

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming MODEL O-360-A1F6
SERIAL L-15328-36A TYPE CERTIFICATE _____
THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT C-177B ~~N30898~~
N29331
MINIMUM OCTANE FUEL 100 OIL GRADE SUMMER 50 WINTER 40
MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____
SPARK PLUG GAP _____
MFG. RECOMMENDED OVERHAUL AT 2000 HOURS.

The Standard



ENGINE LOG

NOTES

Left Mag: 54LN-1227

10-349365-2 B3

S/N 1039747

Right Mag: 54LN-1209

10-349305-1 B2

S/N A04931

DATE 19 <u>88</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	TIME SINCE LAST CHANGE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
8-9	1598.7	0.2	1843.5	0.2	
8-9	1599.7	1.0	1844.5	1.2	
8-10	1600.7	1.0	1845.5	2.2	
8-20	1605.0	4.3	1849.8	6.5	- Added 1 qt Aeroshell 100
8-25	1605.9	0.9	1850.7	7.4	
8-27	1611.4	5.5	1856.2	12.9	
8-31	1612.3	0.9	1857.1	13.8	Added 1 qt Aeroshell 100
9-27	1614.9	2.6	1859.7	16.4	
10-7	1615.7	0.8	1860.5	17.2	Added 1 qt Aeroshell 100
10-8	1619.4	3.7	1864.2	20.9	
10-9	1621.2	1.8	1866.0	22.7	
10-19	1622.9	1.7	1867.7	24.4	

DATE 19 <u>88</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	TIME SINCE CHANGE	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.)
11-22	16235	0.6	1868.3	0.6	Drained oil & added 7½ qt. Aeroshell 100
12-10	1624.3	0.8	1869.1	1.4	
12-13	1625.7	1.4	1870.5	2.8	
1-1-89	1626.3	0.6	1871.1	3.4	
1-8-89	1627.1	0.8	1871.9	4.2	
1-16	1627.9	0.8	1872.7	5.0	REPLACED-OIL FILL TUBE
2-25	1628.5	0.6	1873.3	5.6	REPLACED-BENDIX-IN-STARTER
3-15	1629.4	0.9	1874.2	6.5	PART MZ 4206-SER-40000081
4-18	1629.6	0.2	1874.4	6.7	LUB -STARTER
4-19	1630.2	0.6	1875.0	7.3	Marion J Pratt 1731269; 4-18-98
5-2	1630.9	0.7	1875.7	8.0	
5-2	1631.6	0.7	1876.4	8.7	

DATE 19 <u>89</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	TIME SINCE OIL CHANGE	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.)
5-3	1633.3	1.7	1878.1	10.4	
6-7	1634.8	1.5	1879.6	11.9	
6-16	1637.9	3.1	1882.7	15.0	Added 1 Qt. AeroShell 100.
6-18	1640.4	2.5	1885.2	17.5	
6-22	1641.9	1.5	1886.7	19.0	
6-23	1642.5	0.6	1887.3	19.6	
6-29	1643.3	0.8	1888.1	20.4	
7-9	1644.3	1.0	1889.1	21.4	Added 1 Qt. AeroShell 100
7-12	1647.2	2.9	1892.0	24.3	
7-14	1649.9	2.7	1894.7	27.0	
8-4	1650.2	0.3	1895.0	27.3	
8-17	1651.7	1.5	1896.5	28.8	Added 1 Qt. AeroShell 100

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DATE 19 <u>89</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	TIME SINCE OIL CHANGE	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.)
9-30	1654.8	1.0	1899.6	1.0	
10-2	1655.2	0.4	1900.0	1.4	
10-6	1657.4	2.2	1902.2	3.6	
10-12	1661.4	4.0	1906.2	7.6	Added 1 Qt Aero shell 100 <i>De Jacob</i>
10-13	1662.1	0.7	1906.9	8.3	
10-14	1665.6	3.5	1910.4	11.8	
10-15	1666.7	1.1	1911.5	12.9	Added 1 Qt Aeroshell 100 <i>De Jacob</i>
11-13	1911.5				C/W AD 78-09-07 R3 PER SAB#
TACH	1666.7				599B DUE next @ 2411.5

Ray Morrison A-0527045411

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	TIME SINCE OIL CHANGE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS <small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small>
1989					
11-14	1667.1	0.4	1911.9	13.3	
11-15	1667.5	0.4	1912.3	13.7	
12-13	1669.5	2.0	1914.3	15.7	
1-5-90	1670.3	0.8	1915.1	16.5	
2-7	1673.1	2.8	1917.9	19.3	
2-22	1674.6	1.5	1919.4	20.8	Added 1 QT Aeroshell 100 <i>E. J. Eichel</i>
3-7	1675.2	0.6	1920.0	21.4	
3-23	1675.6	0.4	1920.4	21.8	
4-7	1675.9	0.3	1920.7	22.1	
4-13	1676.4	0.5	1921.2	22.6	
4-19	1678.6	2.2	1923.4	24.8	

DATE 19 <u>90</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	TIME SINCE LAST CHANGE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF TECHNIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-3	1679.				<p>100 HR insp completed this all work done in accordance with SERVICE MANUAL. COMPRESSION #1 $\frac{76}{80}$ #2 $\frac{78}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$ REPLACE AIR FILTER. Oiled & checked SCREEN serviced with DEER SHELL 40.Wt I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspected & was determined to be in Airworthy condition.</p> <p>Signature <u>Rg Morison</u></p> <p>① - A & P. No. <u>527045411</u> Date <u>12-3-90</u></p>

DATE 19 <u>91</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-29	1741.63		1986.0	Eng major ok Replace Ex valves Int valves Pistons Pins main Brgs Rod Brgs Replace oil Pump body and install Kit 05K 194235 Oil Pump impeller, driven gear & Shaft New Spark Plugs Replaced Composit float with Metal float Replaced float Needle & Seat, Replace Mag coils, points, Cond, front Brgs, and bush in fifth mag Inspected Impulse Coupling checked all steel parts Eng assembled Per Lynnard

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DATE 19 <u>92</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-14	1874.9		2119.27	<p>100 HR INSP completed THIS DATE All work DONE IN ACCORDANCE WITH SERVICE MANUAL EXCHANGED oil & CHECKED SCREEN SERVED WITH AEROSHELL 15/50 R&R CARB FOR REPAIR, REPLACE STARTER DRIVE, REPLACED AIR FILTER COMPRESSION #1 $\frac{76}{80}$ #2 $\frac{76}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$</p> <p>Inspected <u>that the engine</u> has been inspected <u>in accordance with</u> <u>100 HR</u> inspected <u>was determined to be in Airworthy condition</u></p> <p>Signature <u>As Norman</u></p> <p><u>①</u> A. & P. No. <u>527045411</u> Date <u>1-14-92</u></p>

DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-23	2151.7		23960	100 HR insp completed THIS DATE All
SMON	4110.7			WORK DONE V/A/W SERVICE MANUAL. INSTALL
				OIL FILTER ADAPTER & REPLACED OIL COOLER
				HOSES. COMPRESSION #1 $\frac{76}{80}$ #2 $\frac{76}{80}$ #3 $\frac{74}{80}$ #4 $\frac{74}{80}$
				SECURITY TEST THE ENGINE
				IN ACCORDANCE WITH 100 HR
				was determined to be in AIRWORTHY condition
				Signature <u>Ry Mousi</u>
				① A. R. P. No. <u>527045411</u> Date <u>2-23-93</u>

DATE 19 <u>94</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-21	2500.6	13 moth	758.97	100 HR INSP completed THIS DATE All work
				DONE I/A/W SERVICE MANUAL compression
			2843	#1 175/80 #2 76/80 #3 76/80 #4 76/80 C/w AD 78-09-07A3
				By coupling replacement AD 94-01-03 coil PCW
				CHANGED oil & FILTER SERVICED WITH AEROSHELL
				15/50 LAUNCHES AND THE ENGINE
				IN ACCORDANCE WITH 100 HR INSPECTION
				AND DETERMINED TO BE IN AIRWORTHY CONDITION
				Signature <u>Re Jones</u>
				① U.S.P. No. <u>527045411</u> Date <u>3-21-94</u>

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DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-19	1823.3			Engine Disassembled, Cleaned, Visually inspected all Steel Parts MAGNEXFluxed all Pin & Zyglowed Engine PAINTED HARDWARE AND Replaced the following Parts New gaskets & Seals & Locks Rod Bushings Rocker Arm Bushings PISTONS Piston Pins & plugs

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				ROCKER SHAFTS & BOLLONS
				ROD BEARINGS STD
				MAIN BEARINGS STD
				RINGS STD
				IN & EX VALVES & KEEPERS
				SPRINGS (VALVE) & SEATS & CAPS
				4 SUPERCON CYLS SL 36000 W
				ROD BOLTS & NUTS
				CAM RECON BY A.S.S.
				Lifters RECON BY A.S.S.
				RODS RECON BY A.S.S.
				CT. WT. RECON BY A.S.S.

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				ROCKER ARMS RECON BY A.S.S.
				Engine assembled as
				Per overhaul manual and
				all pertinent S.B. & overhaul
				instructions
				2 - New Spark Wags ^{H-4373} 1-4370
				New HARNESS
				New SPARK PLUGS
S/N	268	025		Reb/lt VAC PUMP 211CC
S/N	AA45	72		Rebuilt fuel Pump 40295
S/N	8113	71		New GOVERNOR C290D33/T11
S/N	51396	1010		Re Con oil Cooler 8406E
				CARB OVER HAUCED MA 4-5

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.)
				Rebuilt ALT
	SIN F2P 100716			SKY TEC STARTER 14912 PM
				Engine installed in aircraft
				Cessna 177 N 29331
				TACH 1823
				all New Hoses By
				Sky Ranch
				New Motor Mounts
				all New Aero Duct
				New Buffer Seal
				Buffer Repaired as Needed
				CONT NEXT PAGE

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Cylinder TEST Run AS PER SI ALL SYSTEMS CHECKED OK
8-14-97				OIL LEAKS Repaired #1 cylinder Fuel Pump Primer Line Repaired cleaned 1436.6 spark PLUGS comp check all cylinders 75/80 or better Replaced air Filter

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/14	97	Tack	Reeds	1936-6 I certify THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 H-INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION AS PER A & P 557-74-1559

DATE 8/14/99 TACH 1936-6 T.T. 1135
 I CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE WITH
 AN 100 H-INSPECTION AND WAS
 DETERMINED TO BE IN AIRWORTHY CONDITION.
 LOREN SCHMIDT [Signature] A & P 1485215IA

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS <small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small>
3-3-01	2045.3	.	3190.	239.4 Smooth installed New PLATINUM PLUGS changed oil + filter 100w Shell check controls & linkage wash down Engine
				I CERTIFY THAT THIS <u>Coyne</u> HAS BEEN INSPECTED I/A/W A <u>cert</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME <u>1315</u> AND DATE <u>3-3-01</u> ONLY, NO WARRANTY TO FUTURE CONDITION. LOREN SCHMIDT A & P 1485215 IA

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.)
4/8/02	2048.	11	3193.5	oil changed QOATE Shell 15w50 checked plugs check controls
	SPMOTH		242.5	change oil for 100h inspect car completed
APR 7			242.5	same new
				I CERTIFY THAT THIS <u>Guyana and Prop</u> HAS BEEN INSPECTED I/A/W A <u>and</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME <u>1100</u> AND DATE <u>4-8-02</u> ONLY, NO WARRANTY TO FUTURE CONDITION. LOREN SCHMIDT A & P 1485215 IA.

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.)
	2048.11		3193.5	
	SPMA		242.5	
	PRO-T		242.5	Sum
				<p>I CERTIFY THAT THIS <u>Cygnus</u> HAS BEEN INSPECTED I/A/W <u>LOREN SCHMIDT</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME <u>1100</u> AND DATE <u>3-12-03</u> ONLY, NO WARRANTY TO FUTURE CONDITION. LOREN SCHMIDT A & P 1485215 IA.</p>

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RECORDING
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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.)

2052 23 3197.6

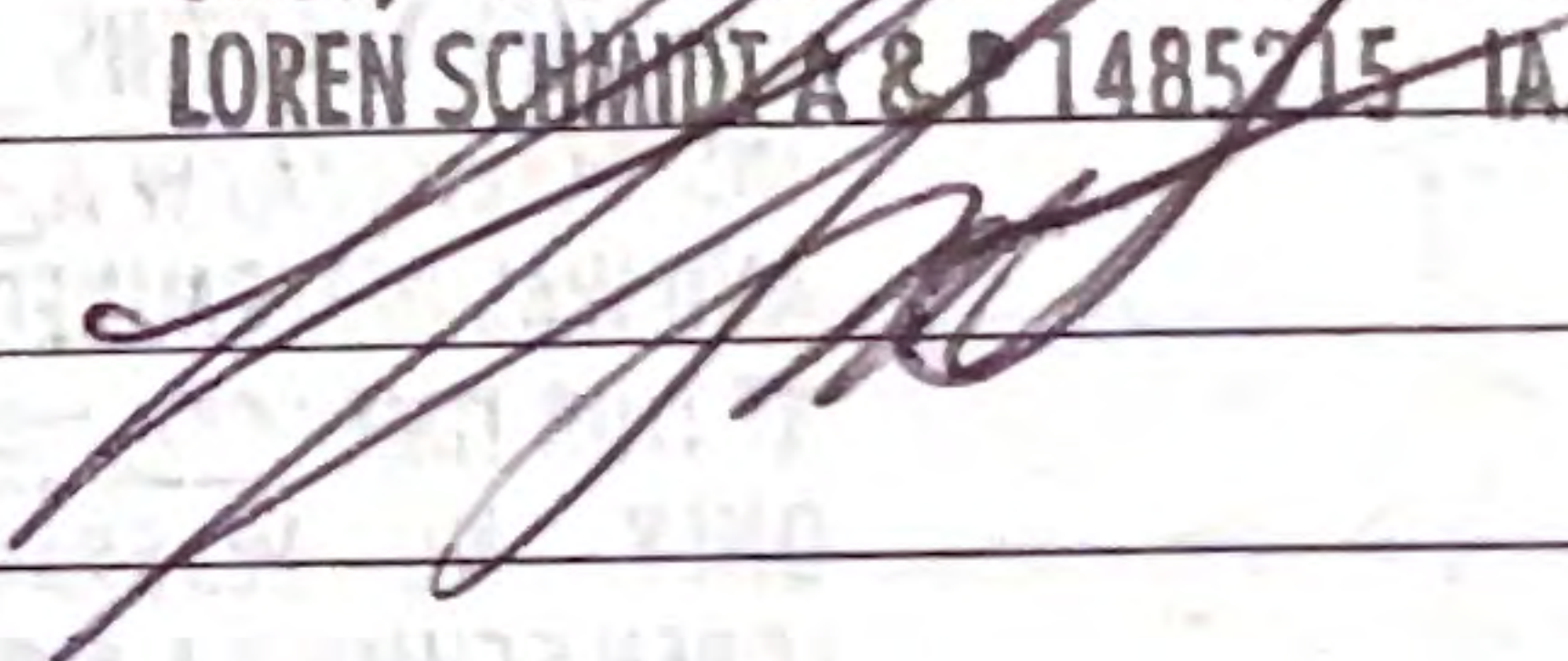
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I CERTIFY THAT THIS Engine Prop HAS BEEN
INSPECTED I/A/W A cert INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
AT THIS TIME 201 AND DATE 5-1-09
ONLY, NO WARRANTY TO FUTURE CONDITION.
LOREN SCHMIDT & P 1485215 IA.

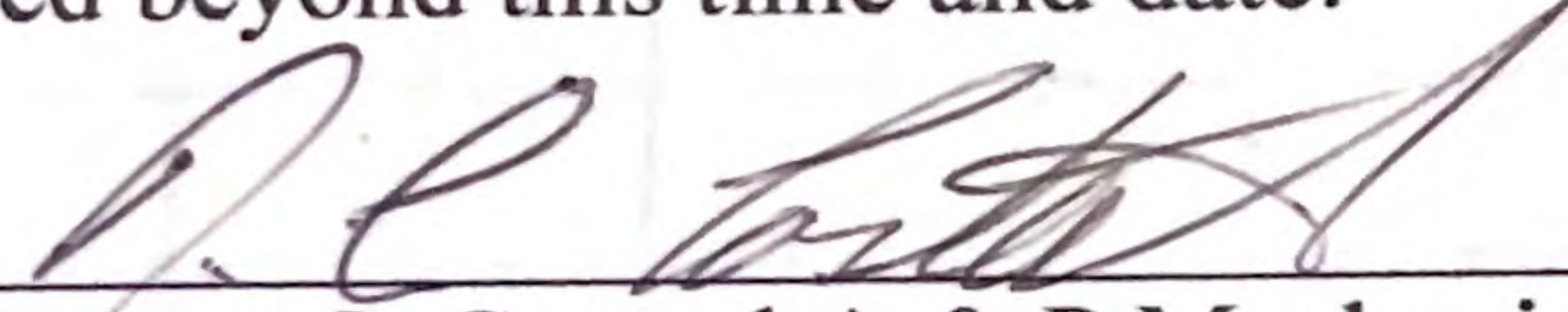


DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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07-24-2005 @ 17:00 Hrs. C-177 N29331:

Tach: 2052.94 Engine TT: 3180.64 (est.) SMOH: 229.64


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 and date only. No warranty expressed or implied beyond this time and date.



Robert C. Casteel A & P Mechanic 526945701 IA

01-14-2007 @ 17:00 Hrs. C-177 N29331:

Tach: 2066.5 Engine TT: 3194.2 (est.) SMOH: 243.2

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 and date only. No warranty expressed or implied beyond this time and date.

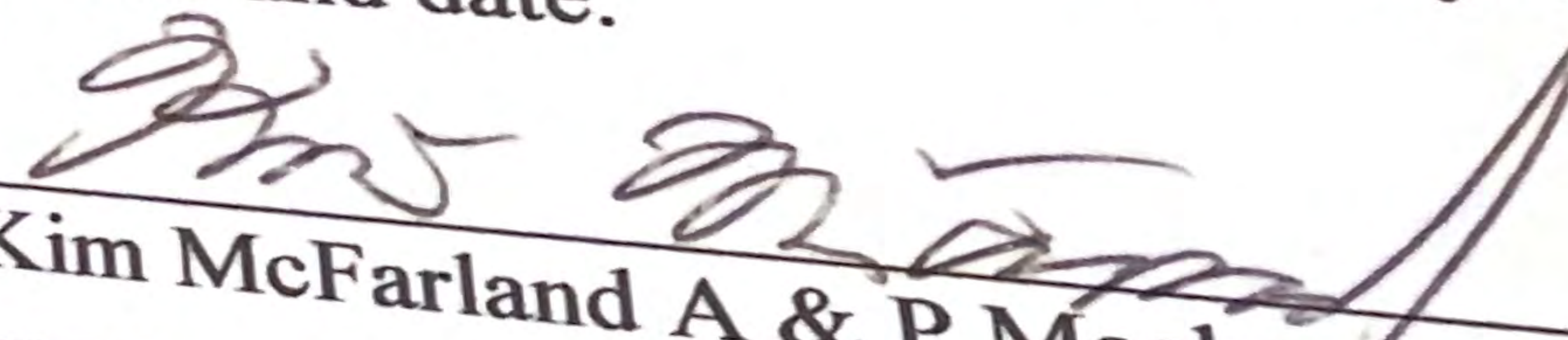

Robert C. Casteel A & P Mechanic 526945701 IA

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.)
				<p>07/09/2011 @ 14:00 Hrs. C-177 N29331:</p> <p>Tach: 2073.44 Engine TT: 3201.14 (est.) SMOH: 250.14</p> <p>Compression checks as follows: 1. 78/80 2. 76/80 3. 78/80 4. 78/80. Repaired minor leak on carburetor bowl. Cleaned and gapped spark plugs. 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 and date only. No warranty expressed or implied beyond this time and date.</p> <p></p> <p>Robert C. Casteel A & P Mechanic 526945701 IA</p>
2012	20770	OK		<p>Harmon / OIL 8QTS AOROW SHALL 100W CHANGED</p>
2-2				<p>FILTER Replaced OIL COOLER LINES and FUEL LINES</p>
				<p>5 LINES TOTAL</p>
				<p>Pin McFarland A4P 657 74 1559</p>

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10/01/2012 @ 08:00 Hrs. C-177 N29331:
Tach: 2080.60 Engine TT: 3208.3 (est.) SMOH: 257.30
Compression checks as follows: 1. 77/80 2. 78/80 3. 78/80 4. 77/80. Cleaned and
gapped spark plugs. Checked magneto timing at 25 degrees BTDC. I certify that this
engine has been inspected in accordance with a 100 hour inspection and was determined
to be in airworthy condition at this time and date only. No warranty expressed or
implied beyond this time and date.


Kim McFarland A & P Mechanic 557741559

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.)

COMPLIED WITH PERTINENT A.D.'S & S.B.'S. ALL INFORMATION ON FILE AT LY-CON REBUILDING CO.
REFERENCE WO 42323.

PAGE 2 OF 2

LY-CON REBUILDING CO. 8231 W DOE AVE VISALIA CA 93291 (559) 651-1070

THIS AIRCRAFT ENGINE IDENTIFIED ABOVE HAS BEEN REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT
FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT
DETAILS

OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER **42323** DATE **11/08/13**

SIGNED

LYCON REBUILDING CO VISALIA CA
REPAIR STATION CT3R435L

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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.)
11/1/2014				<p>Engine Tach 2089.1 ETT 3214.8 TSMOH 0.0</p> <p>Installed 4 overhauled Superior +10 Cylinders by Lycon WO 42157. Installed 90° oil Filter adapter per STC SE 01930 NY. Replaced right hand baffle 0555250-13. Installed Plane Power AL 12-F60 alternator.</p> <p>I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in air- worthy condition at this time & date only.</p> <p><i>[Signature]</i> AIP 557 24 1059</p>

DATE 19 <u>74</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-11	2090.5			Replaced Vacuum Pump with Rep CO 215 SC For Motor APP 557 74 1559
2016 2/15	2096.8 TX 3224.5 TSW04 9-7			I certify that this engine has been inspected in accordance with a 100hr. inspection and was determined to be in airworthy condition at this time and date only. For Motor APP 557 74 1559
9/1	2145.3			Installed Power Flow Exhaust System Per STC SA 52115 AT For Motor APP 557 74 1559

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DATE 2016 11	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.)
8/24	2110.1			OIL + FILTER changed 7 QTS Aeroshell
TSMOH 21.0				100W + 1 PINT Cam Guard
				JK - [Signature] A+P 557 74 1559
11/1/2017	21230.1			OIL + FILTER changed 8 QTS Aeroshell 15/50 +
TSMOH 44.0				1 PINT Cam Guard JK [Signature] A+P 557 74 1559

3/1/2018

Tach 2142.9

TSMOH 53.8

TTSM 3370.6

Compression test all 72/80 and above. Cleaned and gapped spark plugs. Checked mag timing. Cut open Oil Filter and found okay. Rigged Prop Control. Wash down engine and run up. Found okay.

I certify that this Engine was inspected in accordance with a 100 Hour Inspection and was found to be in Airworthy Condition.

Kim McFarland A&P 557741559

[Signature]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2017 11				
4/2/17	2103/107	SMOH		OIL & FILTER CHANGED 7QTS Aeromeshell 15/50 - 1PT CAMGUARD Ken McEntom
				A&P 557741539
2/3/18	2190/107	SMOH		OIL & FILTER CHANGED 7QTS Aeromeshell 15/50 1PT CAMGUARD. Ken McEntom A&P 557741539

4/1/2018

Tach 2205.9

TSMOH 116

Compression test all 72/80 and above. Cleaned and gapped spark plugs. Changed Oil and Filter. Cut open Oil Filter and found okay. Inspected Suction Screen. Retimed Mags to 25BTC. Wash down engine. Run up and found satisfactory.

I certify that this Engine was inspected in accordance with a 100 Hour Inspection and was found to be in Airworthy Condition.

C B Boolootian

Craig Boolootian A&P 555254693

5-1-19	2225/126	SMOH		OIL & FILTER CHANGED 8QTS Aeromeshell 15/50 1PT CAMGUARD Ken McEntom A&P 557741539
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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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Engine Log

Date: 05/1/2019

Make/Model: LYCOMING O-360-A1F6

Total Time Engine: 136.0

Ser. No. L-15328-36A

Tach Time: 2225.96

Annual Inspection completed IAW FAR 43 Appendix D.

Compression test: 1 80/80, 2. 80/80, .3 78/80 4. 74/80. SPARK PLUGS CLEANED AND TESTED.

Owner changed oil and oil filter.

TSMOH:136

For AD compliance, see AD Compliance List in aircraft records. I certify this **Engine** has been inspected in accordance with an **Annual Inspection** and was determined to be in **Airworthy Condition**, and is approved for return to service.

Authorized signature



License No.

IA 3298139

NEUMANN & SON 4000 Meadow Woods Road, Carson City Nevada 89703

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BER OF
NTRIES.)

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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IVANAIR INC

5963 FREEPORT BLVD STE 102

SACRAMENTO, CA 95822

S/N: L-15328-36A

N29331 ~ ENGINE LOG ~ DATE: 12/10/2020
TACH: ~~2251~~²²⁵¹ 96 Eng TSMOH: ~~126~~¹⁶¹ 86 ETT: ~~3453~~³⁴⁷⁸ 66

1. COMPLETED ANNUAL INSPECTION PER INSPECTION GUIDE THIS DATE:
2. PERFORMED CYLINDER COMPRESSION
#1-76,#2-75,#3-76,#4-75.#5-76,#6-75 /80.
3. OWNER PERFORMED OIL AND FILTER CHANGE.
OIL FILTER WAS INSPECTED AND FOUND ACCPTBL.
4. FILLED W/ 7 QTS AREOSHELL 15/50 ADD CAMGAURD.

INSTALLED SUREFLY IGNITION MODULE ON RIGHT POSITION , P/N:SIM4N , S/N:4N-3019007
PER DOC# SF1002,REVB.

AD'S CHECKED THROUGH TDATA DISC 2020-24.

" I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
IS DETERMINED TO BE IN AN AIRWORTHY CONDITION"

SIGNED: Kucuk TA 337 MOI AEP

SIGNED: John Smith AEP 087
(OWNER) 741559

Tach 2251 ETT 3478
TS MO 161

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2021 5-1	Tach Reads	2276.1		CHANGED OIL + FILTER Replaced WITH 7 qts Quercus Hall 100W + 1 PT Cam Guard, Cleaned out Manifold Pressure Line Rm - M Jm ATP 557 74 1559
5022	Tach	2295.4		
1-15	TT5 M	3522		Drained oil & removed filter. Refilled with 8 qts Phillips
	TT5 M	205		50-50 and 1 pt. Cam Guard. Replaced oil filter with Teupert AA48108-2 Checked Mag timing. Ram compression check #1: 76/80 #2: 76/80 #3: 74/8 4: 75/80 Checked spark plug gaps & reinstalled. Removed & replaced prop governor w/ overhauled unit from Stockton Propeller. Replaced valve cover gaskets

—over—

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.)
				I certify that this engine was inspected IAW a 100 hr inspection & was found to be in Airworthy condition <i>F. Johnson A&P</i>

1/14/2022 Total time 3566.4 tach 2295.4 TSMOH 249.4 Mag timing good, Comp check 76-76-74-75 over 80. Cleaned and gapped plugs as required. Oil filter opened and found to be consistent for normal engine operation. Installed new champion oil filter. I certify that this engine and propeller have been inspected IAW an annual inspection and have been determined to be in airworthy condition. Lawrence F. Johnson A&P/IA 3486165

DATE 20 23 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.)
2-13	2320	✓		Replaced 4 spark plugs with
	3547	TPSNI		OUBURN HS R 87 AM Top Plug Holes
	269	SMOA		Replaced Ignition Harness Timed
				THE MAG + SURF IN UNIT. Checked
				and Resealed Gasket. Compression
				CHECK ALL 4 cylinders 76/80 or Better
				I certify THAT THIS ENGINE HAS
				Been inspected in accordance with
				C, 100 HR inspection and found
				TO BE IN AN APPROVING condition
				JES R. L. ACP 55 5741559

