

ENGINE LOG

EF5-1

ENGINE DESCRIPTION

MANUFACTURER Lycoming MODEL 0-360CC A1D

SERIAL NUMBER L-9314-36A DATE OF MANUFACTURE _____

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE _____

REGISTERED OWNER N-2696W

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2/1/79		Engine removed from aircraft for major over. Engine disassembled, cleaned & insp. - all steel parts magnafluxed. O.K. - Case reglazed - Complete set of Chrome cyls exchange - New guides & Seats - New Ex. guides #74541 - New Pistons w/ rings (for Chrome cyls.) New Rod & Main Brgs std. - New tappets - Camshaft w/ 78290 lifters - New Rod bolts & nuts - Seal & gasket Set - Installed exchange mag, gen & starter - Harness & Plat. Spark Plug REM 38P - oil filter & adapter - New lark mounts - engine installed & ground run satisfactory W.O. 592 Cast. out. Repair Sta E19-85 Robert Thomas
2-2-79	2190.00	all Ser. Bul & Letters Yw A.D's O/w on record -
3-4-79	2217.00	Oil Chng & Filter 50 Minenzl

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Oct 6 1979
		I CERTIFY THAT THIS ENGINE HAS BEEN INSP IN ACCORDANCE WITH AN ANNUAL INSP & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION NO BT PER AD 79/09/02 Change oil and filter clean plugs change air filter carb on R+R PROP FOR AD 111 12586 SEE TAG IN PROP LOG
10-6-79	2280.00	Install Retainer 1695163 AF CH 2904 - 7666A-2
7-30-80		Install New Vacuum Pump Clean Pump & Retainer Magnet Rv.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Nov 11 1980
		I CERTIFY THAT THIS ENG HAS BEEN INSP IN ACCORDANCE WITH AN ANNUAL INSP & WAS FOUND TO BE IN AN AIRWORTHY CONDITION CHANGED OIL & FILTER WROTE MOTION 111 12586 SEE TAG IN PROP LOG 1695163 AF
		TIME 2679 DATE AUG 26/82
		I CERTIFY THAT THIS ENG HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE AIRWORTHY. 111 12586 1695163 AF
		CHANGED OIL CLEAN SCREEN CLEAN & CARB PLUGS REPAIRED CARB HEAT BOX NEW AIR FILTER carb on end

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		TIME 2796 DATE <u>Nov 188</u> I CERTIFY THAT THIS <u>2796</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND HAS BEEN FOUND TO BE AIRWORTHY. <u>177 B-55C</u> <u>1695163AL</u> CHANGED OIL + FILTER CLEAN & GM RINGS REPAIRED MUFFLER REPLACED AIR FILTER COULD USE NEW CARB AIR DUCT REPLACED EXHAUST STOP IF 4 CYL PROP DUE 9/84
JUNE 21, 1984		CHANGED OIL + FILTER 8 QT PHILLIPS 20/50 OIL. <u>Eng. Penn</u> ACP252113

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
DATE <u>1 MAR 85</u>	TACH/NOBS <u>2811.58</u> HRS.	ALL ITEMS ON MOONEY INSPECTION CHECKLIST C/W. COMPRESSION #172/80, #272/80, #370/80, #472/80. INSTALLED NEW POINTS IN BOTH MAGNETOS. MAG TO ENGINE TIMING SET TO 250 BTDC. 621.58 HRS SMOH NEW MUFFLER INSTALLED USING 4 NEW 27611 GASSETS. REPLACED GENERATOR PULLEY AND BELT. INSTALLED NEW CH48110. SERVICED WITH 8 QTS 20W50AN. TEST RUN. NO DEFECTS NOTED — END —
ENGINE/AIRFRAME TOTAL TIME <u>2811.58</u> HRS.		
I CERTIFY THAT THIS ENGINE/AIRFRAME WAS IN-		
SPECTED IN ACCORDANCE WITH A <u>100 HR</u>		
INSPECTION AND WAS FOUND TO BE IN AIRWORTHY		
CONDITION. SIGNED <u>SCOTT SPLETZER</u>		
SCOTT SPLETZER A & P 048666152		
3-1-85	2811.58	TOTAL TIME AIRC. & ENGINE 2811.58 HRS. (TACH.) SMOH 621.58 HRS. TIME LAST 12 MOS. 65.58 HRS. DATE LAST ANNUAL 11-7-83
		I certify that this AIRCRAFT/ENGINE has been inspected in accordance with a <u>100 HR.</u> AN ANNUAL inspection, and was determined to be in airworthy condition. Date <u>3-1-85</u> Total time <u>2811.58</u> Signed <u>H. Morrarty</u> Harold Morrarty, IA 734240

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3/29/86 3/29/86	2887	tach 2887/696. smoh. oil changed, filter inspected & replaced. 8 qts Phillips 20W50 oil. Diff comp. test @ 80 PSI 1/71 2/73 3/73 4/70 Ground run + checked for leaks.
I certify that this <u>engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>3/29/86</u> ASE <u>Woodruff</u> Tach <u>T. 2887</u> <u>AD 1990851A</u>		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-5-87	2972.25 Tach 782.25 smoh	Drained oil, changed oil filter, Serviced with Aeroshell 15W50 oil. Adjusted Idle speed. Replaced two Ignition lead "B" nuts. Replaced Induction air filter element. Replaced ring gear. Removed starter, Replaced Bendix gear, replaced Bendix shaft, Replaced Front Bendix shaft Bushing, Replaced rear armature bearing. Reinstalled on engine. Replaced locker cover gaskets. Replaced brd mounts. Tightened and Re-safed Dipstick Tube. Shortened carb heat vent hose. Tightened #3 cyl oil return fitting. Safely wired throttle arm as per AD 77-6-5. Compression test #1 $\frac{72}{80}$ #2 $\frac{72}{80}$ #3 $\frac{74}{80}$ #4 $\frac{75}{80}$. Removed Prop Governor and Replaced seal between base and body. Reinstalled and Ground Run up proved satisfactory. Replaced one Spark Plug.
Date <u>6/5/87</u> Total Aircraft Time <u>2972.25 Tach</u> <u>782.25 smoh</u> this <u>Engine</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition. Authorized Signature <u>David Futrell</u> <u>AD 19545367</u> CITY ENGINES, INC. Orange Municipal Airport Orange, MA 01364 (617) 544-6962		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/5/87	782.25	782.25 Smon
		Total Aircraft Time 2972.25 Tach
		Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.
		Authorized Signature <u>Ronald Shaw</u> 4172555555
		CITY ENGINES, INC. Orange Municipal Airport Orange, MA 01364 (617) 544-6962

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-12-88	3055.51	1. DRAIN oil CLEAN SCREENS CHANGE Filter 2. Lube & check Engine Controls 3. Replace Intake Air Filter + SERVICE BATTERY 4 Comp. 1 1/80 2 1/80 3 1/80 4 1/80 5 Change SPARK plugs REM38E & check mag timing 6 Replace oil 15W50 ACROShell *WASH Run up & leak check OK
DATE 10-12-88	T.T. 3055.51	
		I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr INSPECTION AND WAS FOUND AIRWORTHY. CR 10/14/88

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12/15/90	3184.40	back 3184.40 / 994.40.5 MCH Changed oil & filter - installed 8x15-87 Gungbilly Diff c 1753/754/77 Wreck New Eng Props 6-7-91 AD Note 77-12-06 3212:2 HR'S on AC FIRST SHOWS up in AC Ser # 5872, CH

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-7-91	3212:2	① Remove prop for AD compliance.
6-25-91	3212:2	① Installed prop after AD note compliance by New England Prop. Inc - see prop log AD 77-12-06 next due 6-25-96 or 4712:2 whichever occurs 1 st , CH-5872 ② Run up & ck - all functions normal - — End —
FITCHBURG COLONIAL AVIATION INC. Acft Sales, Service, Parts, Charter Municipal Airport FITCHBURG, MA 01420-6895 (508) 345-0373 FAX # 508-345-5795 A4P1X785882		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11/15/91	T/H 3237.4 HRS - Completed	I CERTIFY that this engine has been inspected in accordance with INSPECTION REVIEW OF AD'S THRU-DATE OF INSPECTION COMPRESSION 1-74 2-75 3-76 4-75 TIMING 25° BTDC Checked ANNUAL inspection and was determined to be in airworthy condition.
	SCREENS, INSPECTED EXHAUST & MUFF. CHANGED FILTER CITY 9110 & OIL 8 QUARTS 15/50 Aero-Shell. RUN-UP OK. END.	<u>J. L. Davis</u> JEFFRY L. DAVIS, A & P 1675836JA
Dec 21, 1991	T/H 3239.2 HRS - Complied WITH AD 90-04-06 ¹	
	THE INSTALLATION OF Propeller Governor oil line Aero-QUIPT #AE366316260360 meeting TSO C530 & tied with fire sleeve; new clamps & steel fittings at case front & Governor. Run-up test completed, Form 337 Filed & AD 90-04-06 ¹ signed off. <u>Jeffrey L. Davis</u> end — AP/1675836JA —	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/27/93	3264.61 T/H / SMOH 1074.61 HRS	I CERTIFY that this engine has been inspected in accordance with INSPECTION REVIEW OF AD'S THRU-DATE OF INSPECTION COMPRESSION 1-75 2-75 3-76 4-75 Cleaned ANNUAL inspection and was determined to be in airworthy condition.
	Completed INSP. & REVIEW OF AD'S THRU-DATE OF INSPECTION. Compression 1-75 2-75 3-76 4-75. Cleaned Intake	
	exhaust SCREEN, Replaced Rod end at Prop. Governor Control. Reamed & Gapped & Tested all Plugs. Cleaned engine thru	<u>Jeffrey L. Davis</u> JEFFRY L. DAVIS, A & P 1675836JA
	Wash and engine areas of oil sump. Run-up Tested all Parameters during oil change. oil Temp. non/100°. Static test PWR. END —	
10/6/94	T/H 3269.00 HRS Completed	I CERTIFY that this engine has been inspected in accordance with INSPECTION REVIEW OF AD'S THRU-DATE OF INSPECTION PERFORMED ANNUAL inspection and was determined to be in airworthy condition.
	INSPECTION, PERFORMED ANNUAL TEST TEST ALL T/H 80, TIMING 25° BTDC, ENG. RUN-UP meets MFR. SPEC. END. —	<u>Jeffrey L. Davis</u> JEFFRY L. DAVIS, A & P 1675836JA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-20-98	3272.4 TT	1082.4 SMOH (2-2-79)
	1.	REMOVED ENG FROM N2696W SENT OUT FOR MGR. OVERHAUL

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Penn Yan Aero Service, Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed, reassembled in accordance with manufacturer's current overhaul manual. Engine test run. All applicable Airworthiness Directives are in compliance. See A.D. list supplied. A description of these repairs is on file at this agency under:

W.O. # 1258 DATED 01/28/98
 MFG. LYCOMING MODEL O-360-A1D
 Serial No. L-9314-36A Time in svc. 3272.4



BY PENN YAN AERO

PENN YAN AERO SERVICE, INC.

Airport, Penn Yan, New York 14527

APPROVED REPAIR STATION NJ1R350K

Authorized Signature

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE: O-360-A1D SN. L-9314-36A DATE 01/28/98
 P/N S/N
 RT. MAG 10-163045-3 A06555
 LT. MAG 10-163005-2 28488
 ALT/GEN NOT PROVIDED
 INJ/CARB 10-3878 G182503
 FUEL PUMP LW15472 AA6880
 STARTER MZ4222 0090893
 TURBO CHARGER N/A
 CERMINILL CYL BORES

PENN YAN AERO SERVICE, INC.

Airport, Penn Yan, New York 14527

W.O. No. 1258

APPROVED REPAIR STATION NJ1R350K

Authorized Signature

1. INSTALLED IN MOONEY N2696W USING NEW! HARDWARE
 LORO MFG'S (4) # J7402-1, GEN. BELT 37B1994-325,
 GASKETS & RE-MFG 211CC VAC PUMP SH 08-5707 (over)

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		RE-INSTALLED PROP 828.4 HR'S SMOH & GOVERNOR AFTER FLUSHING BY NEW ENG. PROP. SER. INC. W/O CR-22390 (GOV) & W/O CR22391 (PROP) FILLED WITH 7 QT MIN. OIL, OPS OK & Ground Run SATISFACTORY END <i>George Beckner</i> 2223963 Put Pilot
7-29-98	3272.4 TNCBTT	imp. Owners work OK <i>GEORGE</i> 30427175
5-19-99	3283.8	+ REMOVED AUX ELCC FUEL Pump. OVERHALL YELLOW TAG ^{BY} MU INSTRUMENT SHOP. REINSTALL- ED, CHECKED OPERATION - FOR LEAKS - FOUND OK. + REMOVED BRAKE IN OIL, REPLACED WITH MINERAL AERO SHELL OIL # SAE 40 + SPIN ON FILTER NEW - EXAM OLD FILTER FOR METAL FOUND IT TO BE CLEAN END <i>George Beckner</i> 2223963 PUT PILOT

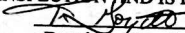
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	(ANNUAL 2000) INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/17/00	3283.8 ACT 11.4 SMOH	① Inspected and serviced Engine in accordance with Mooney Annual Inspection Report. ② Comp checks: ① 74/80 ② 78/80 ③ 74/80 ④ 72/80 ③ Remove plug cleaned and gapped tested reinstalled, cleaned leads. ④ Removed and cleaned All Fuel Screens. Reinstalled and Sealed. ⑤ Check MAG to Engine Timing Found within Spec. Inspected Points ⑥ Removed and Replaced Air Filter Element Installed new BAC110 Element. ⑦ Readjusted All Belt Tension Re Sealed Adjustment Bolt. ⑧ Readjusted Muffler Heat Shield Installed TAG to prevent future slipping. ⑨ Dressed prop and greased. Inspected Spin Out Bolt heads ⑩ Repointed top spark plug wire to prevent chaffing.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/17/00		(Annex 200) ① Oil WAS NOT changed Due to low HRS. ② WASHED Engine Run up leak checked none found @ this time. ③ Checked Controls For proper Travel and Seals etc. labeled same. <u>Eng/Annex</u> AWP/4552467 _____ END _____
		DATE <u>7/17/00</u> Tech. <u>AWP 32838</u> I certify that this <u>Engine</u> has been inspected accordance with <u>Eng/Annex</u> inspection and is in a satisfactory condition <u>Eng/Annex</u> AWP/4552467-49

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
NOV 27-00	3280:88	OIL & FILTER CHANGE SHELL 80W - MINERAL (7) QTS
<u>ENGINE</u> N2696W MOD.O360-A1D S/N L9314-36A <u>03-08-02</u> TACH <u>3325.41</u> 1.) Changed oil and filter serviced with Aero Shell 15-50 AD oil. 2.) Compression check. 1.) <u>72</u> 2.) <u>73</u> 3.) <u>75</u> 4.) <u>77</u> / 80. 3.) Checked Magneto timing. 4.) Cleaned and gapped Spark Plugs. 5.) Replaced RBC gaskets. 6.) Replaced crankcase breather hose. 7.) Checked and lubed controls. 8.) Checked and cleaned fuel screens. 9.) Run Engine and checked for leaks. I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND IS IN AIRWORTHY CONDITION.  Donald L. Goyette A&P14778271A 03-08-02		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
20 APR 2012	3388.38	REPLACED VALVE COVER GASKETS OIL RETURN TUBE LEAK, REPLACED CLAMP CARBURETOR AIRBOX OVER HAULED INSTALLED NEW OIL FILTER-CLEANED OIL SCREENS - ENG. OIL REPLACED WITH AEROSHEL-W80 COMPRESSION CHECK CYL # 2 - 77 4 - 73 1 - 75 3 - 70 INSTALLED NEW ENG. AIRFILTER STC 337 SEE FAA 337 DATED 18 APR 2012 CHECKED MAGNETO TIMING & SPARK PLUGS LUB ALL ENG CONTROLS PER. MOONEY SER. MANUAL RUN ENG, CHECK ENG. INSTS, ENG CONTROLS CHECK FOR OIL LEAKS

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		N2696W ANNUAL INSPECTION 2012
		Follows is a list of items addressed during the annual inspection of N2696W, a Mooney M20C serial number 3325.
		General Items: Airframe total time: 3388.38 Aircraft tachometer time: 3388.38 Engine total time: 3388.38 Engine time since major overhaul: 115.98
		Engine Items:
		• Compression test results: (1) 75 (2) 77 (3) 70 (4) 73.
		• At the conclusion of the above work the engine was given a final run up and systems/leak checks with satisfactory results.
		I certify that this engine was inspected in accordance with an annual inspection and approved for return to service.
		Robert Booth AP28784181A 20-Apr-2012

INSPECTION & MAINTENANCE RECORD

DA **Twin City Airmotive Inc (KFIT) Fitchburg, MA 01420 tel: 978-342-8700 twincity98@verizon.net**

Date: 2/27/17 Hobbs: Tach: 3392.94 N 2696W Engine Annual

Compression Test X/80 #1: 78 #2: 75 #3: 75 #4: 77 #5: #6:

Engine SMOH: Airframe Serial #: 3325

Performed the following annual inspection in accordance with FAR 43 APPX D:

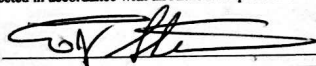
1. Performed compression check on engine with the following results: #1-78/80, #2-75/80, #3-75/80, and #4-77/80.
2. Drained oil and removed filter to cut open and inspect for contaminants- none found. Installed new filter P/N CH48110-1. Removed and cleaned suction screen. Reinstalled using new gasket P/N 06E19769-1.00. Serviced engine with 8Qts. Aero shell 15W50 oil. Ran up engine and leak checked. None found at this time. (work completed by owner)
3. Removed all spark plugs. Cleaned, inspected, set gaps tested and rotated. Reinstalled using new M674 gaskets.
4. Removed fuel injector nozzles. Cleaned and reinstalled.
5. Removed fuel screen. Inspected, cleaned and reinstalled.
6. Checked mag timing. Found to be 25degrees BTC.
7. Removed and replaced all scat hoses with new as required.
8. Removed and replaced all flexible hoses in engine compartment as required.
9. Removed fuel servo inlet screen. Inspected, cleaned and reinstalled.

End

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no 7794 and a copy has been provided to the owner/ operator.

I certify that this Engine has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Eric J Steigelman A&P 10582467 I.A.



INSPECTION & MAINTENANCE RECORD

DATE TOTAL TIME INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

Twin City Airmotive Inc (KFIT) Fitchburg, MA 01420 tel: 978-342-8700 twincity98@verizon.net

Date: 2/6/19 Hobbs: Tach: 3393.8 N 2696W Engine Annual

Compression Test X/80 #1: 78 #2: 74 #3: 77 #4: 78 #5: #6:

Engine SMOH: Airframe Serial #: 3325

Performed the following annual inspection utilizing the manufacturer's annual inspection guide:

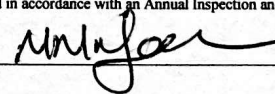
1. Performed compression checks on engine with the following results: #1- 78/80, #2- 74/80, #3- 77/80, #4- 78/80.
2. Drained oil. Removed and replaced filter with new filter P/N CH48110-1. Serviced engine with 8Qts Aeroshell 15W50 oil.
3. Removed and cleaned fuel screen. Reinstalled using a new gasket P/N 16A48.
4. Removed spark plugs. Cleaned, set gaps, inspected, rotated and reinstalled with new gaskets P/N M674.
5. Checked magneto timing as needed - both mags check good at this time.
6. C/W AD 2009-22-03 Prop Hub Inspection: C/W January 21, 2011 @ Tach 3388.21. Next inspection due at Tach 3488.21. After discussion with prop shop and owner propeller was sent to New England Propeller for evaluation.
7. Washed and cleaned engine.
8. C/W Airworthiness Directive research to 2019/02 biweekly issuance.

End

This aircraft was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed. Pertinent details are on file at this agency under work order no. 8567 and a copy has been provided to the owner/ operator.

I certify that this Engine has been inspected in accordance with an Annual Inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Mark Maljanian A&P 33545223 IA



INSPECTION & MAINTENANCE RECORD

Date: 7/18/20
AFTT: 3406.32

Tach: 3406.32
SMOH: 133.92

N: N2696W
Serial #: 3325

Performed the following annual inspection in accordance with FAR 43 APPXD:

1. Performed compression check on engine with the following results: #1-78/80, #2-75/80, #3-75/80, and #4- 77/80
2. Drained oil & removed filter to cut open and inspect for contaminants—none found. Installed new filter P/N CH48110-1. Removed and cleaned suction screen. Reinstalled using new gasket P/N 06E19769-1.00 Serviced engine with 8 qts Aero shell 15W50 oil. Ran up engine and leak checked. None found at this time.
3. Removed all speak plus. Cleaned, inspected, set gaps tested and rotated. Reinstalled using new M674 gaskets.
4. Removed fuel screen. Inspected, cleaned and reinstalled.

ENGINE - REMOVED ITEMS PER BELOW

1. Generator Delco-Remy PN 11-1915 50 Amp.
2. Starter Prestolite MZ 4206.
3. Voltage Regulator Delco-Remy PN 1119224C 50 Amp.

ENGINE - INSTALLED ITEMS PER BELOW

1. Installed Belt Driven Alternator Hartzell Engine Technologies PN 10-1051, SN H-T031500 Kit: SAL12-70 in accordance with STC No. SA10682SC. Installed Voltage Regulator R1224. Utilized existing 50 Amp Circuit Breaker. Replace wire with 6 GA M22759/16-6-9 Installed Gates 9335XL drive belt and adjusted belt tension. Replace wiring in accordance with AC43.13-1B. Reworked Silicone Baffle Seal as appropriate. Updated Airplane Flight Manual with HET Flight Manual Supplement in this Aircrafts Flight Manual.

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

2. Installed SkyTec Flyweight Starter 149-NL per STC. Replaced starter cable to solenoid with 4 gauge MIL-W-M22759/16-4-9 copper and new ring terminals. Placed Airplane Flight Manual Supplement in this Aircrafts Flight Manual.

All work complies with AC 43.13-1A Chap 11, 13, 15. AC 43.13-2A Chap 1, 2, 3 and AC 20-121 APP 1 Par 3.
Total Running Electrical Load does not exceed 80% of Aircraft Capacity.
Weight and Balance Revised and Placed in A/C.

This engine was inspected and/or repaired in accordance with the manufacturer's maintenance manuals. All systems interrupted have been tested and/or leak checked as necessary. This aircraft is approved for return to service with respect to the work performed.

I certify that this engine has been inspected in accordance with an Annual inspection and WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Eric Steigelman A&P 10582467 IA



C

INSPECTION & MAINTENANCE RECORD

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
N2695W	Lycoming #O - 360 S/N: L - 9314 - 36A	11/02/22
Tach: 3415.96 SMOH: 142.65		
Performed a 100 Hour Inspection in Accordance with Lycoming Maintenance and Service Manuals. Compression Check: #1 76/80 #2 75/80 #3 76/80 #4 76/80. Drained the Engine Oil and Replaced the Oil Filter, Installed Tempest AA - 48110 - 2. Added 8 quarts of Exxon Elite 20W - 50. Inspected Serviced the Fuel Bowl Gasolator. Inspected the Fuel Injector Rail and Lines. Checked the Magneto to Engine Timing. Removed, Cleaned and Inspected Sparkplugs, Replaced Copper Plug Gaskets: Installed Champion M-674. Inspected Exhaust System, Mufflers and Collectors/Clamps. Removed Inspected and Serviced Air Filter Element. Cleaned and Inspected Engine Bay. All Airworthiness Directives were reviewed thru IApproach 2022 - 20. This engine has been Inspected and Serviced in Accordance with a 100 Hour/ Annual Inspection and has been Determined to be in Airworthy Condition. Return to Service.		
		<i>El GRL</i> A & P 3690473

7/6/23	3453.41	Drained engine oil, installed new filter & serviced with 8 quarts of Aeroshell 15-50 engine oil. Removed, cleaned, and gapped all spark plugs. Run leak check performed w/ no defects noted. A+P 3664602 <i>CS</i>
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DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11/15/23	3507.49	Drained engine oil, installed new filter & serviced with 8 quarts of Aeroshell 15-50 Engine oil. Run leak check no defects noted. <i>CS</i> A+P 3664602
12/4/23	3518.33	C/W mooney Annual maint inspection, Diff hot comp check 1 7/8 2 7/8 3 7/8 4 7/8. Checked magneto to engine timing, cleaned inspected and re-gapped spark plugs. Inspected exhaust and clamps. All AD's checked and complied with. See AD report. I certify this engine has been inspected with Mooney annual checklist and has been found to be airworthy at this time. <i>CS</i> A+P 3664602
2/6/24	3551.82	Drained engine oil, installed new filter. Serviced with 8 quarts of Aeroshell 15-50 Engine oil. Removed and replaced intake tube gaskets (4 new). Run leak check performed no defects noted at this time. <i>CS</i> A+P 3664602
4/10/24	3598.74	Drained engine oil, removed & installed new filter. Serviced with 8 quarts of aeroshell 15-50. Run leak check performed, no defects noted. <i>CS</i> A+P 3664602

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED

N2695W

Lycoming O - 360 S/N: L - 9314 - 36A

11/02/22

Tach: 3415.96 SMOH: 142.65

Performed a 100 Hour Inspection in Accordance with Lycoming Maintenance and Service Manuals. Compression Check: #1 76/80 #2 75/80 #3 76/80 #4 76/80. Drained the Engine Oil and Replaced the Oil Filter, Installed Tempest AA - 48110 - 2. Added 8 quarts of Exxon Elite 20W - 50. Inspected Serviced the Fuel Bowl Gasolator. Inspected The Primer Inserts & Primer Lines. Checked the Magneto to Engine Timing. Removed, Cleaned and Inspected Sparkplugs, Replaced Copper Plug Gaskets: Installed Champion M-674. Inspected Exhaust System, Mufflers and Collectors/Clamps. Removed Inspected and Serviced Air Filter Element. Removed and Replaced all EGT and CHT Probes. Cleaned and Inspected Engine Bay. All Airworthiness Directives were reviewed thru IApproach 2022 - 20. This engine has been Inspected and Serviced in Accordance with a 100 Hour/ Annual Inspection and has been Determined to be in Airworthy. Condition. Return to Service.

A & P 3690473

7/6/23	3453.41	Drained engine oil, installed new filter & serviced with 8 quarts of Aeroshell 15-50 engine oil. Removed, cleaned, and gapped all spark plugs. Run leak check performed up no defects noted A+P 3664602
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INSPECTION & MAINTENANCE RECORD

DATE

TOTAL TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

11/15/23	3507.49	Drained engine oil, installed new filter & serviced with 8 quarts of Aeroshell 15-50 Engine oil. Run leak check no defects noted A+P 3664602
12/4/23	3518.33	C/w Mooney Annual maint inspection, Diff hot comp check 1 7/8 2 7/8 3 7/8 4 7/8. Checked magneto to engine timing, cleaned inspected and re-gapped spark plugs. Inspected exhaust and clamps. All AD's checked and complied with. See AD report. I certify this engine has been inspected with Mooney annual checklist and has been found to be airworthy at this time. A+P 3664602
2/6/24	3551.82	Drained engine oil, installed new filter. Serviced with 8 quarts of Aeroshell 15-50 Engine oil. Removed and replaced intake tube gaskets (4ea). Run leak check performed no defects noted at this time. A+P 3664602
4/22/24	3598.74	Drained engine oil, removed & installed new filter. Serviced with 8 quarts of Aeroshell 15-50. Run leak check performed, no defects noted. A+P 3664602

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/4/24	3619.50	Removed and replaced 8 spark plugs with new REM38E plugs. Corrected induction boot leak on #3 cylinder. Run/leak flight check performed with no defects noted at this time. <i>CS</i> A+P 3664/602
8/16/24	3648.97	Drained engine oil, removed and replaced engine oil filter with new. Removed all spark plugs and cleaned. Borescope inspection of cylinders performed with no defects noted. Serviced engine with Amsoil 15-50 engine oil. Requests and camguard Run/leak with no defects noted at this time. <i>CS</i> A+P 3664/602
12/3/24	3698.00	Drained engine oil, removed and replaced engine oil filter with new. Serviced eng oil with 15-50 Amsoil and camguard Run/leak check performed with no defects noted. <i>CS</i> A+P 3664/602
END		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1/20/25	3720.0	C/w mooney annual maint inspection, diff hot comp checks 75/80 on all cylinders. Checked magneto timing, cleaned, inspected and gapped spark plugs. Inspected exhaust and clamps. All A/P's complied with. No leaks noted. I certify this engine has been inspected IAW Mooney annual insp and found to be airworthy at this time. <i>CS</i> IA 3664/602
3/10/25	3746.86	Drained engine oil, removed and replaced engine oil filter with new. Serviced engine oil with phillips 20w-50. Run/leak check performed with no defects noted at this time. <i>CS</i> A+P 3664/602
7/11/25	3794.3	Removed right and left magnetos for 500hr inspection. Performed 500hr inspection IAW S-20/S-200 series high tension magneto service support manual. In addition to 500hr mag insp checklist, removed and replaced all parts provided in power up AB-2004/S. MK mag repair kit. Removed and cleaned/rotated spark plugs. Installed and timed mags to engine. Run/leak check performed. About 80 rpm drop on each mag test. <i>CS</i> A+P 3664/602