance with a <u>Visual</u> inspection and has been found airworthy.</p> <p>Sig. <u>Wade Hall</u></p> <p>Cert. <u>TA 1375190</u></p> <p>Repair Sta 1330</p> <p>Lt Curframe</p>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

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.			
BROUGHT FORWARD											
TOTALS											

ENGINE—Drained oil, cleaned screens, checked and cleaned spark plugs,
checked compression, checked fuel system, Drained sumps, checked
starter and generator brushes, checked mags and timed properly,
checked prop for leaks and grease. Functionally checked engine:

Date 6/23/75 Total Aircraft Time 287.43 I certify this
Engine has been inspected in accordance with a Cornucop
inspection and was determined to be in airworthy condition.
Signature [Handwritten Signature] A & P No. 14138791A

ENGINE LOG

[illegible]

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.			
7.25.76	—				31	41	41	01	OIL CHANGED		
27.77					45	60	46	01	— ANNUAL —	98.61	
30.77					22	39	48	00	OIL CHANGED		
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.			
BROUGHT FORWARD											
TOTALS											

ENGINE—Drained oil, cleaned screens, checked and cleaned spark plugs, checked compression, checked fuel system, Drained sumps, checked starter and generator brushes, checked mags and timed properly, checked prop for leaks and grease. Functionally checked engine.

Work order on file at Simsbury Air Service

Date 5/12/77 Total Aircraft Time 464.70 I certify this Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Signature Ernest B. [Signature] A & P No. 14138741A

AD 77-08-06 Cooling sys N/A
P/N 8432 E Sh 2882

ENGINE LOG

DATE 1978	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
2-1							636	85			
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

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.			
4/13/78							623	00	Removed props for tip repairs at Prop Shop Crankshaft run out checked OK, 3/4 steel Flange checked OK. Props installed after repairs Torqued bolts to 60-70 ft/lb Replaced Push rod seals #2 Note gear checked for damage		
BROUGHT FORWARD											
TOTALS											

D. Marshall Stoltz
PT Aero Rto 7265

PROPELLER INSPECTION AND REPAIRS

INSPECTION

REPAIRS

DATE

INSPECTED BY

CONDITION

DATE

REPAIRED BY

REPAIRS MADE

3-2-79 installed remanufactured tach

5/11/74 NOTE!! TIME ON TACH REMOVED
647.00

SEE NEW LOG

Signed

Paul Bruster

for

AVCO LYCOMB DIV. VCO ORP.

MANUFACTURE MAINTENANCE FACILITY # MMF-110-6

WILLIAMSPORT CO MING COUNTY AIRPORT

MONTICELLO, PENNSYLVANIA 17754

LYC. DIV. OF AVCO
SERVICE HANGAR

A & P # 176787

MEMORANDUM

DATE

1974

11/7/74 AD 71-5-2

oil Screen Every 25 Hrs

E. B. K.

Par: (2) C/W this Date

(255:1)

N 9398V Book #2

AVCO LYCOMING DIVISION
WILLIAMSPORT, PA. 17701

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF Avco Lycoming

MAKE

MODEL

SERIAL

FROM _____ 19____ TO _____ 19____

DETAILING TIME FROM _____ TO _____

HOURS

HOURS

SSP 1872

June 1972

ENGINE DESCRIPTION

N9398V

Mfgr. **AVCO** LYCOMING DIVISION Place WILLIAMSPORT, PA. 17701 Date

Type **A1A** Model **10-360** Serial No. **L-6796-51A**

Rated H.P. Max.H.P. Weight (Dry)

Rated R.P.M. Max. R.P.M. Oil Pressure

Bore Stroke Displacement Cu. In.

Compression Ratio Supercharger Ratio

Reduction Gear Ratio

Propeller Hub Design Hub Serial No.

Blade Design Blade Serial No. Blade Serial No.

Max. Hub H.P. Max. Blade H.P.

Pitch Diameter Length

Name

Address

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
23				71-05-02	✓
978	6	45	<p>Disassembled engine complied with AD 72-21-06 main bearing downed, with main crankpin used new main bearings and one new piston and one new & cylinder bored out new rings installed rotator intake valve new exhaust valve guides and exhaust valves. Checked crankshaft run out - OK Installed one new remanufactured magnet S/N 831353. Complied with Gyroscopic Design Bulletin H 382 which pertains to cover gasket ✓ on Bendix flow divider replacement</p>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
as above			Revised S.B. RSA 3 requirements stamped - 2 after serial number. Complied with Mooney SB 1420-192		
The aircraft power plant and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.			which pertains to engine mount repair. Installed latest type piston pins and shroud tubes		
Verilient details of the repair are on file at this agency under work order No. <u>A 4706</u>			Replaced oil temp bulb with new ground run and flight checked		
Date	<u>2-23-79</u>		Served with Gulf 40 oil		
Signed	<u>Paul Bruster</u>		for		
MANUFACTURER'S FACILITY WILLIAMSPORT, PA MONTGOMERY COUNTY AIRPORT			Page Total Brought Forward Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

The aircraft, airframe, aircraft engine, propellor, 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 AGENCY UNDER WORK ORDER No. ...9-174.....

DATE 3-1-78.....

SIGNED ..... FOR

KEYSTONE INSTRUMENTS, Inc.

Wm. T. PIPER Memorial Airport

P. O., BOX 2

LOCK HAVEN, PA. 17745

REPAIR STATION No. 1040

INSTRUMENT CLASS 1, 2, 3

Form 100-B

DATE

TIME

Hrs. Min.

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

SIGNATURE

LICENSE
NUMBER

1979

3-2

Repaired tach $\frac{5}{16}$ 660911501

which had recorded 647 hours

The aircraft power plant and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service.

Details of the repair are on file at this agency under work order No. 4706

Installed Repaired Exchange tach $\frac{5}{16}$ 9174 by Heystone instrument as per their release tag. O time hours. Flight checked O.K.

3-2-79

Signed Paul Brubaker for

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3-24-18			Tach 27.04 changed oil - 7qt 4wt Min oil		
12-23-17			TACH 136.28 CHANGED OIL - 8QTS Shell ^{PROM} 10 20-30W		
			See new notations second page		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No N 9398V

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
25 May 79			Oil Changed (Sowt shell non-detergent) - Oil + Fuel Screens checked - Diff. Compression checked # 1 78/80 # 2 78/80 # 3 76/80 # 4 76/80 - Spark Plugs cleaned, gapped + Tested - Magneto Timing checked - Air Filter cleaned - Adjusted idle - AD 78-23-10 N/A on Bendix Injector bellows by Parts List # 2524052-4 - AD 79-04-05 N/A on Bendix Injector Diaphragm by Parts List # 2524052-4 S/P 58398/20 + no log entry of repair or overhaul - AD 71-45-02 C/W on Main Dowel Bearing Pin Previously 2/23/78 Tnd 645 - AD 79-07-15 C/W on Fuel Div. Gasket Previously 2/23/78 Tnd 645 - AD 75-09-08 C/W Previous on Engine Mount by Honey Kit Gussets Installed (no layer applied) - AD 78-08-06 N/A on oil cooler by model 8432 F1 - AD 77-15-01 N/A on oil cooler by "V" notch on cooler - Engine Ground Run checked ok AD 79-10 checked - (Cont on following page)		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

SERIAL No. 69378V

[illegible]

ENGINE LOG

SERIAL No N-93980

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7/21/79			oil changed 50wt. mineral oil Tack 82.01 HR, PLUGS CLEANED & GAPPED	JOE & JEFF	
9/10/79			oil changed 50 wt Premium Aeroshell W 100 (50wt) Tack 106.41	Joe & Russ	
17 Nov 79			Tack 126 - AD 79-04-05 (Rev 79-19) N/A in Bendix Injector & AD 79-21-08 N/A in Bendix Injector by model # RSA-5 AD1 Parts list # 2524052-4 S/N 58398/20 x no log entry of Overhaul or Repair		
			Introduce Log entry ADP129661LIA		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
12-23-79			TACK 136.28 - Change oil EGTS Shell 20-30 R. Koney		
1-14-80			1 NEW REBAT BATTERY - R35 INSTALLED Russ Koney		
2-19-80			oil change 30w Shell AeroShell Tack 166.73 R. Koney		
4-19-80			Changed oil 50w Aeroshell 196.90 P. Rich Sgt		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

SERIAL No. N 9398

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICEN. NUMBER
	Hrs.	Min.			
26 June 80			<p>Oil Changed (50 wt. Amsoil) O.I. + Fuel Screens checked - D.I.C. Compressor checked - #1 78/80 #2 78/80 #3 76/80 #4 76/80 - Installed New Spark Plugs - Magneto timing checked - Air filter cleaned - AD M-12-06 C/W on Propeller (Major Overhaul) - At this time see Propeller log Book for T₁₉, T₂₀ checked found within ± 25 R.P.M. - AD 79-13-08 N/A on Airframe Vacuum Pump by model 200 CC S/P 8P-6200 - AD 79-26-05 N/A on Aircraft Metal Products oil + Fuel Lines O/P 762506 by none installed - AD 79-04-01 and 39-3570 + AD 79-21-08 + AD 79-26-03 all N/A on Bendix Fuel Injection by Model # RSA-5 ADI Parts list # 252 4052-4 S/P 58 398/20 & no log Book entry of Repair or Overhaul between dates - Engine ground run checked ok - AD 58-12-01 (Cont'd on following Page)</p>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. N 9398 U

[illegible]

ENGINE LOG SERIAL No.

[illegible]

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
12/24/50			Changed oil Tech 286.96 Phillips 20W-50 Sgt J. K. K.		
3/28/50			changed oil Tech 219.78 Phillips 20W-50 Sgt J. K. K.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. 9398V

[illegible]

ENGINE LOG SERIAL No.

[illegible]

ENGINE LOG

SERIAL No.

N9398V

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
22 July 80			Oil changed (Sant Aeroshell W) oil + Fuel System checked - Ditch Compens checked #1 7/8 #2 7/8 #3 7/8 #4 7/8 - Spark Plugs cleaned, Gapped & Tested - Magneto Temp checked - Air Filter cleaned - Replaced at 2 cylinder Push Rod Housing Seals Installed New Air Intake Flex Coupling - AD 81-15-03 N/A on Air Filter by rat Bracket Model - AD 81-17-01 N/A on Bendix Starting Vibrator P/N 10-176487-121 - AD 81-15-04 R2 And 3-4395 Vacuum Flare Model Engine Oil Pump In Calibration Zone as per New (TIT 105844) - AD 80-25-07 R1 N/A on Stewart Warner oil cooler by model 8432F 1-S/N 845 - Engine Good Run checked ok - AD's thru 82-14 checked ————— (Continue following page) —		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. 19378 ✓

SERIAL No. 19398V

[illegible]

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
11/20/82			oil change - Phillips 20w-50 Tach 440.23 J. McKee		
5/19/83			oil change Phillips 20w-50 Tach 463.56		
5/21/83			changed spark plugs - Installed New Champion REM-38E Tach 463.61 J. McKee		
4/11/83			Replaced Ignition Harnesses with new Bendix Brand Harnesses # 10-72100.5 4PK Run up - Set. satisfactory Tach 466.62 J. McKee		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
August 4, 1983			TACH = T.T. = 1140.65 TACH 493.65		
Fitchburg-Colonial Aviation			1) Comp check 1/74 2/76 3/73 4/76 11/80		
Municipal Airport			2) Change oil and check screen. install 2 QTS.		
Fitchburg, Mass.			20-50 Phillips oil. CK mag points and timing		
617-845-0378			clean and gap plugs. Filr and paint prop		
			check and lube controls.		
			3) Remove muffler (have welded) reinstall muffler.		
			4) R+R Exhaust pipe rubber mount		
			5) Gunk Engine and cowling		
			→ cont on next page →		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
August 4, 1983			Tech 493.65 Total time 1140.65		
Fitchburg-Colonial Aviation Municipal Airport Fitchburg, Mass. 617-345-0378			6.) R+R Scat to Ruffler shroud 7.) RTV wire to alternator filter 8.) R+R starter Ring 9.) R+R starter bendix and front bearing in starter 10.) R+R alternator Belt 11.) R+R scat to cabin heat box 12.) Remove oil drain hose to prevent inadvertent oil drainage → cont on next page →		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICEN. NUMB.
	Hrs.	Min.			
August 4, 1983			Tach 493.65 Total time 1140.65		
Fitchburg-Colonial Aviation Municipal Airport Fitchburg, Mass. 617-345-0372			13.) Patch front left baffle by baffle rod 14.) Run-up etc and check for leaks none found @ this time Date 8/4/83 Tach. 493.65 / 1140.65	Timothy J. Dement AP0291022	
			I certify that this <u>Engine</u>		
			has been inspected in accordance with	Fitchburg-Colonial Aviation	
			<u>annual</u> inspection and is in an	Municipal Airport	
			airworthy condition.	Fitchburg, Mass. 617-345-0372	
			<u>Arnold Loyd # IA1477807</u>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

[illegible]

ENGINE LOG SERIAL No. _____

LICENSE NUMBER	SIGNATURE	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	DATE	
			TIME	Hrs. Min.

4/20/84 8:00.5

- 1) change oil of screen installed 7qt
- Phillips 20W50AD oil sample taken
- 2) New up oil for leak after this time

John C. Gray
1800035321592

Page Total	Brought Forward	Total to Date
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All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
Sept	7,	1984	TACH 697.0 HRS.		
			I Certify That This Eng Has Been Insp		
			I.A.W. An Annual Insp And Was Found To		
			Be In An Airworthy Cond.		
			- Comp #1 $7\frac{1}{80}$ #2 $7\frac{1}{80}$ #3 $7\frac{1}{80}$ #4 $7\frac{1}{80}$		
			- Changed Oil And Cleaned Screen's Using		
			7 Qts. Of Phillips 20 w50. Oil Sample Taken		
			- Tightend Lose Center Pole On Oil Temp Sending		
			Unit.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			- Ran Up Leak Checked And Tested Okay	Brian G. Thomas A+P 17443627(IA)	
Oct 5, 1984			Remove Both L/H Bank Cylinders To Repair Oil Leak And Reinstalled With New Gaskets And Seals. All Work Performed I.A.W. Maint Manual	Brian G. Thomas A+P 17443627	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

WARRANTY

All engines warranted against defect in material and workmanship to 200 hours or 1 year which ever occurs first, to include parts and labor. An additional pro-rated warranty, parts only to 600 hours on direct drive engines and 400 hours on geared engines. All parts and labor to be approved by City Engines prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. All warranty adjustments will be based on a minimum of 30 hours per month usage. Accessory items to be warranted by vendor of such items.

city engines inc.

Box 236

Orange, MA 01364

FAA

Repair Station
E 19-98

 **AVCO** LYCOMING DIVISION
WILLIAMSPORT, PA. 17701

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF Avco Lycoming T0-360-A1A L-6796-51A
MAKE MODEL SERIAL

FROM 11-30 19 84 TO _____ 19 _____

DETAILING TIME FROM 1376.8 0 SMOTH TO _____
HOURS HOURS

SSP 1872

June 1972

This is to certify that the engine as described hereafter has been major overhauled to manufacturers new parts limits by CITY ENGINES, INC. Engine disassembled, cleaned, and inspected in accordance with manufacturers instructions. All steel parts magnafluxed.

A description of these repairs is on file at this agency under:

Job # 1026

Date 11/30/84 Time in service 1376 0 SMOH hours

Signed Ronald Yarn

city engines inc.

Box 236
Orange, MA 01364

FAA
Repair Station
E 19-98

ENGINE DESCRIPTION

Mfgr. AVCO LYCOMING DIVISION	Place	WILLIAMSPORT, PA. 17701	Date	11-30-84
Type	Model	IO-360-A1A		
		Serial No.	L-6796-51A	
Rated H.P.	Max.H.P.	Weight (Dry) 729		
Rated R.P.M.	Max. R.P.M.	Oil Pressure		
Bore	Stroke	Displacement	Cu. In.	
Compression Ratio	Supercharger Ratio			
Reduction Gear Ratio				
Propeller	Hub Design	Hub Serial No.		
Blade Design	Blade Serial No.	Blade Serial No.		
Max. Hub H.P.	Max. Blade H.P.			
Pitch	Diameter	Length		
Name				
Address				

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			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.	REINSTALL THUS	
			Pertinent details of the repair are on file at this agency under work order	ENG IN MADE	
			No. <u>1026</u> Date <u>1-30-84</u>	N 9398U USINE	
			Signed <u>Ronald Brown</u>	NEW LORO MOUNTS	
			CITY ENGINES, INC.	PRESS & SERVO, NEW HARNESS	
			Certified Repair Station No. E19-98	PLUGS, OH ART, MOTO TRUCK	
			Orange Municipal Airport	SYSTEM INSTALLED AT THIS TIME	
			Orange, MA 01364		
			(617) 544-6962	ENG SERVICED WITH 430 MM OIL	
			AD NOTES THROUGH		
			12-11-84 COMPLETED WITH		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Each 72.9:0

ENGINE LOG SERIAL No. _____

[illegible]

ENGINE LOG SERIAL No.

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	CER TIFICATE NUMBER	Verify that this has been inspected in accordance with inspection and is in airworthy condition.	Tach
	Hrs.	Min.					
11/14/85			TACH 872:92				
			1) Comp CK 77, 78, 77, 78/80 Changed oil a CKed Screen, Cleaned & gapped spark plugs, checked timing, CKed Contacts & lubed, Cleaned injectors & fuel Screens. Idle'd eng.				
			2) Removed Prop Sent to Piquet for Compliance of AD 77-12406 SEE CARD & Prop Tag.				
			3) adj'd Idle RPM				
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown			
			Brought Forward				
			Total to Date				

Signature: *[Signature]*
 Certificate Number: *141422827*
 Tach: *872:92*

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			4) ReR #2 Intake gasket		
			5) ReR oil filled neck Base gasket		
			6) Replaced Belts in LH Cool Flap		
			7) ReR Fuel pump Seat Hose		
			8) ReR oil Press hose hose.		
			9) Installed new Alternator Belt.		
			10) Installed New oil cooler hoses.		
			11) Installed Bracket Air filter.		
			12) Tuned Rth Magneto		
			<i>Donald J. Pyatt / H&P 1477827</i>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

SERIAL No.

[illegible]

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			CHANGE OIL FILTER-SCREEN, COMP TEST 78/80 ALL OK REPLACE AIR FILTER, REPLACE ROCKER CASSETS - OK DO NOTES ON PAGE - 11-14-86		
			<div style="display: flex; justify-content: space-between;"> Total Aircraft Time 912 TAIL </div> <div style="display: flex; justify-content: space-between;"> This engine has been inspected in accordance with a </div> <div style="display: flex; justify-content: space-between;"> inspection and was determined to be in airworthy condition. signature </div> <div style="display: flex; justify-content: space-between;"> Authorized Signature <i>[Signature]</i> </div> <div style="display: flex; justify-content: space-between;"> Authorized Signature </div>		
			<div style="text-align: center;"> CITY ENGINES, INC. Orange Municipal Airport Orange, MA 01364 (617) 544-6962 </div>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
4/12/87			Oil changed added 7 qts shell 15w-50 added Tach 1016.9 Jay Marshall		
4/13/87			Oil changed added 7 qts shell 15w-50 Tach 1064.2 Jay Marshall		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			Drain oil clean pump Clean fuel injector nozzles Comp 74/80 or better		
			Mag 25° BTc Harness Test Tighten + Loosen Box screws		
			Repair CHT wire Clean oil screen Check Thrust Bolts for Looseness Repair		
			overhead Vent Cable remove prop send out New Blades New England		
			prop also send out for fuel line lines no leaks		
			Replace air filter AD75-09-08 (w/ Engine M.T.)		
			Wash engine intake		
			Visually inspect Engine + Com M.T.s		
			Muffler Exhaust Stack + Hangers		
			Change oil 747150-50		
			Run up P.O.K.		
			ITD's C/w lister		
			Page Total		
			Brought Forward		
			Total to Date		

Date January 23, 1987

I certify that this aircraft engine has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.

TIME 1:45 PM

SIGNED Charles Rhonoy APP 40341-1A

LIC # PIONEER AVIA CORP TURNERS FALLS MASS.

PHONE 413-863-9394

and Certificate Number MUST be shown.

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2-9-89			400.3TSMO# 1777.1 TT Eng Diff Comp ✓ 1-75/2-74/3-78/4-78 changed oil w 7 Qts Aeroshell 15/50 clean & Insp screens OK, Replaced w new Rem 38E Spark Plugs (8), Replaced case nose seal, alternator belt & alt. Mnt Bolts, starter Bendix, air filter, Prop oiling, #4 INT. Nossle, cleaned fuel injectors, Insp Magneto Points OK & ✓ timing OK, Retune #3 cyl, tighten oil filler tube & Resaftey, tighten oil Return lines, Replace Prop Control Bolt on Governor, Repaired 1, 2 & 4 injector lines (leaking), Repaired #3 cyl shroud seal Reposition, Replaced 3 Rocker-Box Gaskets - Remove & Install Prop & safety w new cring →		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			test Run OK.		
			1102.1 4003 T.S.M.A.H. DATE 2-9-89 TOTAL TIME 1777.1 HRS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. ANDREW LIEBFRIED AI 30427175		
			Note total time & tach Diff 647 hr		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LUU SERIAL No.

[illegible]

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
02-02-90	1194	.08	① Engine IO-360-A1A ^{S/n} L-6796-S1A Removed From ^{A/c} due to cracked case.	Paul J. Lominer A+P011607606	
..... End		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

DATE 2/23/90 TACH. 1194.08 TT 1841.08

IO-360-A1A S/N L-6796-51A

Engine disassembled as required for case replacement.

Reassembly per 60294-7-4 and SSP1776 with components

per adjacent. Top w/new pistons, rings, and ex. guides.

RESTAMPED DATA PLATE TO 20° PER SI# 1325A

PENN YAN AERO SERVICE, INC.

Airport, Penn Yan, New York 14527

W.O. No. 10194

APPROVED REPAIR STATION NJ1R350K

H. G. Krumpal

Authorized Signature

ENGINE LOG SERIAL No. 700019

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
04-2-90	11	44	ANNUAL "1990"		
			① Installed Engine and accessories on moony		
			MADE 5/17/0019 N9398V.		
			② Inspected Per Moony Annual inspection guide.		
			③ Installed oil filter and 8qts mineral oil		
			④ Removed and replaced all flexible fuel and oil		
			hoses, except both oil cooler lines w/ new.		
			⑤ Cleaned and painted All engine baffles, Repaired same.		
			⑥ R+R All starter brushes, cleaned commutator same.		
			⑦ R+R All Scott hoses w/ new.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Page 1 of 3

Continued →

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			Annual 1990 Continued		
04-01-90	14	00	⑧ Fabricated new map line from seamless tubing.		
			⑨ Clean + gap spark plugs, remove and clean injectors. Check points on both mags. Check alternator brushes for wear.		
			⑩ Rerigged prop control, due to installation of oil filter adapter. Dressed, greased, and painted prop.		
			⑪ R+R Air filter.		
			⑫ Complied w/ All AD's to Date		
			90-04-06 R+R Governor Line + supports w/ new		
			76-07-12 Bendix Switches at runup.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

Page 2 of 3

Continued →

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
09-21-90	11	00	<div style="text-align: center; font-size: 1.5em; font-weight: bold;">Annular 1990 Continued</div> <div style="font-size: 1.2em;">(B) Runup engine and leak check, no leaks found.</div>		
			<div style="text-align: center;"> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> FITCHBURG COLONIAL AVIATION INC. Acft Sales, Service, Parts, Charter Municipal Airport FITCHBURG, MA 01420-6895 (508) 345-0373 FAX # 508-345-5795 </div> </div>	<div style="font-size: 1.2em;">Date <u>09-21-90</u> Tech. <u>1194.00</u> <u>470.4 SMOH</u> <u>ENGINE</u></div>	
				<div style="font-size: 1.2em;">I certify that this</div>	
				<div style="font-size: 1.2em;">has been inspected in accordance with a</div>	
				<div style="font-size: 1.2em;"><u>Annular</u> inspection and is in an</div>	
				<div style="font-size: 1.2em;">airworthy condition.</div>	
			<div style="font-size: 1.2em;"> <u>Paul J. Gorman</u> ATP 01607606 </div>	<div style="font-size: 1.2em;"> <u>Steve C. Myers</u> # <u>FA75624592</u> </div>	
			End		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
4/8/90	12	13.49	Changed oil & filter installed 8qts Phillips mineral oil CH48110 Run up cb for leak at @ this time <i>Stephen C. Gey</i> PID 25526042		
8-27-90	12	44.60	CHANGED OIL FILTER - INSTALLED 8QTS 15-50 SHELL CH 48110 FILTER RUN-UP CHECKED FOR LEAKS <i>John Howard</i>		
10-19-90	13	58.55	10-21-90 Tach 1259.5 see next page sln 901423 ① Installed McCauley 3 Bladed prop Model C3D36C415-C as per ATC SA 704NE. Runup and checked - all functions normal - Balanced w/ Chadwick Helminth equip. End —		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. <i>John Howard</i> AF 114485882	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
9/					
21 JAN	1264	94	CHANGED OIL + FILTER, FILTER CH48/110 8 QTS 15W50. AmcoShell ENGINE GROUND RUN + leak check OK. Reinstalled TOP + SIDE PANELS.		
			Atty Charles Melt		23561866
10-21-90	Tad	1259:5.			
			(1) Replaced CHT probe w/ new unit & tested calibration using Alcat calibration unit - w/in $\pm 10^{\circ}\text{F}$.		
			(2) Injector nozzles o.i.t. by Precision Fuel Systems - p/n 2524107 Installed and flow checked.		
			(3) Performed Diff. compression test - all 72-74/80 psi.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
	(4)		Balanced prop using Chadwick Helmutz Equip - tested to below .1 FPS - no weights required.		
	(5)		Rumpf leak check - none at this time		
			— End — John J. LaAAAPVY85822		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5-17-91			Compression #1 76/80 #2 79/80 #3 78/80 #4 78/80 Changed oil Filter + OIL CH 48103 89ts 15/50 shell Cleaned Injection valves - Torque to Specification. Cleaned Air Fuel + oil screens.		
			Date <u>5-17-91</u> Total Aircraft Time <u>1927.50</u> TACH <u>1280.5</u> SMOH <u>556.9</u>		
			I certify this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in <u>airworthy condition.</u>		
			Signature <u>John Capriano</u> A. & P. No. <u>24308531 (1A)</u>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5-17-91			1280.5 Replaced spark plugs with R&M 38E (8 plugs) 1A Flub Cap and 24308531 AP		
			End		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

98V
7-1-91
Tach 1284

Mattituck Airbase, Inc.
Mattituck, New York 11952
FAA Repair Station QX2R125L
SERVICEABLE PARTS TAG

W.O. NO. 42229 SER. NO. 16005
OWNER PENN YAN AERO PART NO.
PART NAME SERVO
REMARKS

OVERHAULED & TESTED

DATE 6-14-91 INSPECTOR A. Slipnorki

SERIAL No. _____

SIGNATURE
LICENSE
NUMBER

254469 13451C
ced Fuel SERVO
supplied by Penn Yan
19948. Engine
How to Service
New 1A1428101A
removed all
striking valves.

reinstalled all parts & used all new seals &
gaskets Test Flow & Return to Service
EK. Rem 1A1428101A & P

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement
of a Certificated Mechanic, and his Rating
and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3-9/			<p>1289:00 Removed & Replaced Fuel SERVO 2524469 S/N 15005 supplied by PennYanna Aero Service Inc. Doc #14948. Engine Test Run & Flown. Return to Service EK Room 1A1428101ADP</p>		
11			<p>1289:00 Removed valve covers removed all valve springs to check for sticking valves. reinstalled all parts & used all new seals & gaskets Test Flow & Return to Service EK Room 1A1428101ADP</p>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
8-3-91	12	39.0	Prop balanced w. H. Chabwick Helmholtz sys. added weights at respective areas. Return to Service 1A 1428101A & P 1428101. E. K. Brewer		
10-5-91	1308	80	CHG OIL & FILTER - 48110 CHAMPION 8 QTS 15-50 AEROSHELL GROUND RUN & LEAK CHECKED <i>James M. Burd</i>		
5-17-92	1321	160	CHG OIL & FILTER 48110 CHAMPION - 7 QTS 15-50 AEROSHELL GROUND RUN CHECK FOR LEAKS <i>James M. Burd</i>		
8-13-92	1345.0		CHG OIL & FILTER 48110 CHAMPION - 8 QTS AEROSHELL 15-50 GROUND & CHECKED FOR LEAKS <i>James M. Burd</i>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

"Annual 92"

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			① Completed annual Insp. & servicing using Mooney Insp. Guide.		
			② Compression test 78, 78, 76, 78/80.		
			③ Replaced induction air filter element.		
			④ Checked mag timing - w/in spec.	Date 6-6-92	Tach. 1326:25
			⑤ All controls checked for travel and security - lube same.	I certify that this Engine	
			⑥ Cleaned all fuel screens.	has been inspected in accordance with a	
			⑦ Run up & leak check - none	Annual inspection and is in an	
			This time - End	airworthy condition.	
			Signature: [Signature] # AEP 147283 7TH		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> FITCHBURG COLONIAL AVIATION INC. Aft Sales, Service, Parts, Charter Municipal Airport FITCHBURG, MA 01420-6895 (508) 345-0373 FAX # 508 345-5795 </div> <div style="width: 65%;"> 8-21-92 Tech 1345:38 62154 Smo H </div> </div>					
			① W Lyco S.B. 388 B Value Guide & valve inspection - all guide reamed per Bulletin, all Rocker cover gaskets changed -		
			② c/w Lyco SB 225 B Value rocker arm clearance inspection all found within limits.		
			③ Adj. prop gov. high RPM screw up 50 RPM.		
			④ Pump and checked no leaks - all functions normal.		
			Bud — <i>[Signature]</i> A P 11448580		
			<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Page Total Brought Forward Total to Date </div> <div style="width: 50%;"> All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. </div> </div>		

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5-27-93	1363	07	CHANGED OIL & FILTER 80TS 1550 AEROSHELL CH 48110 CH AMP. FILTER RUN-UP TEST FOR LEAKS <i>[Signature]</i>		
6-12-93	1380	80	CHANGED OIL & FILTER 70TS MOBIL AV-1 SYNTHETIC CH 48110 FILTER RUN-UP TEST FOR LEAKS <i>[Signature]</i>		
7-12-93	1410	70	CHANGED OIL & FILTER 80TS 1550 AEROSHELL CH 48110 FILTER RUN-UP TEST FOR LEAKS <i>[Signature]</i>		
6/24/93			" " Annual 93 TACH: 1382.3		
			(1) Completed Annual inspection & Servicing using Mooney Inspection Guide		
			(2) compression ✓ Results (1) 77/80 (2) 78/80 (3) 78/80 (4) 78/80 (CONT.)		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

(Annex 73 cont.)

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			(3) Retorqued All Sump bolts As needed		
			(4) checked mag timing Found w/in specs.		
			(5) checked All controls checked for travel & security bubed same		
			(6) cleaned Fuel Screens, Fuel inj. nozzles, Strainer		
			(7) Resaturated oil Filter		
			(8) complied w/ SB 342A Fuel inj. lines. installed 2 dcl clamps & Brackets P/N 17312454		
			Adjusted A/T Belt tension & Tightened Oil Filter neck		
			(9) Tightened All RBC screws		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

(CONT)

(Annual 93 cont) ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6/24/93					
			(10) C/W Bendix ig SW AD26-07-12 no disc. noted		
			@ this time next insp due next annual.		
			(11) Lubed starter Bendix w/ Silicone		
			(12) Wash & clean engine		
			(13) Adjusted idle mixture as needed Per specs.		
			(14) Ran up A/C & ✓ For leaks none found @ this time		
M. N. N.			Date 6/24/93 Tach. 1582.36 612.965 MOH		
AP3354523			I certify that this Engine		FITCHBURG COLONIAL AVIATION INC.
			has been inspected in accordance with a		Aft Sales, Service, Parts, Charter
			Annual inspection and is in an		Municipal Airport
					FITCHBURG, MA 01420-6895
					(508) 345-0373
					FAX # 508-345-5795
			Page Total		All Repair Data Must Bear the Endorsement
			airworthy condition		of a Certificated Mechanic, and his Rating
			Brought Forward		and Certificate Number MUST be Shown.
			Total to Date		

DATE 6/80/94
"ANNUAL 94"

SERVICE Bulletins, Letters, Instructions & A D Notes

TACH: 1435.56

- ① Performed Inspection and Servicing
per mooney Inspection Report
 - ② Comp ck: #1 77/80 #2 79/80 #3 79/80 #4 79/80
 - ③ changed oil and filter installed BGTS 15W-50 AERUSHELL
CH4B110
 - ④ Clean and gapped spark plugs checked
mag timing
 - ⑤ Replaced ign lead FROM MAG TO spark plug
Cyl #2 lower.
 - ⑥ Re-tightened crank case lower bolts
and Sealed case HAIF with Permatex Sealer.
 - ⑦ Replaced VAC pump drive shaft garlock seal
with new also new gaskets.
- (cont)

DATE 6/20/94

Service Bulletins, Letters, Instructions & A D Notes

⑧ C/N AD 93-02-05 Fuel Int line In Section
Inspected lines. Per SB342A Serviceable ⑨ This
Time. Next due 100hr Tach: 153550.

⑨ C/N AD 76-07-12 Bendix Switch Pos Off Serviceable
⑩ This Time Next due 100 hr Tach: 153525G

⑩ Wasted Engine Run up leak checked none found
⑪ This Time.

⑪ Cleaned all Fuel Screens and vent nozzles

END

FITCHBURG COLONIAL AVIATION INC.

Aircraft Sales, Service, Parts, Charter

Municipal Airport

FITCHBURG, MA 01420-6895

(508) 345-0373

FAX # 508-345-8795

Date 6/20/94 Tech. MP 10572469
665.96

I certify that this Engine

has been inspected in accordance with a

Annual inspection and is in an

airworthy condition

N. Corbett

AF 14718272A

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

7-8-94 Tach 143612. 707 smoh

- ① Removed ex. muffler outlet stack - Fabricated and
and welded repair at elbow. Reinstalled w/ new
hardware - End - *[Signature]* A+DIV/85882

DATES:

8-25-94 TACH 1460.40 CHANGED OIL & FILTER CH 48110 FILTER
8 QTS 15-50 AEROSHELL - RUN & TEST FOR LEAKS OK

[Signature]

3-18-95 TACH 1483.50 - CHANGED OIL & FILTER CH 48110 FILTER
8 QTS 15 50 AEROSHELL - RUN-UP & TEST FOR LEAKS

[Signature]

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

① New Engine log Book started this DATE 7/7/95

TACH: 1499.2

END

~~Eg. 10582467~~ AP 10582467

Tach 1499.2

TTAF 2146.2

TTE 2146.2

SMOH 770.2

Inpen AP 181578862

10-27-03

(Tach 1840.06 this date)

Engine Record General Information

Manufacturer Lyco Model IO-360A1A

Serial L6796-51A Type Certificate

This engine is currently installed in aircraft: 9398V

Minimum Octane Fuel Oil Grade Summer Winter

Magneto Time Point Setting Firing Order

Spark Plug Gap

Manufacturer's Recommended Overhaul at hours

Maintenance Release

The aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repairs are on file at this repair station under Work Order # 46312

Dated 07-05-95

Inspected By [Signature]

Cert. # _____

SERVICEABLE

Name Fitchburg Colonial Aviation
Unit exhaust system components

Aircraft Mooney M20E ID# _____

Disposition repaired

Reason For Removal _____

Removed By _____ Date _____

A D or Service
Bulletins

Work
Performed

FAA Certificate No.

NJ5R069N

DAWLEY AVIATION

140 INDUSTRIAL DR.

BURLINGTON, WI 53105

1-800-338-5420

TS

④ Rte Air Filter Element Installed BA 6305
Element.

⑤ C/W Lyeing SB578 Inspection of Thermo
By Pass Valve Found OK For Serv
Next Due Annual 96.

⑥ Re Adjusted Air Belt Tension. Re Sealed
Belt.

⑦ C/W AO 93-02-05 Fuel Inj Line Insp.

5	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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① New log Started This DATE 7/7/95
This TACH: 1499.2. This is Book 2 of 2.

END — E. J. [Signature] Atp 10582467

95 TACH: 1499.2

"ANNUAL 95"

① Serviced and INSPECTED ENGINE per
MOOREY INSPECTION REPORT.

② Comp CK: $78/80$ $78/80$ $78/80$ $78/80$

③ Removed clean and gapped SPARK PLUGS
ReINSTALLED. OK MAG timing.

④ Rte AIR FILTER Element INSTALLED BA6305
Element.

⑤ C/W [unclear] S3516 INSPECTION OF Thermo
B, PASS VALVE FOUND OK FOR SERVO
NEXT Due ANNUAL 96.

⑥ ReAdjusted AIR BEAT TENSION. ReSealed
BATT.

⑦ C/W A0 93-02-05 Fuel INS line Insp.

DATE 19 <u>95</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/7				<p>C/W By inspection of lines and clamps All found OK for service. Next due ANNUAL 96</p> <p>⑧ Remains and sent muffler too early for repair see yellow tag.</p> <p>⑨ WASHED engine Run & leak checked none found @ this time.</p> <p>— END —</p> <p><i>[Signature]</i> AIP29523345</p> <p>Date <u>7/7/95</u> Tach. <u>1499.2</u></p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and is in an airworthy condition</p> <p><i>[Signature]</i> <u>AIP40742724</u></p>
FITCHBURG COLONIAL AVIATION INC. Acft Sales, Service, Parts, Charter Municipal Airport FITCHBURG, MA 01420-6895 (508) 345-0373 FAX # 508-345-5795				
7-7-95				
Tach	1499.2			
TTE	2146.2			
SMOH	770.2			

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 95				
10-3-95	1523A			CHANGED OIL & FILTER BOTS 15-50 AEROSHELL TEST RUN FOR LEAKS CHAMP 48110 FILTER Gene M. M. M.
8/15/96	TACH: 1546.19	SMOH: 817.19	"ANNUAL 96"	<p>① Changed oil and Filter installed BOTS 15W-50 AEROSHELL CITYBELL FILTER</p> <p>② Comp ck: ① 77/80 ② 77/80 ③ 77/80 ④ 78/80</p> <p>③ Inspected and Serviced Engine per MOOREY ANNUAL INSPECTION Report</p> <p>④ C/W Lyco SB518 Inspection of Thermo By Pass Valve Found OK for Service Next Due ANNUAL 97.</p> <p>⑤ C/W AD 93-02-05 Fuel INT line Inspection Found all lines OK for Service Next Due ANNUAL 97.</p> <p>⑥ Rtr Air Filter Element installed New BA-6305,</p> <p>⑦ Rtr All SPARK Plugs installed REM38E.</p>

DATE 19 96	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/15				<p>⑧ checked MAG timing within spec.</p> <p>⑨ Rm R.B.C gaskets with new Cyl #2, #3.</p> <p>⑩ Replaced oil Cooler Hoses made Hose and installed clamped for prop support.</p> <p>⑪ Removed and replaced Engine BAFD Seal with new Silicon BAFD Seal checked and tried for fit.</p> <p>⑫ WASHED ENGINE Run up leak checked now found e this time.</p>
<p>END - E. J. Allen</p> <p>FITCHBURG COLONIAL AVIATION INC.</p> <p>Aircraft Sales, Service, Parts, Charter Municipal Airport FITCHBURG, MA 01420-6895 (508) 345-0373 FAX # 508-345-5795</p>				<p>APB52467 Date 8/15/96 Tach 1546:19</p> <p>I certify that this ENGINE</p> <p>has been inspected in accordance with</p> <p>ANNUAL inspection and is in an</p> <p>airworthy condition</p> <p>W. J. May Jr. AIP1477827IA</p>

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-23-96	1565.6			CHANGED OIL 8QT 15-50 Aeroshell & Filter CHAMP 48110 FILTER-RUN-TEST FOR LEAKS <i>Longman</i>
6-24-97	1589.26			CHANGED OIL 8QT 15-50 AERO SHELL CHAMP 48110 FILTER-RUN-UP TEST FOR LEAKS <i>Longman</i>
9/18/97	TACH: 1618.60		SMCH: 889.6	"ANNUAL 97" ① Serviced and inspected engine per Mooney Annual Inspection Report. ② Comp CK: ① 77/80 ② 78/80 ③ 78/80 ④ 74/80 ③ Changed oil and Filter installed 8QTS 15W-50 AERO Shell CH 48110 Filter, cleaned suction screen. ④ C/W Lyco SB 5/8 Thermostatic Bypass Valve Inspection Found good for service next inspection Due ANNUAL "98" ⑤ C/W AD 93-02-05 Fuel Int line Inspection C/W By Inspection no disc. Found @ this time Next Due ANNUAL "98"

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/18				"ANNUAL 97"
				(6) Removed and Replaced Air Filter Installed new BA-6305.
				(7) Removed and Replaced BOTH MAG BASE gaskets ReINSTALLED MAGS Timmed to spec.
				(8) Cleaned and gapped SPARK plugs
				(9) Wasted ENGINE Run up leak checked none Found @ this time.
				END
				<div style="display: flex; justify-content: space-between;"> <div> <p><i>P. Hiss</i> AIT 033486529</p> <p>FITCHBURG COLONIAL AVIATION INC. A/cft Sales, Service, Parts, Charter Municipal Airport FITCHBURG, MA 01420-6895 (508) 345-0373 FAX # 508-345-5795</p> </div> <div> <p>Date <u>9/18/97</u> Tech. <u>ilb/8.60</u></p> <p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>Annual</u> inspection and is in an airworthy condition</p> <p><i>E. J. Hiss</i> # <u>ATP 105824671A</u></p> </div> </div>

DATE 1998	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/11/98	TACH: 1643.60			<p>① Changed oil and Filter Installed 8QTS 15W-50 AERO Shell, CH48110 Filter.</p> <p>② Removed and Replaced MAINFOLD pressure line With new MAINFOLD pressure gage ops TEST good.</p> <p>③ WASHED ENGINE Run up leak checked none found at this time. ———— END ———— E. J. H. ———— AIP10582462</p>
				<p>TWIN CITY AIRMOTIVE, INC. Fitchburg Municipal Airport Fitchburg, Ma. 01420 Tel 978-342-8700 Fax 978-342-4333</p>
8/3/98	TACH 1673.2			<p>CHANGED OIL & FILTER 8QTS AEROSHELL 15-50 48110 FILTER RUN-UP & LEAK CHECK <i>Anthony M. Luna</i></p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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November 2, 1998

1691.7: Hobbs Time

November, 1998 Annual Inspection

Twin City Airmotive Inc.
Fitchburg Municipal Airport (F17) Fitchburg, MA. 01420
978-342-8700 tel. 978-342-4333 fax.



1. Serviced and inspected engine per Mooney Inspection Guide.
2. Compression Check: #1 72/80, #2 75/80, #3 74/80, #4 76/80.
3. Removed, cleaned & Gapped Spark Plugs. Reinstalled. Checked Mag Timing.
4. Serviced engine with 8 qts Aeroshell (Furnished by owner) and changed Filter CH48110 (furnished by owner).
5. Replaced Brackett Air Filter (Furnished by owner).
6. Visually inspected Alternator Belt. OK at this time.
7. C/W Lyco SB518 Thermostatic By-Pass Valve Inspection- Found good for service. Next inspection due at next annual.
8. C/W AD93-02-05 Fuel Injection Lines-By Inspection. No discrepancies noted at this time. Next inspection due at next annual.
9. Washed engine. Run up and leak checked. None found at this time.

ERIC J. STEIGELMAN
A&P 10582467

Date 11/2/98 Tach. 1691.7 End

I certify that this ENGINE

has been inspected accordance with

ANNUAL inspection and is in an

airworthy condition

A&P 10582467 JA

TWIN CITY AIRMOTIVE, INC.
Fitchburg Municipal Airport
Fitchburg, Ma. 01420
Tel 978-342-8700
Fax 978-342-4333

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 99				
28 JUNE	1715.27			CHANGED OIL & FILTER - 8 QTS 15-50 AEROSHELL CHAMP 48110 FILTER - RUN-UP LEAK TEST OK <i>[Signature]</i>
				"Annual 00"
1/4/00	1737.57	TACH		1008.57 TSMOH
				Complied with all items pertaining to a 100 hr inspection per Mooney checklist. Compression test 80 psi as follows: 72 74 76 76. Changed oil & Filter. Inspected filter element & suction screen for particles. None noted at this time. Serviced engine w/ 7 qts Aeroshell 15w50. Cleaned, gapped, tested & reinstalled spark plugs. Cleaned and reinstalled fuel injector nozzles. Replaced engine induction air filter element & duct assy w/ new.

DATE 2000 18	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1/4/00	Cont..			<p>Replaced all engine Flexible Fluid hoses with new at this time. Installed EZ heat sump pad heater. Re-torqued rocker cover gaskets. Re-set L/R mag timing to specs. C/w AD 93.02.05 by visual inspection and replacement of injector line clamps. Re-set governor high rpm. stop to obtain correct take-off rpm. Run-up leak & ops if satisfactory. I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition. —END—</p> <p style="text-align: right;">J. M. f. AEP35460683</p>

Complex

P.O. Box 273
Fort Deposit, Alabama 36032 USA
334/227-8306
FAX 334-227-8596

ELECTROSYSTEMS, INC.

WARRANTY DATA CARD

The following information must be supplied when requesting warranty consideration.

MFR Electro P/N ALY852R A110612

DATE INSTALLED

3-1-01

DATE REMOVED

1755

TACH TIME

TACH TIME

OWNER'S NAME

GEORGE M. AWAD

ADDRESS

25 EDSON ROAD
OAKHAM, MA 01068

PHONE

RETAIN THIS CARD WITH AIRCRAFT LOG BOOKS

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1/4/00	1737.57			Inspected engine using checklist in conformance with FAR
	TSOIT 1008.57			43.15(c)(1). Inspected fuel injection lines per AD 93-02-05.
				Researched AD's to 99-25. I certify that this engine was
				inspected in accordance with an Annual inspection and was
				found to be in an airworthy condition. <i>IT</i> IT AD 2302812A.
11/17/00	1756.93			CHANGED OIL & FILTER 7QT 15-50 AEROSHELL CHAMP 4810 FILTER RUN-UP & LEAK CHECK OK <i>George M. Awad</i>

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

Liebfried Aviation, Inc.

(978) 343-6536

557 Crawford St.
Fitchburg, MA 01420

Date: 2-19-01

N#: N9398V

Hrs.: 1759

Tech: CHARLES MELLO

A&P: 23561866IA

Sign: 

Description of Work:

1. ENGINE ANNUAL. TAC 1759, TOTAL TIME 2406, SMOH 1030.2, SMOH PROP 501.
2. COMPRESSION TEST 70/ 77/ 78/ 77/ OVER 80 PSI.
3. CHANGED OIL AND FILLED WITH AERO SHELL 15-50.
4. INSPECTED OIL FILTER AND REPLACED WITH CH48110.
5. CLEANED OIL PICK SCREEN USING A NEW GASKET.
6. CLEANED GAPPED AND INSPECTED SPARK PLUS USING NEW GASKETS.
7. CLEANED SERVO INLET SCREEN.
8. CLEANED MAIN FUEL SCREEN. CLEANED INJECTOR NOZZLES.
9. CLEANED AND LUBED STARTER BENDIX. WASHED ENGINE COMPARTMENT AND LUBED ENGINE CONTROLS AND TIGHTENED HOSE CLAMPS.
10. REPLACED ALTERNATOR WITH ALY8520R S/N A1120612.
11. REPAIRED IGNITION LEADS CYLINDERS # 1,3,4.
12. REPLACED INTAKE GASKETS ON X4.
13. PERFORMED 500HR MAG INSPECTION; REPLACED LEFT DISTRIBUTOR GEARS 10-35754, POINTS 10-382585 X2, SNAP RINGS FELTS SEALS CASE SCREWS. RE IMPREGNATED DIST. BUSHINGS AND RESEALED DISTRIBUTOR BLOCK X1. ASSEMBLED, TIMED, INSTALLED, AND TIMED TO ENGINE.
14. PERFORMED SB388B .016/ .025/ .020/ .021. OK. NEXT DUE 2159 TAC.

CONT.

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

Liebfried Aviation, Inc.

(978) 343-6536

557 Crawford St.
Fitchburg, MA 01420

Date: 2-19-01

N#: N9398V

Hrs.: 1789

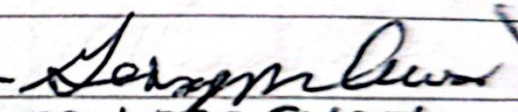
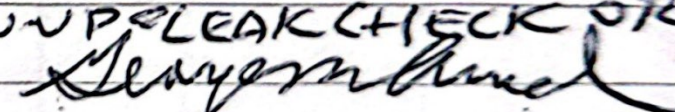
Tech: CHARLES MELLO

A&P: 23561866IA

Sign: 

Description of Work:

15. PERFORMED SB518 WITH NO DISCREPANCIES NOTED, NEXT DUE ANNUAL 2002.
16. C/W AD 96-9-10, R&R ACCESSORY CASE WITH ACCESSORIES TO REPLACED OIL PUMP GEARS WITH SL18109A-S AND OIL PUMP HOUSING SL78531. THE ACCESSORY CASE WAS SENT TO DIVCO FOR MODIFICATION PER SI 1341 AND RESURFACING OF THE PAD. UNDER W.O.62220. ASSEMBLED WITH NEW GASKETS. NO FURTHER ACTION IS REQUIRED.
17. OPERATIONAL CHECK, NO DISCREPANCIES NOTED.
18. ALL WORK WAS PERFORMED I/A/W THE MANUFACTURERS SERVICE RECOMMENDATIONS.
19. END.

12/2/01	1789.65			CHANGED OIL & FILTER 7 QTS 15-50 AEROSHELL CHAMP 48110 FILTER RUN-UP & LEAK CHECK OK 
1/6/03	1823.41			CHANGED OIL & FILTER 7 QTS 15-50 AEROSHELL CHAMP 48110 FILTER RUN-UP & LEAK CHECK OK 

DATE 2002 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 Technician or Repair Facility. (See back pages for other specific entries.)
4-9-02	1804.44 750 H 1075.64			Compressions #1 - 30/80 #2 - 25/80 #3 - 14/40 #4 - 35/80. Drained engine oil and cut open filter to inspect for metal. None found at this time. Replace CH48110 filter and 2 qts Aeroshell W100. Clean gap test and reinstall sparkplugs. Run up and inspect engine for leaks None noted at this time. Inspect all systems and accessories for operation and security of attachment. AD's checked and for thru 98-24-117
certify that this <u>engine</u> has been inspected in accordance with <u>annual</u> inspection and was determined to be in airworthy condition. Date <u>10 April 02</u> Tach. Reading <u>1804.44</u> Total Hours <u>750/1075.64</u> Signed <u>Arthur B. Kestner</u> <u>Arthur B. Kestner,</u> <u>A & IP 1B37978 IL AL</u>				I certify that this <u>engine</u> has been inspected in accordance with a <u>100 hour</u> inspection and was determined to be in airworthy condition at this time. Signature <u>[Signature]</u> Certificate <u>AP222567294</u> Date _____ Hours _____

05

ENGINE MODEL:

IO-360-A1A

19

ENGINE S/N: L-6796-51A

REG. NO: N9398V

WORK ORDER:

1591-01-2004

Ron's Aircraft Service, Inc.

Repair Station No. RJUR641K

2810 Perimeter Road, Suite 101

North Las Vegas, NV 89032

Phone: 702-646-6191

DATE: 1/27/2004

A/C TT: 2517.3

ENG TT: 2517.3

TMSOH: 1141.3

TACH: 1870.3

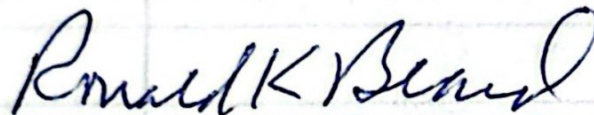
ion
of
ies.)

Engine Entries

Found wire broken for alternator field ground repaired wire all hardware torqued run up and ops check good.... Changed oil and filter. Service engine with Aeroshell 100. Ground operational and leak checked okay.

DATE: 1/27/2004

SIGNED:



Work Order: 1591-01-2004

Printed by EBis 3 (datcomedia.com)

2004

3-14-04

1897.0

WARM ENGINE, DRAIN OIL AND
CHANGE FILTER. REFILL WITH

7 QTS. A/S 100-50W

RUN UP ENGINE, NO LEAKS.

D. Treat A&P 2747236

W.O. _____

3/22/04

1902.55

REPLACE STARTER w/ PART # MZ-4222

TEST RUN ALL OPS CHECK NORMAL

D. Treat A/P 2747236

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 Technician or Repair Facility. (See back pages for other specific entries.)
5/26/04	1938.93			WARM ENGINE, DRAIN OIL & CHANGE FILTER, (CHAMPION 48110) REFILL W- A/S 100-50W DO RUN UP, NO LEAKS <i>CE Bul</i> LIC# S48726175
6-04-04	1941.36			100 HR INSPECTION (ANNUAL) AD 91-14-22 DUE PROP STRIKES/ O.H. CW AD 02-26-01 BY INSPECTION FF LINES + CLAMPS COMP TEST ① 80 ② 74 ③ 77 ④ 78 / 80 CLEAN 16AD SPARK PLUGS / TOP INSTALL NEW SPARK PLUGS, BOTTOM REM 38F INSTALL NEW INDUCTION FILTER BRACKET 13A 6310

OVER

DATE 2004 TS	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/27/04	1988.23			WARM ENGINE, DRAIN OIL, CHANGE FILTER (CHAMPION 48110) REFILL W/ A-S 100 50W DO RUN UP, NO LEAKS <i>CLB</i> LIC # 548726175
12/3/04	2045.88			WARM ENGINE, DRAIN OIL, REPLACE FILTER W/CHAMPION 48110-1 REFILL W/ A/S 100 50-W. RUN UP - NO LEAKS <i>CLB</i> LIC # 548726175
4/5/05	2098.20			WARM ENGINE, DRAIN OIL, REPLACE FILTER W/ CHAMPION 48110-1 REFILL W/ A-S 100 50-W. RUN-UP - NO LEAKS <i>CLB</i> LIC # 548726175
6/3/05	2151.31			WARM ENGINE, DRAIN OIL, REPLACE FILTER, W/CHAMPION 48110-1 REFILL W A/S 100 LIC # 548726175 EDW RUN UP - NO LEAKS <i>CLB</i>

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

(951)304-1292

FRENCH VALLEY AIRPORT-F70

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563

DATE: 7/8/05 REG# N 9398V MODEL: LYC IO-360-A1A S/N: L-6796-51A TACH: 2171.5 ENG.TT: 2818.5 TSMOH: 1442.5 WO: 00527

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 69, 2. 70, 3. 75, 4. 78, ALL OVER 80 PSI.
3. THE OIL AND FILTER WAS CHANGED, SERVICED THE ENGINE WITH AERO SHELL 100 W OIL. AN SAMPLE WAS TAKEN AND SENT IN FOR TESTING.
4. CLEANED AND GAPPED THE SPARK PLUGS. INSTALLED 4 NEW REM 38 E SPARK PLUGS.
5. MAG TIMING WAS CHECKED. ADJUSTED THE MAG TIMING TO 22* BTC.
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. INSPECTED THE ALTERNATOR AND ALTERNATOR BELT.
9. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 05-13.
10. ENGINE CONTROLS WERE CHECKED FOR TRAVELS.
11. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL ANNUAL INSPECTION AND ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILEDA

Bill Daileda

A&P 1910299 IA

AIRCRAFTERS, INC.

DATE: 12/17/05 MODEL: MOONEY REG #: N9398V TACH: 2281.6 W.O.: 052854

1. TIGHTENED THE ALTERNATOR BELT.
2. CHARGED THE AIRCRAFT BATTERY.
3. THE ALTERNATOR SYSTEM WAS CHECKED AND WAS FOUND TO BE CHARGING. NORMAL.

THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH APPLICABLE FARs AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE.

BILL DAILEDA

Bill Daileda

A&P1910299

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 Technician or Repair Facility. (See back pages for other specific entries.)
10/2	2222.5			WARM ENGINE, DRAIN OIL, REPLACE FILTER w/CHAMPION 48110-1. REFILL w/A-S 100 SOW DO RUN-UP, NO LEAKS <i>CLBL</i> LIC #548726175
12/9	2275.01			WARM ENGINE, DRAIN OIL, REPLACE FILTER w/CHAMPION 48110-1. REFILL w/AS 100 SOW. DO RUN-UP NO LEAKS LIC. 548726175 <i>CLBL</i>
2006				
2/16	2328.93			WARM ENGINE, DRAIN OIL, REPLACE FILTER w/CHAMPION 48110-1. REFILL w-A/S 100 SOW DO RUNUP NO LEAKS LIC #548726175 <i>CLBL</i>

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

AIRCRAFTERS, INC.

(951)304-1292

FRENCH VALLEY AIRPORT-F70

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563

DATE: 8/7/06 REG# N 9398V MODEL: LYC IO-360-A1A S/N: L-6796-51A TACH: 2405.3 TSMOH: 1676.3 WO: 063034

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 67, 2.O/H, 3. 73, 4. 74, ALL OVER 80 PSI.
3. REMOVED THE # 2 CYLINDER DUE TO LOW COMPRESSION. DISASSEMBLED, CLEANED , INSPECTED THE CYLINDER AND PISTON. DYE CHECKED THE CYLINDER, GROUND THE SEATS AND VALVES, HONED THE CYLINDER FORE RING FINISH, INSTALLED A NEW EXHAUST GUIDE AND A SERVICEABLE EXHAUST VALVE. TESTED THE VALVE SPRINGS AND FITTED THE NEW RINGS TO THE CYLINDER AND PISTON. ASSEMBLED AND INSTALLED THE CYLINDER ON THE ENGINE USING ALL NEW SEALS AND GASKETS.
4. THE OIL AND FILTER WAS CHANGED, SERVICED THE ENGINE WITH PHILLIPS 20/50 M NON DETERGENT OIL.. A SAMPLE WAS TAKEN AND SENT IN FOR TESTING.
5. CLEANED AND GAPPED ALL SPARK PLUGS.
6. MAG TIMING WAS CHECKED.
7. FUEL SCREENS WERE CLEANED.
8. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
9. INSPECTED THE ALTERNATOR AND ALTERNATOR BELT.
10. THE STARTER WAS REMOVED AND A NEW BENDIX DRIVE WAS INSTALLED P/N EBB131A.
11. REPAIRED THE ENGINE BAFFLES AS NECESSARY.
12. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 06-13. SEE AD LIST WITH A/C PAPER WORK.
13. ENGINE CONTROLS WERE CHECKED FOR TRAVELS.
14. ADJUSTED THE VACUUM SYSTEM.
15. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL AN ANNUAL INSPECTION AND ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A Bill Daileda A&P 1910299 IA

DATE <u>2006</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/24	2437.3		3084	WARM ENGINE, DRAIN OIL, REPLACE FILTER W/ CHAMPION 48110-1. REFILL W/ AS 100 50W DO RUN UP - NO LEAKS <i>CLB</i> LIC 5487261
2007				
2/28	2480.33		3127	WARM ENGINE, DRAIN OIL, REPLACE FILTER W/ CHAMPION 48110-1. REFILL W/ AS 100 50W DO RUN UP - NO LEAKS <i>CLB</i> LIC 5487261
5/29	2525.27		3171.9	WARM ENGINE - DRAIN OIL, REPLACE FILTER W/ CHAMPION 48110-1. REFILL W/ AS 100 50W DO RUN UP - NO LEAKS <i>CLB</i> LIC 5487261
7/30	2573.37		3220	WARM ENGINE, DRAIN OIL, REPLACE FILTER W/ CHAMPION 48110-1. REFILL W/ AS 100 50W DO RUN UP - NO LEAKS <i>CLB</i> LIC 5487261

AIRCRAFT EKS, INC.

(951)304-1292

FRENCH VALLEY AIRPORT-F70

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563

DATE: 9/4/07 REG# N 9398V MODEL: LYC IO-360-A1A S/N: L-6796-51A TACH: 2593.6 TSMOH: 1864.6 WO: 073385

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 68, 2. 74, 3. 75, 4. 75, ALL OVER 80 PSI.
3. THE OIL AND FILTER WAS NOT CHANGED DUE TO LOW TIME ON THE OIL AND FILTER.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAGS WERE REMOVED AND INSPECTED FOR A 500 HR. INSPECTION. ONE NEW DISTRIBUTOR WAS INTERNALLY TIMED AND TEST RUN. THEY WERE INSTALLED AND TIMED TO THE ENGINE.
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY. THE TAIL PIPE WAS PARTS FOR REPAIR. THE TAIL PIPE WAS INSTALLED AFTER THE REPAIR.
8. INSPECTED THE ALTERNATOR AND ALTERNATOR BELT.
9. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 07-17. SEE AD LIST WITH A/C
10. ENGINE CONTROLS WERE CHECKED FOR TRAVELS.
11. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN

BILL DAILED A Bill Daileda A&P 19102

TT Prop - 1279.61

TACH - 2593.6

TTAF - 3240.94

TTIE - 3240.94

TSMO - 1864.94

9/9/07

	C.B.		
10/18/07	2694.6	3271.3	WARM ENGINE, DRAIN OIL, REPLACE FILTER w/ CHAMPION 48110-1 REFILL w/ A-S 100 50W DO RUN UP - NO LEAKS CBL LIC 548726175
12/17/07	2683.75	3331.0	WARM ENGINE, DRAIN OIL, REPLACE FILTER w/ CHAMPION 48110-1 REFILL w/ A-S 100 50W DO RUN UP - NO LEAKS CBL LIC 548726175

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 Technician or Repair Facility. (See back pages for other specific entries.)
10/20/07				

AIRCRAFTERS, INC.
FRENCH VALLEY AIRPORT BLD. 2 SUITE F
37552 WINCHESTER ROAD
MURRIETA CA. 92563 PH. 951-304-1292

DATE: 10/5/07 MODEL: MOONEY M-20E REG #: N9893V TACH: 1880.5 W.O.: 073418

1. CHARGED AND INSTALLED A NEW CONCORDE VALVE REGULATED LEAD ACID MAIN BATTERY. P/N RG 35AXC.
- THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH APPLICABLE FARs AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE.

BILL DAILED A

Bill Dailed A

A&P1910299

AIRCRAFTERS, INC.
(951) 304-1292
FRENCH VALLEY AIRPORT, BLD.#2
37552 WINCHESTER ROAD
MURRIETA, CA 92563

DATE: 10/12/07 MODEL: MOONEY REG #: N9398V TACH: 2627.6 W.O.: 073424

1. REMOVED THE DELCO STARTER MZ4222 AT 19 LBS AND INSTALLED A SKY-TEC P/N 149-NL LIGHT WEIGHT STARTER AT 9.5 LBS.
2. INSTALLED THE STARTER AS PER SKY-TEC INSTRUCTIONS.
3. COMPLETED A NEW AIRCRAFT WEIGHT AND BALANCE, AN FAA FORM 337 IS NOT REQUIRED FOR THIS INSTALLATION.

THE AIRCRAFT/COMPONENT IDENTIFIED ABOVE WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH APPLICABLE FARs AND WAS FOUND TO BE AIRWORTHY FOR RETURN TO SERVICE.

BILL DAILED A

Bill Dailed A

A&P1910299

J. B. Aircraft Engine Service

203 Challenger Dr.
Sebring Regional Airport
Sebring, Florida 33870
883-655-5000

Shop Order: 03-2291

Opened: 11/ 4/2003

Closed:

N 9398V

Sold To: Florida Flight Maintenance Inc.
150 Airport Ave. E
Venice, FL 34285-3901

Ship To: Florida Flight Maintenance Inc.

Discrepancy: 1

Problem:

Cylinder repair

Action Taken:

Class 13 cylinder was exchanged for a +.010 stud assembly. This IO-360 cylinder was cleaned, inspected, and repaired using the new parts listed in J.B. Aircraft Engine Service Inc. w/o 03-2291.

All work was performed in accordance with current FAA regulations and recommended procedures outlined in Lycoming overhaul manual 80294-7.

by, James N. Brod Jr a&p 595362616

Charges This Item:

Part Number	Description	Cred
CLASS 13 CYLINDER STUD	P.010 Stud Assy	
SL36018C-P10	Ring, Piston	
SL10207 P.010	Piston	
MS13997-3	KEEPER, VALVE	
SL72050	Key, Valve	
SL66610	BUSHING	
SL13444-1	Pin & Plug Assembly	
SL12039-SC	GASKET, CYLINDER	
MS20823-6D	FITTING, CYLINDER DRAIN	

Summary:

Total Parts:

SubT:

Total

Add:

THANK YOU FOR YOUR BUSINESS

The shop order invoice balance is due upon completion of work. A
un-paid balance will be added each 30 days. Any engines not paid
fees applied at a rate of \$100.00 each

Break-in IAW
Lycoming
Service Instruction
1427B

5006-210-00-2500 :NSN

I certify that the transponder/s as
installed in this aircraft has been
Tested as required by FAR 91.413 and
meets requirement of Part 43 appendix
F Date 9-19-08
CRS Certificate No. DG3R448L

Signature

I certify that the Pitot Static System/s
and Altimeter/s as installed in this
aircraft has been tested as required by
FAR 91.411 and meets all requirements
of Part 43 appendix E. Date 9-19-08
AIE, INC. CRS No. DG3R448L

Signature

AIE, Inc.

37552 WINCHESTER ROAD BLDG. 81-108

MURRIETA CA 92563

6. Item:	7. Description:	8. Part Number:	9. Eligibility
1	Transponder	AT-50A	VARIOU

13. Remarks:

In reference to Narco Maintenance Manual 03604-602 REV. 9/78

DATE

TACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
WESTERN
Skyways
 INC.

GOLD SEAL AIRCRAFT ENGINES

 21 Creative Place
 Madison, CO 81401
 www.westernskyways.com

 (970) 575-0029
 (970) 248-0252
 FAX: (970) 248-4156

N 9398 V

Engine Make: LYCOMING Model: IO-360-A1A
 Serial Number: L-4079-51A W/O No: 23545 Date: 09/04/08
 Warranty Number: 18210 Warranty Start Date: 09/08
 Crankshaft Serial No: V11553 Cylinder Part Number: 05K21120

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: 60294-7-11 See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 2331.6 Hrs.

This engine meets requirements of LYCOMING SI-1009AS for 2000.0 Hour TBO.

The accessories listed below were new or overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	4347 NEW	08070074	Vac Pump:	N/A	N/A
R/H Mag:	4370 NEW	08064055	Wastegate:	N/A	N/A
Fuel Pump:	AF-15473	F004926	Alt/Gen:	N/A	N/A
Inj/Carb:	2524054-9	44179	Pop Off:	N/A	N/A
Man Valve:	2524232-2	009046	Controller:	N/A	N/A
Starter:	CREDIT	CREDIT	VAPC:	N/A	N/A
Turbo:	N/A	N/A	Controller:	N/A	N/A
			Tach Gen:	N/A	N/A
			Ring Gear:	N/A	N/A

MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Signature:

Form 200

Repair Station No. WS9R575J

DATE

AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT F-70

37552 WINCHESTER ROAD, BLD. 2 SUITE F

MURRIETA, CA 92563 951-304-1292

DATE: 9/19/08 REG# N9398V MODEL: LYC IO-360-A1A S/N: L-4079-51A TACH: 2803.4 ENG TT: 2331.6 TSMOH: 000.0 WO: 083689

1. INSTALLED THIS OWNER SUPPLIED LYCOMING IO 360-A1A ENGINE S/N L-4079-51A OVERHAULED BY WESTERN SKYWAYS INC. IN MOONEY M20E S/N 700019.
2. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
3. COMPRESSION TEST: ALL NEW LYCOMING CYLINDERS.
4. ALL NEW SPARK PLUGS AND HARNESS INSTALLED.
5. NEW SLICK MAGS, THE SHOWER OF SPARKS AND THE RAIDO NOISE FILTERS WERE REMOVED. THE WIRES WERE CAPPED, AND THE P LEADS WERE INSTALLED ON THE SLICK MAGS.
6. A PLANE POWER ALTERNATOR P/N AL 12-P70 AND A NEW ALTERNATOR BELT WAS INSTALLED.
7. INSTALLED AN OVERHAULED TEMPEST VACUUM PUMP P/N 215CC S/N 59919.
1. INSTALLED ALL NEW FUEL AND OIL HOSES WITH FIRE SLEEVE.
2. INSTALLED 4 NEW ENGINE SHOCK MOUNTS.
3. THE RING GEAR WAS CLEANED, INSPECTED, PAINTED AND INSTALLED.
4. THE STARTER WAS REMOVED FROM THE OLD ENGINE AND INSTALLED ON THE NEW ENGINE.
5. THE ENGINE BAFFLING WAS CLEANED INSPECTED, REPAIRED AS NECESSARY AND INSTALLED ON THE ENGINE.
6. INSTALLED A J.P.I. INC. FUEL TRANSDUCER IN THE FUEL LINE GOING TO THE FUEL FLOW DEVIDER. AS PER J.P.I. INSTRUCTIONS UNDER STC SA00432SE.
7. THE ENGINE WAS SERVICED WITH PHILLIPS 20W/50 MINERAL OIL AND A NEW OIL FILTER.
8. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 08-17.
9. AD 2002-26-01 ON FUEL INJECTOR LINES BY INSPECTION, DUE EA. ANNUAL OR MAINTENANCE.
17. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
1. THE PROPELLER AND PROPELLER GOVERNOR WAS OVERHAULED BY SANTA MONICA PROPELLER.
18. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH AN ANNUAL INSPECTION AND ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 IA

AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT F-70

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563 951-304-1292

DATE: 10/1/09 REG# N 9398V MODEL: LYC IO-360-A1A S/N: L4079-51A TACH: 2855.8 TSMOH: 52.4 WO: 093925

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 70, 2. 74, 3. 70, 4. 71, ALL OVER 80 PSI.
3. THE OIL AND FILTER WAS NOT CHANGED DUE TO LOW TIME ON THE OIL AND FILTER.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED. THE MAGS WERE REMOVED AND INSPECTED FOR SLICK
6. SB2-08 ON THE WAFER CAM ALSO SB3-08 ON THE CARBON BRUSH. BOTH PARTS SHOWED NO WEAR. INSTALLED A NEW OIL SEAL P/N M3062 IN THE LEFT MAG. THE MAGS WERE INSTALLED AND TIMED TO THE ENGINE USING NEW MAG GASKETS.
7. FUEL SCREENS WERE CLEANED.
8. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
9. INSPECTED THE ALTERNATOR AND ALTERNATOR BELT.
10. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 09-19. SEE AD LIST WITH A/C PAPER WORK.
11. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
12. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 AI

AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT F-70

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563 951-304-1292

DA DATE: 1/3/2011 REG# N 9398V MODEL: LYC IO-360-A1A S/N: L4079-51A TACH: 2900.83 TSMOH: 98.23 WO: 104142

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN OWNER ASSISTED ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 72, 2. 72, 3. 72, 4. 70, ALL OVER 80 PSI.
3. CHANGED OIL, ADDED 8 QUARTS OF ASW100PLUS OIL.
4. REMOVED OIL FILTER AND INSPECTED FOR METAL PARTICLES AS PER SB480-E.
5. INSTALLED NEW CHAMPION CH48110-1 OIL FILTER..
6. CLEANED AND GAPPED ALL SPARK PLUGS.
7. MAG TIMING WAS CHECKED
8. FUEL SCREENS WERE CLEANED.
9. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
10. INSPECTED THE ALTERNATOR AND ALTERNATOR BELT.
11. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 2010-25/26. SEE AD LIST WITH A/C PAPER WORK.
12. C/W AD 2008-14-07 ON FUEL INJECTION LINES BY INSPECTION, NEXT DUE EA ANN. OR ENGINE MAINTENANCE.
13. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
14. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

DAVID J. BAKER *David J. Baker* A&P 323724551 IA

AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT F-70

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563 951-304-1292

DATE: 2/1/2012 REG# N 9398V MODEL: LYC IO-360-A1A S/N: L4079-51A TACH: 3027.8 TSMOH: 225.3 WO: 124389

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN OWNER ASSISTED ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 79, 2. 79, 3. 79, 4. 77, ALL OVER 80 PSI.
3. THE OIL WAS NOT CHANGED DUE TO LOW TIME. THE OIL FILTER WAS CUT OPEN AND INSPECTED NO METAL WAS FOUND.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. INSPECTED THE ALTERNATOR AND ALTERNATOR BELT.
9. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 1/28/2012. SEE AD LIST WITH A/C PAPER WORK.
10. C/W AD 2008-14-07 ON FUEL INJECTION LINES BY INSPECTION, NEXT DUE EA ANN. OR ENGINE MAINTENANCE.
11. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
12. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 IA

AIRCRAFTERS, INC. FRENCH VALLEY AIRPORT F-70

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563 951-304-1292

DATE: 3/4/2013 REG# N 9398V MODEL: LYC IO-360-A1A S/N: L4079-51A TACH: 3151.7 TSMOH: 349.2 WO: 134597

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN OWNER ASSISTED ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 78, 2. 79, 3. 79, 4. 79, ALL OVER 80 PSI.
3. THE OIL WAS NOT CHANGED DUE TO LOW TIME ON THE OIL AND OIL FILTER. THE OWNER SENDS IN AN OIL SAMPLE AT EACH OIL CHANGE.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED
6. FUEL SCREENS WERE CLEANED.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. INSPECTED THE ALTERNATOR AND ALTERNATOR BELT.
9. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 3/4/2013. SEE AD LIST WITH A/C PAPER WORK.
10. C/W AD 2008-14-07 ON FUEL INJECTION LINES BY INSPECTION, NEXT DUE EA ANN. OR ENGINE MAINTENANCE.
11. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
12. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILED A *Bill Daileda* A&P 1910299 IA

AIRCRAFTERS FRENCH VALLEY INC.

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563 951-304-1292

DATE: 4/7/2014 REG# N 9398V MODEL: LYC IO-360-A1A S/N: L4079-51A TACH: 3221.4 TSMOH: 418.9

WO: 140060

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN OWNER ASSISTED ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 76, 2. 78, 3. 76, 4. 76, ALL OVER 80 PSI.
3. THE OIL WAS NOT CHANGED DUE TO LOW TIME ON THE OIL AND OIL FILTER. THE OLD OIL FILTER WAS CUT OPEN AND NO METAL WAS FOUND. THE OWNER SENDS IN AN OIL SAMPLE AT EACH OIL CHANGE.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED
6. FUEL SCREENS WERE CLEANED. CLEANED ALL FUEL INJECTORS.
7. INSTALLED A NEW INTAKE GASKET ON THE #4 CYLINDER.
8. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY. INSTALLED A NEW EXHAUST RISER FOR #4 CYLINDER.
9. INSPECTED THE ALTERNATOR AND ALTERNATOR BELT.
10. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 4/7/2014. SEE AD LIST WITH A/C PAPER WORK.
11. C/W AD 2008-14-07 ON FUEL INJECTION LINES BY INSPECTION, NEXT DUE EA ANN. OR ENGINE MAINTENANCE.
12. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
13. THE ENGINE WAS GROUND RUN AND CHECKED FOR PROPER OPERATION.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BILL DAILEDA *Bill Daileda* A&P 1910299 IA

7/29/14	3265.30	WARM ENGINE, DRAIN OIL, TAKE SAMPLE FOR ANALYSIS, CHANGE FILTER W/CHAMPION 48110-1, RE-FILL W/AS 100 PLUS 50W, DO RUN UP - NO LEAKS <i>CLBL</i> 3478951
12/22/14	3317.30	WARM ENGINE, DRAIN OIL, TAKE SAMPLE + MAIL FOR ANALYSIS, CHANGE FILTER W/CHAMPION 48110-1, RE-FILL W/AS 100 PLUS 50W, DO RUN UP - NO LEAKS <i>CLBL</i> 3478951
4/26/15	3363.56	WARM ENGINE, DRAIN OIL, TAKE SAMPLE + MAIL FOR ANALYSIS, CHANGE FILTER W/CHAMPION 48110-1, REFILL W/AS 100 PLUS 50W, DO RUN UP - NO LEAKS <i>CLBL</i> 3478951

DATE: 5/8/2015 REG: N9398V MOD: LYC IO-360-A1A S/N: L4079-51A TACH: 3365.3 TSMOH: 562.8 WO: 150187

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN OWNER ASSISTED ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 76, 2. 77, 3. 76, 4. 74, ALL OVER 80 PSI.
3. THE OIL WAS NOT CHANGED DUE TO LOW TIME ON THE OIL AND OIL FILTER. THE OLD OIL FILTER WAS CUT OPEN AND NO METAL WAS FOUND.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED
6. FUEL SCREENS WERE CLEANED. CLEANED ALL FUEL INJECTORS.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 05/08/2015. SEE AD LIST WITH A/C PAPER WORK.
9. C/W AD 2008-14-07 ON FUEL INJECTION LINES BY INSPECTION, NEXT DUE EA ANN. OR ENGINE MAINTENANCE.
10. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BRADFORD MCLEAN *Bradford McLean* A&P3455587IA

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10/22/15	3420.12	WARM ENGINE, TAKE SAMPLE & MAIL FOR ANALYSIS, CHANGE FILTER W/CHAMP. 48110-1, REFILL W/AS 100 PLUS 50W NO LEAKS <i>CEB</i> 3478951
3/10/16	3475.25	WARM ENGINE, TAKE SAMPLE, CHANGE FILTER 48110-1 REFILL W/AS 100 PLUS 50W NO LEAKS <i>CEB</i> 3478951

AIRCRAFTERS FRENCH VALLEY INC.

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563 951-304-1292

DATE:06/02/2016 REG:N9398V MOD:LYC IO-360-A1A S/N:L4079-51A TACH:3490.10 TSMOH:687.6 WO:160353

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN OWNER ASSISTED ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 75, 2. 65, 3. 72, 4. 76, ALL OVER 80 PSI.
3. NO.4 CYLINDER REMOVED, REPAIRED BY CORONA AIRCRAFT ENGINES AND REINSTALLED.
4. CLEANED AND GAPPED ALL SPARK PLUGS.
5. MAG TIMING WAS CHECKED.
6. FUEL SCREENS WERE CLEANED. CLEANED ALL FUEL INJECTORS.
7. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
8. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
9. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 06/02/2016.

I CERTIFY THIS ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH ALL APPLICABLE FARs AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

BRADFORD MCLEAN *[Signature]* A&P3455587IA

AIRCRAFTERS FRENCH VALLEY INC.

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563 951-304-1292

DATE:07/06/2017 REG:N9398V MOD: IO-360-A1A S/N:L4079-51A TACH:3543.11 TSMOH:740.61 WO:170547

1. THIS ENGINE WAS INSPECTED AND SERVICED FOR AN OWNER ASSISTED ANNUAL INSPECTION.
2. COMPRESSION TEST: 1. 79, 2. 76, 3. 76, 4. 77, ALL OVER 80 PSI.
3. CLEANED AND GAPPED ALL SPARK PLUGS.
4. MAG TIMING WAS CHECKED.
5. FUEL SCREENS WERE CLEANED.
6. THE EXHAUST SYSTEM WAS CHECKED FOR CONDITION AND SECURITY.
7. ENGINE CONTROLS WERE CHECKED FOR TRAVEL.
8. ALL AD'S WERE RESEARCHED AND COMPLIED WITH THROUGH 07/06/2017.

THE ENGINE IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND REPAIRED, WHEN NECESSARY, IN ACCORDANCE WITH APPLICABLE STANDARDS OF AIRWORTHINESS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

BRADFORD MCLEAN *[Signature]* A&P 3455587 IA

11/15/18	3524.28	WARM ENGINE, TAKE SAMPLE, CHANGE FILTER 48110-1 REFILL W/AS 100 PLUS 50W NO LEAKS <i>CEB</i> 3478951
9/26/17	3573.66	WARM ENGINE, TAKE SAMPLE, CHANGE FILTER REFILL W/AS 100 PLUS 50W NO LEAKS <i>CEB</i> 3478951
7/25/18	3585.82	WARM ENGINE - TAKE SAMPLE, CHANGE FILTER 48110-1 REFILL W/AS 100 PLUS 50W - NO LEAKS <i>CEB</i> 3478951

AIRCRAFTERS FRENCH VALLEY INC.

37552 WINCHESTER ROAD, BLD. 2 SUITE F, MURRIETA, CA 92563 951-304-1292

DATE:08/01/2018 REG:N9398V MOD: IO-360-A1A S/N:L4079-51A TACH:3587.53 TSMOH:785.03 WO:180775

1. This engine was inspected and serviced for an owner assisted annual inspection.
2. Compression test: 1. 74, 2. 75, 3. 76, 4. 74, all over 80 psi.
3. Cleaned and gapped all spark plugs.
4. Mag timing was checked.
5. Fuel screens were cleaned.
6. The exhaust system was checked for condition and security.
7. Engine controls were checked for travel.

The engine identified above was inspected in accordance with an annual inspection and repaired, when necessary, in accordance with applicable standards of airworthiness and was determined to be in airworthy condition.

Bradford McLean *[Signature]* A&P 3455587 IA

ENGINE MODEL: IO-360-A1A
ENGINE S/N: L-4079-51A
REG. NO: N9398V
WORK ORDER: VGT12894-09-2022



Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y
2830 North Rancho Drive Ste A
Las Vegas, NV 89130

DATE: 4/1/2023
A/C TSN: 4268.68
ENG TT: 3150.28
TSMOH: 818.68
TACH: 3622.08

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.
Engine compressions: 1) 79, 2) 79, 3) 75, 4) 75/80.
Removed and replaced cylinder #4 bottom spark plug with new spark plug P/N: REM38E IAW Mooney MM Section 3.
Removed and replaced dip stick base gasket P/N: 72059 IAW Mooney MM section 3.
Removed and replaced #2 and #3 valve cover gaskets IAW Lycoming MM section 3.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above W.O. number.

DATE: 4/1/2023

SIGNED:

Work Order: VGT12894-09-2022

Travis L. Anderson
Certified Repair Station No. L9OR473Y

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MAKE: Mooney
MODEL: M20E
S/N: 700019
REG. NO: N9398V
ENGINE MAKE: LYCOMING
ENGINE MODEL: IO-360-A1A
ENGINE SN: L-4079-51A



Lone Mountain Aviation, Inc.

FAA Cert: L9OR473Y
2830 North Rancho Drive Ste A
Las Vegas, NV 89130

W/O #: VGT13576-04-2024
DATE: 07-01-2024
A/C TT: 4269.0
Tach: 3622.4
Engine TT: 3150.6
Engine TSOH: 819.0

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 100w plus. Oil sample taken. Engine run and leak check good.

Engine compression's: 1) 78, 2) 76, 3) 77, 4) 78/80.

Removed and replaced 7 spark plugs and torqued to specs IAW Mooney M20E MM 3-9.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this facility under the above WO number.

DATE: 07-01-2024

SIGNED:

WORK ORDER: VGT13576-04-2024

Travis Anderson
FAA Cert: L9OR473Y

Printed by EBIS (EBISCloud.com)

Date: 06/02/2025 Hours: Tach: 3626.57 Engine TT: 3154.77 Engine TSOH: 823.17
Tail#: N9398V
Make: Lycoming Model: IO-360-A1A S/N: L-4079-51A

Performed a 100-Hour Inspection in accordance with FAR Part 43 with reference to Mooney Service Manual & Lycoming Maintenance Manual. Spark plugs cleaned, gapped & tested. Magneto to engine timing checked. Compression test: #1) 77 #2) 78 #3) 76 #4) 78. Ran engine, ops check good.

I hereby certify that this engine was inspected in accordance with a 100-Hour Inspection in the scope and detail of 14 CFR Part 43, Appendix D.

Name: Mohammad Ebrahimi
Co: MHE Aviation LLC

Cert: 4483983 A&P

Sign: