

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 2994P

Engine Manufacturer Lycoming

Model IO-360-A1B6

Serial No. L-19973-51A

Date installed on aircraft 4-13-2010

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| ☐ Right | ☐ Left |
| ☐ Front | ☐ Rear |



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.

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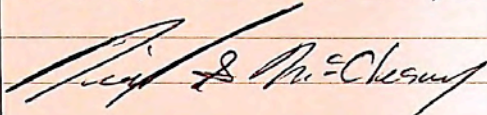
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85

995

 The Standard
ENGINE LOG

1952

DATE 2018	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 Technician or Repair Facility. (See back pages for other specific entries.)
11-16-18	3136.8		1329.7	Changed Engine Oil ASW100 7qt AND Engine Oil Filter 48110-2. Opened Oil Filter For Inspection - Normal. Cleaned & Rotated Spark plug. C.A. AD 2011-76-01 Fuel inj. line Clamping O.K. Compression #1 69/90 #3 64/90 #2 64/90 #4 67/90 I. Certify that this Engine HAS been inspected 1/14/19 AND ANNUAL inspection AND determined to be in Airworthy Condition. — Charles E. Hume AP19910621A
DATE 2019	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 Technician or Repair Facility. (See back pages for other specific entries.)
8-27-19	3160.0			Changed Engine Oil ASW100 7qt And Engine Oil Filter 48110-2. Opened oil filter For Inspection - Normal - clean Performed ops check and leak. All Found to be Satisfactory. —  & Mr. Chesney A+B 3260309
4-13-2020			3166.7	New Log Book by Zephyr Engine Charles E. Hume AP1991062

N2994P
S/N 956, Lake LA4/200
ENGINE Make/Model: Lycoming IO-360-A1B6

Tach: 3021.8 AFTT: 3021.8
8 Oct 2016
S/N: L-19973-51A

Compression: #1-74, #2-69, #3-70, and #4-74.

Amphibians Plus LLC 863-534-8025

Harry Shannon
Harry Shannon A&P 1713252

5/04/17	3,054.4	1247.3	Drained oil, serviced with 7 quarts AeroShell 100W Plus. Changed engine oil Filter CH48110-1. Opened oil filter for inspection, element was normal.
10-2-17	3090.2	1243.1	Drained Eng. OIL. Service with AeroShell W100 9qt. Changed oil Filter CH48110-1 and opened for inspection O.K. Cleaned SPARK plugs. C/W AD 3011-16-04 Fuel Inj. line CLAMPING COMPRESSION CK #168, #371, #2 to #4 7490. Cleaned CRANKCASE BREATHER OIL SEPARATOR. CHANGED CRACKER

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
10-2-17	3090.2		1243.1	AA INTAKE FILTER BATHOS. I CERTIFY that this ENGINE HAS BEEN INSPECTED 1/AFW AN ANNUAL INSPECTION AND determined to be in AIRWORTHY condition Check & Review AP 19910621A

Aircraft Maintenance Specialist, Inc.

PLATINUM



02/14/18

N2994P

IO-360-A1B (6)

S/N L19973

Tach 110.5

"ENGINE LOG ENTRY"

Drained oil and replaced it with 8 Qts of AeroShell W100 oil. Removed oil filter, cut open filter and found no contaminants. Installed a new CH48110-1 filter. Ground ran engine with no faults noted.

R. Waller

A&P3082871

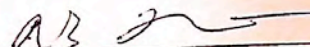
DATE
19N2994P
S/N 956, Lake LA4/200
ENGINE Make/Model: Lycoming IO-360-A1B624 Sept 2015
S/N: L-19973-51A

Compression: #1-69E, #2-72, #3-62R, and #4-74.
Drain oil. Remove, cut, inspect & install new oil filter. Service with 7 qts. Shell 100W Plus oil.
Service spark plugs. Check mag timing. Comply with **AD2011-26-04**, Fuel injector lines & clamps; by inspection, **due next 100 hr/annual inspection or line service**


Christopher Shannon A&P 3284332

Amphibians Plus LLC 863-534-8025 -

DATE: ~~27 Dec 2014~~ **24 SEPT 2015** TACH/AFTT: **2887.3** EngTT: **2887.3** EngTTSMOH: ~~1090.0~~ **1030.2**
I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an **AIRWORTHY** condition.


R.B. Mount A&P 261638920 IA

Amphibians Plus LLC 863-534-8025

N2994P
S/N 956, Lake LA4/200
ENGINE Make/Model: Lycoming IO-360-A1B6Tach: 2932.1 AFTT: 2932.1
16 Dec 2015
S/N: L-19973-51A

Compression: #1-74, #2-72, #3-64R, and #4-74.
Drain oil. Remove, cut, inspect & install new CH48110-1 oil filter. Service with 7 qts. Shell 100W Plus oil.


RB Mount A&P 261638920

Amphibians Plus LLC 863-534-8025

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE SMOH	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.)
2016				
29 May	2977.2		1170.1	Drain Oil. Remove, Cut, inspect & Install new CH48110-1 Oil Filter. Service with 7 qts. SHELL 100W Plus Oil.
10-1-2016	3041.5		1214.4	DRAINED OIL, Serviced with 7qt ACRO SHELL 100W plus OIL. CHANGED Eng OIL FILTER CH48110-1, Opened OIL CAN FOR INSPECTION. ELEMENT WAS NORMAL. Cleaned and Rotated SPARK plugs. Checked MAG TIMING. C/w AD 2011-26-04 Fuel inj Lines and clamps. CHANGED CRACKETT AIR FILTER BA-7305. COMPRESSION H1 7/8 3 6/8 2 7/8 H 7/8. CHANGED VAC PUMP Rapco RAP210CC. Ground Run-up NORMAL. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION Charles C. Hannon AP1991062 IA

DATE
19

N2994P
S/N 956, Lake LA4/200
ENGINE Make/Model: Lycoming IO-360-A1B6

Tach: 2793.8 AFTT: 2793.8
16 Mar 2012
S/N: L-19973-51A

Compression: #1-74, #2-76, #3-67, and #4-76.
Drain oil. Remove, cut, inspect & install new oil filter. Service with 7 qts. Shell 100W oil. Service spark plugs. Found #1 cylinder lower plug unsatisfactory, ceramic was cracked, replace plug with new RHM38E plug. Check mag timing. Found RH mag retarded 2°, retune to specs. Comply with Lycoming Service Bulletin 518C, Thermocouple Bypass Valve; N/A by thermocouple p/n. Comply with **AD2011-26-04**, Fuel injector lines & clamps; by inspection, **due next 100 hr /annual inspection or line service**

Amphibians Plus LLC 863-534-8025

Harry Shannon
Harry Shannon A&P 1713252

DATE: **16 Mar 2012** TACH/AFTT: **2793.8** EngTT: **2793.8** EngTTSMOH: **996.5** **986.7** (PW)
I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an **AIRWORTHY** condition.

Amphibians Plus LLC 863-534-8025

Harry Shannon
Harry Shannon A&P 1713252 IA

LOG ENTRY

N 2994P MODEL LA-4-200 SN- 956 DATE 12-06-2012

Removed and Reinstalled EGT indicator pn-EGT 701-4C sn-33361, ops check normal. Repaired by J.P Instrument wo# RMA37791.

Complied by: Javier Reyes A & P 2812419

Javier Reyes

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2013			5-M-04	
NOV 5 2013	2850.00		1052.7	AIRCRAFT REG#: N2994P ENGINE ACTT: 2850.00 MODEL#: LA4/200 T.T. 2850.00 SN: 956 S.M.O.H. 1052.7 1042.9
COMPRESSION CHECKS				Hobbs: 2850.00 Date: NOV 5 2013 (PW)
#1	77/80			I certify that this aircraft has been inspected in accordance with ANNUAL inspection and was determined to be in an airworthy condition. All A.D.'s to date have been complied with thru issue 2013 - # 22 . See WO# AK01 for details.
#2	7580			
#3	7580			
#4	78/80			Signature <i>JA</i> IA 280804

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under **Service Order No. 57053 Dated 4/15/10**

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
A.D. SUMMARY TO 2010-07 CHECKED.
OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: John H. Marshall
FOR REPAIR STATION B2ER144J
TOTAL TIME: 2717.6 TACH: 2717.6 SMOH 910.3
DATE OF INSPECTION: 4/15/10

8/2/10 2739.3 (1W) 932.2
N2944P S/N 956 - DRAINER OIL
REMOVED AND REPLACED OIL FILTER
2448110. SERVICED W/7
QUANTS OF AEROSHELL 100
Kurt Kling

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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 Technician or Repair Facility. (See back pages for other specific entries.)
				N2994P Tach; 2655.6 Engine TT; 2655.6 SMOH; 848.7 ENGINE Inspect oil filter of previous oil change. Comply with AD99-24-10 Standby Vacuum System per para (b)(1) and (b)(2). Comply with AD2008-14-07 prevent failure of fuel injector lines IAW SB 342E Diagram #3. Retime left and right magnetos to 20 degrees BTC. Replace induction air filter P/N BA-7305. Clean fuel injectors. Compression Test: 1)76 2)77 3)72 4)75 The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under Service Order No. 56586 Dated 4/9/09 <u>Bill L. Boshart</u> FAA Approved Repair Station No. B2ER144J Boshart Enterprises and Aircraft Services, Inc. Genesee County Airport Batavia, N.Y. 14020
05/06/09	2655.6 2676.1		860.0	N2994P S/N 956 DRAINED OIL AND REMOVED & INSTALLED NEW CH48110 OIL FILTER. SERVICED w/ 7 QUARTS OF AEROSHELL 100 OIL. <u>Kathy L. Lindsey</u>
10/26/09	7708.2		891.1	N2994P S/N 956 DRAINED OIL AND REMOVED OLD AND INSTALLED NEW CH48110 OIL FILTER. SERVICED w/ 7 QUARTS OF AEROSHELL 100 OIL. <u>Kathy L. Lindsey</u>

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 2007				
10/14/07	2594.3		787.1	N2994A S/N 956 DRAINED OIL, REMOVED AND INSTALLED NEW CH 48110 OIL FILTER. SERVICED W/ 7 QUARTS OF AEROSHELL 100 OIL AND CAMGUARD <i>[Signature]</i>
4/08/08	2603.2	/	2603.2	DRAINED ENGINE OIL, Removed Oil Filter and Inspected
SMOLT	796.3			Installed New Champion Oil Filter PINCHUS110-1 and 7qts of AEROSHELL- W/100. Installed New Engine Air Filter PIN BA-7305. Chw AS 2002-26-01 LYCOMING FUEL Injection Lines Per SB 342E Page NO. 7. Checked magneto Timing. Cleaned gapped and Tested spark plugs - compression check Readings ① 72 ② 75 ③ 72 ④ 76 <i>[Signature]</i> CRS# B2ER1445
				<i>[Large X mark across bottom section]</i>

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				I CERTIFY THAT THE ENGINE _____ HAS BEEN INSPECTED IN ACCORDANCE W/A <u>ANNUAL</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>2008-05</u> CHECKED OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STA B2ER144J TOTAL TIME <u>2603.2</u> TACH <u>2603.2</u> DATE OF INSPECTION <u>4/8/08</u> SMO# <u>796.3</u>
8/15/08	2628.3		812.2	N2994N S/N 956 DRAINED OIL, REMOVED & INSTALLED NEW CH48110 OIL FILTER. SERVICED W/ 7 QUARTS OF AEROSHELL 100 OIL AND CAMGUARD <u>[Signature]</u>
11/17/08	2651.4		835.3	N2994N S/N 956 DRAINED OIL, REMOVED & INSTALLED NEW CH48110 OIL FILTER. SERVICED W/ 7 QUARTS OF AEROSHELL 100 OIL <u>[Signature]</u>

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 Technician or Repair Facility. (See back pages for other specific entries.)
10 2006 2007				
7/24/06	2502.1		695.2	N2994P S/N 956 DRAINED OIL, REMOVED AND INSTALLED NEW CH48110 OIL FILTER. SERVICED WITH 7 QUARTS OF AEROSHELL 100 AND CAMGUARD <i>Robert L. Morrell</i> 2962385 CHIMEI
3/26/07	2514.8		2514.8	DRAINED ENGINE OIL, REMOVED OIL FILTER and Inspected
Smolt	707.9			Installed New Champion Oil Filter P/N CH48110-1 and 7qts of Aeroshell 100. Installed New Oil Sump Drain P/N CCB-37000. Installed New Gasket Seal To Vacuum pump Housing P/N 06A19956. Installed New Engine Air Filter P/N BA 7305. Cleaned Both Fuel Screens and Fuel Injection Nozzles. Installed New Intake gasket #3 cylinder. C/w AD 2002-26-01 Lycoming Fuel Line Inspection per SB 342E page #7. Compression check, Readings 172 176 176 178 END <i>Robert L. Morrell</i> CRS # B2ER144J

OVER

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 Technician or Repair Facility. (See back pages for other specific entries.)
19				
				I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE W/A <u>ANNUAL</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>2007-06</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <i>Robert L. Morrell</i> FOR REPAIR STA B2ER144J TOTAL TIME <u>2514.8</u> TACH <u>2514.8</u> DATE OF INSPECTION <u>3/26/07</u> Smolt 707.9
6/30/07	2535.1		738.2	N2994P S/N 956 DRAINED OIL, REMOVED AND INSTALLED NEW CH48110 OIL FILTER. SERVICED W/ 7 QUARTS OF AEROSHELL 100 AND CAMGUARD <i>Robert L. Morrell</i>
8/29/07	2562.4		767.5	N2994P S/N 956 DRAINED OIL, REMOVED AND INSTALLED NEW CH48110 OIL FILTER. SERVICED WITH 7 QUARTS OF AEROSHELL 100 AND CAMGUARD

DATE 2005 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 Technician or Repair Facility. (See back pages for other specific entries.)
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Lake model LA-4-200 N2994P S/N 956

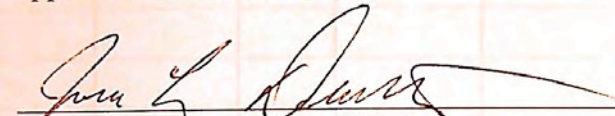
Airframe Maintenance Record

October 04, 2005

Aircraft Total Time 2440.7

Aircraft Total Landings _____

Removed and replaced the propeller governor control arm "O" ring. Ground checked for leaks and none were found. Propeller governor operates normally. This aircraft is approved for return to service.


John L. Denton A&P 1693951

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 Technician or Repair Facility. (See back pages for other specific entries.)
10-29-05		2441.7		INSTALLED SERVICEABLE MAGS THAT WERE PREVIOUSLY REMOVED TO HAVE POINTS INSTALLED. Timed mags to 20° BTDC. Ground checked good. Flight checked good. John L. Denton A&P 1693951

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 Technician or Repair Facility. (See back pages for other specific entries.)
3005				
4/2/05	2392.8		585.9	N2994P S/N 956 DRAINED OIL, REMOVED AND INSTALLED NEW CH48110 OIL FILTER - SERVICED W/ 7 QUARTS OF AEROSHELL 100 <i>Keith J. Lindsey</i> 2962385 CFII/MEI
8/6/05	2422.9		616.0	N2994P S/N 956 DRAINED OIL, REMOVED AND INSTALLED NEW CH48110 OIL FILTER - SERVICED WITH 7 QUARTS OF AEROSHELL 100 <i>Keith J. Lindsey</i> 2962385 CFII/MEI

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 Technician or Repair Facility. (See back pages for other specific entries.)
18005				

Lake model LA-4-200 N2994P S/N 956
Airframe Maintenance Record
September 3, 2005

Aircraft Total Time 2432.6

Aircraft Total Landings N/A

Removed and replaced the engine drive fuel pump P/N LW-15473 S/N 3004. Ground checked pump for leaks and none were found. Ground checked engine for performance and found performance good. This aircraft is approved for return to service.

John L. Denton
 John L. Denton A&P 1693951

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 Technician or Repair Facility. (See back pages for other specific entries.)
2804				
1/22/04	2291.5		484.3	Drain oil, inspect filter (no contamination found), service with 70TS Aeroshell 100 plus. Install new REM-3SE spark plugs. C/W AD2002-26 on becoming steel fuel line inspection IAW 383420 Compression: ① 76 ② 77 ③ 75 ④ 76 ⑤ 78 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>04-01</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>484.3</u> TACH <u>2291.5</u> DATE OF INSPECTION <u>1/22/04</u>
2/19/04	2315.9		508.7	N2994P S/N 956 - DRAINED OIL, REMOVED & INSTALLED NEW CH 48110 OIL FILTER. SERVICED W/ 7 QUARTS OF AEROSHELL 100 PLUS. <u>[Signature]</u> 2962385CFHMEI

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 Technician or Repair Facility. (See back pages for other specific entries.)
2804				
2/25/04	2348.0		540.8	N2994P S/N 956 - DRAINED OIL, REMOVED & INSTALLED NEW CH 48110 OIL FILTER. SERVICED W/ 7 QUARTS OF AEROSHELL 100. <u>[Signature]</u> 2962385CFHMEI
11/16/04	2378.8		571.6	N2994P S/N 956 - DRAINED OIL, REMOVED & INSTALLED NEW CH 48110 OIL FILTER. SERVICED W/ 7 QUARTS OF AEROSHELL 80. <u>[Signature]</u> 2962385CFHMEI
2/11/05	2385.2		578.3	INSPECTION & REPLACE OIL FILTER CH 48110 CLEAN, CAP & INSPECTION SPARK PLUGS C/W AD2002-26-01 L.Y.C. STEEL FUEL LINE INSP IAW 383420 Compression ① 77 ② 76 ③ 77 ④ 75 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>05-01</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>2348</u> TACH <u>578.3</u> DATE OF INSPECTION <u>2/11/05</u>

corrected date of insp

2/11/05 B Pasco

AD2002259 © 1991 ASA

DATE 1903	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE TSMOH	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.)
1/13/03	2175.8		368.6	CLEANED, GAPPED & TESTED SPARK PLUGS, CHECKED MAG. TIMING C/W AD 2002-26-01 INSP. OF STEEL FUEL LINES CHANGED OIL & INSP OIL FILTER ADDED 7QT AEROSHELL 100 ^(PLUS) SPECIAL FILTER # CH 48 110 ENG COMP READS (1) 72 (2) 77 (3) 72 (4) 77 I HEREBY CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE W/A ANNUAL TYPE INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 02-25 C/W AD. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>Darryl Pasco</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>2175.8</u> TACH <u>2175.8</u> DATE OF INSPECTION <u>1/13/03</u>

DATE 1903	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE TSMOH	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.)
03/01/03	2205.4		398.2	N2994P S/N 956 ENGINE - LYCOMING IO 360-A1B6 DRAINED OIL, REMOVED & INSTALLED NEW CH48110 OIL FILTER SERVICED WITH 7 QUARTS OF AEROSHELL 100W PLUS <u>Kenneth J. Lindley 79506689CFI/MEI</u>
07/26/03	2236.4		429.2	N2994P S/N 956 ENGINE - LYCOMING IO 360-A1B6 DRAINED OIL, REMOVED & INSTALLED NEW CH48110 OIL FILTER. SERVICED WITH 7 QUARTS OF AEROSHELL 100W & CAM GUARD <u>Kenneth J. Lindley 2962385CFI/MEI</u>
09/24/03	2263.2		456.0	N2994P S/N 956 ENGINE - LYCOMING IO 360-A1B6 DRAINED OIL, REMOVED & INSTALLED NEW CH48110 OIL FILTER. SERVICED WITH 7 QUARTS OF AEROSHELL 100W AND CAM GUARD <u>Kenneth J. Lindley 2962385CFI/MEI</u>

DATE 2002 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 Technician or Repair Facility. (See back pages for other specific entries.)
5/5/02			2058.6	REMOVED & INSTALLED VACUUM PUMP P/N 215CC, S/N C03811 w/ NEW START WASHERS. OPS. OK. RETURN TO SERVICE - OK. <i>Madu W</i> DP68507837
06/02/02	2087.5		2087.5	N2994P S/N 956 ENGINE - LYCOMING IO360-A1B6 ENGINE TSMOH 280.33 DRAIN OIL, REMOVE & INSTALL NEW CH48110 OIL FILTER. SERVICE WITH 7 QUARTS OF AEROSHELL 100W <i>Kenneth J. Lindsay 79506689CFIIME1</i>
08/14/02	2117.4		2117.4	N2994P S/N 956 ENGINE - LYCOMING IO360-A1B6 ENGINE TSMOH 310.23 DRAIN OIL, REMOVE & INSTALL NEW CH48110 OIL FILTER SERVICE WITH 7 QUARTS OF AEROSHELL 100W <i>Kenneth J. Lindsay 79506689CFIIME1</i>

DATE 2002 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 Technician or Repair Facility. (See back pages for other specific entries.)
09/17/02	2144.6		2144.6	N2994P S/N 956 ENGINE - LYCOMING IO360-A1B6 ENGINE TSMOH 337.43 DRAIN OIL, REMOVE & INSTALL NEW CH48110 OIL FILTER SERVICE WITH 7 QUARTS OF AEROSHELL 100W PLUS <i>Kenneth J. Lindsay 79506689CFIIME1</i>

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 Technician or Repair Facility. (See back pages for other specific entries.)
2001				

N2994P
SN956

MAKE/MODEL Lycoming IO360-A1B6

TACH 2008.6
24 May 2001

SERIAL NUMBER L-19973-51A

Drain oil. Remove, cut, inspect & install new CH48110 oil filter. Service with 7 qts. Shell 100W Plus.

Harry Shannon
Harry Shannon, A&P 1713252

N2994P SN956

ENGINE - LYCOMING IO360-A1B6

ENG TSMOH 230.93

DRAIN OIL, REMOVE + INSTALL NEW CH48110 OIL FILTER. SERVICE WITH 7 QUARTS OF SHELL 100W PLUS

James J. Lindsay 79506689 CFII MEI 01/02

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 Technician or Repair Facility. (See back pages for other specific entries.)
2002				
2/8/02	2060.0	SMOH TI;	252.83 2060.0	Drain oil, remove + inspect filter. Install new CH48110 and 7 qts 100W Shell oil. Clean, gap + rotate spark plugs. Remove + clean fuel nozzles. c/w 1093-02-05 by inspection i/s/w SB342B Check magneto timing Replace induction air filter. Cone seats; ① 75/80 ② 73/80 ③ 76/80 ④ 74/80
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE W/A <u>Annual</u> TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>02-02</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>Jeffrey M. Bostant</u> FOR REPAIR STA/B2ER144J TOTAL TIME _____ TACH <u>2060.0</u> DATE OF INSPECTION _____

YEAR: 2000	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.)
DATE 12 OCT 1975.5				OIL & FILTER CHANGED. ADDED 8 QTS W100.
				AMO-195-92 "The maintenance described above has been performed in accordance with the applicable standards of airworthiness on condition of a satisfactory test flight. Signature: [Signature] Date: 12 OCT / 00

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 Technician or Repair Facility. (See back pages for other specific entries.)
2021				

N2994P
SN956

TACH 1990.2
21 Jan 2001

MAKE/MODEL Lycoming IO360-A1B6

SERIAL NUMBER L-19973-51A

Compression: #1 77, #2 76, #3 77, and #4 78.
Drain oil. Remove, cut, inspect & install new CH48110 oil filter. Service with 7
qts. Shell 100W Plus. Service plugs. Check mag timing. Remove fuel injector noz-
zles, soak to clean & reinstall. Comply with AD93-02-05 Fuel injector lines; by
inspection; due next 100 hr./annual inspection or line service.

Harry Shannon, A&P 1713252

DATE 21 Jan 2001 TACH/ACTT 1990.2 EngTSMOH 183.03
I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an AIRWORTHY condition.

WORTHY condition
Harry Shannon
 Harry Shannon, A&P 1713252 IA

DATE

SN956

TACH 1835.03

10 APR 1999

1999

MAKE/MODEL Lycoming IO360-A1B6SERIAL NUMBER L-19973-51A

rations

ber of
entries.)

Drain oil. Remove, cut, inspect & install new CH48110 oil filter. Service with 7 qts. Shell 100M mineral oil.

Harry Shannon
Harry Shannon, A&P 1713252

TACH

TSMH

9/8/99

1885.5

78.3

DRAINED ENG. OIL & REPLACED OIL FILTER

ADDED 7 qts AERO-SHELL 100W & INSTALLED

FILTER CH-48-110 & INSPECTED OLD OIL FILTER

Harry Shannon
A&P 2001289

N2994P
SN956

TACH 1920.5
11 Jan 2000

MAKE/MODEL Lycoming IO360-A1B6SERIAL NUMBER L-19973-51ACompression: #1 73, #2 71, #3 71, and #4 73.

Drain oil. Remove, cut, inspect & install new CH48110 oil filter. Service with 7 qts. Shell 100W Plus. Service plugs. Check mag timing. Remove prop governor & reinstall after reseal by Aviation Propellers, Inc. Reroute plug wires & adele clamps as required to prevent plug wires from chaffing. Remove fuel injector nozzles, soak to clean & reinstall. Comply with AD93-02-05 Fuel injector lines; by inspection; due next 100 hr./annual inspection or line service.

Harry Shannon
Harry Shannon, A&P 1713252

DATE 11 Jan 2000 TACH/ACTT 1920.5 EngTSMOH 113.33

I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an AIRWORTHY condition.

Harry Shannon
Harry Shannon, A&P 1713252 IA

DATE 19 <u>98</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 Technician or Repair Facility. (See back pages for other specific entries.)
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This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Zephyr Aircraft Engines, 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. No. 98097

DATED 5/29/98

MFG. TEXTRON LYCOMING

MODEL IO-360-A1B6

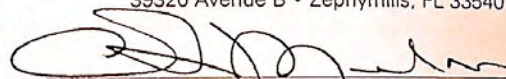
Serial No. L-19973-S1A

Time in svc. 1807.17

ZEPHYR
Aircraft
ENGINES INC.

F.A.A. APPROVED REPAIR STATION #VI4R597M

(813) 788-3305 • Fax (813) 788-4412
39320 Avenue B • Zephyrhills, FL 33540


Authorized Signature

DATE 19 <u>98</u>	N2994P SN956 MAKE/MODEL <u>Lycoming IO360-A1B6</u> SERIAL NUMBER <u>L-19973-S1A</u>	A/F TACH <u>1807.17</u> 19 Nov 1998
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Remove Lycoming IO-360-A1B engine & reinstall after overhaul & mod by Zephyr Aircraft Engines, Inc. FAA CRS #VI4R597M, on W.O. No. 98097, dated 5/29/98, to IO-360-A1B6 per 337 this date. Note: S.N. remained the same. Install all new hoses. Remove propeller & reinstall after overhaul by Aviation Propellers, Inc. FAA CRS # ME4R359M on W.O. No. 10256A dated 5/11/98. Remove propeller governor S/N7343M & install S/N D237WJ after overhaul by Aviation Propellers, Inc. FAA CRS # ME4R359M on W.O. No. 6514G dated 8/13/98. Remove oil cooler & reinstall after overhaul by United Accessory, FAA CRS # TE1R503K on W.O. No. 12660 dated 5/7/98. Comply with AD93-02-05 Fuel injector lines: by inspection; due next 100 hr./annual inspection or line service. AD98-17-11 Lycoming engines with crankshafts repaired by Nelson Balancing Service; N/A crankshaft O/H-repaired by Aircraft Specialties Services, FAA CRS # DD2R764K on W.O. No. 88925, dated 4/3/97. Install Reiff engine pre-heat. Replace alternator wires due to chaffing. Install missing shield for alternator output wire. AD98-18-12 Lycoming engines with Crane-Lear Romeo fuel pumps; N/A by equipment installed.


Harry Shannon, A&P 1713252

N2994P
SN956

A/F TACH 1807.17
19 Nov 1998

DATE 19 Nov 1998 TACH/ACTT 1807.17 EngTSMOH 0.0
I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an AIRWORTHY condition.


Harry Shannon, A&P 1713252 IA

tions
er of
tries.)

Engine Record General Information

Manufacturer Lycoming Model IO-360-A1B6

Serial L-19973-S1A Type Certificate _____

This engine is currently installed in aircraft: LAKE LA4/200

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 2000 hours

Engine TT @ O/H 1807.17

O/H 5/29/98

INSTALLED 11/19/98

LAKE AIRCRAFT
LAKE LA-4-200

S/N 956
N2994P

ENGINE LOG
EL-13P

INSPECTION & MAINTENANCE

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE _____

TOTAL
TIME

4795

1507.17

Engine IO-360 AIB 9M14973-51A removed
for Overhaul. Newy Shanno
A8P1713252

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

I CERTIFY THAT THIS 100-100
 HAS BEEN INSPECTED IN ACCORDANCE W/A
Normal TYPE INSPECTION AND
 WAS DETERMINED TO BE IN AIRWORTHY
 CONDITION. A.D. SUMMARY TO 97-19
 CHECKED. OPERATIONAL CHECK SATISFACTORY.
 SIGNATURE [Signature]
 FOR REPAIR STA/ECR144J
 TOTAL TIME 1747.9 TACH 1747.9
 DATE OF INSPECTION 10-3-97

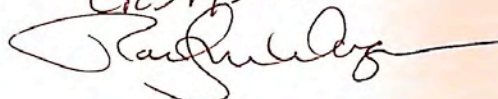
Bay Air Flying Service, Inc. N2994P Date: 12/09/97
 Work Order 3159 Tach: 1790.8
 Engine Total Time: unk S.M.O.H. unk

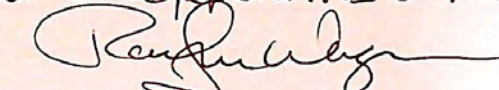
Performed engine runup, drained engine oil, replaced car-
 tridge type oil filter with new then added 8 quarts Aeroshell
 100W. Cleaned engine, performed engine runup to leak
 check oil system, no leaks were noted. Aircraft returned to
 service.

Signature

[Signature]

A&P 263879732

INSPECTION & MAINTENANCE RECORD	
DATE	TOTAL TIME
INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
Corporate Wings 1265 Scottsville Road • Rochester, New York 14624 CRS #VY2R257L <u>N 2994P SN 956</u>	
24 MAR 97 HOBBS 496.4 OIL AND FILTER CHANGE COMPLETED. 8 QUARTS OF AEROSHELL 40W AD ADDED TO ENGINE. INSTALLED NEW CH 48110 OIL FILTER. INSPECTED OLD FILTER FOR METAL, FOUND NONE. GROUND OPERATIONAL LEAK CHECK COMPLETED, NO LEAKS NOTED. WORK COMPLETED UNDER CORPORATE WINGS WO# R0811 CRS #VY2R257L 	

INSPECTION & MAINTENANCE RECORD	
DATE	TOTAL TIME
INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
Corporate Wings 1265 Scottsville Road • Rochester, New York 14624 CRS #VY2R257L <u>N 2994P SN 956</u>	
30 MAY 97 T.T. 1699.5 ENGINE OIL AND FILTER CHANGE COM- PLETED. ADDED 8 QUARTS OF AEROSHELL 50W AD OIL. INSTALLED NEW CH 48110 OIL FILTER, INSPECTED OLD FILTER FOR METAL AND FOUND NONE. GROUND OPERATIONAL LEAK CHECK COMPLETED, NO LEAKS NOTED. WORK COMPLETED UNDER CORPORATE WINGS WO# R1023 	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-17-96	1563.8 TAT	1563.8 Tach N2994P
Performed Annual Inspection in accordance with Lake's inspection form. C/W AD93-02-05 fuel inj. line insp. Replaced induction air filter, cowl door seals, and #'s 1 to 3 baffle wire. Cleaned, gapped, tested, & rotated plugs. Cyl Comp: 1) 74/80, 2) 73/80, 3) 7480, 4) 74/80. Washed engine. Retimed both mags to specs. Adjusted idle speed & mixture to specs. Aircraft was ground run engine leak checked. Ops check good. All work was done I.A.W. mfg's specs. I certify that this Engine has been inspected I.A.W. an ANNUAL inspection and was found to be in an Airworthy condition. <i>Paul Bateman</i> W.O. # 3130 FAA Repair Station #RW5R186N 		
10/26 10/30/96	Tach 1594.5	Changed oil and Filter. Installed new CH48110 Filter and 8qts Aeroshell w100 oil. Adjusted alternator belt tension. Post maintenance run-up satisfactory. <i>Wam A. G.</i> CRS B2ER144J

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
N2994P SN956 MAKE/MODEL Lycoming IO360-A1B		TACH 1635.4 21 Feb 1997 SERIAL NUMBER L-19973-51A Remove & replace vacuum pump & vacuum pump gaskets. Ground check for leak. <i>Harry Shannon</i> Harry Shannon, A&P 1713252
N2994P SN956 MAKE/MODEL Lycoming IO360-A1B		TACH 1655.0 07 Mar 1997 SERIAL NUMBER L-19973-51A Remove & replace rubber on oil cooler cowl duct. Replace RH-08 baffle tie. Check engine for oil leaks, tighten "backbone" bolts & prop governor. <i>AS</i> R.S. Mount A&P 261638920

INSPECTION & MAINTENANCE RECORD

TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-6-96	N2994P Tach: 1524.0 SNew
This engine was serviced and inspected IAW the manufactures 100hr. inspection procedures and is approved for return to service. The following was performed.	
1. Oil and filter changed. Serviced with AeroShell 100W. Plugs cleaned, gapped and rotated.	
2. CW AD 94-01-03R2 by installation of new coils in both mags. CW SB 644 Mags "C" marked.	
3. CW AD 93-02-05 by inspection Next Due At 1624tach	
4. CW AD90-04-06R1 by inspection and installation of glamps per SB.	
5. Compression test as follows 1/70, 2/69, 3/65, 4/73	
6. installed new alternator blast tube.	
7. Repaired cowl latch.	
A new AD list was maid and given to the owner.	
AD's Checked to 96-04	
Paul Gundersen A&P 2451836	
Paul D. Gundersen	
Date <u>3-6-96</u> Time <u>1524.0</u> Service <u>1524.0 SNEW</u>	
I Certify That This <u>ENGINE</u> Has Been Inspected	
In Accordance With A <u>ADN 04</u>	
Inspection and was determined to be In Airworthy Condition.	
Signed <u>Paul D. Gundersen</u> Certificate No. <u>A&P 2451836 IA</u>	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-26-96	1524.16	INSTALLED ALTERNATOR AFTER THE FOLLOWING REPAIRS WERE MADE. NEW PARTS INSTALLED AS FOLLOWS 1) STATOR 2) FRONT & REAR BEARINGS 3) ALL NEW DIODES & DIODE BLOCK 4) BRUSH ASSEMBLY. ALTERNATOR WAS BENL TESTED AND FOUND TO FUNCTION PER MANUFACTURER SPECIFICATIONS. THIS ENGINE IS APPROVED FOR RETURN TO SERVICE. Paul D. Gundersen A&P 2451836 IA
8-7-96	1555.1	Drain oil, inspect filter, install new Ch48110 and 8QT W100 Shell oil. Comp test; ① 72/80 ② 76/80 ③ 71/80 ④ 75/80 Remove & clean injector nozzles. Replace fuel pump drain line. Jeffrey A. Boshart FAA Certified Repair Station B2ER144J

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/8/94	1355.0	INSTALLED NEW THRU-BOLT (#1) #2 CYLINDER TOP RIGHT POSITION. RER #2 CYLINDER TO FACILITATE COMPLETED INSTALLATION WITH ALL NEW SEALS AND GASKETS. TEST FLOW & LEAK CHECKED GOOD. James P. Mortenson 548239938 IA
12/6/94	1390.0	CHANGED OIL & FILTER, CLEANED SUMP SCREEN SERVICED WITH 89ts AVIATION 100. REPLACED OIL COOLER HOSES WITH NEW MANUFACTURED HOSES USING #8 STRAT-O-FLEX. James P. Mortenson Grand Ron FOR LEAK CHECK 548239938 IA
1/10/95	1396.0	PERFORMED COMPRESSION #1-72 #3-72 #2-72 #4-72. REMOVED PLUGS, CLEANED AND TESTED. REMOVED MAGNETOS, INSPECTED, CHECKED POINTS AND IMPULSE COUPLING. C/W 7809072. REPLACED OIL Unit.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		BREATHER HOSES. I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAVE FOUND IT TO BE IN AIRWORTHY CONDITION. James P. Mortenson 548239938 IA
5-18-95	1449.3 TACH	75944 (94640) 85C VERNATHERM REMOVED AND INSPECTED 1AW SB LYCOMING VERNATHERM RE-INSTALLED. OIL AND FILTER CHANGED. ENGINE SERVICED WITH AVIATION 100 W. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. THIS ENGINE IS APPROVED FOR RETURN TO SERVICE. Paul D. and AWP2451936
	1449.3 TTSN	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-2-93	1306	Completed 100 hour inspection, compression test: #1 74/80, #2 76/80, #3 76/80, #4 78/80 Drained oil & serviced with 8 qts AS100W and New CH48110 filter. Removed Both magnetos, Replaced Points, Timed internally, and Re-installed/Timed To engine. (Ch AD 76-12-11) Next Due 1406
		I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Part 43</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>2-2-93</u> TOTAL TIME <u>1306</u> HRS. <u>Paul R. Knapp</u> #549352896
		I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>2-2-93</u> TOTAL TIME <u>1306</u> HRS. <u>[Signature]</u> #AP571159860 IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-29-91	Tach 1057.7	Completed 50 hr Inspu. Drained oil, Removed and inspected oil filter and cleaned, gapped, tested plugs. Serviced with 100W aeroshell oil 8 qts. adjusted mixture control to accomodate cushion. Rick Spurgeon AIP 545-85-9077
3-10-92	Tach 1110	Completed 100 hour inspection. Compression test: #1 75/80, #2 72/80, #3 66/80, #4 74/80 Replaced Prop Governor adaptor Gasket w/new, Replaced Intake Gaskets on #2 & 4 Cylinders w/new. Drained oil Inspected oil screen & serviced w/ 8 qts AS 100W oil and new CH48110 filter. Cleaned, inspected and Rotated Spark plugs. C/W AD # 90-04-06 - R1 By installing New Prop Governor oil line P/N 75167 with steel fittings C/W AD # 76-12-11 Next Due 1210 CERIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATED 3-10-92 TOTAL TIME 1110 HRS Rick Spurgeon AIP 545-85-9077

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-23-92	Tach 1162	Completed 50 hr inspection. Drained oil and Serviced with 8 qts AS 120W and new CH48110 filter. Cleaned, gapped, and tested Spark plugs. Tightened all hose clamps on oil Return lines and Replaced three w/new. Mark Ahlwin AIP #549352896
10-28-92	Tach 1208 ITE 1208	Completed 100 hr. inspection. Compression Test: #1 74/80, #2 76/80, #3 74/80, #4 76/80 Cleaned, Gapped, and Tested Plugs Drained oil and Serviced with 8 qts AS 100W and new CH48110 filter Replaced oil Return lines on #1 and #4 Cylinders with new P/N 72702 and P/N 73027 Tightened Alternator belt C/W AD # 76-12-11 Next Due 1308 CERIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATED 10-28-92 TOTAL TIME 1208 HRS Mark Ahlwin AIP #549352896

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-12-91		Completed Annual Inspection Compression test #1 74/80 #2 76/80 #3 78/80 #4 76/80, Serviced Tach 1011 JT 1011 with Rot Amshell 100w oil, Inspected oil filter, and Screen. Cleaned gapped and tested Spark Plugs. Inspected Air Filter. Checked Magneto timing, Cleaned Fuel Injector Nozzles. Chg AD 96-12-11 fuel filter inspection Next Due 1111 Hrs,
		I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATED 6-12-91 TOTAL TIME 1011 HRS. J. L. Bennett AWP 571159860 Jot

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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2 Nov. 89 Tach: 0820.39 Retired WD# 67470
AD 78-09-07 R3 dated 17 Jan. 83 concerning
impulse coupling inspection was complied with
by replacement of magnet to assy.
~~by replacement of magnet to assy.~~ This AD will
be next due at 1320.39 hrs. Tach Time.
Signed *[Signature]* A&P 57350686



5-4-90 TACH TIME 871.99
Complied With AD 90-04-06 BY INSPECTING GOVERNOR
OIL LINE, END ATTACH FITTINGS AND SUPPORT CLIPS.
SUPPORT CLIPS ARE INSTALLED AS PER FIGURE 1,
APPENDIX TO AD. LINE AND ADJOINING FITTINGS ARE
TO BE REPLACED AT OVERHAUL OR WHEN NEXT REMOVED.
DAVE COLEMAN *[Signature]* A&P 477543640

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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MAY 14/90 890 CHANGED OIL & FILTER - Run Spinner
6-20-90 TACH READS 907.2 HRS. Inspection completed Per LAKE
Forms. OIL & Filter NOT CHANGED AT THIS TIME. Cleaned
& GAPPED PLUGS. Checked MAG to ENGINE TIMING. Re-Timed
L. MAG. Cleaned SERVO SCREEN. ADJUSTED ALT. BELT TENSION.
CLEANED INJECTOR NOZZLES. Checked STARTER & ALT. Checked Comp. -
All cyl. 73/80 or Better. Repaired CRACKED Baffle. Repaired CRACKED
Firewall BRACKET. Washed down & Run up OK.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN
ACCORDANCE WITH A ANNUAL INSPECTION AND
DETERMINED TO BE IN AIRWORTHY CONDITION ON 6-20-90
TACH TIME 907.2 HRS. TOTAL TIME 907.2 HRS.
SIGNED *Mark J. Rousin* IA 1453086

DATE: 7-31-90 CHANGED OIL AND FILTER (CH48110). SERVICED WITH
TACH: 936.49 8 QUARTS AEROSHELL 100W - SAE 50.
Paul S. Kaney A&P 570473609

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-27-88	TACH 631.2 HRS.	ENGINE INSPECTED PER LAKE FORMS. ADJUSTED ALT BELT. Replaced ALT. BLAST HOSE. Replaced VACUUM HOSE. Cleaned & Gapped PLUGS - ADVISED owner to replace PLUGS NEXT 25 HRS. Replaced FUEL FILTER. Changed oil & Filter - ADDED 8 qt. SHELL 100W. Checked SERVO SCREEN. Comp. tested all cyl. 76/80 on better. Replaced BRACKETT AIR FILTER element.
I CERTIFY THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION ON <u>5-27-88</u>		
TACH TIME <u>631.2</u> HRS. TOTAL TIME <u>631.2</u> HRS.		
SIGNED <u>Mark V. Gouin</u> IA 1453386		
7/15/88	650	REPLACED ALL PLUGS WITH NEW ONES
9/24/88	695	CHANGED OIL & FILTER AT CLEAR LAKE - LAKEPORT FLYIN.
5/1/89	744	CHANGED OIL & FILTER AT SAC EXCC.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Air Wise Aviation, Inc.		1. COMPRESSION, FIREWRES INSPECTED
Date <u>2 JUNE 89</u>	W/O <u>11045</u>	2 PLUGS REMOVED, CLEANED GAPPED & TESTED
I certify that this <u>FA9</u> has been <u>annual</u> <u>drain</u> installed.		3 ENG WASHED GROUND PAINT & LK CHECKED OIL
inspected in accordance with a <u>annual</u> inspection and was determined to be in airworthy condition.		
Total Time <u>759</u>	Tach <u>759</u>	AIR-WISE AVIATION, INC.
Mechanic <u>Mark V. Gouin</u>	No. <u>22262224</u>	
7/27/89	779	CHANGED OIL & FILTER
10/15/89	815	CHANGED OIL & FILTER EXAMINED ENGINE THOROUGHLY
2 Nov. 89 Tach: 0820.39 Ratio W/O 67470		
Repaired Lt. Magneto. Installed an overhauled Bendix 54LN-1227, PN 10-349365-9, SN H308945FR.		
See yellow repair tag in back of this logbook.		
S. Gouin As P 573506816		
MAG OVERHAUL BY TCM w/ # 808930-1		
10/28/89		



DATE	TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-28-87	490.0	Cleaned + capped Plugs. Compression tested all cyl 73% or above. Changed Fuel Filter. Checked ALT + STARTER. Adjusted ALT. Delt Tension. Checked all controls for operation + condition + Lubed as Required. Oil + Filter not changed. Washed down + Run up O.K. Replaced Bracket Air Filter.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN
 ACCORDANCE WITH A ANNUAL INSPECTION AND
 DETERMINED TO BE IN AIRWORTHY CONDITION ON 5-28-87
 TACH TIME 490.0 HRS. TOTAL TIME 490.0 HRS.
 SIGNED Mark V. Brown IA 1453886

8-11-87 Tach. 527.62 Ref. Patco W.O. 64377
 Changed oil + filter serviced with shell 50W.
 (CH 48110) AP 529907185



DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12/15/87	550 560 ⁺	Changed oil + Filter CH 48110 + Shell 100-50 WT. Work performed by EED Maintenance
3/12/88	548.00	Change oil + Filter CH 48110 + Shell 100-50 WT. Paul Spencer

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE

TOTAL
TIMEDate: 8-1-86 Total Time 340

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Aircraft Specification and Airworthiness Directives conform.

Harold Morgan, Jr.
Harold Morgan, Jr.
LA 1637345

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE

TOTAL
TIME

10-27-86 TACH: 425.1 N2994P MOD: LA4200

THIS IS A PERMANENT PART OF ENGINE LOG;
DRAINED OIL; CHANGED OIL FILTER AND SERVICED
ENGINE WITH 8 QTS ARBOSHELL 50WT. OIL;
FOR DETAILS REFER TO PATCO WO# 63196

Richard D. Nelson Jr
ACP 562450545



468.20

5-13-87 TACH: 468.20



Changed oil & filter. Cut open filter
& inspected for contaminants. Installed new
2448110 filter & serviced w/ 8 1/2 qts ArcoShell 50W.
SEE PATCO W.O. 63962 for details. C. G. Seelbach

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A General INSPECTION AND HAS BEEN DETERMINED TO BE IN Good CONDITION. HOURS 220.59 DATE March 23, 1985 BY Charles R. Vandeventer

oil change 40W Shift, Filler
compression checked

$\frac{175}{50}$ $\frac{223}{50}$ $\frac{374}{80}$ $\frac{475}{80}$

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

7/5/85	285.3	Change oil and Filter Shell 100 50wt - Oil changed w/ Mike at Sunshine
8-21-85	299.4	Remove # 2 cyl. ground valves + seats clean + inspect cyl + piston. replace piston rings reinstalled with new seals + gaskets run up + check for proper operation # 2 stack repaired by Kneisl's welding. Don Bailey

AP/634383

4-24-86 TACH READS 340.0 HRS. Routine inspection for annual completed this date. CHANGED OIL & FILTER added 8 qts 5W/40 so det. Cleaned & capped plugs. All cyls test 70/80 or above. CHECKED ALT. & Belt Tension. Replaced points in K. Magnets. Checked MAG to ENGINE TIMING. Replaced Breather Hose. Replaced Fuel Filter. Replaced Bracket Air Filter. ENGINE Washed Down & Run up OK. I certify this ENGINE to be Airworthy.

Mark V. Louisa B & P 195386

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
152.3 hr.		Comp. ck #1-74/80 2-74/80 3-71/80 4-73/80 Oil changed, filter changed, added 8qts Shell 100 (SAE50) AD. Repaired broken oil alternator capacitor, Cleaned, gapped, tested, & rotated spark plugs. AD76-12-11 para 2 a, b, c complied with insp, no corrosion, filter not changed at this time - due at 196.3 hrs. on 90 days from this date. AD76-24-02 N/A by Serial number of oil cooler. AD79-21-09 R-1 Bilge pump fuse & holder installed at battery solenoid. Cleared minor discrepancies on file this sta. on W01183

I have inspected this ~~engine~~ engine in accordance with
an ANNUAL inspection and have (~~not~~)
returned it to service as of this date. Pertinent details are
on file at this agency under work order no. 1183
Date 14 AUG 81 Hours 152.3
Tach / Hours 152.3 / 1

Frank L. Glorick Sr.
AUTHORISED INSPECTOR
FAA REP. STA. 162-3

OCEAN AVIATION INC.

ROBERT J. MILLER OCEAN COUNTY AIRPORT

P.O. BOX 726, TOMS RIVER, N. J. 08786

201-341-1135

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-9-83	203	Changed oil & filter. cleaned plugs checked comp. & loped on Rockers covers checked mag timing. milton Lind ADP 1454816 Propeller Overhauled To Compliance AD77-12-06. Prop installed on Aircraft Run up OK. I certify that this ^{Engine} Aircraft has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. DATE <u>5-9-83</u> <u>Ronald L. Gustin</u> 1A1449867 TAC <u>203</u> TOTAL TIME <u>203</u>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-24-80	96.30	
		DATE 6-24-80 T.T. IN SERVICE 96.30
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
		IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND
		WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
		Richard M. J. FA 1537483
		changed oil + filter 8 qts Exxon 50 wt oil
		changed fuel filter
		Installed fresh drain on oil drain
		COMPRESSION ALL 75/80 PS

ENGINE DESCRIPTION

MANUFACTURER LYCOMING MODEL I0-360-A1B
SERIAL NUMBER L-19973-51A DATE OF MANUFACTURE DEC. 19, 1978
RATED BHP 200 RPM 2700 MANIFOLD PRESSURE 30"
FUEL REQUIRED OCTANE/PERFORMANCE 100/130
REGISTERED OWNER R. C. OELWANE
STREET & NO. 955 PARKES RUN LAKE
CITY, STATE, ZIP VILLANOVA PA 19085
REGISTERED OWNER _____
STREET & NO. _____
CITY, STATE, ZIP _____

Sturte Insurance
1042
R6M 386.