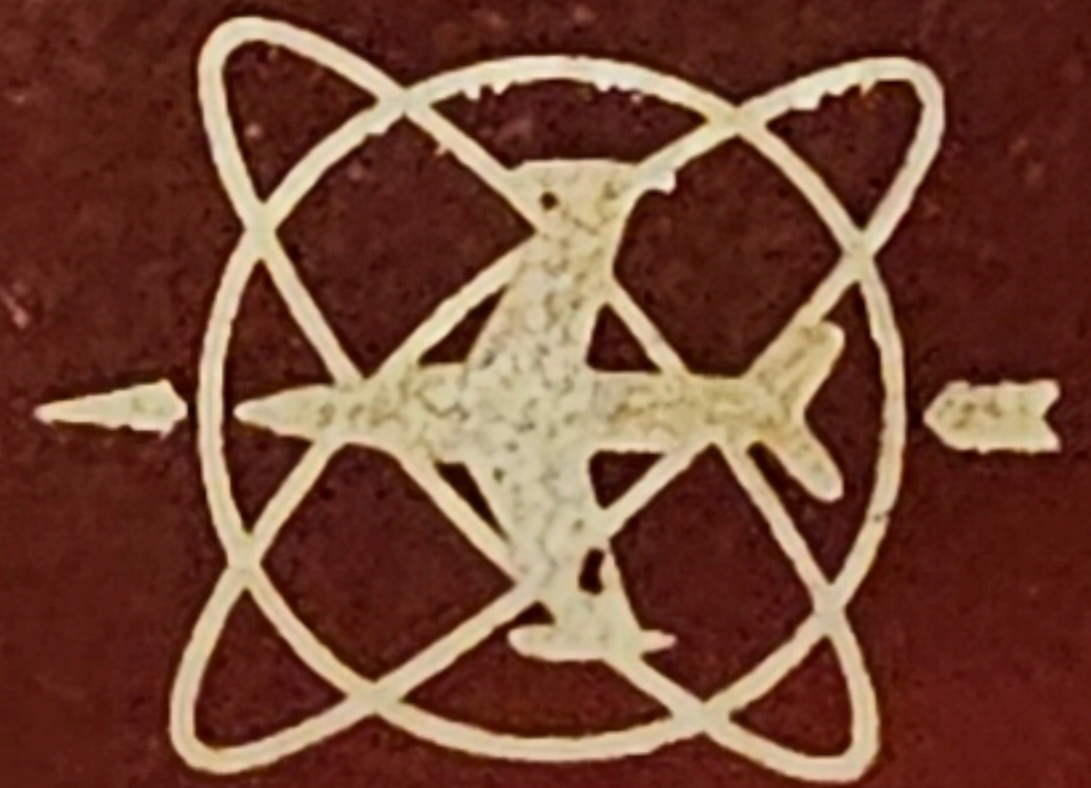


*The Standard*



**ENGINE LOG**

ASA-SE-1

N34097

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER LYCOMING MODEL O-360-A1F6

SERIAL L-158036A TYPE CERTIFICATE \_\_\_\_\_

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT \_\_\_\_\_

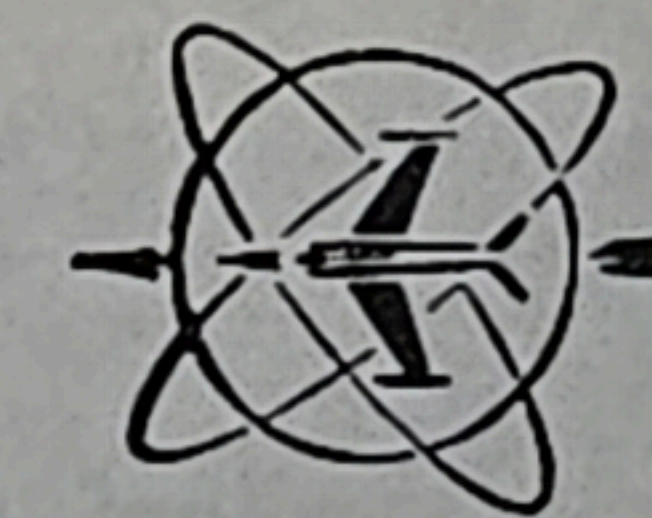
MINIMUM OCTANE FUEL \_\_\_\_\_ OIL GRADE SUMMER \_\_\_\_\_ WINTER \_\_\_\_\_

MAGNETO TIME \_\_\_\_\_ POINT SETTING \_\_\_\_\_ FIRING ORDER \_\_\_\_\_

SPARK PLUG GAP \_\_\_\_\_

MFG. RECOMMENDED OVERHAUL AT \_\_\_\_\_ HOURS.

*The Standard*



**ENGINE LOG**



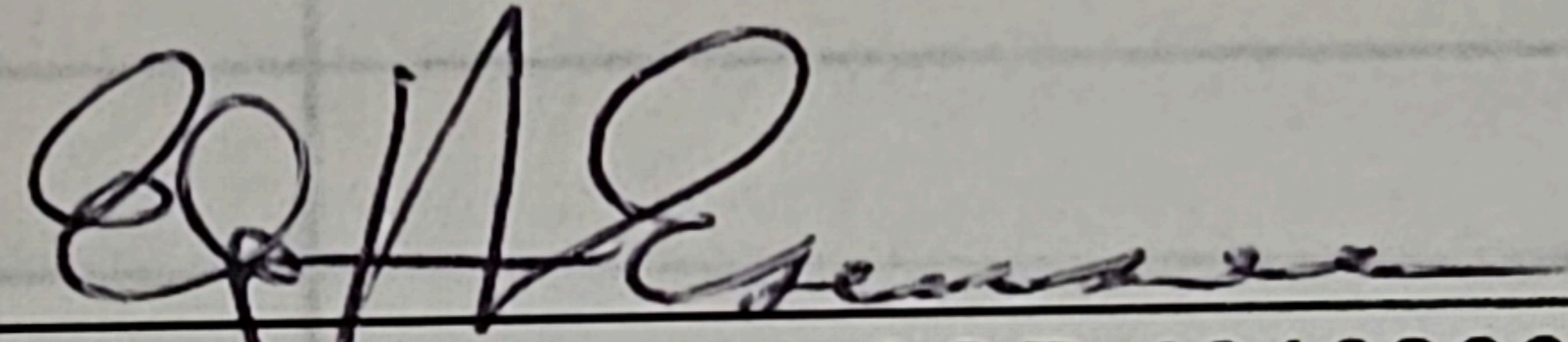






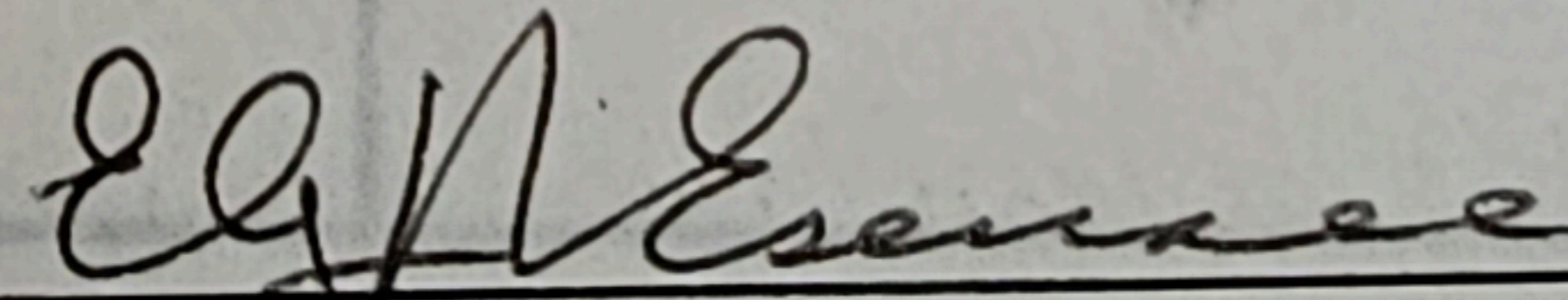
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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8-19-05, Tach: 1309.0, Total Time: 1309.9 Cleaned and gapped spark plugs. Adjusted magneto timing to specs. Replaced all rocker box cover gaskets. Washed and ran engine. No leaks noted.-----



Elgin A. Esensee A&P 461686008IA

10/25/06, Tach: 1362.0, Engine Total Time: 1362.0.-----  
 Changed oil and oil filter. Serviced engine with Phillips XC 20w-50 oil. Cleaned and checked oil suction screen. Cleaned, gapped, and rotated spark plugs. Checked mags, timing and harness. Checked controls, cables, lines, fittings and wiring. Inspected induction and exhaust systems. Washed and ran engine on ground. No leaks noted.  
 Compression check: #1-75/80, #2-72/80. #3-76/80, #4-77/80.-----  
 I certify this engine has been inspected in accordance with a 100 hour inspection and determined to be airworthy.-----



Elgin A. Esensee A&P 461686008IA

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TRIES.)

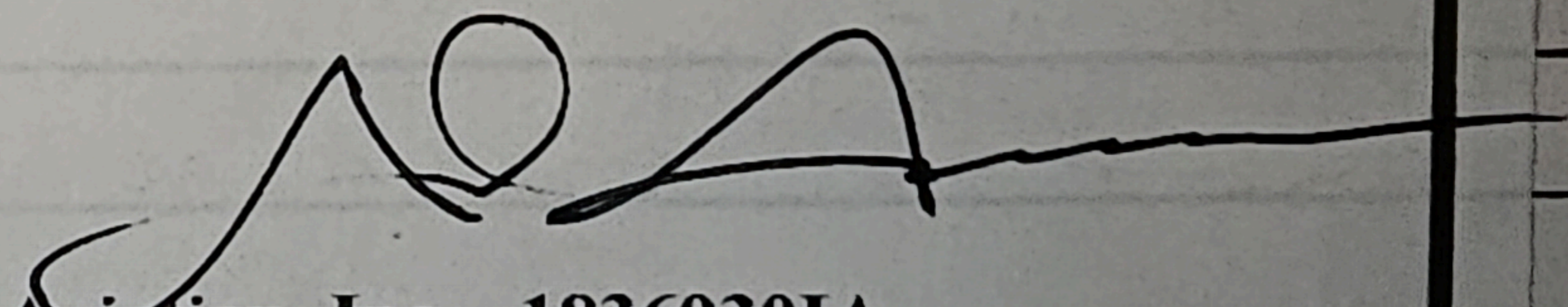
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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**MESQUITE AVIATION, INC ALICE, TEXAS**

Aug 01, 2008 TACH: 1390.4 ACTT: 1390.4 ENG. TSN: 1390.4 PROP TSN: 1390.4

Inspected this **Engine** per Cessna 100 series Maintenance Manual. Changed oil and filter filled crankcase with 8 qts, Aeroshell 100 W Plus and CH 48108-1 filter. Replaced air induction filter P/N BA-5705. Cleaned, gapped and rotated plugs. Compression Check, #1 78/80, #2 70/80, #3 70/80, #4 76/80. Replaced both magneto harness assemblies. Washed down engine and performed engine operational check, power plant performed as required.

I certify that I have inspected this **Engine** in accordance with an **Annual Inspection** and found it to be in airworthy condition at this time.



For Mesquite Aviation, Inc. 1836930IA



DATE

19\_\_

INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
(NAME, RATING AND CERTIFICATE NUMBER OF  
MECHANIC OR REPAIR FACILITY. SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

N34097 3/2/12 TACH: 1430.5 HOBBS: 1724.7

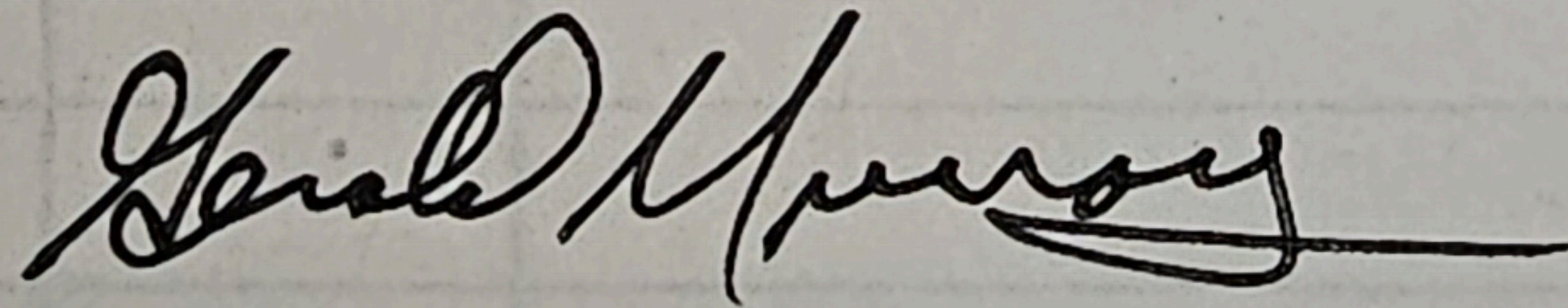
Lycoming 0-360-A1F6 S/N L-15680-36A TSN: 1430.5

Cleaned, gapped, and rotated spark plugs. Compression Check  
(1)74/80 (2)76/80 (3)78/80 (4)76/80. Installed new air filter BA-3.  
Researched ADs.

Inspected this engine IAW Cessna 177 MM and FAR 43 APP D.  
I certify that this engine has been inspected in accordance with  
an annual inspection and was determined to be in airworthy  
condition at this time.

Gerald Murray AP 3132793 IA

KALI Aviation Inc.



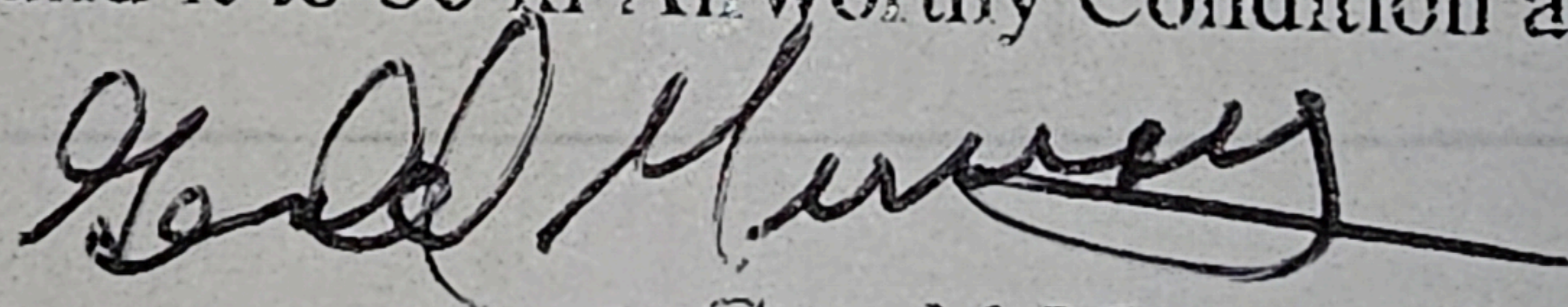
**KALI AVIATION, LLC**

7/5/2013 N34097 TACH: 1430.8 TSN: 1430.8

Lycoming 0-360-A1F6 S/N L-15680-36A

Inspected this Engine per Cessna 177 MM and FAR 43 APP D. Changed Oil and Filter, serviced with 8 qts Aeroshell 100 plus. Cleaned, gapped and rotated plugs, installed two new REM38E plugs. Compression check, #1 78/80. #2 77/80, #3 72/80, #4 71/80. Installed new oil cooler hoses using Aeroquip 303-6 hose. Installed new Engine Shock mounts Barry P/N 94011-20. Installed right mag S/N F02GA242R after 500 hr inspection by Navajo Accessories.

I certify that I have inspected this Engine in accordance with an Annual Inspection and found it to be in Airworthy Condition at this time.



Gerald Murray 31327931A

AND ALTERATIONS  
CERTIFICATE NUMBER OF  
OTHER SPECIFIC ENTRIES.)

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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DATE 9-6-2014

CLEANED ENGINE, CHECKED ENGINE CONTROLS, CHECKED  
ENGINE MOUNT, RAN COMPRESSION TEST AS FOLLOWS

#1  $\frac{11}{80}$  #2  $\frac{10}{80}$  #3  $\frac{22}{80}$  #4  $\frac{21}{80}$  #5 #6

TIGHTEN INTAKE HOSE CLAMPS, RAN FUEL LEAK AND FUEL  
PRESSURE TEST CLEANED SCREENS, INSPECTED ENGINE  
BAFFELS AND SEALS, CHECKED EXHAUST SYSTEMS,

CHANGE OIL AND FILTER

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED AS  
REQUIRED FOR ANNUAL INSPECTION AND HAS BEEN  
DETERMINED AIRWORTHY

Tach 1473.4 TIME 4 SINCE NEW  
Robert Kenneth Green  
EW 1331401

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-10-15	1486.1			RESURFACED 4 ea EXHAUST PORTS, Re-installed EXHAUST STUDS (Replaced #3 cyl outboard) cleaned & gapped SPARK PLUGS - Replaced EXHAUST GASKETS
9-9-15	4 ea LOWER PLUGS	REPLACED	REM38E	CA Wright AYP 1710103
9-9-15	1505.1		1505.1	Replaced RT MAG CONDENSER with serviceable unit (ic-01)
AA 481008				COMPRESSION OKD #1-78/80, #2-80/80, #3-72/80, #4-72/80 SPARK PLUGS cleaned, gapped, Tested & Rotated MAGS Timed - oil changed
AA 481008				oil filter changed, AIR FILTER ( <del>changed</del> ) changed - Engine
AA 481008				WASHED DOWN - OKD EXHAUST & HEAT MUFFS (5705) - AIR INLET STANDOFF REPLACED
AA 481008				I CERTIFY THIS ENGINE WAS INSPECTED IAW AN ANNUAL INSPECTION and
AA 481008				WAS DEEMED AIRWORTHY AT THIS TIME
AA 481008				CA Wright AYP 1710103IA

**DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS**  
 ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
7-13-17	1558.0			Drain oil and remove filter. Refilled with 8qts of Phillips 20W50 and new oil filter AA48110-2 Tempest. Run A/C & check oil leaks and check OK. Daniel Lam

4-1-19 3412422

2-5-19	1566.3	-	chkd	MAGNETIMING, SPARK PLUGS cleaned & replaced
			Washed engine down -	replaced AIR FILTER ELEMENT - lubed engine
			Washed engine down -	GROUND RUN NORMAL COMPRESSION CRD #17
			#1 76/80, #2 76/80, #4 79/80.	AD 2017-16-11 w/A PER MFG DATA
			OF ENGINE + SIN PER MSB 632B TABLE 1 -	I CERTIFY THIS ENGINE
			PROP WAS INSPECTED TAN ON	ANNUAL INSPECTION & WAS DEEMED
			AIRWORTHY AT THIS TIME	ON UNIGHT APR 17 10 03 17
			W see TYPED	ENTRIES 4-1-19

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF

14-01-2019 LYCOMING O-360-A1FD s/n L-15680-51A -TACH TIME -1586.3 HR-Total Time Eng 1586.3 hr HMETER 1935.9 HR- Oil Changed AeroShell M 50 WGT-Oil Filter AA48110-2 Changed—Magneto Timing Ckd -Spark plug Leads Load Tested- Compression Ckd #1 -77/80,-#2-74/80,#3-72/80 ,#4-71/80-Pressure Ckd Exhaust System-Found #1 Cylinder Exhaust Valve Cavity Leaking-Replaced #1 Cylinder With NEW LYCOMING Assy Kit 05K21104 s/n # HC09;29818J06 (J&J AIRPARTS inv 3142667)With NEW SL 69603 Intake Hose-,new 60828 PISTON PIN PLUGS,NEW AEL13790 ROCKER PIN & 2 EA SL12892 Rocker PIN Thrust plugs-Ring Gaps ckd for Minimal Gaps -Cylinder Walls Oil Coated- NEW Base Seal 71481 installed- Cylinder Studs oil coated & Cylinder Base nuts torqued Sequentially per SSP 1776 Table of Limits-#3 Lifters Bled Down & ckd Clearances @.067" Intake & Exhaust-New Push Rod Tube seals installed.-Rerouted Prop Control Cable for Trim Cable Clearance ,, Lubed all Controls-Spark Plugs Cleaned, Gapped, Tested & Rotated-New Air Filter Element was installed-.Ground Run Up Normal-C OMPRESSION CKD #3 cyl- 73/80- Released For Flight-I CERTIFY THIS ENGINE WAS INSPECTED IAW an annual inspection and was deemed airworthy at this time.

C.D. WRIGHT A&P 1710103 IA

*C D Wright*

DATE  
19

RECORDING TACH TIME  
24-1-19  
TODAYS FLIGHT

TOTAL TIME IN SERVICE

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

PRIOR ENTRIES

**j12-01-2016** N34097 TACH 1540 HR-Lycoming 0-360-F1AD s/n L-15680-36A Total Time ENG 1540 HR  
Replaced Cracked #3 Cylinder with Factory New 05k21104 Kit s/n HC-03-01116N17 with New AEL 13970  
Rocker Shaft & New SL 12892 Thrust Plugs-New 60828 Piston Pin Plugs, New 69603 intake hose, new 71481  
Cylinder Base Seal & Intake gasket & 4ea 77611 BLO-PRUF Exhaust Gaskets-Phillips 20-50 Mineral Oil Added  
to Sump with New AA 48110-2 Oil Filter—Cleaned, Gapped, Tested & Rotated Spark Plugs-Replaced S-1597-1-37  
Alternator Belt-Indexed Flywheel Support & checked Mag Timing-Replaced Starter With Re-conditioned MZ-4022  
Starter Unit-Compression Ckd #1-76/80, 32-76/80, 33-74/80, #4-76/80- McCauley 2D34C202 s/n 711337 Ovhd  
tprop 1540 hr-"0" soh by New Mexico Prop w.o. 5036 Installed After Crank Flange Surface Rework -Retorqued  
& saftied Prop Assy-Ground Run Up Normal -No Leaks Noted & Prop RPM adjusted-

I CERTIFY THIS ENGINE/PROP WAS INSPECTED IAW AN ANNUAL INSPECTION AND WAS DEEMED AIRWORTHY AT THIS TIME,

C.D. WRIGHT A&P 1710103 IA

*C.D. Wright*

**12-16-2016** Tach 1542.2 hr-0-360-F1AD s/n L-15680.36A-TTENG 1542.2 hr-Remove Alternator From Engine  
Repair and Re-install -Ground Run up checked normal,  
OMAR GARCIA A&P 3412422.

*Omar Garcia*



14 OCT 2020 N34097 LYCOMING O-360-A1F6 S# L-15680-36A TACH: 1608.8 TTE: 1608.8

CW ANNUAL INSPECTION IAW FAR 43 APP. D (SEE CHECKLIST FOR DETAILS).

DRAINED OIL AND REMOVED OIL FILTER, INSPECTED FILTER FOR DEBRIS AND METAL, NONE FOUND.

SERVICED ENGINE WITH 8QTS. AEROSHELL W100 PLUS OIL AND 1EA. TEMPEST AA48110-2 FILTER.

REMOVED AND REPLACED 8EA. UREM-40E SPARK PLUGS.

REMOVED AND REPLACED INDUCTION AIR FILTER P# BA-5705.

PERFORMED COMPRESSION CHECK, RESULTS: #1. 76/80 #2. 76/80 #3. 70/80 #4. 76/80.

REMOVED AND REPLACED INST. AIR HOSE FROM VACCUM PUMP TO FIREWALL. 20" 5/8 MIL-6000 HOSE

REMOVED MUFFLER SHROUD AND CHECKED EXHAUST SYSTEM FOR LEAKS: NONE FOUND.

CW AD-2005-12-06 IAW MSB-645 RESULTS: X= .042 + .014, PASSED. SNAP-RING IMPULSE COUPLER INSTALLED. NEXT DUE:

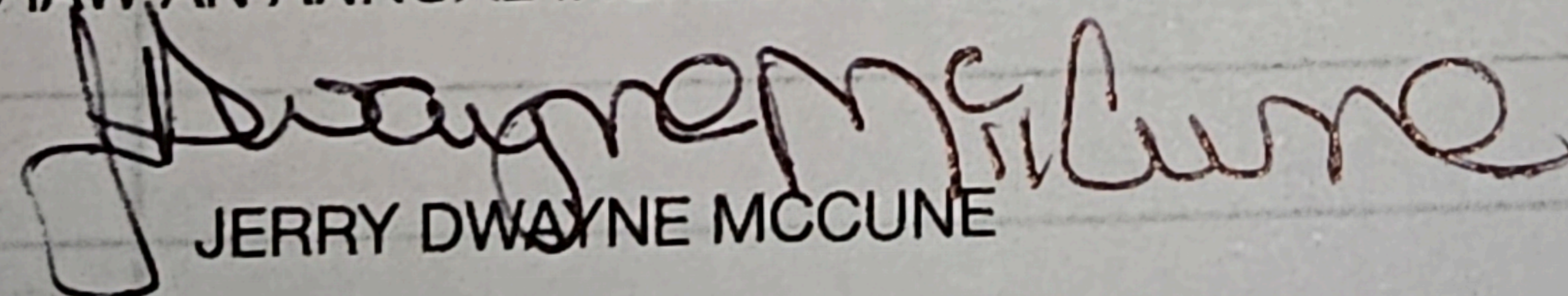
TACH: 2108.8

INSTALLED L/MAGNETO AND TIMED R & L MAGS TO ENGINE, 25 DEGREES BTC.

AD COMPLIANCE REPORT THRU 2020-20 TDATA.

WORK PERFORMED IAW CESSNA SM-D841 AND P695 (2010-10-01).

THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION, IS FOUND TO BE AIRWORTHY AND RETURNED TO SERVICE.

  
JERRY DWAYNE MCCUNE

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS</b> ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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MARCH 8, 2021 N34097 S/N 17701638 TACH TIME 1618.3

REMOVED AND REPLACED NEW DRY AIR VACUUM PUMP RAPCO P/N RAP215CC S/N A74873,  
 NEW TEMPEST PNU FILTER AAD9-14-5 AND NEW B3-5-1 FILTER. RUN AIRCRAFT CHECK  
 PRESSURE AND OP'S ALL CHECKED GOOD, THIS AIRCRAFT IS RETURNED TO SERVICE FOR WORK  
 PERFORMED.

*Omar Garcia*

OMAR GARCIA HERNANDEZ A&P 3412422 I.A.



7 JANUARY 2023 N34097 O-360-A1F6 S# L-15680-36A TACH: 1653.3 TTE: 1653.3

CW ANNUAL INSPECTION IAW THE SCOPE & DETAIL OF FAR PART 43 APP D. (SEE ANNUAL INSPECTION CHECKLIST FOR DETAILS)  
AD 04-10-14 (PROP STRIKE) N/A BY NO REPORT OF PROP STRIKE AS DEFINED BY THE AD; NEXT DUE AT ENGINE OH, PROP  
STRIKE, OR SUDDEN STOPPAGE AS DEFINED BY AD

PCW 05-12-06 (IMPULSE COUPLER) IMPULSE COUPLER INSPECTION IAW MSB-645, (SNAP-RING IMPULSE COUPLER INSTALLED)  
REF LOGBOOK ENTRY 14 OCT 2020 TTA: 1608.8 L/H MAG P/N S4LN-1227/BL-349365-3 NEXT DUE TTA: 2108.8, L/H MAG S4LN-  
1209/BL349305-1 N/A.

AD COMPLIANCE REPORT THRU 7 JANUARY 2023, ZOOK AVIATION TOOLBOX & REF. FAA WEBSITE.

COMPRESSION: #1- 78/80; #2- 78/80; #3- 77/80; #4- 78/80

REMOVED OIL & OIL FILTER, INSPECTED FILTER AND OIL PUMP SCREEN FOR METAL & DEBRIS, NONE FOUND; PROVIDED OIL  
SAMPLE TO AVLAB SERVICES FOR INSPECTION; SERVICED ENGINE WITH 7 QTS OF AEROSHELL 100 PLUS OIL AND 1 EA. TEMPEST  
OIL FILTER (P/N AA48110-2)

REMOVED, INSPECTED, CLEANED, GAPPED, ROTATED AND REINSTALLED SPARK PLUGS

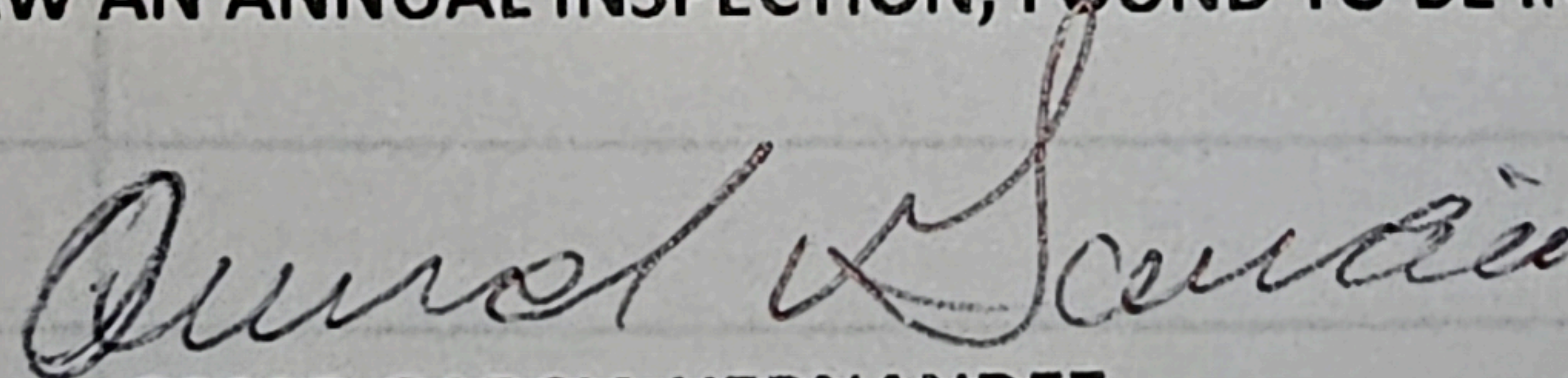
TIMED MAGNETOS TO ENGINE

INSPECTED AND LUBRICATED ALL ENGINE CONTROLS

RAN ENGINE, OPS NORMAL, CHECKED FOR OIL & FUEL LEAKS, NONE FOUND

WORK PERFORMED IN REFERENCE TO CESSNA OM (P/N 60297-12), CESSNA SERVICE MANUAL (D841-8-13 REV 8), AND  
ACCEPTABLE INDUSTRY STANDARDS

THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION, FOUND TO BE IN AN AIRWORTHY CONDITION & RETURNED  
TO SERVICE.



OMAR GARCIA HERNANDEZ

A&P 3412422 IA

OF  
ES.)

22 MARCH 2024 34097 LYCOMING O-360-A1F6 S/N: L-15680-36A TTE: 1666.9 TSMOH: 1666.9 TACH: 1666.9

CW ANNUAL/100HR INSPECTION IAW SCOPE & DETAIL OF FAR 43 APP D. (SEE INSPECTION CHECKLIST FOR DETAILS)

- AD 04-10-14 (CRANKSHAFT RETAINING BOLT) NO SUDDEN STOPPAGE REPORTED. NEXT DUE: SUDDEN STOPPAGE.
- AD-05-12-06 (IMPULSE COUPLER) N/A BY ENGINE MODEL. NEXT DUE: NO FURTHER ACTION REQUIRED.
- AD-22-16-03 (S1200 ROLLER BEARING) N/A BY SN OF MAGS INSTALLED. NEXT DUE: NO FURTHER ACTION REQUIRED.
- AD 74-26-09 (DRIVE SHAFT BUSHING) CW BY AIRCRAFT IGNITION SERVICE WO# 7643 & 7643 ON 25 FEB 2024. NEXT DUE: NO FURTHER ACTION REQUIRED.
- AD 82-13-01 (S1200 DIST BLOCK BUSHING) CW BY AIRCRAFT IGNITION SERVICE WO# 7643 & 7643 ON 25 FEB 2024. NEXT DUE: NO FURTHER ACTION REQUIRED.
- AD 82-20-01 (MAG FLY WEIGHT) CW BY AIRCRAFT IGNITION SERVICE WO# 7643 & 7643 ON 25 FEB 2024. NEXT DUE: NO FURTHER ACTION REQUIRED.
- AD 94-01-03R2 (MAG FAILURE) CW BY AIRCRAFT IGNITION SERVICE WO# 7643 & 7643 ON 25 FEB 2024. NEXT DUE: NO FURTHER ACTION REQUIRED.
- AD 94-06-09 (NON-GROUNDING MAG) CW BY AIRCRAFT IGNITION SERVICE WO# 7643 & 7643 ON 25 FEB 2024. NEXT DUE: NO FURTHER ACTION REQUIRED.

AD COMPLIANCE REPORT 22 MARCH 2024, ZOOK AVIATION TOOLBOX & REF FAA WEBSITE.

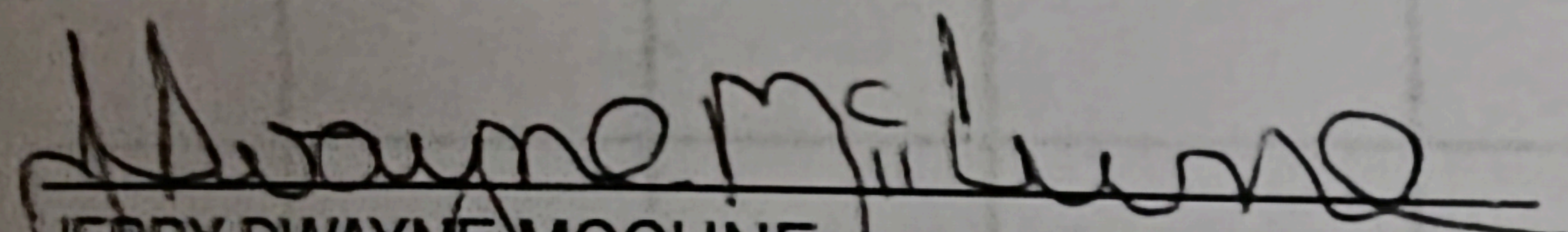
- COMPRESSIONS: #1- 76/80, #2- 79/80, #3- 77/80, #4-80/80.
- REMOVED OIL, OIL FILTER, AND SUMP SCREEN. INSPECTED FOR METAL & DEBRIS. NORMAL WEAR MATERIAL FOUND. PROVIDED OIL SAMPLE TO AVLAB FOR ANALYSIS. SERVICED ENGINE W/ 7 QTS. AEROSHELL W100 PLUS OIL AND TEMPEST AA48110-2 FILTER.

-REMOVED, CLEANED, GAPPED, INSPECTED AND INSTALLED SPARK PLUGS, 8EA M674 COPPER GASKETS.  
-REPAIRED IGNITION LEAD CYL. 2 TOP AND CYL. 4 TOP WITH SERVICEABLE NUTS/FERRULES.  
-REMOVED L/MAG BENDIX S4LN-1227 SN: F021A162, R/MAG BENDIX S4LN-1209 SN: F02GA242 FOR 500HR INSPECTION  
BY AIRCRAFT IGNITION SERVICE, KEVIN HARRINGTON A&P3040415 WO #'S 7643 & 7642. INSTALLED MAGS AND TIMED  
TO ENGINE.  
-RAN ENGINE. OPS NORMAL. CHECKED FOR OIL & FUEL LEAKS. NONE FOUND.

OF  
(S.)

WORK PERFORMED IN REFERENCE TO LYCOMING OPERATOR MANUAL 60297-12, LYCOMING SSP-1776-5,  
CESSNA SERVICE MANUAL D841 CHANGE 8 AND ACCEPTABLE INDUSTRY STANDARDS.

THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL/100 HR INSPECTION, FOUND TO BE IN AN AIRWORTHY CONDITION &  
RETURNED TO SERVICE.

  
JERRY DWAYNE MCCUNE  
A&P 3430227 IA

PG 2 OF 2
