

ENG. SER.

ENGINE LOG

NC N28712

DESCRIPTION

ENGINE MFG. Sycoming MOD. 0-360-A4K SER. L-24681-36A

RPM

BPH

MANIFOLD PRESS.

NORMAL 2700 NORMAL 180 NORMAL _____

MAX. _____ MAX. _____ MAX. _____

OIL

FUEL

IGNITION

CAP. GALLONS 2.0 OCTANE MIN. 100/130 MAGNETO TIME _____

GRADE SUMMER SAE 40 OCTANE MAX. _____ MAG. POINT GAP _____

GRADE WINTER SAE 30 OCTANE REC'D _____ SPARK PLUG GAP _____

FIRING ORDER 1-3-2-4



[illegible]

SIGNATURE AND
CERTIFICATE NO.

19 78

TACH.
TIME

THIS
FLIGHT

TOTAL TIME

REMARKS

3-29

2.30

Production Flight Test

~~McKENZIE FLYING SERVICE INC. - 90600 GREENHILL ROAD - EUGENE, ORE. 97402~~
~~F.A.A. APPROVED REPAIR STATION NO. 4037~~

Date 5-11-79

I certify that this aircraft has	been inspected in accordance with a	<u>1000</u>	hour
inspection and was determined to be	in airworthy condition. Applicable A. D. notes through	79-2	
checked or complied with. Pertinent	details of this repair are on file at this agency under	Work Order	

No

1042

Total Time

287

Signature _____

Robert Russell

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TOP OF NEXT LEFT PAGE

MANDATORY SERVICE BULLETINS

NC

ENG. SER.

DATE 19	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
2-22-80	TACH 539	Cleaned bottom spark plugs, replaced #3 Cyl. rocker cover gasket, replaced all exhaust gaskets. Robert Kennel changed ASV037	
6-20-80	TOTAL T. 589.48	100 HR. INSPE. COMPRESSION NO 1-29/80, 2-76/80, 3-80/80, 4-29/80. changed oil, serviced with 8 qts AEROSHELL 50 W. Replaced OIL FILTER P/N CFC 48110. Replaced TWO SPARK PLUGS REM 40E. I certify That This Eng has BEEN INSPECTED I/A/W A 100 Hour INSPECTION and has been Found To be IN AIRworthy CONDITION. Eugene F. Bilton ALP 515388826	

NC

[illegible]

ENG. SER.

NC

ENG. SER.		MANDATORY CERTIFICATE NO.
DATE 19__	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE
		SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
9-24-81		T.T. 0843.2. Compression ck. #1 78/80, #2 75/80 #3 76/80 #4 78/80. Replaced spark plugs R.E.M.-40E changed oil + filter, overhauled Alternator Replaced Vacuum pump. Replaced Rocker cover gaskets on #1 & 3 cyls
		Date: 9-24-81
		I certify that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.
		Total time (or tach reading) 0843.2
		Signed [Signature] A & P # 1-2-3-4-5-6-7-8-9-0

ENG. SER.

AIRWORTHINESS DIRECTIVES

NC

DATE 19	DIRECTIVE NUMBER	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
8-2-83	TACH	<p>Changed oil & filter, added 8qt Chevron 40W AD. Installed all new exhaust gaskets. Harold Weston R/S 4037</p>	
		<p>McKENZIE FLYING SERVICE INC. * 90600 GREENHILL RD. * EUGENE, OR 97402 F.A.A. APPROVED REPAIR STATION NO. 4037</p>	
		<p>Date <u>8-2-83</u> engine</p> <p>I certify that this aircraft has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this agency under work order no. <u>6246</u></p> <p>total time <u>986</u></p>	
		<p>Signature <u>Harold Weston R/S 4037</u></p>	

ENGINE LOG

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

DATE
19__

10/3/84 PERFORMED 100 HR INSPECTION PER
TACH 1109 GRUMMAN AMERICAN MAINTENANCE MANUAL
CHECK LIST, DRESSED AND PAINTED PROP - INSTALLED
NEW ROCKER COVER GASKETS, REPLACED AIR FILTER,
REPLACED INLET AIR AND HEATER AIR DUCTS, DRAINED
CARBURETOR BOWL AND CLEANED SCREEN. COMPRESSION
CHECK #1-78, #2-78, #3-73, #4-76. RAN & LEAK
I certify that this aircraft CHECKED. Paul Hume ASP 524707882
has been inspected in ac-
cordance with a 100 HR
inspection and was deter-
mined to be in airworthy
condition.

ENG. SER.

MANDATORY SERVICE BULLETINS

NC

DATE 19 <u>88</u>	TOTAL TIME	GIVE A BRIEF DESCRIPTION OF COMPLIANCE	SIGNATURE AND CERTIFICATE NO. OF MECHANIC OR REPAIR FACILITY
12/1	1211 hrs.	<p>Performed 100hr. inspection as per Grumman AA5 series inspection guide. Compression Test results: #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{74}{80}$ #4 $\frac{74}{80}$. Installed new rocker cover gaskets. Replaced deteriorated heater hose. Removed battery box corrosion. Inspected electrical system in engine compartment. Replaced voltage regulator. Ran leak checked.</p>	<p><i>[Signature]</i> A.S. 19328571A</p>
12/1	1211 hrs.	<p>Repair cracked muffler by welding. This engine determined to be airworthy this date.</p>	<p><i>[Signature]</i> A.P. 19328871A</p>

ENGINE LOG

DATE

1986

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

4-24

INSTALLED TWO NEW MAGNETOES - Slick 4250R
S/N 4110141 & 4251R S/N 4110067. Cleaned bottom
plugs, removed cleaned & reinstalled primers.
WASHED, RAN, performed operational check, &
LEAK checked. Wesley M. Fox APP568722628. -
TACH 1220. - HRS. wmf/ox

ENGINE LOG

DATE

1988

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS

EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

4/19 TACH 1419.26 HOURS 1492 -
REMOVED #1 Cyl. Due To EXHAUST VALVE
FAILURE - INSTALLED NEW COMPLETE CYL.
KIT FROM AVIAL (ECLW 12428CP PN 25971
CPI CLASS 12/12/12) 1 CHROME Cyl. 1 NEW PISTON
w/ RINGS - NEW VALVES - NEW SEATS - GUIDES - SPRING
AND GASKET SET - INSTALLED IAW Cyl.
AND AVIAL (ENGINE COMPONENTS INC) INSTRUCTIONS
RAN UP CHECKED FOR LEAKS - OK
AIP 944695414 WAT LIT

ENG. SER.

SIGNATURE AND
CERTIFICATE NO.

1988

TACH.
TIME

THIS
FLIGHT

TOTAL TIME

REMARKS

8-25

1421.26

Removed & Replaced #2 & #4 cyls with
2-T & J Airparts Stud assy.. See yellow
tags. Installed new piston rings. Removed
oil cooler for repair. Reinstalled engine
test run. Lesher & Schumacher.

~~HP~~ 1932857

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ENGINE LOG

DATE

19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS

EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

27 SEPT. 1990, TACH 1478, HOURMETER 1601, ENGINE
TOTAL TIME 1478, PROPELLER TOTAL TIME 1478
ANNUAL INSPECTION COMPLETED IAW FAR 43 APPENDIX
D REQUIREMENTS. CHANGED OIL & REPLACED CH48103
FILTER. REFILLED 8QTS. AEROSHELL 100 (SAE 50W)
CHECKED COMPRESSION ① 78/80 ② 79/80 ③ 79/80 ④ 79/80
CLEANED / GAPPED / TESTED / ROTATED SPARKPLUGS.
CHECKED MAG TIMING. RETORQUED ENGINE AS
NECESSARY. DRESSED PROPELLER. AD 79-15-02
POWER LOSS - N/A ENG. MIN, AD 80-04-03 R2 PUSHRODS -
N/A ENG. MIN, AD 80-14-07 VALVE FAIL - N/A ENG. MIN.
AD 81-18-04 R2 OIL PUMP - DUE @ 2000 HRS. AD 87-
10-06 R1 ROCKER FAIL - N/A ENG S/N CONTINUED NEXT PAGE

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FLIGHT

TOTAL TIME

REMARKS

SIGNATURE AND
CERTIFICATE NO.

9/27/90 CONT'D) AD90-04-06 OIL LINE - N/A AS EQUIPPED.
 C/W AD82-27-01 MCCAULEY PROP - BY VISUAL & DYE
 CHECK INSPECTION. AD RECURRING EA 200HRS. & NEXT DUE
 @ TACH 1678. AD77-13-16 H46 CARB. - N/A UNIT P/N,
 AD79-08-06 H46 - N/A UNIT P/N. AD80-06-05 SLICK
 MAG - N/A UNIT S/N'S, AD81-16-05 SLICK MAG - N/A
 UNIT S/N'S. AD80-25-07R1 SW OIL COOLER - N/A UNIT
 P/N & S/N. I CERTIFY THAT THIS ENGINE & PROPELLER
 HAVE BEEN INSPECTED IAW AN ANNUAL INSPECTION &
 WERE DETERMINED TO BE IN AIRWORTHY CONDITION THIS
 DATE.

James L. Cunningham
 A&P 64368 3418IA

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ENGINE LOG

DATE

19

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS

EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

18 JANUARY 1992 TACH 1534, HOURMETER 1660.6, ENGINE
TOTAL TIME 1534, PROPELLER TOTAL TIME 1534
ANNUAL INSPECTION COMPLETED IAW FAR 43 APPENDIX
D REQUIREMENTS. OWNER CHANGED OIL & CH48/103 FILTER.
CHECK COMPRESSION ① 77/80 ② 79/80 ③ 78/80 ④ 79/80.
CHECKED MAG TIMING & E-GAP. DRESSED & TAINTED
PROP. CLEANED/GAPPED/TESTED/ROTATED SPARK PLUGS.
REPLACED ALL ROCKER COVER GASKETS w/ P/N 75906.
RETORQUED LOOSE LH P-LEAD. REPLACED/PATCHED
#4 CYL. UPPER BAFFLING. I CERTIFY THAT THIS
ENGINE & PROPELLER HAVE BEEN INSPECTED IAW AN
ANNUAL INSPECTION & WERE DETERMINED TO BE IN
AIRWORTHY CONDITION THIS DATE. James R. Cunningham

SEE PERTINENT FAR 91.161, 91.163, 91.165, 91.167, 91.169, 91.171, 91.173, 91.175, 91.177, 91.179, 91.181, 91.183, 91.185, 91.187, 91.189, 91.191, 91.193, 91.195, 91.197, 91.199, 91.201, 91.203, 91.205, 91.207, 91.209, 91.211, 91.213, 91.215, 91.217, 91.219, 91.221, 91.223, 91.225, 91.227, 91.229, 91.231, 91.233, 91.235, 91.237, 91.239, 91.241, 91.243, 91.245, 91.247, 91.249, 91.251, 91.253, 91.255, 91.257, 91.259, 91.261, 91.263, 91.265, 91.267, 91.269, 91.271, 91.273, 91.275, 91.277, 91.279, 91.281, 91.283, 91.285, 91.287, 91.289, 91.291, 91.293, 91.295, 91.297, 91.299, 91.301, 91.303, 91.305, 91.307, 91.309, 91.311, 91.313, 91.315, 91.317, 91.319, 91.321, 91.323, 91.325, 91.327, 91.329, 91.331, 91.333, 91.335, 91.337, 91.339, 91.341, 91.343, 91.345, 91.347, 91.349, 91.351, 91.353, 91.355, 91.357, 91.359, 91.361, 91.363, 91.365, 91.367, 91.369, 91.371, 91.373, 91.375, 91.377, 91.379, 91.381, 91.383, 91.385, 91.387, 91.389, 91.391, 91.393, 91.395, 91.397, 91.399, 91.401, 91.403, 91.405, 91.407, 91.409, 91.411, 91.413, 91.415, 91.417, 91.419, 91.421, 91.423, 91.425, 91.427, 91.429, 91.431, 91.433, 91.435, 91.437, 91.439, 91.441, 91.443, 91.445, 91.447, 91.449, 91.451, 91.453, 91.455, 91.457, 91.459, 91.461, 91.463, 91.465, 91.467, 91.469, 91.471, 91.473, 91.475, 91.477, 91.479, 91.481, 91.483, 91.485, 91.487, 91.489, 91.491, 91.493, 91.495, 91.497, 91.499, 91.501, 91.503, 91.505, 91.507, 91.509, 91.511, 91.513, 91.515, 91.517, 91.519, 91.521, 91.523, 91.525, 91.527, 91.529, 91.531, 91.533, 91.535, 91.537, 91.539, 91.541, 91.543, 91.545, 91.547, 91.549, 91.551, 91.553, 91.555, 91.557, 91.559, 91.561, 91.563, 91.565, 91.567, 91.569, 91.571, 91.573, 91.575, 91.577, 91.579, 91.581, 91.583, 91.585, 91.587, 91.589, 91.591, 91.593, 91.595, 91.597, 91.599, 91.601, 91.603, 91.605, 91.607, 91.609, 91.611, 91.613, 91.615, 91.617, 91.619, 91.621, 91.623, 91.625, 91.627, 91.629, 91.631, 91.633, 91.635, 91.637, 91.639, 91.641, 91.643, 91.645, 91.647, 91.649, 91.651, 91.653, 91.655, 91.657, 91.659, 91.661, 91.663, 91.665, 91.667, 91.669, 91.671, 91.673, 91.675, 91.677, 91.679, 91.681, 91.683, 91.685, 91.687, 91.689, 91.691, 91.693, 91.695, 91.697, 91.699, 91.701, 91.703, 91.705, 91.707, 91.709, 91.711, 91.713, 91.715, 91.717, 91.719, 91.721, 91.723, 91.725, 91.727, 91.729, 91.731, 91.733, 91.735, 91.737, 91.739, 91.741, 91.743, 91.745, 91.747, 91.749, 91.751, 91.753, 91.755, 91.757, 91.759, 91.761, 91.763, 91.765, 91.767, 91.769, 91.771, 91.773, 91.775, 91.777, 91.779, 91.781, 91.783, 91.785, 91.787, 91.789, 91.791, 91.793, 91.795, 91.797, 91.799, 91.801, 91.803, 91.805, 91.807, 91.809, 91.811, 91.813, 91.815, 91.817, 91.819, 91.821, 91.823, 91.825, 91.827, 91.829, 91.831, 91.833, 91.835, 91.837, 91.839, 91.841, 91.843, 91.845, 91.847, 91.849, 91.851, 91.853, 91.855, 91.857, 91.859, 91.861, 91.863, 91.865, 91.867, 91.869, 91.871, 91.873, 91.875, 91.877, 91.879, 91.881, 91.883, 91.885, 91.887, 91.889, 91.891, 91.893, 91.895, 91.897, 91.899, 91.901, 91.903, 91.905, 91.907, 91.909, 91.911, 91.913, 91.915, 91.917, 91.919, 91.921, 91.923, 91.925, 91.927, 91.929, 91.931, 91.933, 91.935, 91.937, 91.939, 91.941, 91.943, 91.945, 91.947, 91.949, 91.951, 91.953, 91.955, 91.957, 91.959, 91.961, 91.963, 91.965, 91.967, 91.969, 91.971, 91.973, 91.975, 91.977, 91.979, 91.981, 91.983, 91.985, 91.987, 91.989, 91.991, 91.993, 91.995, 91.997, 91.999

A&P 543683418IA

EN
ENG. SER.

NC

DATE
19TACH.
TIMETHIS
FLIGHT

TOTAL TIME

REMARKS

SIGNATURE AND
CERTIFICATE NO.

18 JANUARY 1992 TACH 1534 AD 91-14-22 CRANKSHAFT
GEAR DUE @ 2000HR OR PER AD NOTE CRITERIA. AD
NOT DUE AT THIS TIME. James R. Cunningham
AIP 543683418

2 JULY 1992 TACH 1655 CHANGED OIL & REPLACED CH48103
FILTER. REFILLED 8QT. AEROSHELL 100W (SAE 50W).
James R. Cunningham AIP 543683418

10 MAY 1993 TACH 1593. ENGINE TOTAL TIME 1593,
PROPELLER TOTAL TIME 1593. ANNUAL INSPECTION
COMPLETED IAW FAR 43 APPENDIX D REQUIREMENTS.
CHANGED OIL & REPLACED CH48103 FILTER.

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ENGINE LOG

DATE

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INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS

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WITH NAME, RATING AND CERTIFICATE NUMBER

5/10/93 CONTD) CHECKED COMPRESSION 1) 76/80 2) 78/80 3) 72/80
4) 74/80. RESET LH & RH POINT GAPS & RETIMED TO
ENGINE. DRESSED PROPELLER. CLEANED/GAPPED/TESTED
& ROTATED SPARKPLUGS. AD 92-12-05 PISTON PINS -
N/A BY DATE. AD 92-20-07 FUEL PUMP. N/A BY
DATE. I CERTIFY THAT THIS ENGINE & PROPELLER
HAVE BEEN INSPECTED IAW AN ANNUAL IN-
SPECTION & WERE DETERMINED TO BE IN AIRWORTHY
CONDITION THIS DATE. James R Cunningham
A&P 543683418 IA

EN NG. SER.

NC

DATE 19__	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
13	AUGUST	1996	TACH 1678, ENGINE TOTAL TIME 1678, PROPELLER TOTAL TIME 1678. ANNUAL INSPECTION COM- PLETED IAW FAR 43 APPENDIX D. CHANGED OIL & REPLACED CH48103 FILTER. REFILLED 8 QTS. AEROSHELL 100W (SAE50W) CHECKED COMPRESSION 1) 75/80 2) 77/80 3) 78/80 4) 76/80. CLEANED/GAPPED/TESTED/ROTATED SPARK- PLUGS. CHECKED MAG TIMING. DRESSED/PAINTED PRO- PELLER. REPLACED ALL ROCKER COVERS w/ LYC. P/N 75906. CLEANED CARBURETOR INLET FUEL SCREEN. AD 96-09-10 OIL PUMP- DUE AT 2000 HR. OR 7/2001. AD 93-11-11 FUEL PUMP- N/A BY DATE. AD 95-07-01 ROD BOLTS- N/A BY DATE. AD 95-26-02 ENGINE DAMAGE- N/A BY DATE & N# 28712.		
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ENGINE LOG

DATE

19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS

EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY
WITH NAME, RATING AND CERTIFICATE NUMBER

8/13/96 CONT'D) C/W AD 94-25-04 H46 CARBURETOR. BY
INSTALLATION OF PIN 55-A239 RETAINER, 15B395 SCREW,
1/2 78-A292 WASHER, IAW PRECISION SB MSA-6.

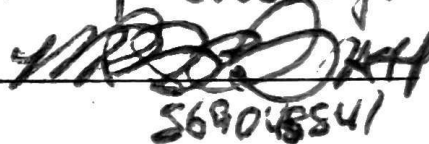
C/W AD 82-27-01 MCCAULEY 1A170 PROPELLER - BY
REMOVAL & DYE PENETRANT INSPECTION. NO DEFECTS
NOTED. AD DUE EA. 200HR & NEXT DUE @ TACH 1878.

I CERTIFY THAT THIS ENGINE & PROPELLER HAVE BEEN
INSPECTED IAW AN ANNUAL INSPECTION & WERE DETER-
MINED TO BE IN AIRWORTHY CONDITION.

KIMES R Cunningham A & P 543683418 IA

EN
ENG. SER.

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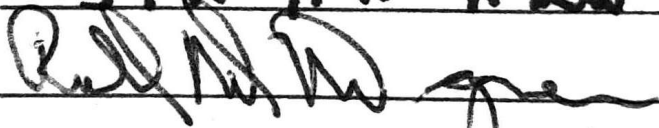
1	DATE	TACH.	THIS	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
	19 <u>97</u>	TIME	FLIGHT			
—	8 Feb	1685.70		1685.70	Remove and inspect oil filter and oil screens	 569048541
—					Remove Repair and Reinstall Alternator Bracket	
—					Remove & Reinstall Propeller to F.O.M. ACT. Bkt	
—					maintenance Replace Oil Filter Safety Filter	
—					Screens and Propeller leak and Op Check good	
—					Functional Check Flight Aircraft	
—						
—						
—						
—						
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ENGINE LOG

DATE 1997	<p>INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS</p> <p>EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER</p>
3-17	<p>INSTALLED SKY-TEC STARTER AS PER STC 205</p>
	<p>SE-00218 NY SEE FAA FORM 337 THIS DATE</p>
	<p>Rahel M. Weyman 284388687-1A</p>

ENG. SER.

NC

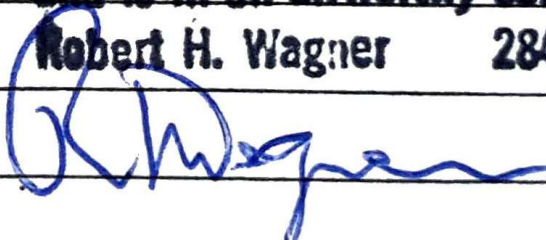
DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
19 <u>97</u>					
<u>4-1</u>	<u>1702</u>	<u>COMPRESSION CHECK</u>	<u>1.75</u>	<u>218</u>	<u>320</u>
			<u>50</u>	<u>80</u>	<u>80</u>
		CLEAN & ROTATE PUMPS, INSTALLED NEW LINES TO OIL COOLER & NEW COOLER, REPLACED BARKER SEALS, R&R EXHAUST SYSTEM, YELLOW TAG BY AIRCRAFT EXHAUST SYSTEMS.			
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS IN AN AIRWORTHY CONDITION			
		 284388667 1A			
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ENGINE LOG

DATE 1997	INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER
	McCaughey 1A170 FRA SN P78013 PROR
	AD 82-27-01 OVA NT TAC 1878
7/12	TACH TIME 1717.39 Changed oil w/ 8qt. AEROSHELL 100. Installed ^{Champion} CH48103 CUT OPEN FILTER + INSPECTED. OIL ANALYSIS RESULTS NORMAL Sally Sege 002533218
9/14/97	TACH TIME 1754.94 Changed oil w/ 8qt. AEROSHELL 15W50. Installed Champion CH48103. CUT OPEN FILTER + INSPECTED. Sally Sege 002533218
4/5/98	TACH TIME 1791.80 Changed oil w/ 8qt. AEROSHELL 15W50. Installed Champion CH48103 - Sally Sege 002533218 COMPRESSION CHECK (1) 76/80 (2) 78/80 (3) 70/80 (4) 72/80

ENG. SER.

NC

DATE 19 <u>98</u>	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
5-1	18136			OIL CHANGE: S-HALL IS WSO. REPLACED OIL FILTER, CLEAN GAP PLUGS. COMPRESSION CH. OK 175 275 372 476. INSTALL NEW ROCKER COVER CASSETS, R & R LEFT MAC VISUAL CHECK CON. POINTS, DIST. CAP. O.K., ROUTINE TO ENGINE, CHARGES AD FILTER TACH <u>18136</u> I.I. <u>1815.6</u>	
				I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and is in an airworthy condition.	
				Robert H. Wagner 284388667 IA.	
					
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ENGINE LOG

DATE

19__

INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS
EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REP.
WITH NAME, RATING AND CERTIFICATE NUMBER

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport

Bartow, FL 33830

941-533-1870 FAA VF4R594M

DATE: 4-23-98 TACH: 1845

REUP NEW

COIL & COND.

P/W K-3984

P/W K-3975

TEST RUN

O/C

AM

2421PGJ27

N28712

EWB/AF

ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.
1998					
8-18	1845.2			Removal M2C Avcon Prop Model 1A170RA2563 SN P 79013, installed Sonson 12A model SN 31452K 76E M8S 10-0-63 prop as per STC SAH 1195AW RWegner 284388667 ADP	
8-19	1845.2			Changed oil w/8qt AEROSHELL 15W50, installed ^{CHAMPION} CH 48103 Cut open filter + INSPECTED. ADDED 1 PT AV BLEND COMPRESSION CHECK ① 12/80 ② 14/80 ③ 10/80 ④ 14/80 Sally Segn 002533218	
1-23-99	1880.7			Changed oil w/8 qt. AEROSHELL 15W50 Installed Champion CH 48103 oil filter. Cut open filter and inspected, Added 1 pt. Av Blend Sally Segn 002533218	
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE					

ENGINE LOG

DATE 1999	<p>INSPECTIONS, ADJUSTMENTS, REPLACEMENTS, REPAIRS AND/OR ALTERATIONS</p> <p>EVERY REPAIR AND EVERY INSPECTION MUST BE ENDORSED BY A CERTIFICATED MECHANIC OR REPAIR FACILITY WITH NAME, RATING AND CERTIFICATE NUMBER</p>
5-14	<p>OIL & FILTER CHANGE COMPRESSION 1 24 2 77 3 73 4 77</p> <p>TACH 1910.2</p> <p>80 80 80 80</p>
	<p>REPLACED ALL EXHAUST GASKETS, REPLACED AIR FILTER,</p>
	<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A. ADD NR NR INSPECTION AND IS IN AN AIRWORTHY CONDITION <i>Ralph N. Weger</i> 2843886671A</p>
8-29	<p>Changed oil w/ 7qt. AEROSHELL W100 Installed Champion CH48103 oil filter Cut open filter and inspected. <i>Sally Sigs</i> 002533218</p>

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ENG. SER.

NC

DATE	TACH. TIME	THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE AND CERTIFICATE NO.	DA 19
19 ⁹⁹						
12-1	1991.3			ENGINE REMOVED FROM GRUMMAN AAS-3 SN 769, AND SHIPPED TO LYCOMING FOR OVERHAUL R.W. [signature] 284388667 ATP		
2000						
03-18	1991.3			SEE LOG BOOK # 2 FOR OVERHAUL AND REINSTALLATION R.W. [signature] 284388667 ATP		
FORWARD TOTALS TO TOP OF NEXT LEFT PAGE						

TEXTRON Lycoming


Form No. 365

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/327-7308

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming Overhaul Manual. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: O-360-A4K
Serial #: L-24681-36A
Date: 01/24/00
Total Time: 1991.3
Work Order #: A-6389

Signed 
Textron Lycoming Service Center
Williamsport/Lycoming Co. Airport
Montoursville, PA 17754
Repair Station: ED1R109K

ENGINE LOG

Serial No.

[illegible]

N28712 March 18,2000 1991.3 TT

Engine reinstalled in AA5-B SN 769 this date.

Replaced fuel pump with AC/Lycoming Fuel pump PN 40295
overhauled by Aero Accessories Inc. FAA Cert. Rep. Sta
No. YV4R688M wo#30452.

Replaced alternator belt with FAA-PMA replacement PN S1597-1-37.5

Installed Engine Preheater with FAA-PMA part model AL3236
form Symtec, Inc.

Replaced vacuum pressure pump with new FAA-PMA part
Model IU128B, SN T3442SH from Sigma Tek, INC.

Replaced Oil Drain Valve with new FAA-PMA part (PN P5000)
Lot No. 10-11650 from SAF-AIR Products, Inc.

[illegible]

**b Endorsement of a
s Rating and
Shown.**

A handwritten signature in dark ink, appearing to be "M." or similar, located at the bottom right of the page.

ENGINE LOG

Serial No. _____

[illegible]

N28712 March 18, 2000 1991.3 TT

Replaced exhaust (2) straight risers (PN 099005-102),(2) curved risers(PN099005-184), muffler (PN099005-191) with repaired parts from Aircraft Exhaust Systems, Inc. FAA repair station No. XHYR068L, wo#50699 A-E and exhaust gasket with new FAA part PN 77511 from Lycoming.

Installed ADC Remote Spin-on Filter System from Aviation Development Corp. per STC SE5743NM see FAA for 337 this date.

Replaced Brackett air cleaner # BA 20.

Installed Champion CH48108 oil filter and added 8 qt Aeroshell 80 oil.

Ground run-up, engine operation normal.

Robert Wagner A&P 284388667

Robert Wagner A&P 28438866

Signature	License Number

**e Endorsement of a
is Rating and
Shown.**

Serial No.

Date	Time	
	Hrs	Min
N28712 April 1, 2000	1998.3	TT 7.0 SMOH
Changed oil with 8 qt. Aeroshell 50 mineral oil. Replaced oil filter with Champion CH 48108. Cut open oil filter and inspected.		
<i>Sally Sega</i> Sally Sega 002533218		
N28712 June 1, 2000	2022.1	TT 31.8 SMOH
Changed oil and replaced CH 48108 oil filter. Refilled with 8 qt. Aeroshell 50 mineral oil. Rotated plugs and checked mag timing. Replaced 7-41 bolt, washers and nut on alternator. Checked compression: 1) 75/80 2) 75/80 3) 75/80 4) 75/80. Resealed and reinforced engine baffling.		
I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.		
<i>R Wagner</i> Robert Wagner A&P 284388667		
Total to Date		

Signature _____
License Number _____

The Endorsement of a
his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time			Signature	License Number
	Hrs	Min			
			N28712 October 7, 2000 2073.3 TT 82.0 SMOH		
			Changed oil with 8 qt. Aeroshell 15-50 oil. Replaced oil filter		
			with Champion CH 48108. Cut open oil filter and		
			inspected		
			<i>Sally Sega</i>		
			Sally Sega 002533218		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG


Serial No.

[illegible]

N28712 June 1, 2001 2103.9 TT 113.6 SMOH

Changed oil and replaced CH 48108 oil filter. Refilled with 8 qt. Aeroshell 50 Plus oil. Rotated plugs and checked mag timing. Replaced BA-20 Air filter. Checked compression:
1) 77/80 2) 79/80 3) 79/80 4) 79/80 .

I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.


Robert Wagner

Robert Wagner IA 284388667

N28712 October 14, 2001 2147.3 TT 156.0 SMOH

Changed oil with 8 qt. Aeroshell 15-50 oil. Replaced oil filter with Champion CH 48108. Cut open filter and inspected.

Sally Segn

Sally Segal 002533218

Signature	License Number

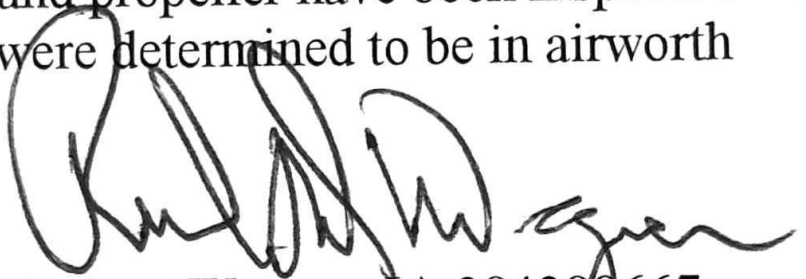
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Serial No. _____

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

ENGINE LOG

Serial No.

Date	Time		Signature	License Number
	Hrs	I		
N28712 July 1, 2002	2204.8	TT	213.5 SMOH	
Rotated Plugs and checked mag timing. Replaced BA-20 air filter. Checked compression: 1) 77/80 2) 77/80 3) 78/80 4) 78/80. Repaired small crack in airbox.				
I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.				
 Robert Wagner IA 284388667 2686217				
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
Brought Forward				
Total to Date				

ENGINE LOG

[illegible]

N28712 October 13,2002 2244.5 TT 253.2 SMOH

Changed oil with 8 qt. Aeroshell 80 W. Replaced oil filter with Champion CH 48108. Cut open filter and inspected. Oil analysis on file. 47.9 Time since last oil change.

Sally Segal

Sally Segal 002533218

N28712 April 13, 2003 2263.0 TT 271.7 SMOH

Changed oil with 8 qt. Aeroshell 100 W Plus. Replaced oil filter with Champion CH 48108. Cut open filter and inspected. Oil analysis on file. 18.5 Time since last oil change.

Sally Sege

Sally Sega 002533218

Serial No. _____

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ENGINE LOG

Serial No.

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N28712 July 1, 2003 2275.5 TT 284.2 SMOH

Cleaned, gapped, and rotated plugs. Checked mag timing. Inspected electric fuel pump filter. Replaced BA-20 air filter. Checked compression: 1) 72/80 2) 79/80 3) 71/80 4) 79/80.

I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.

Robert Wagner

Robert Wagner

IA 2686217

N28712 August 3, 2003 2294.9 TT 303.6 SMOH

Changed oil with 8 qt. Aeroshell 100 W Plus. Replaced oil filter with Champion CH 48108. Cut open filter and inspected.
31.9 Time since last oil change.

Sally Segs

Sally Sega 002533218


Signature	License Number

Endorsement of a Rating and Shown.

ENGINE LOG

Serial No. _____

N28712 November 2, 2003 2327.9 TT 336.6 SMOH
 Changed oil with 8 qt. Aeroshell 80 W. Replaced oil filter with
 Champion CH 48108. Cut open filter and inspected. Oil
 analysis on file. 33.0 Time since last oil change. Added break
 fluid. Checked compression: 1) 79/80 2) 78/80 3) 72/80 4) 71/80.


 Fred S. Jernigan Jr. A/P 2782716

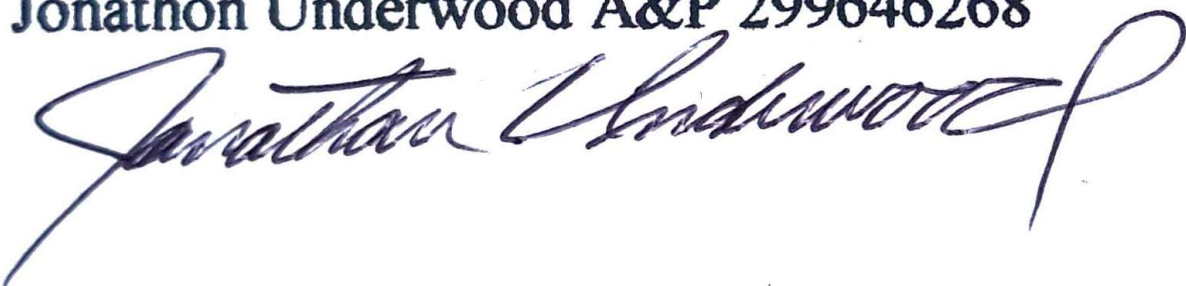
N28712 March 27, 2004 2357.0 TT 365.7 SMOH
 Changed oil with 8 qt. Aeroshell 100 W. Plus. Replaced oil filter
 with Champion CH 48108. Cut open filter and inspected. Oil
 analysis on file. 29.3 Time since last oil change.


 Sally Segal 002533218

Endorsement of a
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			<p align="center"><i>BAP Aircraft Maintenance</i></p> <p align="center">937-847-9556</p> <p>04-19-2004 Tach Time 2362.7</p> <p>Modified aircraft as per STC SA01669CH by installation of a Challenger cleanable air filter. See FAA form 337-dated 04-19-2004 for details of this installation.</p> <p>Jonathon Underwood A&P 299646268</p> 		
Total to Date			Certificate Number MUST be Shown.	<p>the Endorsement of a his Rating and</p>	

ENGINE LOG

Serial No.


[illegible]

N28712 July 7, 2004 2396.8 TT 405.5 SMOH
 Changed oil with 8 qt. Aeroshell 100 W Plus. Replaced oil filter
 with Kelly ES 48108. Cut open filter and inspected.

Sally Sega
Sally Sega 002533218

N28712 July 22, 2004 2399.5 TT 408.2 SMOH
Cleaned and rotated plugs. Checked mag timing. Inspected electric fuel pump filter. Replaced right top engine baffle. Retorqued alternator and bracket. Checked compression: 1)79/80 2)78/80 3)78/80 4) 79/80.

I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.


Robert Wagner IA 2686217

Signature	License Number

**Assignment of a
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ENGINE LOG

Serial No.

Date	Time	
	Hrs	Min
		P
		B
		T

BAP Aircraft Maintenance
937-847-9556

Engine Log Entry N28712

08-31-2004 Tach Time 2417.3

Removed all spark plugs and installed new Autolite
spark plugs P/N UREM38E , This work was
accomplished in accordance with the Tiger
Maintenance Manual,
Jonathan Underwood
A&P 299646268

Jonathan Edwards

[illegible]

ENGINE LOG

Serial No. _____

[illegible]

N28712 October 2, 2004 2435.3 TT 444.00 SMOH

Changed oil with 8 qt. Aeroshell 80 W. Replaced oil filter with Kelly ES 48108. Cut open filter and inspected.

Sally Segal

Sally Sega 002533218

N28712 April 9, 2005 2466.5 TT 475.2 SMOH

Changed oil with 8 qt. Aeroshell 100 W Plus. Replaced oil filter with Kelly ES 48108. Cut open filter and inspected.

Selly Sego

Sally Sega 002533218

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Total to Date

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

ENGINE LOG

Serial No.

[illegible]

BAP Aircraft Maintenance
937-847-9556

Engine Log Entry N28712
05-23-2005 Tach Time 2482.7
Removed left magnet. Installed serviceable Slick 4371
magneto. Timed both magnetos to engine. Engine was
ground run and checked with no defects noted at this
time.
Bill Hatton IA3017137

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ENGINE LOG

Serial No. _____

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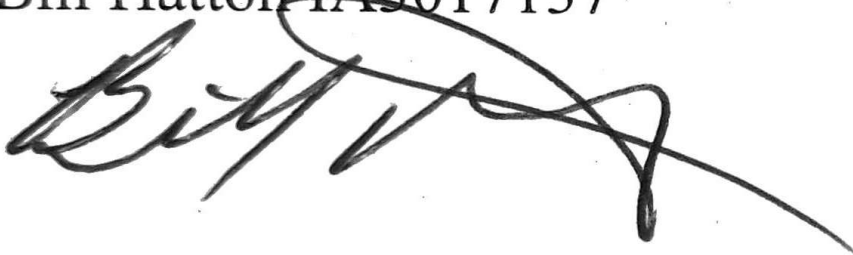
ENGINE LOG

Serial No. _____

Date	Time		Signature	License Number
	Hrs	Min		
N28712	October 22, 2005	2524.7 TT 533.4 SMOH		
Changed oil with 8 qt. Aeroshell 80 W. Replaced oil filter with Kelly ES 48108. Cut open filter and inspected.				
 Sally Sega 002533218				
N28712	April 16, 2006	2552.6 TT 561.3 SMOH		
Changed oil with 8 qt. Aeroshell 100 W Plus. Replaced oil filter with Champion CH 48108. Cut open filter and inspected.				
 Sally Sega 002533218				
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
Brought Forward				
Total to Date				

ENGINE LOG

Serial No. _____

Date	Time		Signature	License Number
	Hrs	M		
<i>BAP Aircraft Maintenance</i> 937-847-9556				
Engine Log Entry N28712 05-08-2006 Tach. Time 2562.3 Replaced gasket on #3 intake tube. Ground run and check ok at this time. Bill Hatton IA3017137 				
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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Total to Date				

Serial No. _____

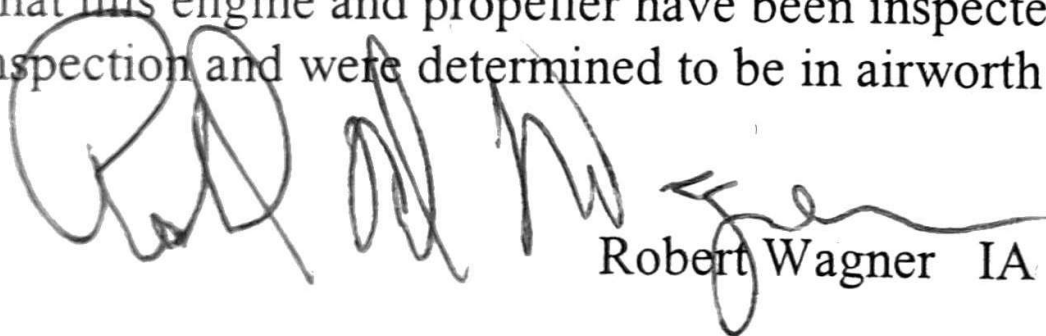
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Serial No. _____

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ENGINE LOG

Serial No. _____

Date	Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS
N28712	August 18, 2007	2649.55 TT 658.25 SMOH Cleaned, gapped and rotated plugs. Checked mag timing. Inspected electric fuel pump filter. Inspected K & B air filter. Changed oil with 8 qt. Aeroshell 100 W Plus. Replaced oil filter with Champion CH 48108. Cut open oil filter and inspected. Checked compression: 1)74/80 2)74/80 3)68/80 4)62/80.
I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.		
 Robert Wagner IA 2686217		
Total to Date	Certificate Number MUST be Shown.	Must Bear the Endorsement of a Mechanic, and his Rating and

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS		Signature	License Number
	Hrs	Min				
N28712	December 26, 2007		2678.2 TT 686.9 SMOH Changed oil with 8 qt. Aeroshell 80 W. Replaced oil filter with Champion CH 48108. Cut open filter and inspected.			
N28712	May 24, 2008		2689.0 TT 697.7 SMOH Changed oil with 8 qt. Aeroshell 100 W Plus. Replaced oil filter with Kelly ES 48108. Cut open filter and inspected.			

Sally Sega
Sally Sega 002533218

Sally Sega
Sally Sega 002533218

Must Bear the Endorsement of a
chanic, and his Rating and
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ENGINE LOG

Serial No. _____

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Serial No. _____

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Serial No. _____

Date	Time Hr:		Signature	License Number
N28712 November 29, 2008	2719.4 TT	728.1 SMOH		
Changed oil with 8 qt. Aeroshell 80 W. Replaced oil filter with Tempest AA48108. Cut open filter and inspected.				
N28712 May 9, 2009	2731.7 TT	740.4 SMOH		
Changed oil with 8 qt. Aeroshell 100 W Plus. Replaced oil filter with Tempest AA48108. Cut open filter and inspected.				
Brought Forward			Certificated mechanic, and his Rating and Certificate Number MUST be Shown.	
Total to Date				

ENGINE LOG

Serial No. _____

[illegible]

Serial No. _____

[illegible]

Serial No. _____

[illegible]

Serial No. _____

[illegible]

Engine Record General Information

Manufacturer LYCOMING Model O-360-A4K

Serial L-24681-36A 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 _____

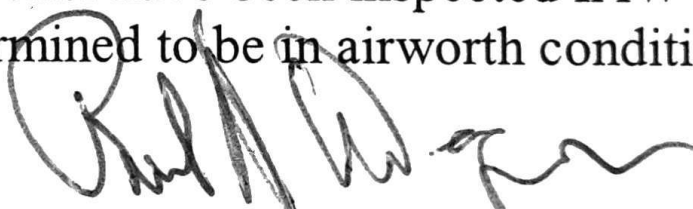
Manufacturer recommended overhaul at _____ hours

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N28712 November 1, 2011 2846.44 TT 855.23 SMOH
				Cleaned and rotated plugs. Checked mag timing.
				Inspected electric fuel pump filter. Inspected K & B air filter.
				Changed oil with 8 qt. Aeroshell 80 W Plus. Replaced oil filter
				with Tempest AA48108. Cut open oil filter and inspected.
				Checked compression: 1)79/80 2)78/80 3)76/80 4)77/80.
				I certify that this engine and propeller have been inspected IAW an
				annual inspection and were determined to be in airworth condition.
				Robert Wagner IA 2686217

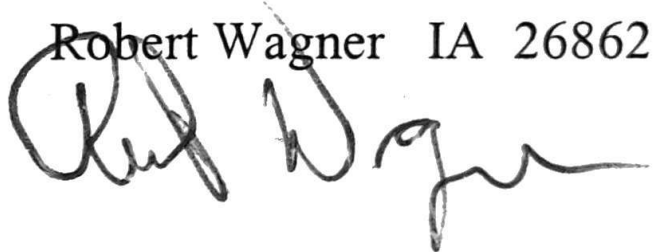
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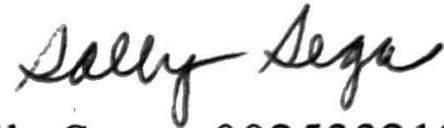

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>N28712 November 5, 2012 2878.21 TT 887.00 SMOH</p> <p>Cleaned and rotated plugs. Checked mag timing.</p> <p>Replaced oil return tube #2 cylinder PN 68760.</p> <p>Inspected electric fuel pump filter. Inspected K & B air filter.</p> <p>Changed oil with 8 qt. Aeroshell 80 W Plus. Replaced oil filter with Tempest AA48108. Cut open oil filter and inspected.</p> <p>Checked compression: 1)80/80 2)68/80 3)74/80 4)75/80.</p> <p>I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.</p> <p style="text-align: right;">Robert Wagner IA 2686217</p> <p style="text-align: right;"><i>[Signature]</i></p>


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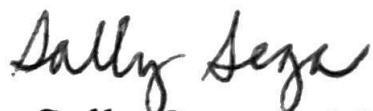
YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N28712 November 23, 2013 2900.97 TT 909.66 SMOH Cleaned and rotated plugs. Checked mag timing. Inspected electric fuel pump filter. Inspected K & B air filter. Changed oil with 7 qt. Aeroshell 80 W Plus. Replaced oil filter with Tempest AA48108. Cut open oil filter and inspected. Replaced 4 intake gaskets PN#71973 and 4 intake hose PN#69603. Checked compression: 1)74/80 2)72/80 3)78/80 4)70/80.
				I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.
				 Robert Wagner IA 2686217

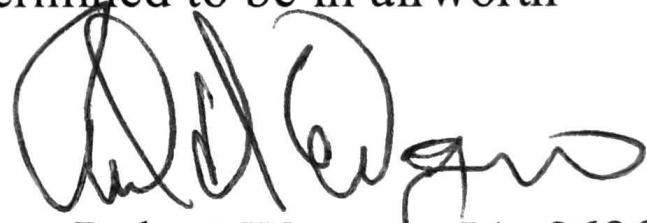
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YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N28712 April 9, 2015 2926.90 TT 935.59 SMOH Cleaned and rotated plugs. Checked mag timing. Inspected electric fuel pump filter. Inspected K & B air filter. Changed oil with 7 qt. Aeroshell 100 Plus. Replaced oil filter with Tempest AA48108. Cut open oil filter and inspected. Checked compression: 1)72/80 2)73/80 3)74/80 4)72/80.
				I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.
				PRIIP 76LMFS 10-0-63 SN 31452K Robert Wagner IA 2686217 

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back)
				N28712 November 17, 2017 2976.87 TT 985.56 SMOH Changed oil with 6 qts. Aeroshell 80 W Plus.
				 Sally Sega 002533218
				N28712 May 24, 2018 2979.23 TT 987.92 SMOH Changed oil with 5 qts. Aeroshell 100 W Plus.
				 Sally Sega 002533218

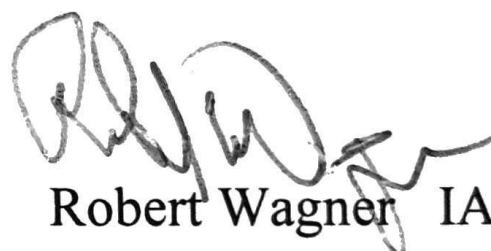
YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N28712 August 26, 2018 2982.33 TT 991.02 SMOH Cleaned and rotated plugs. Checked mag timing. Inspected K & B air filter. Replaced oil filter with Champion CH 48108. Cut open oil filter and inspected. Added 2 quarts Aeroshell 100 W Plus.
				Checked compression: 1)75/80 2)79/80 3)74/80 4)78/80.
				I certify that this engine and propeller have been inspected IAW an annual inspection and were determined to be in airworth condition.
				100 HR
				 Robert Wagner IA 2686217

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N28712 December 29, 2018 2984.65 TT 993.34 SMOH Changed oil with 6 qts. Aeroshell 80 W Plus. <div style="text-align: center;">  Sally Sega 002533218 </div>
				N28712 May 27, 2019 2986.87 TT 995.56 SMOH Changed oil with 6 qts. Aeroshell 100 W Plus. <div style="text-align: center;">  Sally Sega 002533218 </div>

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N28712 September 16, 2019 2993.45 TT 1002.14 SMOH Cleaned and rotated plugs. Adjusted right mag timing. Replaced oil filter with Champion CH48108. Cut open filter and inspected. Changed oil with 7 qts. Aeroshell 80W Plus and added 11 oz. CamGuard.
				Checked compression: 1)79/80 2)79/80 3)78/80 4)78/80.
				I certify that this engine and propeller have been inspected IAW a 100 hr. inspection and were determined to be in airworth condition.
				 Robert Wagner IA 2686217

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N28712 May 23, 2020 3001.90 TT 1010.59 SMOH Changed oil with 6 qts. Aeroshell 100 W Plus. Added 9 oz. CamGuard. Sally Sega Sally Sega 002533218
				N28712 November 11, 2020 3012.69 TT 1021.38 SMOH Replaced left mag with SureFly Model No. SIM4P revision IR Serial No. 4P-0919008 as per STC SE04349CH using Installation Instructions Doc. No. SF1001 Rev. B dated 7/26/2018 and Instructions for Continued Airworthiness Doc. No. SF1005 Rev. IR dated 9/26/2018 and is placed in aircraft permanent records. Removed tachometer sensor from left mag and installed on right mag. W&B negligible.
				Robert Wagner IA 2686217

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				N28712 May 16, 2021 3019.8 TT 1028.5 SMOH
				Changed oil with 6 qt. Aeroshell 100 W Plus.
				<i>Sally Segal</i> Sally Segal 002533218
				N28712 November 3, 2021 3044.50 TT 1053.2 SMOH
				Changed oil with 6 qt. Aeroshell 80 W Plus and added 12 oz. Camguard.
				<i>Sally Segal</i> Sally Segal 002533218

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				N28712 April 1, 2022 3049.83 TT 1058.49 SMOH Cleaned and rotated plugs. Replaced oil filter with Champion CH48108. Cut open filter and inspected. Added 1 quart Aeroshell 80W Plus.
				Checked compression: 1)76/80 2)79/80 3)78/80 4)72/80.
				I certify that this engine and propeller have been inspected IAW a 100 hr. inspection and were determined to be in airworth condition.
				 Robert Wagner IA 2686217

[illegible]