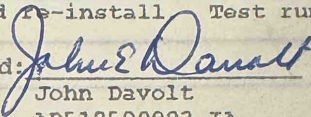
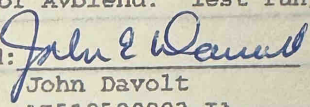


ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5-24-95	290	60	TTSFRM 934.60 IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION	<i>Stephen P. Kambath</i>	AP 374566166 IA
<p>Date: 07/03/95, Tach Time: 299.5 Aircraft Total Time 1600.4 TSOH 943.4 Remove Inoperative generator and Install Interav Alternator kit in accordance with STC SA 334 SW. Computed new Weight and Balance and filled out Faa Form 337. Test run Aircraft system checked okay.</p>					
Signed: <i>John E. Davolt</i>			Ref: 37NLGE1	Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
Brought Forward			AP512589803 IA		
Total to Date					

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER				
	Hrs.	Min.							
			Date: 09/17/95, Tach Time: 342.47, Engine TT: 1643.37, TSOH: 986.37 Drain oil, remove oil screen and check for metal, none found. Filled with 7 Qts of Aeroshell 15W50. Remove sparkplugs, cleaned and regapped, and re-install. Test run engine no leaks apparent.	 Signed: _____ John Davolt AP512589803 IA					
			Date: 10/10/95, Tach Time: 357.0, Engine TT: 1658.2, TSOH: 1000.9 Removed Propellor and re-installed after it was resealed by Kansas Propellor Services. Added Avblend to the engine oil as per instructions of Avblend. Test run, checked okay.	 Signed: _____ John Davolt AP512589803 IA					
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Page Total</td> <td rowspan="3" style="width: 60%; vertical-align: top;"> All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. </td> </tr> <tr> <td>Brought Forward</td> </tr> <tr> <td>Total to Date</td> </tr> </table>	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 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.			
6-27-96			Drained oil & cleaned oil screen. Serviced w/ 8 qts.		
Tach. -	409.	6	15 w 50 Aeroshell. Replaced intake gaskets & rings w/ new.		
T.T.S. F.R.M.	1053.	66	Replaced engine bottle seal & trimmed to fit		
IT. -	1053.	66	C/W AD. 93-02-05 by visual inspection of the		
			fuel injection lines, no defects noted. Replaced		
			coupling door hinge. Replaced #2, #3, #4 rockercovers,		
			gaskets w/ new. Replaced fuel pressure line w/ new.		
			Replaced #2 oil return line. Replaced exhaust gasket		
			on cyl. #3. Compression test. #1 $\frac{76}{80}$ #2 $\frac{67}{80}$ #3 $\frac{70}{80}$		
			#4 $\frac{68}{80}$. Continued \rightarrow		
			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		REPAIR DESCRIPTION	LICENCE NUMBER
	Hrs	Mins		
			Date: 11/10/95, Tach Time: 366.24, Engine TT: 1010.24, TSOH: 1010.24 Removed #1 cylinder and replaced leaking cylinder base packing ring. installed new Push rod housing tube seals and replaced rocker cover gasket, and intake gaskets. Tighten case half bolts. Re-adjust alternator belt tension. Re-assembled and test run. Checked for leaks none were apparent.	
			Signed: <u>John E Davolt</u> Ref: 37NLGE4 John Davolt AP512589803 IA	
			Date: 01/22/95, Tach Time: 376.52, Engine TT: 1020.52, TSOH: 1020.52 Drain Oil, remove oil screen clean and check for metal, nothing significant found. Re-install oil screen and service engine with 1 qt of Aeroshell 15W50. Add one pint of Avblend. Ground run engine. no leaks apparent.	
			Signed: <u>William G. Hugo</u> Ref: 37NLGE5 William G. Hugo P509667470 IA	
			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.			
8-27-96			Continued. → Cleaned, gapped, tested, rotated spark plugs. Run-in good, no leaks noted.	I certify that this <u>AVC engine</u> has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be in airworthy condition. <i>Kevin S. Marshall</i> A+P 496744850	
409.6					
			Date: 08/29/96, Tach Time: 437.61, Engine TT: 1082.611082.61 Drain engine oil and remove inlet screen. Cleaned screen no metal found. Install oil inlet screen with new gasket, and service engine with 6 ats of Aeroshell 15W50. Ground run engine no leaks apparent.		
Total to Date			Signed: <i>William G. Hugo</i> Ref: 35NLGB6 William G. Hugo P509667470		

SSP1872

TEXTRON Lycoming

~~start~~
3-1-95
march

12

ENGINE LOG

MOONEY M20F

3537N

SSP1872

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
4-14-99	Tach	696.36	TT 1997.36 Removed Engine IO-360 A1A s/n EL-1442-51A from A/C N 3537N for overhoul. *before Repair #AD219788994		
<div style="font-size: 2em; font-family: cursive;">Log closed this Date</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.			
11/4/98			TACH 634.5 TIT. 1935 OIL + FILTER CHANGE 9QTS. 15W50 AEROSHELL-CH48110 OIL FILTER R1E INTON - ALL ALTERNATOR ANOK5-01237 S/N 70481 <i>Bruce Brumby</i>		


LAPPEER AVIATION, INC.
 F.A.A. Approved Repair Station No. L0PR971N
 DuPont Lapeer Airport, Lapeer, Michigan 49446

	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.

MAINTENANCE RELEASE

G SERI

DA

Changed oil with Sgt Arnold 15 w/80
Replaced oil filter with new Ch48110. Tightened
manifold pressure line fittings. Operations Check ok.

Date 8-27-98

The aircraft/airframe/aircraft (engine) propeller/ or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for the return to service. Pertinent details on file under work order # 3480

Hobbs/Tach 593.59 hrs.

634.50

Total Time _____ hrs.

593.59
40.91

Signed

For

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

ra Must
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ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			13. Replaced induction boot with new part no. 600115-005		
			Compression #1 72/80		
			#2 76/80		
			#3 75/80		
			#4 74/80		

I certify that this ENGINE has been inspected I/A/W ANNUAL and determined to be in AIRWORTHY condition. Details on file under W.O. # 3357 Total Time _____
 Signed James L. Williams Date 6-26-98
Freeway Airport, Inc. 3900 Church Rd
Mitchellville, MD 20721 CRS # FKSR141Q

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

ENGINE LOG SERIAL No. _____

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

8. Replaced all spark plugs with REM 38E.
9. R&R # 4 cylinder for repair by Columbia Aircraft Services ref. w/o 017479 dated 4-2-98 with new seals and gaskets.
10. Installed Reiff Preheat System using sump pad s/n 213 and cylinder bands s/n CH916-21R, L.
11. R&R complete ignition harness with slick s/n M2364
12. R&R fuel injector servo with overhaul unit part no. 10-2524054-10 s/n 63775 w/o dated 4/27/98 ref. w/o #041219.

		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.			

Annual Inspection Entry '98

1. *Changed oil, checked both screens for contamination and refilled with 20/50 mineral.*
2. *Replaced both oil supply hose with factory new.*
3. *Fabricated new hoses for outlet & inlet of fuel pump.*
4. *Replaced bracket on filter with BA 6305.*
5. *Replaced all fuel injector nozzles with 2524864-2*
6. *Replaced # 2 fuel injector line pin LW12098-0-210*
7. *Installed Lycoming Oil filter adapter but part no HW13743 and oil filter CH48110.*

		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.

Entry Cont. Next Page.

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			<p>I Certify that this Engine <u>Engine</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition.</p>	<i>[Signature]</i>	AP492907453
→			Continued from previous page		
29 SEP 79			<p>changed oil - Sold w/ 7 QTs 15W-50 oil - Removed TACH 0516.93 Inspected & Reprimed oil screens - Engine Run up & checked for leaks</p>	<i>[Signature]</i>	515426228 ADP
			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.			
→ Continued from 6-3-92 Tech ETT/128.29 TSO.			Previous Page → Replaced clamps with new on #1 & #3 fuel injection lines. #2 forward baffle bracket replaced with fabricated. Stop drilled crack & installed rivet in R/R mag blast tube. Installed insulator boots on Alternator. Removed Prop to install new Alternator belt. Reinstalled Prop with new O-ring. Torqued belts & tested. Engineered alternator belt. C/W AD. 93-02-05 Fuel injection lines. by visual inspection of fuel injection lines, replaced clamps on #1 & #3, no other defects noted. Ground Run to Operations check performed, leak checked. → Continued on Next Page →		
			Page Total		
			Brought Forward		
			Total to Date		

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ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6-3-97	Tach	404.29	ETT 1128.29 T.S.O. 1128.29		
			Drained Engine oil, cleaned screen, cleaned suction screen. Replaced Thermostatic bypass valve with new. Cleaned injectors, cleaned & gapped spark plugs. checked fuel screen. Installed new Points to oil seal in PT Mag. Timed BT mag & checked LT mag to Engine. Replaced crankcase breather hose. Adjust length of fuel pressure hose & installed fire gauge & secured away from exhaust. Repaired Alternator baffle seal. Disassembled Alternator & secured drive end bearing, repaired alternator baffle seal. Reattached #36#4 lower baffle rod. Replaced fuel hose with new, new throttle body & flow divider. Continued 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		

N 3537N
Aircraft Registration No.

Mooney
Aircraft Model

M 20 F

449.9
Aircraft Hours

TACH TIME

OCT 17, 1996
Installation Date

10/16/96
Factory Ship Date

10128-006
Part No.

DRY AIR PUMP
Product



DATE	Hrs. Min.	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
10-17-96	449.9	Removed Airborn 21CC Vacuum Pump, Replaced with New Sigma-Tek Dry Airpump PART # 14128-006, Ser# T28166H Model # 14128B FAA-PMA Approved	Robert P. Kameson	A#P 166321418JA
04/10/97	471.92	changed engine oil. 6 qts. avroshell 15W50. oil : DO BLEND no leaks. oil ^{pilot} 1653473	Robert P. Kameson	1653473
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.			
5-24-95	2	00	TOTAL TIME SINCE FACTORY REMAN 934.60 (COMPRESSION) 1) 76/80 2) 76/80 3) 77/80 4) 72/80; CHECKED MAG TIMING; CLEANED + GAPPED PLUGS; CHANGED OIL + INSPECTED SCREEN; 8 OZS OF AEROSHELL 15W-50 ADDED; CLEANED + INSPECTED ALL FUEL SCREENS; COMPLIED WITH TEXTRON LYCOMING S.B. 518C (THERMOSTATIC BYPASS VALVE); INSTALLED NEW MAIN FUEL LINE; INSTALLED NEW HEATER HOSE; LUBRICATED + INSPECTED ALL ENGINE + PROP CONTROLS; NEW BRACKETT AIR FILTER ELEMENT INSTALLED. "I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED →		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. (CON	
			Brought Forward		
			Total to Date		

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3-1-95	2	07	DRAINED ENG. OIL. CLEANED & CHECKED SCREEN. RE-FILLED WITH AEROSHELL 15W-50. REPLACED ALL EXHAUST HEADER GASKETS. ENG. RUN-UP & CHECKED O.K. N.W. Papp ATP 1105045		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					