

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTALS brought forward from previous page

12-15-2023 N3537N Tach 3951.0 Engine Lycoming IO-360 A1A sn RL-1442-51A TT 3951.0 TSMOH 373.6

Installed all new Tempest spark plugs UREM38E. No oil change as per owner. Compression #1 76/80 #2 78/80 #3 78/80 #4 78/80 Inspected engine in accordance with Mooney 100 hour inspection guide form 0100 and Lycoming Maintenance Manual. Engine functional test run in accordance with Mooney check list.

I certify that this Engine was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Robert Denny Alexander A&P 2125366
Robert Denny Alexander

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A1

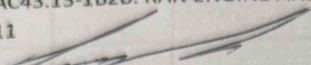
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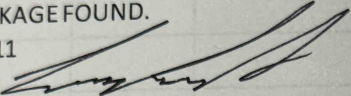
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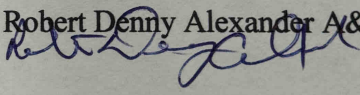
04-08-2022 N3537N M20F TTAF: 3884.6 TACH: 3884.6 SMOH: 307.1 ENGINE LYCOMING IO-360-1A1
 DRAINED ENGINE OIL AND REMOVED FILTER, CUT FILTER NO DEBRIS FOUND. INSTALLED NEW AA48108-2 FILTER AND SERVICED WITH 7 QUARTS OF PHILLIPS X/C 20W50 OIL AND 11.2 OZ OF CAMGUARD. INSTALLED NEW FUEL PRESSURE LINE AE7010001B0430 AS PER 14 CFR 43 APPENDIX A, PART C. AND IN ACCORDANCE WITH AC43.13-1B2B. RAN ENGINE AND CHECKED FOR LEAKAGE
 Eric Swint PPL 3725511



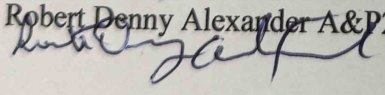
08-19-2022 N3537N M20F TTAF: 3909.6 TACH: 3909.6 SMOH: 332.1 ENGINE LYCOMING IO-360-1A1
 DRAINED ENGINE OIL AND REMOVED FILTER, CUT FILTER NO DEBRIS FOUND. INSTALLED NEW AA48108-2 FILTER. SERVICED WITH 7 QUARTS OF PHILLIPS X/C 20W50 OIL AND 11.2 OZ OF CAMGUARD. RAN ENGINE AND NO LEAKAGE FOUND.
 Eric Swint PPL 3725511




11-22-2022 Tach 3915.3 Engine TT 3915.3 TSMOH 337.9
 Cleaned, gapped and tested all spark plugs. Tightened alternator belt. Checked magneto to engine timing and reset L/H mag to 25 degrees BTC. Installed new Challenger Air Filter. No oil change as per owner. Compression #1 73/80 #2 73/80 #3 74/80 #4 75/80 Inspected engine in accordance with Mooney 100 hour inspection guide form 0100 and Lycoming Maintenance Manual. Engine functional test run in accordance with Mooney check list.
 I certify that this Engine was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Robert Denny Alexander A&P2125366



07-06-2023 N3537N Tach 3934.0
 Installed new gaskets and seals on all 4 intake tubes.
 Work accomplished in accordance with Lycoming Service and parts manuals.
 Robert Denny Alexander A&P2125366



09-11-2023 N3537N M20F TTAF: 3939.5 TACH: 3939.5 SMOH: 362 ENGINE LYCOMING IO-360-1A1
 DRAINED ENGINE OIL AND REMOVED FILTER, CUT FILTER NO DEBRIS FOUND. INSTALLED NEW AA48108-2 FILTER. SERVICED WITH 7 QUARTS OF PHILLIPS X/C 20W50 OIL AND 11.2 OZ OF CAMGUARD. RAN ENGINE AND NO LEAKAGE FOUND.
 Eric Swint PPL 3725511



TOTALS—Carry forward to next page			
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11-01-2019 N3537N M20F 680089 (1967) TTAF: 3833.2 TACH: 3833.2 ENGINE LYCOMING
 IO-360-A1A RL-1442-51A TT: 3833.2 TSMOH: 251.6 (O/H 4-13) PROPELLER HARTZELL
 HC-C2YK-1BF CH40591B TSN: 783.9 (NEW 10-06) SLICK MAGS: TSN: 318.1 HOURS
 SINCE LAST ANNUAL: 4.8 PERFORMED FAR PART 91 NOT FOR HIRE ANNUAL
 INSPECTION PER MOONEY SERVICE MANUAL AND FAR 43 APPENDIX D. CHECKED
 CONTROLS FOR FREEDOM OF MOVEMENT AND STOPS. INSPECTED ENGINE AND
 MOUNT. LUBED CONTROLS AS REQUIRED. INSPECTED INDUCTION AND EXHAUST
 SYSTEM. TIGHTENED ROCKER COVER SCREWS AND HOSE CLAMPS. INSPECTED FUEL
 SYSTEM AND NO WATER FOUND. INSPECTED CARBURETOR MATING SURFACES FOR
 LEAKAGE ALL OK. CLEANED AND GAPPED PLUGS. COMPRESSION CHECK 78 77 77 78.
 CHECKED MAG TO ENGINE TIMING OK. OWNER CHANGED OIL PRIOR TO INSPECTION.
 AD'S CHECKED THRU 2019-21. C/W AD 15-09-07 INJECTOR LINES OK. NID 3933.2
 GROUND RUN-UP, LEAK CHECK, AND POWER-RUN OK. I CERTIFY THAT THIS ENGINE
 HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN FOUND
 AIRWORTHY AS OF THIS DATE. RAY HARKINS AP 2204237 IA.....END

LOG

3857.38	COMP CHECK	#1 $\frac{75}{80}$	#2 $\frac{78}{80}$	#3 $\frac{78}{80}$ #4 $\frac{77}{80}$
	CLEANED PLUGS, CLEANED FUEL SCREENS, NO WATER FOUND, MAG CHECK GOOD, TIMING OK.			
	I CERTIFY THAT THIS ENGINE WAS INSPECTED I/A/W 100 HR AS PER CFR 43 APP D AND FOUND TO BE AIRWORTHY AT THIS TIME. RUN UP NORMAL. IA 3572889			
3874.51	COMP CHECK	#1 $\frac{76}{80}$	#2 $\frac{78}{80}$	#3 $\frac{78}{80}$ #4 $\frac{76}{80}$
	CLEANED + ROTATED SPARK PLUGS, CLEANED FUEL SCREENS, MAGS & TIMING OK.			
	I CERTIFY THAT THIS ENGINE WAS INSPECTED I/A/W AN 100 HR INSPECTION AND DETERMINED TO BE AIRWORTHY AT THIS TIME. TIGHTENED INJECTOR TDS. HE COMPLIED WITH ALL AD'S & SB'S			
	SUB-TOTALS this page			
	TOTALS—Carry forward to next page			

[Signature]
AP 3112057

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				TOTALS brought forward from previous page



Dallas Executive Aircraft Service • 5025 Voyager Dr Suite A, LB 58 • Dallas, TX 75237 • 2145581238

December 7, 2017 **N3537N**

Tach: 3795.47

1. Replaced cylinder # 4 Exhaust gas temperature probe with new probe, P/N M-111-G in accordance with Mooney maintenance manual chapter 77. Ran engine, operational checks good, Chase Riordan.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Dallas Executive Aircraft Service under work order: WO_2598.

Chase Riordan A&P 4002980

Airframe

wo: WO_2598

<u>10-18</u> <u>2018</u>	<u>3828.2</u>	<u>251.6</u>	<u>3828.2</u>	<u>Comp check #1 76/80 #2 79/80 #3 78/80 #4 79/80</u> <u>Fuel injectors cleaned. Purgs cleaned gapped</u> <u>Timing ADJUSTED. Fuel screen cleaned. Oil</u> <u>1/2 filter CHANGED Refill 7qts ASW100. Old</u> <u>filter check OK. Exhaust 1/2 controls check</u> <u>ADs check 2018-20 see list. Engine Run up</u> <u>leak 1/2 ops check wall. I certify this engine</u> <u>has been inspected in accordance with a</u> <u>100HR inspection per CFR 43 APP D and is</u> <u>in airworthy condition TSO 251.6</u> <u>Chase M. Gulick A&P 530804723</u>
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Dallas Executive Aircraft Service • 5025 Voyager Dr Suite A, LB 58 • Dallas, TX 75237 • 2145581238

March 26, 2018 **N3537N**

Tach: 3804.33

1. Drained engine oil and removed filter. Cut filter, no metallic contamination found. Installed new CH48108-1 filter and serviced with 8 qts of Aeroshell W100 oil. Ran engine, leak and operational checks good.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Dallas Executive Aircraft Service under work order: WO_2712.

Chase Riordan A&P 4002980

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DEC 2
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8-3-17



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August 3, 2017 N3537N Tach: ~~0.0~~ 3789.0 MGT

1. Removed fuel injectors from the cylinders and noticed they were very dirty. Placed injectors in cleaning solution overnight. Checked for proper fuel flow through the fuel injector spider manifold, flow was good through the lines and the manifold. Removed injectors from the cleaning solution and finished cleaning and inspected. Reinstalled injectors in proper position and connected lines and leak checked. Performed ground run, all cylinders are running cooler and #4 cylinder is no longer running hot and running same temperature as other cylinders.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Dallas Executive Aircraft Service under work order: WO_2484.

Mark Curless A&P IA 424828181

Engine wo: WO_2484



Date: 9-27-2017 Tach: 3789.9 TSMOH: 212.44 Reg #: N3537N

C/W 100hr inspection referencing FAR 43 appendix (d) and Lycoming service/maintenance manuals. Run-up and Compression tested: #1-74/80, #2-77/80, #3-74/80, and #4-77/80. Drained oil, removed filter, and inspected oil filter for metal. Engine serviced with 8qts A/S W100, and CH48110-1 oil filter. Removed, cleaned, gapped, tested, and reinstalled spark plugs. Replaced leaking cylinder rocker cover gaskets with new, SL67193. Removed propeller and installed new crankshaft seal, P/N: LW-13792, and re-installed propeller. C/W AD 76-12-07 by operational check of ignition switches, next due at Tach: 3889.9. C/W AD 2015-19-07 by inspection of fuel injector nozzle lines and clamps, next due at Tach: 3889.9. Verified AD compliance bi-weekly to 09-20-2017 per manufacturer. A complete AD summary has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and leak check, ok. I certify that this engine has been inspection in accordance with a 100hr inspection and was determined to be in an airworthy condition at this time.

A&P 3168048 IA JD Casteel



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December 7, 2017 N3537N


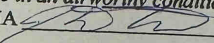
Tach: 3795.47

1. Removed cylinder #1 spark plugs and found carbon build up on bottom plug. Cleaned, gapped, and rotated number 1 cylinder plugs bottom to top and reinstalled onto aircraft in accordance with Mooney Maintenance manual chapter 12. Left and Right mag dropped 90 RPM on test run. Chase Riordan.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Dallas Executive Aircraft Service under work order: WO_2598.

Chase Riordan A&P 4002980


Engine wo: WO_2598

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TOTALS brought forward from previous page				
8-10-16				<div style="text-align: center;">  <p>Southwest Texas Aviation, Inc. Date: 8-10-2016 Tach: 3738.0 TSMOH: 160.54 Reg.#: N3537N C/W 100hr inspection referencing FAR 43 appendix (d) and Lycoming service/maintenance manuals. Run-up and Compression tested: #1-78/80, #2-77/80, #3-75/80, and #4-79/80. Drained oil, removed filter, and inspected oil filter for metal. Engine serviced with 8qts A/S W100, and CH48110-1 oil filter. Removed, cleaned, gapped, tested, and reinstalled spark plugs. C/W AD 76-12-07 by operational check of ignition switches, next due at Tach: 3838.0. C/W AD 2015-19-07 by inspection of fuel injector nozzle lines and clamps, next due at Tach: 3838.0. Verified AD compliance bi-weekly to 08-10-2016 per manufacturer. A complete AD summary has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and leak check, ok. <i>I certify that this engine has been inspection in accordance with a 100hr inspection and was determined to be in an airworthy condition at this time.</i> A&P 3168048 IA  JD Casteel</p> </div>



Dallas Executive Aircraft Service • 5025 Voyager Dr Suite A, LB 58 • Dallas, TX 75237 • 2145581238

67-17

June 7, 2017	N3537N	Tach: 3760.0	Hobbs:
Drained engine oil and removed filter. Cut filter. No metallic contamination found. Installed new CH48108-1 filter and serviced with 8 qts AS100 oil. Ran engine leak and operational checks good. With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Dallas Executive Aircraft Service under work order: WO_2423.			
Chad Shaver	A&P IA	2857120	

Engine

wo: WO_2423

SUB-TOTALS this page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	3698.77	121.37	3698.77	TOTALS brought forward from previous page
6/15	3698.77	121.37	3698.77	COMPLIED WITH REQUIREMENTS OF MOONEY AIRPLANE COMPANY, INC. 100 HOUR - ANNUAL INSPECTION GUIDE FORM D100. COMPRESSION #1-78/80 #2-77/80 #3-79/80 #4-78/80. CLEANED AND SET GAP ON SPARK PLUGS. CLEANED FUEL STRAINERS, CLEANED FUEL INJECTION NOZZLES. ADJUSTED MAGNETO TIMING. COMPLIED WITH AD 2011-26-04 NEXT DUE 6/16 OR 3798.77 OR ANY TIME FUEL LINES OR CLAMPS ARE SERVICED, REMOVED OR REPLACED. PERFORMED ENGINE RUN, NO LEAKS FOUND OPERATING PARAMETERS NORMAL. Jerry Stone A&P 3350927
6/17	3698.77	121.37	3698.77	INSPECTED ENGINE TAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION. Jim Palmer 2768825 IA
1/27/16	3713.0			

Dallas Executive Aircraft Service
 Phone: 214-558-1238
 Email: shavermchad@gmail.com

Aircraft: N3537N
 S/N: 680089
 Engine log

TACH: 3713
Maintenance Actions Performed:
 1. Drained engine oil and removed filter. Cut filter, no metallic contamination found. Installed new CH48108-1 filter and serviced with 8 quarts of Aeroshell W100 oil. Ran engine, leak and operational checks good.
 1/27/16 Daniel Gallard A&P 3784882 A&P 2857120
Daniel Gallard

SUB-TOTALS this page
 TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page
6-29-13	Tach Time: 3594.84			Drained engine oil. Examined oil filter for contaminants. Serviced engine with a new filter and six quarts of Phillips xC 20/50 oil. - END-
	Eng IT. 3594.84			MI Marshall AP 2834063.

N3573N M20F s/n 680089 10/03/2013 tach: 3614.03

Removed Cyl. #2 spark plugs. cleaned, inspected and reinstalled in original locations with new gaskets. Replaced T2 Ignition Harness Lead. Adjusted alternator belt tension.

Raymond J. F...
Lapeer Aviation Inc. L9PR971N



★ TOLEDO REPAIR STATION DSCR311D ★
10971 E. Airport Service Rd. ★ Swanton, Ohio 43558
TEL: (419) 865-2311 FAX: (419) 866-1807

REG: N3537N SN: 680089 HOBBS: 3619.62

1. While in flight, #1 cylinder indicated that it was not firing. Performed visual inspection on engine. Compression tested cylinder and found it to be 77/80. Removed, cleaned and reinstalled spark plug on #1 cylinder. Removed, cleaned and reinstalled fuel injector on #1 cylinder. Reassembled and performed ground run. Operational and leak check satisfactory at this time.

"MAINTENANCE RELEASE"

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was APPROVED for return to service with respect to work performed. Pertinent details of the repair/inspection are on file at this Repair Station # DSCR311D.

SIGNATURE: *Anita Harold*
Anita Harold

November 15, 2013

SUB-TOTALS this page

TOTALS—Carry forward to next page

Dec 15 2012 Engine Model: IO-360-A1A Serial Number: R L-1441-51A

Engine disassembled, cleaned, and inspected. All parts were magnaflux, visually, or zygl inspected. Installed new Main bearings PN 11021 & 13884A and Rod Bearings. Installed new rod bolts and nuts P/N #s 75061, 12186. Installed new Crank Gear Bolt P/N SL-STD-2213. Installed 4 new Lycoming cylinder assemblies PN 05K21120 including pistons, pin, rings, valves and springs. This will constitute O SMOH after accessories installed and test ran... The following AD's were complied with or previously complied with: C/W AD 2004-10-14 C1 by new crank gear bolt I/A/W SB 475, next due at prop strike with or overhaul; AD 02-12-07 N/A, AD 98-02-08 N/A, AD 96-09-10 P/C/W, correct gears installed. AD's 92-12-05, 93-11-11, 95-26-02, 97-15-11, and 98-17-11, 05-19-11, 06-06-16, 06-12-07, 06-20-09, 07-04-19 R1 not applicable. All work accomplished I/A/W Textron Lycoming overhaul manuals.

Aero Engines RS 27Wr209B

DATE	TOTAL TIME IN SERVICE
6-29-13	Tach ENG

WARNING

- When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs.
- Use only the installation hardware provided.
- Secure nut with appropriate cotter pin.

3514.93
10/14/11

FAA-PMA Approved

This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in the Champion/Slick L-1318 Document in the F-1100 Master Service Manual. For LASAR[®] Magnetos, see L-1500 Manual.

Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook.

Magneto Model No. 4347

Magneto Serial No. 11021357

Date of Installation 10/17/11

L-1543

March 30, 2009

Date: 4/10/2013; Aircraft: N3537N; Type: Mooney M20F; S/N: 680089; Tach: 3577.46; Total Time: 3577.46; Engine - Type: IO-360-A1A, S/N: RL-1442-51A, Time: 3577.46, SMOH: 1580.10; Prop - Type: HC-C2YK-1BF/F7666A-2, S/N: CH40591B, Time: 532.36, SMOH: 532.36
Shop Order #: W00-120269

- Reinstalled engine after overhaul by Aero Engines of Winchester with the following components: Fuel servo RSA-5AD1 pn:2524054-11; sn.63725 overhauled by Avstar fuel systems Jupiter, FL. under Wo #169783 dated 12/1/2012. Fuel flow divider pn:2524219-2 sn: 204 overhauled by Avstar under WO# 169784 dated 12/14/2012. Oil cooler pn: 8432 sn:2332 overhauled by R&E Oil Cooler Services CRS# 1T3R591L under WO# 4319 dated Jan.11,2013. Prop gov. DC290D1-F/T9 sn:060165 overhauled by New England Propeller Service CRS# RC2R130L under WO# 39518 dated Dec.21,2012. New Sky-Tec starter pn:149-12LS sn: F2L-041324. NA49706.ew Rapco Vacuum pump pn:RAP215CC sn: A49706.
- Complied with AD2011-26-04 by visual inspection of all fuel injector lines IAW MSB 342F and replaced #4 line with new LW-12098-0-210, next due at TT 3677.46 April 1,2014 and when maintenance is done that disturbers fuel injector lines are disturbed.
- Removed aviation development corporation remote oil screen and chip detector system part number 600010-1, removed associated panel lights.
- Installed Airwolf AFC-K007 remote mounted oil filter kit and one each :1115-09E-0220D :1115-8D-0170-0170 oil hoses fabricated by A.E.R.O hose shop under work order H21989-1 dated 03/20/2013 IAW STC# SA0024NY. See weight and balance and form 337 this date.
- Installed Oilamatic, Inc. Preoiler and one each 124F003-6CR-0225 and 111F8D-0220 oil hoses fabricated by A.E.R.O hose shop IAW STC SA00117DE and drawing M200400,Rev.A dated 01/05/2003.see weight and balance changes and form 337 this date.
- Serviced Gami fuel injectors IAW GAMI installation procedures 98-001 Rev.B dated Mar.13,98
- Patched right aft baffle with approved 2024-T3 aluminum.
- R&R oil and fuel hoses to A.E.R.O. Hose shop for duplication under work order 13-1932.
- AD's checked through 2013-07.
- Ground ran and checked fuel and oil pressures, no leaks found. This aircraft was flight tested and all ops checks ok.

I certify that this engine has been repaired and inspected in accordance with annual, and is found to be in an airworthy condition. Pertinent details are on file under this work order.

Signed: Christopher A. Gibson
Christopher A Gibson for Freeway Airport Inc, CRS FK8R141Q7

Date: 4-10-2013

* New MAG 5 at Tach 3514.93, alternator at 3528.1

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

Date: 10/14/2011; Aircraft: N3537N; Type: Mooney M20F; S/N: 680089; Tach: 3514.93; Total Time: 3514.93; Engine - Type: IO-360-A1A, S/N: RL-1442-51A, Time: 3514.93, SMOH: 1517.57; Prop - Type: HC-C2YK-1BF/F7666A-2, S/N: CH40591B, Time: 469.83, SMOH: 469.83
Shop Order #: W00-110091

1. Re torqued all oil return line fittings.
2. Re torqued all valve cover gaskets screws.
3. Reattached fuel pump shroud to fuel pump.
4. Replaced both mags with new Slick 4347 left , serial number 11021357 and Slick 4370 right, serial number 11070444.
5. Adjusted propeller governor I/A/W Mooney M20F service manual.
6. C/W AD 08-14-07 External fuel injection lines I/A/W by visual inspection. Due again 100hr's or next annual.
7. Airworthiness Directives checked thru biweekly 2011-20
8. Aircraft ground run and flight test checks OK
9. Compressions: #1 - 78/80, #2 - 78/80, #3 - 79/80, #4 - 79/80

I certify that this Engine has been repaired and inspected in accordance with an Annual Inspection, and is found to be in an airworthy condition. Pertinent details are on file under this work order.

Signed: Christopher A. Gibson
Christopher A. Gibson

Date: 10-14-2011

				N3537N 11-25-11 Tach 3528.1 Replaced alternator and regulator. Alternator p/n 015-01237 s/n off 7048 s/n on 12971. Regulator p/n 625-61623 s/n off 8704 s/n on 15060. Changed oil - insp and clean screen. Aeroshell 15W50. Douglas R. Kitz IA 1516937
May	30	Tach 3557	changed oil & checked and cleaned oil screen to Debr. Ford Aerohill 15W50. Test run 10 hrs.	<u>Douglas R. Kitz</u> - 10-14-2011 -



Freeway Airport, Inc.
3900 Church Road, Mitchellville, MD 20721
301-262-6544 (p) 301-262-4967 (f)

Date: 4/10/2013; Aircraft: N3537N; Type: Mooney M20F; S/N: 680089; Tach: 3577.46; Total Time: 3577.46; Engine - Type: IO-360-A1A, S/N: RL-1442-51A, Time: 3577.46, SMOH: 1580.10; Prop - Type: HC-C2YK-1BF/F7666A-2, S/N: CH40591B, Time: 532.36, SMOH: 532.36
Shop Order #: W00-120269

Removed IO360-A1A sn. RL-1442-51A from Mooney M20 F sn.680089 for overhaul.

I certify that this engine has been removed in accordance with Mooney service manual, for overhaul, Pertinent details are on file under this work order.

Signed: Christopher A. Gibson
Christopher A Gibson for Freeway Airport Inc, CRS FK8R141Q

Date: 4-10-2013

SUB-TOTALS this page

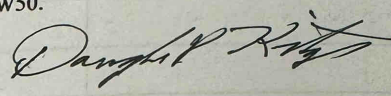
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TOTALS brought forward from previous page

N3537N 8-18-10 Tach 3423.5 Changed oil – insp and clean screen. Aeroshell 15W50.

Douglas R. Kitz
IA 1516937



ENGINE MODEL:
IO-360-A1A
ENGINE S/N: RL-1442-51
REG. NO: N3537N
WORK ORDER:
1488-10-2010

Don Maxwell Aviation Services, Inc.
390 Central Road
Longview, Tx 75803
Phone: 903-643-9902

DATE: 10/19/2010
A/C TSN: 3439 68
ENG TT: 3439 68
TSMOH: 1442.32
TACH: 3439.68

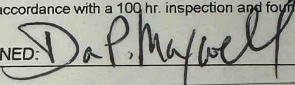
Engine Entries

(3) Checked compression #1-78, #2-79 #3-78, #4-79/80. Cleaned & gapped plugs. Serviced injectors. Check mag timing & security... (11) AD 2008-14-07 Fuel line inspection. Complied with by inspection.... (12) AD2009-02-03 Lean Running engine Complied with by replacement of gasket Pn. 365533 with new gasket part # 2577258, retorque nut to 100 in #s and safely wired. Plug scribed with the letter G... (18) Ops check Shower of Sparks for proper operation at all 4 cylinders at TDC.Ops, good. Engine appeared to be flooded during hot starts, Log entry showed flow divider diaphragm replaced 2006. Removed flow divider and replaced with test unit. Hot start ops good. Disassembled flow divider and found 2521635 spring missing. Installed spring Pn 2521635, reinstalled flow divider and hot ops normal.
NOTE: According to log books, both Slick mags and fuel system have 1442.32 since Oh 6-8-1999. Servo does not hold pressure after shut down indicating internal leakage. Overhaul recommended.

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

DATE: 10/19/2010

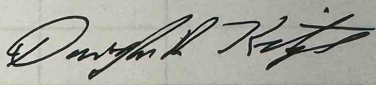
SIGNED:



Work Order: 1488-10-2010

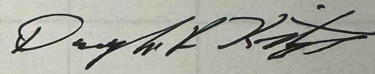
N3537N 11-8-10 Tach 3450.8 Changed oil – insp and clean screen. Aeroshell 15W50.

Douglas R. Kitz
IA 1516937



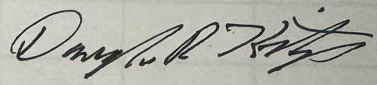
N3537N 4-25-11 Tach 3483.3 Changed oil . Insp and clean screen. Aeroshell 15W50.

Douglas R. Kitz
IA 1516937



N3537N 8-22-11 Tach 3505.6 Changed oil. Insp and cleaned screen. Aeroshell 15W50.

Douglas R. Kitz
IA 1516937



SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE
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- Date: 10/14/2011;
IO-360-A1A, S/N:
Time: 469.83, SM
Shop Order #: W
1. Re torqued all
2. Re torqued fu
3. Reattached fu
4. Replaced bot
5. Adjusted prop
6. C/W AD 08-1
7. Airworthines
8. Aircraft grou
9. Compressio

I certify that th
airworthy con

Signed: C

may
30
2011

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTALS brought forward from previous page

N3537N 2-20-09 Tach 3270.0 Changed oil - insp and clean screen. Exxon Elite 20w50. Tightened oil filler tube.

Douglas R. Kitze
IA1516937 *Douglas R. Kitze*

N3537N 5-1-09 Tach 3288.6 Changed oil - insp and clean screen. Aeroshell 15W50. + Cam Guard

Douglas R. Kitze
IA 1516937 *Douglas R. Kitze*

N3537N 9-1-09 Tach 3339.0 Changed oil - insp and clean screen. Aeroshell 15W50. + Cam Guard

Douglas R. Kitze
IA 1516937 *Douglas R. Kitze*

Annual Inspection

Aircraft: N 3537N Make: **Mooney** Model: **M20F** Tach Hours: **3352.22** Total Hours: **3352.22**

1. Changed oil and inspected oil screen for contamination, serviced crankcase with 7qt. Aeroshell 15w50
2. Cleaned and serviced induction air filter
3. Replaced oil temperature sender with new part number AN5525-1
4. Complied with airworthiness directive 08-14-07, fuel injector lines, by visual inspection, due again next annual, 100 hours, or fuel line maintenance.
5. Airworthiness directives checked thru biweekly 2009-21

Cylinder Compressions: #1-74/80, #2-79/80, #3-75/80, #4-76/80

----- END -----

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



I Certify that this Engine has been Repaired and Inspected in accordance with an Annual Inspection and found to be in airworthy condition. Details are on file under work order number 5371

Signed: *Michael W. Ripley*
Michael W. Ripley

Date: 10-16-09

N3537N 4-29-10 Tach 3391.2 Changed oil - insp and clean screen. Aeroshell 15W50.

Douglas R. Kitze
IA 1516937 *Douglas R. Kitze*

SUB-TOTALS THIS PAGE

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TOTALS—Carry forward to next page

TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Annual Inspection

Aircraft: **N 3537N** Make: **Mooney** Model: **M20F** Tach Hours: **3166.0** Total Hours: **3166.0**


1. Drained oil, inspected and cleaned both screens and serviced with 40wt mineral oil
2. R&R all cylinders for overhaul by Colombia Aircraft, reference w/o no. 022737 dated 10-24-07
3. Replaced vacuum sump with new Ropco model no 215CC
4. Replaced #3 cylinder CHT & EGT probes with part no's 5050A & 111
5. Replaced induction duct with Mooney part no. 600115-005
6. Installed Lasar Oil Cooler relocation I/A/W STC SA 2513NM see 337 this date
7. R & R oil cooler S/N 2332 for overhaul by Drake Air, reference s/o 444805 dated 10/26/07
8. Replaced oil sumps quick drain with part no. P5000
9. C/W AD 02-26-01 fuel injector lines by inspection, due again tach 3266, next annual or when maintenance is performed
10. Compression-overhauled cylinders

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


I Certify that this Engine has been Repaired in accordance with an Annual Inspection and found to be in airworthy condition. Details are on file under work order number **4867**

Signed:  Date: **12-3-07**
Thomas J. Williams

N3537N 1-4-08 Tach 3176.9 Changed oil – insp and clean screen. Exxon Elite 20w50.

Douglas R. Kitz 
IA1516937

N3537N 8-19-08 Tach 3227.5 Changed oil – insp and clean screen. Exxon Elite 20w50.

Douglas R. Kitz 
IA1516937

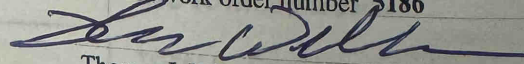
Annual Inspection

Aircraft: **N 3537N** Make: **Mooney** Model: **M20F** Tach Hours: **3241.1** Total Hours: **3241.1**

1. C/W AD 08-14-07 external fuel injection lines by inspection, due again annual, 100 hrs or any fuel line maint.
2. Changed oil with Exxon Elite 20W/50. Checked all oil screens.
3. Replaced right lower engine mount with new Lord J-9613-12.
4. Replaced left mag gasket with new LW 12681. Retimed both mags to 25 BTC.
5. Replaced crankshaft seal with new LW 13792.
6. Replaced #2 cyl forward baffle anchor nut.
7. Replaced #4 cyl exhaust slip joint clamp nuts.
8. Cleaned, gapped, and rotated all spark plugs.
9. Checked cylinder compressions 1) 70. 2) 70. 3) 74. 4) 75.
10. Washed down engine and performed test run.
11. Checked all AD,s threw FAA BI-WEEKLY 2008-20.

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

I Certify that this Engine has been Inspected in accordance with an Annual Inspection and found to be in airworthy condition. Details are on file under work order number **5186**

Signed:  Date: **Oct 17, 2008**
Thomas J. Williams

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	3045.1	1047.8	3045.1	TOTALS brought forward from previous page

Annual Inspection

Aircraft: N 3537N Make: Mooney Model: M20F Tach Hours: 3045.1 Total Hours: 3045.1

1. Changed oil and filter, inspected both screen and element for contamination, serviced crankcase with Exxon Elite 20/50
2. Installed Challenger K+N induction filter with part number CP1176, in accordance with STC SA01669CH, see 337.
3. Replaced existing governor with new McCauley model DC29001T9, serial no. 060165, and governor bracket part number 660199-001
4. Replaced alternator belt with new Gates #9360
5. Replaced flo divider diaphragm with new number 2526388
6. Complied with Airworthiness Directive 02-26-01, fuel injector lines, by inspection, due again 10/07, 100 hour, or maintenance performed.
7. Compressions: #1-76/80, #2-75/80, #3-76/80, #4-75/80
8. Airworthiness Directives checked thru bi-weekly 2006-21

-----END-----

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



I Certify that this Engine has been Repaired and Inspected in accordance with an Annual Inspection and found to be in airworthy condition. Details are on file under work order number 5037

Signed: *Thomas J. Williams* Date: Oct 20, 2006
Thomas J. Williams

Maintenance Release

Aircraft: N 3537N Make: Mooney Model: M20F Tach Hours: 3100.03 Total Hours: _____

DRAINED OIL AND REPLACED WITH EXXON ELITE 20W-50 OIL. ALSO CLEANED AND INSPECTED AVIATION DEVELOPMENT CORP, OIL FILTER ASSEMBLY, NO CONTAMINATION FOUND. ALSO CLEANED AND GAPPED LOWER PLUGS. WASHED ENG, RUNUP AND LEAK CHECK GOOD.

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



I Certify that this Engine has been Inspected in accordance with current FAA regulations and is approved for the return to service. Details are on file under work order number 4794

Signed: *Thomas J. Williams* Date: 4-20-07
Thomas J. Williams

N3537N 8-16-07 Tach 3150.6 Changed oil - insp and clean screen. Exxon Elite 20w50. Replaced air duct from cowl to muffler shroud.

Douglas R. Kitze
A1516937

Douglas R. Kitze

SUB TOTALS THIS PAGE

TOTALS—Carry forward to next page

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
<u>7/20/04</u>				N3537N 7/20/04 Tach 2822.18 Changed oil. Clean & inspect screen. Exxon Elite 20W50. Douglas R. Kitz IA 1516937 <i>Douglas R. Kitz</i>
<u>10/21/04</u>				N3537N 10-21-04 Tach 2872.6 Changed oil - insp and clean screen. Exxon Elite 20w50. Douglas R. Kitz IA1516937 <i>Douglas R. Kitz</i>

Maintenance Release

Aircraft: N 3537N Make: Mooney Model: M20F Tach Hours: 2918.7 Total Hours: 2918.7

1. CHANGED OIL, CLEANED AND INSPECTED OIL FILTER AND SERVICED CRANKCASE WITH 20/50WT EXXON ELITE.
2. SERVICED SPARK PLUGS WITH NEW GASKETS.
3. REPLACED INDUCTION ELEMENT WITH BA 6305.
4. C/W AD 02-26-01 FUEL INJECTOR LINES BY INSPECTION, DUE AGAIN TACH: 3018.7 OR NEXT ANNUAL.
5. AD'S CHECKED THRU BIWEEKLY 2005-08.
6. COMPRESSION: #1-75/80 #2-75/80 #3-74/80 #4-71/80
END

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

I Certify that this Engine has been Inspected in accordance with an Annual Inspection and found to be in airworthy condition. Details are on file under work order number 4656



Signed: *Thomas J. Williams*
Thomas J. Williams

Date: 5-3-05

N3537N 9-2-05 Tach 2974.5 Changed oil. Inspected and cleaned screen. Adjusted alternator belt.

Douglas R. Kitz
IA 1516937

Douglas R. Kitz

N3537N 2-28-06 Tach 3029.2 Changed oil - insp and clean screen. Exxon Elite 20w50.

Douglas R. Kitz
IA1516937

Douglas R. Kitz

SUB-TOTALS this page
TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE
	<u>30</u>

- Aircraft:
1. Change
 2. Instal
 3. Repla
 - 660199-
 4. Repla
 5. Repla
 6. Com
 - mainten
 7. Com
 8. Airv

Free
39
Mit
C

Aircraft
DRAIN
AVIAT
CLEA

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3
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10-15-03	2692.2	2692.2		Changed engine oil with Exxon Elite 20w50, cleaned A/C oil filter. Repaired red wire to JPS #1 EGT probe. Replaced EGT probe with new probe part # 26255.
				The 10-15-03 was repaired and inspected IAW CFR 14 Part 43 and is approved for the return to service. Details on file under W.O. # 4441 Total Time 2692.2 Signed <i>Thomas J. Williams</i> Date _____ Freeway Airport, Inc. 3900 Church Rd Mitchellville, MD 20721 CRS # FK8R141Q
3/5/04			2747.7	N3537N 3-5-04 Tach 2747.7 Changed oil. Insp and clean screen. Exxon Elite 20W50. Douglas R. Kitz IA 1516937 <i>Douglas R. Kitz</i>

Annual Inspection

Aircraft: N 3537N Make: Mooney Model: M20F Tach Hours: 2770.8 Total Hours: 2770.8

1. CHANGED OIL AND FILTER. INSPECTED BOTH ELEMENT AND SCREEN FOR CONTAMINATION. NONE FOUND. SERVICED WITH 20/50WT EXXON ELITE.
2. SERVICED SPARK PLUGS USING NEW GASKETS.
3. REPLACED INDUCTION AIR FILTER WITH NEW BA 6305.
4. C/W AD 02-26-01 FUEL INJECTOR LINES BY INSPECTION. DUE AGAIN TACH 2870.8 OR NEXT ANNUAL.
5. ADs CHECKED THROUGH BIWEEKLY 2004-07.
6. COMPRESSIONS: 1/76, 2/76, 3/72, 4/75

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

I Certify that this Engine has been Repaired and Inspected in accordance with an Annual Inspection and found to be in airworthy condition. Details are on file under work order number 4512



Signed: *Thomas J. Williams*
Thomas J. Williams

Date: 4-16-04

SUB-TOTALS this page
TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTALS brought forward from previous page

Annual Inspection

Aircraft: N 3537N Make: MOONEY Model: M20F Tach Hours: 2614.3 Total Hours: 2614.3

1. CHANGED OIL & FILTER, INSPECTED BOTH ELEMENT AND SCREEN FOR CONTAMINATION, SERVICED WITH EXXON 20/50 ELITE.
2. REPLACED ALL SPARK PLUGS WITH REM38S.
3. REPLACED INDUCTION FILTER WITH BA-8103.
4. C/W AD 02-26-01 FUEL INJECTOR LINES BY INSPECTION, DUE AGAIN TACH:2714.3.
5. AD'S CHECKED THRU BIWEEKLY2003-08.
6. ADJUSTED ALTERNATOR BELT.
7. COMPRESSION: #1-77/80 #2-78/80 #3-75/80 #4-76/80

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

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

Signed: Thomas J. Williams Date: 4-25-03

DATE	TOTAL TIME IN SERVICE
<u>10-15-03</u>	<u>2692</u>
<u>3/5/04</u>	

7-15-03 TACH 8
2639.0

Removed and installed, repaired prop governor model D-1-6 5/16 1148R for more into see yellow tag - order # 25658. Ground run-up ops, ck on prop governor OK & no oil leak at this time. Also, changed engine oil, and cleaned oil screen, serviced with 8 qts Exxon Elite 20W50 - ground run-up check for leaks, found none at this time. Robert Hernandez
549920082

Aircraft: N 3537

1. CHANGED OIL & FILTER, INSPECTED BOTH ELEMENT AND SCREEN FOR CONTAMINATION, SERVICED WITH EXXON 20/50 ELITE.
2. REPLACED ALL SPARK PLUGS WITH REM38S.
3. REPLACED INDUCTION FILTER WITH BA-8103.
4. C/W AD 02-26-01 FUEL INJECTOR LINES BY INSPECTION, DUE AGAIN TACH:2714.3.
5. AD'S CHECKED THRU BIWEEKLY2003-08.
6. ADJUSTED ALTERNATOR BELT.

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



SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

ANNUAL INSPECTION
N3537N

1. CHANGED OIL AND REFILLED WITH EXXON-MOBIL 20W50 ELITE. CHECKED ADC OIL FILTER AND CLEANED IAW AVIATION DEVELOPMENT CORP. INSTRUCTIONS. CHECKED OIL SCREENS.
2. REMOVED MUFFLER FOR REPAIR. REINSTALLED WITH NEW GASKETS AND HARDWARE.
3. REPLACED #3 CHT PROBE W/ CUSTOMER SUPPLIED PROBE) — ?
4. COMPRESSIONS: 1/78, 2/79, 3/77, 4/74.
5. WASHED ENGINE, RAN, FLIGHT TESTED AND CHECKED FOR LEAKS.
6. COMPLIED WITH AD 93-02-05 FUEL INJECTOR LINES, BY INSPECTION. **NEXT DUE 5/03 OR TACH: 2582.8.**
7. ADS CHECKED THRU BIWEEKLY 2002-8

INSPECTION

I certify that this ENGINE has been inspected in accordance with ANNUAL and determined to be in AIRWORTHY condition. Details on file under W. O. 4158 Tach Time : 2482.8 Total Time: 2482.8

Signed *Thomas J. Williams* Date 5-29-02
Thomas J. Williams

Freeway Airport, Inc. 3900 Church Road, Mitchellville, MD 20721
Certified Repair Station # FK8R141Q

N3537N 9-17-02 Tach 2537.3 Changed oil and cleaned screen.
Exxon Elite 20W50.

Douglas R. Kitze *Douglas R. Kitze*
IA 1516937

3/13/03 Tach 2588.64 N3537N Changed oil and cleaned screen
Exxon Elite 20W50

Douglas R. Kitze *Douglas R. Kitze*
IA 1516937

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ANNUAL INSPECTION
N35377

1. CHANGED OIL AND FILTER, INSPECTED BOTH ELEMENT AND SCREEN FOR CONTAMINATION, SERVICED WITH EXXON 20/50.
2. R&R EXHAUST SYSTEM WITH NEW GASKETS AND HARDWARE AND REPAIRED TAILPIPE.
3. R&R OIL COOLER FOR REPAIR OF CRACKED MOUNTING FLANGE.
4. COMPRESSION #1 78/80 #2 79/80 #3 75/80 #4 78/80
5. WASHED ENGINE, FLIGHT TESTED AND CHECKED FOR LEAKS.

I certify that this Engine has been inspected in accordance with Annual and determined to be in Acworthy condition.

Details on file under W. O. Tach Time: 4067 Total Time: 2311
Signed Thomas William Date 4-27-01

Freeway Airport, Inc. 3900 Church Road, Mitchellville, MD 20721
Certified Repair Station # FK8R141Q

INSPECTION

INSPECTION

1. CHANGED OIL AND CLEANED
2. REMOVED M
3. REPLACED #
4. COMPRESSION
5. WASHED EN
6. COMPLIED V
7. ADS CHECK

I certify that this with AA Details on file un Signed

Freeway Airport Certified Repair

8/16/01 Tach: 2385.2 Changed engine oil. Disassembled filter unit. Inspected and cleaned filter screen. No abnormal material present. Reassembled filter unit. Nuts torqued to 120 in/lbs. as prescribed by placard on filter unit. Serviced engine with eight quarts Exxon 20 operation and leak check OK.

[Signature] A&P 377983021

12-21-01 Tach: 2434.9 CHANGED OIL, DISASSEMBLED FILTER UNIT. INSPECTED AND CLEANED FILTER ELEMENT. REASSEMBLED FILTER UNIT AND TORQUED TO 120 in/lbs. AS INDICATED ON FILTER HOUSING. SERVICED ENGINE WITH 8 QTS EXXON 20W50. OPERATIONAL AND LEAK CHECK OK.

[Signature] A&P 385782576

3/13/03

SUB-TOTALS this page
TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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TOTALS brought forward from previous page

8/12/99	2109.0			
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Drained oil. Removed ADC oil filter element and inspected, cleaned, installed. Torqued nuts to 120 in/lbs. Serviced engine with 8 qts. 15W-50 Aeroshell. Washed engine, run up engine - no leaks.

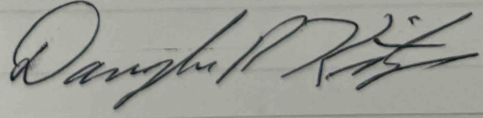
— Daniel V. Snow ATB 585065083 —

4-14-00	2149.37			
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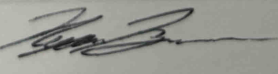
Drained oil, inspect filter, no discrepancy, ~~Also~~ Inspected ADC filter, no discrepancy, Serviced w/8 Qts Aerashell 15W50, cleaned gapped & tested sparkplugs, mag timing checked to magnetor, New foam Air filter BA6305, C/W Textron AD 93-02-05 "fuel injector" as per SB342B dia no 2A, no discrepancy, cleaned GAMI injectors, Retorqued Tail pipe/exh. hardware, Washed down, Run up checks & leak checks are satisfactory.

I certify that this Engine has been inspected I/A/W Annual and determined to be in airworthy condition. Detail file under W.O. # Total Time 2149.37
 Signed Daniel V. Snow Date 4-14-00
 Freeway Airport, Inc. 3900 Church Rd
 Mitchellville, MD 20721 CRS # FK8R141Q
 ENG. SMOH = 152-01

N3537N 8-21-00 Tach 2215.8 Changed oil - insp and clean screen. Aeroshell 15W50

Douglas R. Kitze 
 AI 1516937

N3537N 1-22-01 Tach 2272.0 Changed oil. Aeroshell 15W50. Inspected and cleaned screen. Secured starter ground lead.

SI Ryan Brescoe 
 A&P 377983021

TOTALS—Carry forward to next page

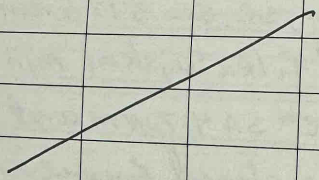
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	DATE	TOTAL TIME IN SERVICE
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TOTALS brought forward from previous page

	1997.36	0.0		<p>s/n CH4154, cleaned & painted eng frame, installed J.P. Inst. Engine Monitor EDM-700 s/n 10035 I/A/w STC # SA2586NM see 337 form, replaced Alt. Belt # LY-37A19TTB-37 used new Exhaust gaskets & holder, replaced bracket filter Element BA-6305, engine good run O.K.</p>	8/12/99	2109
					4-14-00	2149

I certify that this ENGINE has been inspected V/A/W ANNUAL and determined to be in AIRWORTHY condition. Details on file under W.O. # 3613 Total Time 1997.36
 Signed Daniel J. Snow Date 6-18-99
 Freeway Airport, Inc. 3900 Church Rd
 Mitchellville, MD 20721 CRS # FK8R141Q

6-22-99 ^{Tach} 2008.49



Drained oil, removed ADC oil filter element. Inspected, cleaned, and reinstalled. Torqued nuts to 120 inch pounds. Added eight quarts of Aeroshell W100 which was provided by the owner. Washed and recoiled engine.

Bob Wyatt AP/IA 440788/42

8/13/99 2059.98 40.62

Drained oil, removed ADC oil filter element. Inspected, cleaned & reinstalled. Torqued nuts to 120 inch pounds. Added eight quarts of Aeroshell W100 plus oil which was provided by owner. Washed and recoiled engine.

Daniel J. Snow ATP 585065083

SUB-TOTALS this page
 TOTALS—Carry forward to next page

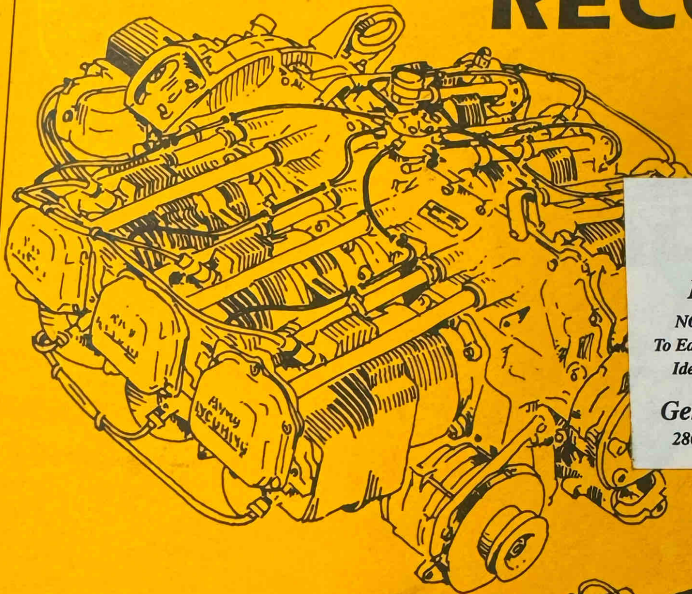
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
6-8-99		0		Crankcase modified as per stc SE86285W by Chuck Mley Enterprises see 337 Dated 5-14-99 RSQXR125L <i>[Signature]</i>
1997.36	0.0	696.36		Installed Engine Model IO-360-A1A s/n RL-1442-51A in A/c N3537N replaced engine shock mounts, refilled crankcase w/ 8qt AFS mineral 50W oil, installed Sky-Tee lightweight Starter m/n 149-12LS s/n F2L-649951 I/A/w stc # SE00218NY see 337 form installed Cam injectors # GL10 s/n 6045 I/A/w stc # SE09445SC see 337 form Installed ADC oil filter system m/n 600010-1 I/A/w stc # SA4172NM and stc # SE5743NM, replaced Engine Baffle Seal w/ GEE-BEE Baffle Seal kit M20F, oil Cooler O/H by united Accessory P/n 8432E s/n 2332 see yellow tag., prop Gov. O/H by New England prop Service inc., Hartzell m/n D-1-6 s/n 1148R see yellow tag., Propeller O/H by East Coast prop Service inc Hartzell m/n HC-C24K-1BF/F766A-2
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

Next page

Overhauled on the ed access logbook.

Status
3 M
2 M

ENGINE MAINTENANCE RECORDS



This Engine Is Equipped With

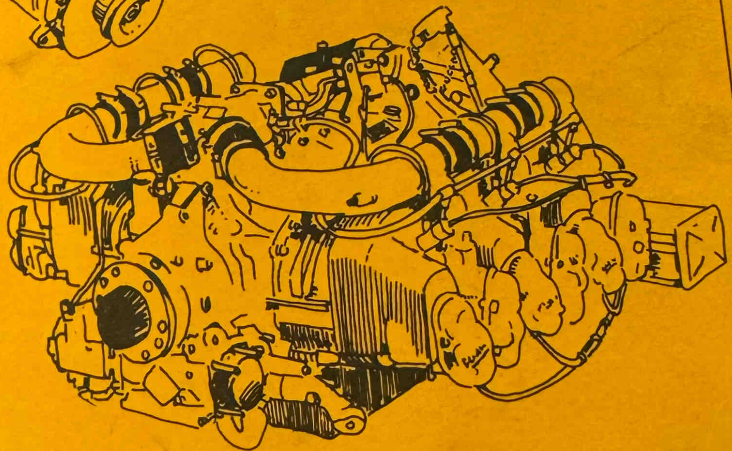
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Performance Fuel Injection

*NOTE: Fuel Injector Nozzle Location Is Specific
To Each Cylinder. Refer To Individual Cylinder/Injector
Identification When Removing/Installing Nozzles.*

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