

The Standard
 AIRCRAFT LOG

ASA-SA-2

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
 Technician or Repair Facility. (See back page)

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

FLIGHT LINE AVIONICS, INC.
SUPPLEMENTAL LOG BOOK ENTRY

Aircraft Registration # N2994P S/N: 956 Model: LA-4-200

Model: LA-4-200

.....
Performed transponder test and the following listed are found to comply with requirements of FAR 91.413 IAW Appendix F of Part 43.

Transponder Model: KT78 S/N: 2967 Cal. Date: 5/4/2020

Details on file at this Repair Station under Work Order: #12394

Signed:

DUE NEXT: 5/2022

North County Airport
11550 Aviation Blvd. Suite 3
West Palm Beach, FL 33412
(772) 528-4881

CRS F18R921Y

DATE

19 _____

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09/20/19

N2994P

Lake LA-4-200

S/N 956

Tach 162.3

Replaced o-rings in right brake master cylinder and bled brakes. Ops check ok.

"AIRCRAFT LOG ENTRY"

Robert A. P.
A&P324746066

10/24/19				Removal transponder P/N KT-784 S/N 7219 and Installed tested unit P/N KT-784 S/N 2967. Performed operational checks and found to be satisfactory. <i>Robert A. P.</i> A&P 3260309
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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.)
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10/20/20

H-13-1020

3166.7

3166.7

Replaced Fuel Servo Return Flex Hose
MAIN Fuel supply Flex Hose and OIL
Pressure Flex Hose. Replaced 1st
MLG Wheel Bearing & Race R/H I/B.
Replaced H/A AFT Headset Jacks 2ea.
Replaced H/A & R/H MLG Brake Linings
4ea Lubbed Aircraft. Checked Flight
Controls. I certify this Airframe
has been inspected i/a/w with an
Annual inspection and determined to
be in Airworthy Condition APPROPRIATE
Charles E. P.

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		3136.8	Changed H/H M/G Tire 600x6.6ply And inner tube. Lubbed Aircraft Checked Flight Controls. I certify that this Airframe has been inspected w/AN ANNUAL inspection and deter- mined to be in Airworthy condition. Charles E. Wallace - AP19910621A

Aircraft Maintenance Specialist, Inc.



11/02/18 N2994P Lake LA-4-200 S/N 956 Tach 139.6

"AIRCRAFT LOG ENTRY"

- Right main gear down-lock switch broken.
- Removed and replaced switch.
- Cycled gear up and down several cycles with no faults found.

R. Wallace
A&P3082871

DATE 2019	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations Certificate Number of
 AIRCRAFT PAINTING & INTERIOR				
LOG BOOK SUPPLEMENT				
A/C MAKE: Consolidated Aeronautics Inc.		MODEL: Lake LA-4-200 AC REGISTRATION #: N2994P		
Serial #: 956		DATE: 07/29/2019		
G8003 Matterhorn White (Awlgrip)				
G5001 Navy Blue (Awlgrip)				
G5011 Marlin Blue (Awlgrip)				
CUSTOM PAINTED BY: FLEX AERO AIRCRAFT PAINTING & INTERIOR, INC. PHONE: (954) 292-7696				
The aircraft was stripped etched, alodined, primed and painted with the above colors. The flight controls surfaces primary and secondary were removed before painting of aircraft. After painting primary flight controls were checked for balance then both primary and secondary were reinstalled back on aircraft. All work was performed to manufactures manuals and specifications END.				

Signature

Print Name - Gintautas Kazis Smagurauskas

A&P # - 2689017 IA

DATE 2017 10	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.)																		
10-11-17	3,091.5		3,091.5	Sarasota Avionics East Inc. Transponder Work Sheet Repair Station Number: 15ER2848 Work Order Number: 51654 "N" Number: N2994P Customer: JON WALRATH Aircraft Make: LAKE Aircraft Model: LA-4-200 Date: 10/11/17 Customer Discrepancies Reported: Aircraft S/N: 956 ☒ Preliminary Inspection Complied With. ☐ Hidden Damage Inspection Complied With. ☐ N/A Discrepancies Noted: Discovered By: Date Discovered: Corrective Action: Corrected By: Date Corrected: Transponder Information and Tests TRANSPONDER-P/N: 066-1062-01 S/N: 7219 <table border="1"> <tr> <td>Type of Unit: KT76A</td> <td>Manufacturer: BENDIX KING</td> <td>Power Output: 200</td> </tr> <tr> <td>Frequency: 1090</td> <td>Mode A MTL: 71</td> <td>Mode C MTL: 71</td> </tr> <tr> <td>Reply (P1 P2): ☒</td> <td>Reply (P2 db): ☒</td> <td>Check Mode A Codes: ☒</td> </tr> <tr> <td>Check Ident: ☒</td> <td>F1 & F2 (ALT Off): ☒</td> <td></td> </tr> </table> Check Altitude Reporting Altimeter Reads (29.92): -90 Feet Mode C Reads: -100 Feet Encoder Tests <table border="1"> <tr> <td>0 Feet: 0</td> <td>1100 Feet: 1100</td> <td>1800 Feet: 1800</td> </tr> <tr> <td>6800 Feet: 6800</td> <td>14800 Feet: 148000</td> <td></td> </tr> </table> ENCODER- P/N: A30.5 S/N: 142224 This is to certify that the unit described herein meets the requirements of applicable specifications and is suitable for use when installed in a properly functioning aircraft system. Technician: GARRET PISZ Date: 10/11/17 Inspector: GARRET PISZ Certificate Number: 3758434 Date: 10/11/17 Form SA 014 Revision Date: 02/11/13	Type of Unit: KT76A	Manufacturer: BENDIX KING	Power Output: 200	Frequency: 1090	Mode A MTL: 71	Mode C MTL: 71	Reply (P1 P2): ☒	Reply (P2 db): ☒	Check Mode A Codes: ☒	Check Ident: ☒	F1 & F2 (ALT Off): ☒		0 Feet: 0	1100 Feet: 1100	1800 Feet: 1800	6800 Feet: 6800	14800 Feet: 148000	
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Check Ident: ☒	F1 & F2 (ALT Off): ☒																					
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6800 Feet: 6800	14800 Feet: 148000																					

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.)
				Aircraft Maintenance Specialist, Inc. PLATINUM Aviation of the future today Deere & Co. CATERPILLAR LYCOMING 02/14/18 N2994P Lake LA-4-200 S/N 956 Tach 110.5 "AIRCRAFT LOG ENTRY" Removed and replaced right fuel tank sponson drain valve. <u>R. Walther</u> A&P3082871

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.)
10/02/18	N2994P			Aircraft Maintenance Specialist, Inc. AMS Aviation Maintenance Specialist, Inc. of the future today 10/02/18 N2994P Lake LA-4-200 S/N 956 Hobbs 2720.33 Tach 130.3 "AIRCRAFT LOG ENTRY" Right main landing retract actuator leaking. Removed and reinstalled repaired actuator from Amphibians Plus on invoice# 180921. Right main gear down-lock switch broken. Removed and replaced switch. Left main gear up-lock lamp Inop. Removed and replaced rusty up-lock latch bolt. Serviced hydraulic system with 5606 hydraulic fluid and cycled gear up and down several cycles with no faults found. <u>R. Walther</u> A&P3082871

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2017				
10-2-17	30			Removed ELT Battery and replaced with new Battery GS-52. Next ELT Battery due October 2019. ELT OPS checked OK.
10-2-17	30			

3. Form Tracking Number:	
5. Work Order/Contract/Invoice Number: 04232019-2	
Quantity:	10. Serial Number:
1	2967
11. Status/Work: Tested	

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

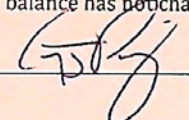
BAKES VAD 066-30026
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2017				
10-2-17	3,090.2		3,090.2	Removed ELT Battery and replaced with new Battery GS-52. Next ELT Battery due October 2019. ELT OPS checked OK.

Sarasota Avionics East
 2633 Lantana Road, Bldg. 214 Lantana, FL 33462
 Date: 10/11/17 Tach: 3091.5
 Tail: N- 2994P Make/Model: LAKE LA-4-200 S/N: 956

Removed A30 (S/N: 79667) and installed factory new A30.5 (S/N: 142224) referencing ACK installation manual A30M, Rev. 6, dated 2/11/15. Altitude reporting system A30.5 (S/N: 142224) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14CFR 91.217. The ATC transponder 066-1062-01 (S/N: 7219) was tested, inspected and found to comply with App F of 14 CFR 43 and 14CFR 91.413. All work was accomplished with current manufacturer's manuals and acceptable methods and techniques. Weight and balance has not changed. Details on file under work order # 51654.

 for Sarasota Avionics East CRS# 1SER284B.

Over for Work Sheet



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.)
10-2-17	3090.2			Lubbed AIRCRAFT. Cleared R/H Aux Fuel TANK DRAIN. Cleared A/U Fuel R/H TANK fitting. Replaced R/H MAIN Landing gear Tie AND tube. Checked FLIGHT CONTROLS. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION <i>Charles E. Hunter</i> AP19910621A
10-2-17	3090.4			ELT BATTERY OUT OF DATE <i>Charles E. Hunter</i> AP1991062
				REPLACED VAC FILTERS RAB3-9-1 AND RAD9-18-1. Replaced H/H & R/H M/L G BRAKES PAD 066-30026. <i>Charles E. Hunter</i> AP1991062

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DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number:
4. Organization Name and Address: Plane Instruments LLC 3000 21st St. NW Winter Haven, FL 33881					5. Work Order/Contract/Invoice Number: 04232019-2
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	KT-78A	066-1062-01	1	2967	Tested
12. Remarks: Tested to manufactures specs. No AD's					
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature: <i>Ivan A. Vaupel</i>		14c. Approval/Certificate No.: 8WHR705C
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): Ivan A. Vaupel		14e. Date (dd/mm/yyyy): 21-Oct-2019
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

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
				ATC TRANSPONDER
				Equipment: King KT78A Transponder s/n 7219
				Reported Problem/Service Requested: 1) VFR certification
				Preliminary Inspection Condition: Good
				Hidden Damage: None
				Problem Found/Work Performed: 1) The transponder was tested and found to comply with TSO C160 performed this date 9/28/15 and found to comply with FAR 91.413 were Appendix F.

AVIONICS WORK

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Customer:
Custom Avionics
418-S Bartow Municipal Airport
Bartow, FL 33830
FAA CRS# TK4R547M
863-533-1575

Customer:
Amphibians Plus
418-B Bartow Airport
Bartow, FL 33830
863-534-8025

Equipment: King KT78A Transponder s/n 7219

Reported Problem/Service Requested: 1) VFR certification

Preliminary Inspection Condition: Good

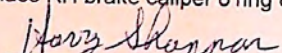
Hidden Damage: None

Problem Found/Work Performed: 1) The transponder was tested and found to comply with TSO C160 performed this date 9/28/15 and found to comply with FAR 91.413 were Appendix F.

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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 S/N 956, Lake LA4/200			Tach: 2914.8 AFTT: 2914.8 20 Nov 2015 Replace RH main gear down switch. Clean fuselage main tank sump drains. Blow out LH & RH float sump drains. Replace LH & RH brake pads. Replace RH brake caliper o'ring & bleed caliper. Amphibians Plus LLC 863-534-8025  Harry Shannon A&P 1713252
	N2994P S/N 956, Lake LA4/200			Tach: 2932.1 AFTT: 2932.1 16 Dec 2015 Service tires to 45 psi. Amphibians Plus LLC 863-534-8025  RB Mount A&P 261638920

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
				ATC TRANSPONDER TEST The transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix J.
				Make: <u>King</u> Model: <u>KT78A</u> S/N <u>7219</u>
				Date: <u>9-28-15</u> Inspected by: <u>[Signature]</u>
				N. 2994P Custom Avionics
				w/o. 115020 418 Bartow Municipal Airport
				Bartow, FL 33830
				Repair Station # TK4R547M

N2994P
S/N 956, Lake LA4/200

Tach: 2887.4 AFTT: 2887.4
15 Oct 2015

Replace missing screw in LH wing tip with new screw. Install missing cap plugs for taper pins access on trim tabs. Add spacers to outside of wheels for proper brake alignment & function. Check fuel qty levels for accuracy, found accurate, ops check, good. Replace nose wheel tube with new Michelin 5.00x5 Airstop tube. Accumulator leaking; remove accumulator, found end cap cracked. Disassemble accumulator, fabricate & install replacement end cap, pressure check accumulator, found good, reinstall accumulator. Gear Alert audio inop; found loose pin in plug on up side; replace pin, ops check, good.

Amphibians Plus LLC 863-534-8025

[Signature]
Christopher Shannon A&P 3284332

AVIONICS WORK ORDER

Page 1 of 1

Custom Avionics
418-S Bartow Municipal Airport
Bartow, FL 33830
FAA CRS# TK4R547M
863-533-1575

Date : 9/28/15

Work Order No : 115020

Terms : Due on receipt
Please pay from this invoice
No statement will be sent

Customer:
Amphibians Plus
418-B Bartow Airport
Bartow, FL 33830
863-534-8025

Aircraft Make : Lake
Model : LA-4-200
Serial No. : 956
Reg. No. : N2994P

Equipment: King KT78A Transponder s/n 7219

Reported Problem/Service Requested: 1) VFR certification

Preliminary Inspection Condition: Good

Hidden Damage: None

Problem Found/Work Performed: 1) The transponder tests and inspection required by FAR 91.413 were performed this date 9/28/15 and found to comply with FAR 43 APP F.

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
19				ATC TRANSPONDER TEST The transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Make: <u>King</u> Model: <u>KT78A</u> S/N <u>7219</u> Date: <u>9-28-15</u> Inspected by: <u>[Signature]</u> <u>N2994P</u> Custom Avionics <u>w/p 115020</u> 418 Bartow Municipal Airport Bartow, FL 33830 Repair Station # TK4R547M

N2994P
S/N 956, Lake LA4/200

Tach: 2887.4 AFTT: 2887.4
15 Oct 2015

Replace missing screw in LH wing tip with new screw. Install missing cap plugs for taper pins access on trim tabs. Add spacers to outside of wheels for proper brake alignment & function. Check fuel qty levels for accuracy, found accurate, ops check, good. Replace nose wheel tube with new Michelin 5.00x5 Airstop tube. Accumulator leaking; remove accumulator, found end cap cracked. Disassemble accumulator, fabricate & install replacement end cap, pressure check accumulator, found good, reinstall accumulator. Gear Alert audio inop; found loose pin in plug on up side; replace pin, ops check, good.

Amphibians Plus LLC 863-534-8025

[Signature]
Christopher Shannon A&P 3284332

DATE	AVIONICS WORK Tests, Repairs and Alterations me, Rating and Certificate Number of back pages for other specific entries.)
19	Custom Avionics 418-S Bartow Municipal Airport Bartow, FL 33830 FAA CRS# TK4R547M 863-533-1575 Customer: Amphibians Plus 418-B Bartow Airport Bartow, FL 33830 863-534-8025 Equipment: King KT78A Transponder s/n 7219 Reported Problem/Service Requested: 1) VFR certification 31638920 Preliminary Inspection Condition: Good Hidden Damage: None Problem Found/Work Performed: 1) The transponder performed this date 9/28/15 and found to comply with F

314.8 AFTT: 2914.8
20 Nov 2015

ains. Blow out LH & RH
per o'ring & bleed

[Signature]
&P 1713252

32.1 AFTT: 2932.1
16 Dec 2015

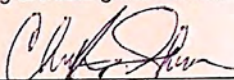
DATE

N2994P
S/N 956, Lake LA4/200Tach: 2887.3 AFTT: 2887.3
24 Sept 2015

19

neck with Ospho. Clean minor rust in RH float fuel cap & treat filler neck with Ospho. Clean fuselage weep holes. Clean all exterior drains of mud daubers. Trash in main fuel tank; drain fuel & vacuum tank, reinstall fuel. Replace rusty nut on forward side of LH main gear wheel well. Remove Turn & Bank and send to Brittain for repair/overhaul. Removed Model TC-100EVS, p/n 604-200-200, s/n 924087 & install overhauled replacement Model TC-100EVS, p/n 604-200-200, s/n 930110, overhauled by Brittain Industries Inc., FAA CRS# BL4R080M, on Work Order 36799, dated 9/22/2015. Replace o-rings in RH main gear actuator. Replace rusty hardware on top of nose gear assembly cam area. Replace LH & RH main wheel bearings & races. Replace nose gear bearings & races. Clean rust from LH & RH main gear leg & treat with LPS3 corrosion inhibitor. Axle nuts rusted on both sides of main gear; replace LH side axle nut & clean, treat & reinstall RH axle nut. Clean nose gear axle through bolt, treat with Ospho. Adjust nose gear pre-load. Nose gear axle cracked; replace axle with used serviceable axle. Replace RH main gear IB wheel half due to cracks in old wheel half. LH main gear wheel has improper spacers, fabricate & install correct spacers & pre-load gear as needed. Treat aircraft with Corrosion-X corrosion inhibitor as practical. Comply with Lake Service Bulletin B-76 Trunion Tube Inspection & Treatment; by inspecting & treating trunion tubes & gear legs with LPS3; due next 100 hr / annual insp.

Amphibians Plus LLC 863-534-8025


Christopher Shannon A&P 3284332N2994P
S/N 956, Lake LA4/200Tach: 2887.3 AFTT: 2887.3
24 Sept 2015

DATE: 24 Sept 2015 TACH/AFTT: 2887.3 ELT Battery Expire: Sept 2017

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

Amphibians Plus LLC 863-534-8025


R.B. Mount A&P 261638920 IAations
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tries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description Entries must Technician o
19				
				N2994P S/N 956, Lake LA4/200
				Remove nose gear upper drag strut, check actuat dampener collar for cracks, none found. Re-torqu fluid in reservoir, both brake master cylinders lea reinstall & ops check, good. RG35AXC battery, s install new RG35AXC battery, s/n 40755187. Hu flange; remove frozen plug & install 7 ea. new h electronic tach, Model R-1-4 630 R270, s/n 396 Electronics International. Replace RH aileron b main gear down switch. Replace o-rings in leaki pivot shaft, fabricate new pin, replace Nyliner b on main fuel tank fuel block, tighten attach bolts gaskets, Ospho fittings, clean tank, reinstall scu on boost pump, remove fuel, remove fittings, re Replace forward control yoke centering spring. I replace skin on RH gear door, clean, prime & pa horn where pulled of ring terminal at switch in wi on housing, replace o-rings, etch, alodine, prime strobe. Fuse holder for instrument panel lights b dimmer switch. Hydraulic reservoir dip stick is ru accumulator empty; replace o-rings, hone to rem prime. Replace tail NAV lamp. ELT battery expir September 2017. Rust on RH float fuel cap, tree

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Electronics International Inc.[®]
63296 Powell Butte Hwy • Bend, OR 97701 • Sales: (541) 318-6060 • Fax: (541) 318-7575
www.Buy-EI.com • Support@Buy-EI.com

Repair Tag

Item: R-1-4 630 R270

Serial Number: 39661

- ☒ We performed the work requested on the instrument.
☐ We were able to duplicate the described problem and have repaired the instrument.

Work Performed: REPLACED DISPLAY BOARD & FACEPLATE

Possible External Cause: _____

- ☐ We were NOT able to duplicate the described problem. The problem may be intermittent within the instrument or intermittent in the installation, which can be difficult to find. Since we could not get the instrument to fail, we performed the steps listed below. Some of these steps may have fixed the problem.

- ☐ Visually inspected the appropriate components and connections that could possibly cause a problem such as the one described.
☐ Touched up all solder connections that could possibly cause a problem such as the one described.
☐ Replaced parts that could possibly cause a problem such as the one described.
☐ Shock tested the instrument.
☐ Subjected the instrument to humidity.
☐ Temperature cycled the instrument.
☐ Powered unit with high & low voltage.
☐ Verified normal current draw.
☐ Subjected the instrument to R.F. noise.

Actual E.I. instrument failures are rare. Over 80% of the instruments sent in for repair turn out to be installation errors. However, each returned instrument is completely tested, evaluated and re-calibrated. Even when the problem is found to be a result of installation error and/or customer abuse, EI analyzes possible design solutions that could help avert such a problem in the future.

This instrument has been Rebuilt, Re-calibrated and Q.C.'d.

Certified by: [Signature]

Date: 9-11-15

MS123103 Rev.E

AFTT: 2887.3
24 Sept 2015

spho. Clean
iel tank; drain
gear wheel well.
TC-100EVS, p/n
n 604-200
in Work Order
hardware on

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© 1991 ASA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N2994P
S/N 956, Lake LA4/200

Tach: 2887.3 AFTT: 2887.3
24 Sept 2015

Remove nose gear upper drag strut, check actuator rod for cracks, none found. Check shimmy dampener collar for cracks, none found. Re-torque wing attach bolts as needed. No hydraulic fluid in reservoir, both brake master cylinders leaking; remove master cylinders, replace o-rings, reinstall & ops check, good. RG35AXC battery, s/n 40684569, dead; remove battery, **Service & install new RG35AXC battery, s/n 40755187**. Hull plug in main fuselage compartment frozen in flange; remove frozen plug & install 7 ea. new hull plugs. Remove Electronics International Inc. electronic tach, Model R-1-4 630 R270, s/n 39661 & reinstall after rebuild & recalibration by Electronics International. Replace RH aileron boot. Replace LH & RH main gear up switch & RH main gear down switch. Replace o-rings in leaking trim actuator. Remove bent water rudder pivot shaft, fabricate new pin, replace Nyliner bushings & pivot pin, align & reinstall. Fuel stain on main fuel tank fuel block, tighten attach bolts, leak prevailed; remove scupper, replace gaskets, Ospho fittings, clean tank, reinstall scupper with sealer, no leaks observed. Fuel pump on boost pump, remove fuel, remove fittings, replace lock nut on fitting, reseal fitting & re-fuel. Replace forward control yoke centering spring. Remove nose gear doors, clean corrosion, replace skin on RH gear door, clean, prime & paint doors & all hinges. Replace terminal on stall horn where pulled of ring terminal at switch in wing. Replace RH main gear oleo due to corrosion on housing, replace o-rings, etch, alodine, prime & paint. Replace strobe tube in LH wing tip strobe. Fuse holder for instrument panel lights bad, remove & replace inline fuse holder on dimmer switch. Hydraulic reservoir dip stick is rusty; fabricate & install new dip stick. Hydraulic accumulator empty; replace o-rings, hone to remove grove, remove corrosion, etch, alodine & prime. Replace tail NAV lamp. ELT battery expired; replace battery. **New ELT battery expire September 2017**. Rust on RH float fuel cap, treat & prime new cap & install. Treat fuel tank

N2994P
S/N 956, Lake LA4/200

Tach: 2887.3 AFTT: 2887.3
24 Sept 2015

neck with Ospho. Clean minor rust in RH float fuel cap & treat filler neck with Ospho. Clean fuselage weep holes. Clean all exterior drains of mud daubers. Trash in main fuel tank; drain fuel & vacuum tank, reinstall fuel. Replace rusty nut on forward side of LH main gear wheel well.

EVS, p/n
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32

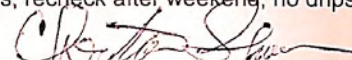
DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N2994P
S/N 956, Lake LA4/200

Tach: 2844.1 AFTT: 2844.1
12 Sept 2012

Low vacuum fluxuates, run check shuttle valve, found OK. Remove ships EGT and CHT. Install J.P. instruments EDM-700-4C, s/n 33361 per 337 this date. Replace fuse for Turn & Bank. Remove inop 3M Stormscope, antenna & harness. Check voltage regulator installation, repair broken wire, replace ring terminal. Remove back seat, split, re-upholstery & reinstall. Add deck plates in floor for fresh water flush. Wave RH inboard aileron hinge pin. Small amount of fuel on bottom of main fuel tank fittings, clean fuel, tighten fittings, recheck after weekend, no drips. Clean seat tracks on pilot & co-pilot sides.

Amphibians Plus LLC 863-534-8025


Christopher Shannon A&P 3284332

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

Tach: 2844.1 AFTT: 2844.1
12 Sept 2012
S/N: L-19973-51A

Drain oil. Remove, cut, inspect & install new oil filter. Service with 7 qts. Shell 100W oil. Remove LH mag Model # 4270, s/n 97121013 & install new Model 4372, s/n 12070206 impulse mag with adapter. Safety wire broken on #1 valve cover, re-safety. #1 cylinder oil return line rubbing on baffle tie, add rubber & safety to secure. #1 top spark plug has broken ceramix, replace plug with new RHM38E plug.

Amphibians Plus LLC 863-534-8025


Christopher Shannon A&P 3284332

DATE 2013	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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November 5th 2013

2850.00 2850.00

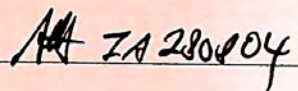
NOTE
(1) New G.L.T.
Battery Installation.
New Date 2015

9 Aircraft V.F.R. Only.
Altitude / S/N /
Transmission Checks
DUE 2850.00 43
Appendix E (2013)

AIRCRAFT REG#: N2994P
ACTT: 2850.00
MODEL#: LA4/200
SN: 956

Hobbs: TACK 2850.00
Date: Nov 5th 2013

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.

Signature  ZA 280004

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.)
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N2994P
S/N 956, Lake LA4/200

Tach: 2793.8 AFTT: 2793.8
16 Mar 2012

Remove nose gear upper drag strut, check actuator rod for cracks. Check shimmy dampener collar for cracks, none found. Re-torque wing attach bolts as needed. LH have light lens missing & retainer bent, reform retainer & replace lens with new red lens & gasket. RH wing IB top has 2 smoking rivets, tighten rivets. Found fuel filter bowl corroded, replace fuel bowl with serviceable bowl & safety. Remove starboard flooring, fabricate & install new marine plywood flooring. Hydraulic fluid under sled, tighten fittings & clean area. Replace burnt fuse on eyebrow lights. Water rudder handle loose, adjust tension. Replace o'rings in nose gear strut. Nose gear uplock hook binding, adjust rigging. Nose gear down load tension too high, adjust tension to specs. Nose axle spacers show excessive wear, fabricate new spacers, treat for corrosion, prime, paint & install. Replace corroded hull plugs with new plugs. Add poly-penco housing to aileron cables for fraying protection. Clean hydraulic fluid from bilge. RH brake master cylinder leaking, replace o'rings. Service accumulator with Nitrogen. RH main tire worn, replace with new 6.00x6 6PR Air Hawk tire using new 6.00x6 Leak Guard tube. LH & RH main gear trailing beam has play, shim with spacer to reduce play. Replace LH & RH main gear bearings & races. Fill both main gear hubs with grease. Replace Bracket air filter element. Remove heavy duty insulation & install standard R12 insulation. Remove heater, label wiring, install replacement fresh air vent. Aircraft weighed this date. See new Weight & Balance this date. Replace j-nuts on float water tight covers as needed. Clean & wash engine, remove debris from engine compartment. Vacuum hull & touch-up paint in pump out area. Clean weep holes. Treat aircraft with Corrosion-X corrosion inhibitor as practical. Comply with Lake Service Bulletin B-76 Trunion Tube Inspection & Treatment; by inspecting & treating trunion tubes & gear legs with LPS3; due next 100 hr. annual insp. Comply with AD2005-12-02 Horizontal Tail attach Fittings; by visual inspection; no

DATE

N2994P
S/N 956, Lake LA4/200

Tach: 2793.8 AFTT: 2793.8
16 Mar 2012

19

cracks, fretting, or corrosion observed; visual inspection due Tach / AFTT 2893.8 or next annual inspection whichever occurs 1st

Amphibians Plus LLC 863-534-8025

Harry Shannon
Harry Shannon A&P 1713252

DATE: 16 Mar 2012 TACH/AFTT: 2793.8 ELT Battery Expire: March 2013
I certify that this AIRFRAME 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

Executive Air
THE SMOOTHEST APPROACH INTO GREEN BAY

2131 Airport Drive • Green Bay, Wisconsin 54313 • 920.498.4880 • www.executiveair.com

N2994P

6/20/2012

Tach: 811.6

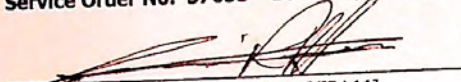
Removed elevator trim actuator, disassembled, cleaned and installed new o-rings. Operational and leak check after install showed no defects. Serviced hydraulic reservoir.

-----END-----
Dink Cebanski AP 3371217

N2994P Tach; 2717.2 Aircraft TT; 2717.2

AIRFRAME
C/W FAR91.207 (d) ELT inspection, battery next due for replacement Feb. 2011.
C/W AD99-24-10 standby vacuum system inspection per para (b)(2) para (b)(2)
due 4/2011. C/W AD2008-14-07 prevent fuel line failure per para J&K and
Lycoming SB342E Install new engine air filter P/N BA-7305. Install new
instrument band filter P/N B3-5-1. Remove flap actuator and install all new
seals. Reinstall flap actuator and leak check. Patch rear cowling support on
back bulkhead right and left sides. Service accumulator to 400 psi with nitrogen.
Install new gear down switch on left gear and check operation.

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


FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS AIRCRAFT 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 K. Merck
FOR REPAIR STATION B2ER144J
TOTAL TIME: 2712.6 TACH: 2712.6
DATE OF INSPECTION: 4/15/10

Inspections, Tests, Repairs and Alterations

Recorded with Name, Rating and Certificate Number of
Repair Facility. (See back pages for other specific entries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N2994P Model: Lake LA4-200 S/N: 956

4/21/2011 A/C Tach: 2749.5 A/C TT: 2749.5

Completed an Annual Inspection as per FAR 43 appendix D. ELT functionally tested as per FAR
91.207(d). Replaced ELT battery. Next due March 2013. Installed anti-chafe spiral wrap on fuel
transfer pump input lines. Replaced 2 bolts in flap jackshaft to end bellcrank attachments(AN4-
15A). Replaced 1 nose wheel bearing and race. Replaced 3 of 4 main wheel bearings and races.
Greased wheel bearings. Performed retract functional checks and lubed gear points. Lubed control
points. All other routine maintenance performed. A.D.'s checked through 2011-08. I certify that this
aircraft has been inspected in accordance with an annual inspection and was determined to be in an
airworthy condition.

 Ray Chapin A&P 3179397 IA

AIRFRAME
C/W FAR91.207 (d) ELT inspection. Replace battery with a
GS52. Battery next due Feb 2011. Replaced instrument regulator
Filter P/N ARB3-5-1. C/W AD99-24-10 standby vacuum system
per para (b)(1)(b)(2). Fabricate patch and install on right flap.
Re rivit co-pilot's yoke spring bracket to yoke "Y" assembly.
Install new AN3-6 bolt for left elevator trim tab hinge. Replace
2 left main wheel races and bearings. Rotate left and right main
tires. Remove nose gear drag brace top support P/N 2-4412-1 due
to crack. Fabricate repair using inner tube method per para 4-84a.
Used 4130 steel tubing .750 OD and .125 wall thickness. Welding
Done using TIG welding techniques. Part was painted, reinstalled
Using AN3 bolts and lock nuts. Access holes were fabricated for access to
Nuts, plates made using .032 aluminum riveted into place and sealed.

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**

FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

5. Repairs and Alterations
 ing and Certificate Number of
 ages for other specific entries.)

Boshart Enterprises Inc.
Genesee county Airport
Batavia, NY 14020
Repair Station Number B

**Tested in Compliance with
Part 43 Appendix E Paragraph (A,B)**

Test Altitude In Feet	Reading	Tolerance +/- (feet)	HYSTERESIS/TEST TOLERANCES		
				Reading	Tolerance (feet)
-1000	0	20	Case leak Test	-23	100
0	+15	20			
500	+15	20	Hysteresis Test		
1000	+10	20	First TP...50% of Max	+5	75
1500	+15	25	Hystereis Test		
2000	+10	30	First TP...40% of max	+5	76
3000	+5	30	After Effect	+10	30
4000	0	36			
6000	-10	40	Kollsman Window Calibration		
8000	-20	60	Pressure Setting in In./Hg.	Reading	Altitude Difference (feet)
10000	0	80			
12000	+15	90	28.10	-1740	-1727
14000	-10	100	28.50	-1345	-1340
16000	-30	110	29.00	-865	-863
18000		120	29.50	-390	-392
20000		130	29.92	-0- (ref)	0
22000		140	30.50	+540	531
25000		155	30.90	+400	893
30000		180	30.99	+475	974
35000		205			
40000		230	boshell		
45000		255			
50000		280			
W/O No.	A56370		Date:	04-14-2016	

■ Aircraft Static System has been tested IAW Part 91.411 and found to comply with Part

Signed B. Miller #30195 Date 4/14/10

Aircraft (Each) Hobbs Time 2717.2

DATE 18/2008	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.)
4/8/08	2603.2	2603.2	2603.2	q/w FAR 91.207(d) ELT Insp. BATTERY Replacement next DUE MARCH 2009. q/w AD 2005-12-02 Horizontal STABILIZER ATTACH Fittings. Installed New Wkb Central Air Service Fittings PIN LC-2200-21 Rev D. Also Wkb Central Air Service Installation Instructions CI-LC-2200-21 Rev B. All WORK WAS PERFORMED → Also STC NO. SA02153NY - UPDATED weight & Balance, Filed 337 Form. q/w AD 2002-20-01 Lycoming FUEL Lines Insp Per SB 342E Page NO. 07. q/w AD 99-24-10 STAND BY VACUUM system Per Para (b)(1) Para (b)(2) Next DUE 3/09. Installed New Engine AIR FILTER. BA-7305. Installed 2 New Brake Linings RT Brake PIN 066-30026. Installed New Bearings and New RACE'S. In RT wheel Assembly. — END — James K Meade — CRS# B2ER144 —
				OVER

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I CERTIFY THAT THIS <u>Aircraft</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>2008-05</u> CHECKED OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>James K Meade</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>2603.2</u> TACH <u>2603.2</u> DATE OF INSPECTION <u>4/8/08</u>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
3/26/07	2514.8	✓	2514.8	clw FAR 91.207(d) ELT Insp. Installed New ELT BATTERY PIN GS-52 Replacement Next Due MARCH 2009. clw AD 2005-12-02 Prevent CRACKS TO HORIZONTAL STAB per para (c)(5), NO Defects Found PART II 707.6 PART TIME Remaining 142.37 (Replacement) Due AT 2657.0 A/C TT. clw AD 99-24-10 STAND BY Vacuum System Insp. per para (b)(1) and (b)(2) Inspected per Installation Report NO. 08072 3.3 Continued Airworthiness 3:3:1-3:33. and performed Fligh test and compress manifold Readings. clw AD 2002-26-01 Lycoming Fuel Line Insp per SB 342E Pg 7. Installed New Engine Air Filter BA-7305. Installed New Instrument Filters BAUD B3-5-1 and Central PIN D9-18-1 Replacement Due AT 3014.8 A/C TT. - END James K. Merck - ICRS# B2ER144J -
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE W/ A Annual - TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 2007-06 CHECKED OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>James K. Merck</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>2514.8</u> TACH <u>2514.8</u> DATE OF INSPECTION <u>3/26/07</u>				

REPLACE BATTERY

BY MAR 2009

TO REORDER CALL 1-800-382-0079

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations																																																												
11/6/07	2595.3		792.1	N2994N S/N 956 INSTALLED NEW CONCORDE RG-35A XC AIRCRAFT BATTERY <u>John R. Long</u> 11/6/07																																																												
Boshart Enterprises Inc. Tested in Compliance with Genesee county Airport Part 43 Appendix E Paragraph (A,B) Batavia, NY 14020 Repair Station Number B2ER144J																																																																
<table border="1"> <thead> <tr> <th colspan="3">Test</th> <th colspan="3">HYSTERESIS/TEST TOLERANCES</th> </tr> <tr> <th>Altitude in</th> <th>Reading</th> <th>Tolerance +/-</th> <th colspan="3"></th> </tr> </thead> <tbody> <tr> <td>20000</td> <td>///</td> <td>130</td> <td>29.50</td> <td>Reading</td> <td>Tolerance</td> </tr> <tr> <td>22000</td> <td>///</td> <td>140</td> <td>29.92</td> <td>-0- (ref)</td> <td>0</td> </tr> <tr> <td>25000</td> <td>///</td> <td>155</td> <td>30.50</td> <td>500</td> <td>531</td> </tr> <tr> <td>30000</td> <td>///</td> <td>180</td> <td>30.90</td> <td>870</td> <td>893</td> </tr> <tr> <td>35000</td> <td>///</td> <td>205</td> <td>30.99</td> <td>970</td> <td>974</td> </tr> <tr> <td>40000</td> <td>///</td> <td>230</td> <td colspan="3"></td> </tr> <tr> <td>45000</td> <td>///</td> <td>255</td> <td colspan="3"></td> </tr> <tr> <td>50000</td> <td>///</td> <td>280</td> <td colspan="3"></td> </tr> </tbody> </table> W/O No. <u>ASS483</u> Date: <u>3/21/08</u>					Test			HYSTERESIS/TEST TOLERANCES			Altitude in	Reading	Tolerance +/-				20000	///	130	29.50	Reading	Tolerance	22000	///	140	29.92	-0- (ref)	0	25000	///	155	30.50	500	531	30000	///	180	30.90	870	893	35000	///	205	30.99	970	974	40000	///	230				45000	///	255				50000	///	280			
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19 2006				
3/17/06	2470.8	—	2470.8	c/w FAR 91.207(d) ELT Insp BATTERY Next Due MARCH 2007. c/w AD 2005-12-02 CRACKS IN HORIZONTAL ATTACH FITTINGS PARA (e)(5) USUL. Insp Due EACH 50 Hours, Part TT 663.6 PART TIME REMAINING 186.37 Fitting Replacement Due AT 2657.0 A/C TT. c/w AD 99-24-10 STAND BY VACUUM System per PARA (b)(1) PARA (b)(2) Due 3/07. c/w AD 2002-26-01 Prevent FAILURE of FUEL LINES Per Lycoming SB 342E Page 7. Repaired Alter- nate AIR BOX By Patching BOX In Two places, Fabricated New Alternative AIR Door with Hinge. Fabricated New OIL cooler HOSES From OIL cooler TO ENGINE. Installed New Engine-Air Filter PIN BA-7305. Installed All New wheel BEARINGS and All New RACEs. Patched left SIDE COWL DOOR. GREASED Landing gear and cycled gear checked operations. checked Landing gear, POWER PACK For proper LEVEL. — LUD — — Jones K. Merrell — — CRS#B2LER1443 —

✓
CLEAR

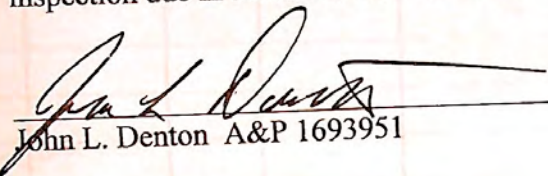
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19				
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE W/A ANNUAL — TYPE INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO 2006-05 CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STA. BZERT44J TOTAL TIME 2470.8 TACH 2470.8 DATE OF INSPECTION 3/17/06
8-22-06	2504.6		2504.6	Removed & Replaced The Electric FUEL Pump. ON PN 8120-G SN 119850 OFF PN 8120-G. LEAK Checked Good. This pump is Approved For Return To Service. — [Signature] — — RPL693951 —

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.)
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Lake model LA-4-200 N2994P S/N 956
Airframe Maintenance Record
December 29, 2005

Aircraft Total Time 2446.8 Aircraft Total Landings

AD 2005-12-02 Complied with by inspection of the horizontal stabilizer rear attachment fittings in accordance with (e) (5) repetitive inspection. No defects are noted. This fitting was removed and replaced with a new fitting November 19, 1998 at 1807.17 ACTT. This horizontal stabilizer rear attachment currently has 639.63 hrs. with 210.37 hrs. remaining to accumulate 850 hrs.. This fitting needs to be replaced at 2657 hrs. ACTT. Next visual inspection due in 50 hrs. at 2496.8 ACTT. This aircraft is approved for return to service.


John L. Denton A&P 1693951

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT
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Boshart Enterprises Inc.
Genesee county Airport
Batavia, NY 14020

Tested in Compliance with
Part 43 Appendix E Paragraph (A,B)

Repair Station Number B2ER144J

Test Altitude in Feet	Reading	Tolerance +/- (feet)	HYSTERESIS/TEST TOLERANCES		
				Reading	Tolerance (feet)
-1000	5	20			
0	0	20	Case leak Test	15	100
500	0	20	Hysteresis Test		
1000	5	20	First TP...50% of Max	10	75
1500	0	25	Hystereis Test		
2000	0	30	First TP..40% of max	0	75
3000	-5	30	After Effect	0	30
4000	-15	35			
6000	-30	40	Kollsman Window Calibration		
8000	-35	60	Pressure Setting in In./Hg.	Reading	Altitude Difference (feet)
10000	-30	80	28.10	-1740	-1727
12000	-5	90	28.50	-1350	-1340
14000	-20	100	29.00	-870	-863
16000	-15	110	29.50	-370	-392
18000	/	120	29.92	0- (ref)	0
20000	/	130	30.50	530	531
22000	/	140	30.90	700	893
25000	/	155	30.99	770	974
30000	/	180			
35000	/	205			
40000	/	230			
45000	/	255			
50000	/	280			

W/O No. A14518 Date: 3/14/06

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.)
2/1/05	2385.2		2385.2	INSTALLED NEW ELT BATTERY DUE DATE MAR 07 C/W FAR 91.20(d) ELT INSP C/W AD 99-24-10 PARA 1 THRU PARA 6 142 REPLACED BOTH RT & LEFT MAIN WHEEL BRNCS PART# 13621 & 136004 902A1 COMPLETED GEAR RETRACTION TEST
I CERTIFY THAT THIS AIRCRAFT 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>05-01</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>John L. Denton</u> FOR REPAIR STA. B2ER144J TOTAL TIME <u>2385.2</u> TACH <u>2385.2</u> DATE OF INSPECTION <u>2/1/05</u> corrected Date of inspection <u>2/1/05</u> J. Denton ATP 2001259				

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

August 30, 2005

Aircraft Total Time 2432.6

Aircraft Total Landings N/A

Removed and replaced the left wingtip leading edge. 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.)
19				
1/22/04	2291.5		2291.5	Install new Bussard RB-354 battery Remove & clean fuel filter jack up aircraft, grease wheel bearings, replace R/H brake lining, service hydraulic system & perform attraction test, clean & lubricate wheel locks. C/W FAR 91.207(d), ELT inspection & operation test. C/W 1099-24-10 precise Delight vacuum system inspection & test per para (b)(1-2) Install T.P. Instruments model F3-450 I/S/W STC; SA004328E, grease new strut/rocker arms for transverse. New engine oil. EMPTY WT; 1879.85 CG 110.1 MOMENT; 209168.5 Jeff M. Baskett QAS # B2ER1442 W.O. # 53739

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>aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Annual</u> TYPE OF INSPECTION WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A.D. SUMMARY TO <u>04-01</u> CHECKED. OPERATIONAL CHECKS SATISFACTORY. SIGNATURE <u>Jeff M. Baskett</u> FOR REPAIR STATION <u>B2ER1442</u> TOTAL TIME <u>2291.5</u> TACH <u>2291.5</u> DATE OF INSPECTION <u>1/22/04</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.)
10-8-03	2269.7			ROTATED left MAIN Landing Gear Tires. Torque Wheel to 150 IN/BS. Installed New Wheel Bearing and RACE left wheel ASSEMBLY PIN 13621 & 13600LA. <i>2nd</i> <i>John K. Morlock - CRST # B26721445</i>
10/30/03	2280.3			Replaced main tires Air Hawk 600x6 inflated to 35 PSI. <i>Mark J. Maynard AEP 2755029</i>
11/7/03	2285.0			Replaced Front Nose tire Air Hawk 500x5 ACleaned & Repacked Nose Bearings. Replaced Right Main wheel Bearings Timkin PIN 13621 & 13600LA Repacked with water proof Grease. Replaced wing light detectors PIN 5122. <i>Mark J. Maynard AEP 2755029</i>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Test Altitude In Feet	Reading	Tolerance +/- (feet)	HYSTERESIS/TEST TOLERANCES		
19				-1000	+10	20		Reading	Tolerance (feet)
				0	+10	20	Case leak Test	80	100
				500	+10	20	Hysteresis Test		
				1000	0	20	First TP...50% of Max	10	75
				1500	0	25	Hysteresis Test		
				2000	-10	30	First TP...40% of max	10	75
				3000	-15	30	After Effect	0	30
				4000	-10	35	Kollsman Window Calibration		
				6000	-20	40	Pressure Setting in In./Hg.	Reading	Altitude Difference (feet)
				8000	-35	60	28.10	-1720	-1727
				10000	-20	80	28.50	-1360	-1340
				12000	-20	90	29.00	-870	-863
				14000	-20	100	29.50	-380	-392
				16000	-40	110	29.92	0- (ref)	0
				18000	-70	120	30.50	+520	531
				20000	-100	130	30.90	+900	893
				22000		140	30.99	+970	974
				25000		155			
				30000		180			
				35000		205			
				40000		230			
				45000		255			
				50000		280			
							W/O No. A53569 Date: 1/19/04		

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.)
11/15/02			2173.1	Removed King KY185B Com s/n- 7447, King KI-204 CDI s/n-10381 and all associated wiring. Installed Apollo GX65 GPS/Com s/n-6055849 and King KI-209A CDI s/n-8406. Interfaced existing King KN53 Nav To KI-209A CDI, installed selector switch to select between Nav or GPS driving CDI. See w/o A53022, w/B and 337 dated 11/15/02 for details. <i>M. A. Ty</i> B2ER144J.
11/15/02			2173.1	c/w AD2002-21-05 by visual inspection of spar double s/w para (d)(1), no cracks found + report submitted per para (3) W.O.# 53056 <i>Jeffrey K. Stewart</i> CRS# B2ER144J

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.)
1/13/03	2175.8			REPAIRED CRACK IN TOP CENTER COWL, CLEANED ORFACE IN MANIFOLD PRESS GAGE C/w AD99-24-10 STANDBY VAC SYSTEM PARA 1 THRU PARA 26 c/w AD2002-26-01, 1 usp OF STEEL FUEL LINES, INSTALLED NEW POWER SUPPLY + TAIL LIGHT STROBE INSTALLED NEW BEARING RACE 1/B LEFT MAIN C/w FAR 91.20(d) ELT Dusp BATT DUE 01/05 AIRCRAFT ANNUAL INSPECTION AND REPAIRS TO BE IN AIRWORTHINESS STATUS SUMMARY TO 02-25 OPERATIONAL CHECK SATISFACTORY. SIGNED <i>Darryl Pasco</i> FOR REPAIR STA. B2ER144J TOTAL TIME 2175.8 TACH 2175.8 DATE OF INSPECTION 1/13/03

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				

N2994P Serial # 956 Lake LA-4-200

Tach: 2040.0 TT; 2040.0
2060.0 2060.0 *Long Passco*

Annual Inspection

Compression Readings: 1)75, 2)73, 3)76, 4)74
Complied with FAR 91.207; ELT inspection and operation
test, battery due Jan, 2003

Reposition ignition leads, install chafe strip to eliminate
chafing on cowl door

Complied with AD 93-02-05; Lycoming steel fuel line

Inspection per Service Bulletin 342B

Replace #2 cylinder EGT probe (86255)

Replace induction air filter (BA7305)

Remove and clean fuel nozzles

Replace seals in right hand master cylinder and left brake
caliper, replace brake pads on right hand side and bleed system

Replace panel lights over manifold pressure gauge

Remove and clean fuel bowl

Remove both flaps, replace rivets that secure the inboard hinge
brackets and reassemble

Replace instrument air filter (D9-18-1)

Replace vacuum regulator filter (B3-5-1)

Replace rudder control tube boot (10027)
Remove both lower main gear link assemblies, check wear per
Revo service department instructions, clean corrosion from
pivot area, grease and reassemble.

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. 52539 Dated: 2/8/02

Signed:

[Signature]
FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

Airborne

Air Filter Change Reminder

2060.02 *2060.02* Next Change:
Changed at: *2040.02* hrs. *2560.02* hrs.

1-30-02 Date



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				

MAINTENANCE RELEASE

UNIT NAME Fuel Pump SERIAL NO. 50653

PART NO. 81206 MFG.: Weldow

☒ OVERHAUL ☐ REPAIRED ☒ TESTED ☐ INSPECTED ☐ FUNCTIONAL TESTED

The Aircraft component identified above was repaired and/or inspected in accordance with
current regulations of the Federal Aviation Administration and is approved for return to
service for the work performed. Pertinent details of the repair are on file at this repair
station under work order # 2127

OWNER: AMP PLUS DATE: 2-12-02 SIGNED FOR: *[Signature]*

630-543-9213 *Rob*
R L B ACCESSORY SERVICE

971 Babbitt Avenue • Addison, Illinois 60101-1221

FAA Approved repair station # KB2R946K

TACH 2166.0

10/14/02 *2160.0*

10/29/02 *2145.8*

*Install o/h aux fuel pump P/N 81206 S/N 50653.
reign operation test + check check system
J. Boshart
B2ER144J*

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 SN956		TACH 1990.2 21 Jan. 2001	
	DATE 21 Jan 2001	TACH/TT 1990.2	ELT BATTERY EXPIRES January 2003	
	I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in an AIRWORTHY condition.			
				<u>Harry Shannon</u> Harry Shannon, A&P 1713252 IA
	N2994P SN956		TACH 2008.6 24 May 2001	
	Replace o'rings in LH main gear actuator. Install check valve at hydraulic pump. Replace loose brake cable clamp at firewall with new clamp & resafety.			
				<u>Harry Shannon</u> Harry Shannon, A&P 1713252

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	Boshart Enterprises Inc. Genesee county Airport Batavia, NY 14020 Repair Station Number B2ER144J			Tested In Compliance with Part 43 Appendix E Paragraph (A,B)		itions er of tries.)
			Test Altitude In Feet	Reading	Tolerance +/- (feet)	HYSTERESIS/TEST TOLERANCES		
			-1000	-10	20		Reading	Tolerance (feet)
			0	-10	20	Case leak Test	20	100
			500	-10	20	Hysteresis Test		
			1000	-20	20	First TP...50% of Max	30	75
			1500	-20	25	Hysteresis Test		
			2000	-20	30	First TP...40% of max	20	75
			3000	0	30	After Effect	20	30
			4000	0	35	Kollsman Window Calibration		
			5000	10	40	Pressure Setting In In/Hg.	Reading	Altitude Difference (feet)
			6000	0	60	28.10	-1750	-1727
			10000	20	80	28.50	-1760	-1340
			12000	40	90	29.00	-870	-883
			14000	40	100	29.50	-405	-392
			16000	0	110	29.92	-0 (ref)	0
			18000	-10	120	30.50	515	631
			20000	-20	130	30.90	830	893
			22000		140	30.99	965	974
			25000		155	boshart		
			30000		180	WIO No. 452549 Date: 2/5/02		
			35000		205			
			40000		230			
			45000		255			
			50000		280			

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.)
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DATE 2000 19__	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.)
12 OCT	975.5			HYD PUMP ARMATURE REPLACED. PUMP FUNCTIONAL SERVICEABLE.
				ACCUMULATOR VALVE CORN REPLACED. CHARGED TO 500 PSI. SYSTEM CHECKED FOR BYPASS. HELD AT 1150 FOR 1HR. WITH LOSS OF 15-20 PSI. 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 <i>[Signature]</i>
				Date 12 OCT 00

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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.)
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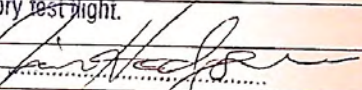
N2994P
SN956TACH 1990.2
21 Jan 2001

Remove nose gear upper drag strut & actuator rod, inspect for cracks, found none, reinstall & rig. Bleed R brake. Replace rivets on tail as required, prime with DP40 & paint. Tighten smoking rivets on tops of wings as required & replace those unable to tighten with new. Remove old sealant in hull, clean area & reseal. Remove air scoop, paint & install. Fabricate & install engine strut blocks. Install taper pin in trim tab. Stop drill crack in engine cowl support at pylon, fabricate & install patch, paint as needed. Spiral wrap MAP line to prevent rubbing on alternate vacuum cable. Remove mixture cable jam nut bolt, replace with new. Tighten alternator belt. Replace alternate air door spring with new spring. Remove broken section of water rudder drain tube & resecure drain tube. Replace LH wing strobe tube with new. LH MG bearing inner seal torn (sealed bearing), replace bearing. Replace rivets in closure kit with screws. ELT battery expired, replace battery, new expire date January 2003. Straighten rudder hinge. Tape both LH & RH aileron boots. Touch-up paint as required. Aircraft weighed, see Weight & Balance Report this date; New Empty Wt. 1902 lbs., Moment 209220.00, 1058.0 lbs. Useful Load. Treat entire aircraft with Corrosion-X & LPS3 corrosion treatment. Comply with Lake SB 8-76 Trunion Tube Inspection & Treatment by treating trunion tubes & gear legs with LPS3 & installing trunion caps. AD93-05-06 ACS Gerdes ignition switch; next due tach 3807.17. Comply with AD2000-10-22 Wing spar cracks; by installing Aerofab, Inc. kits # B79-LA4L & B79-LA4R on the left & right wing respectively.

[Signature]
Harry Shannon, A&P 1713252

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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.)
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DATE 2000 19__	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.)
12 OCT	975.5			HYD PUMP ARMATURE REPLACED. PUMP FUNCTIONAL SERVICEABLE.
				ACCUMULATOR VALVE CORN REPLACED. CHARGED TO 500 PSI. SYSTEM CHECKED FOR BYPASS. HELD AT 1150 FOR 1HR. WITH LOSS OF 15-20 PSI. 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 
				Date 12 OCT 00

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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.)
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N2994P
SN956TACH 1990.2
21 Jan 2001

Remove nose gear upper drag strut & actuator rod, inspect for cracks, found none, reinstall & rig. Bleed R brake. Replace rivets on tail as required, prime with DP40 & paint. Tighten smoking rivets on tops of wings as required & replace those unable to tighten with new. Remove old sealant in hull, clean area & reseal. Remove air scoop, paint & install. Fabricate & install engine strut blocks. Install taper pin in trim tab. Stop drill crack in engine cowl support at pylon, fabricate & install patch, paint as needed. Spiral wrap MAP line to prevent rubbing on alternate vacuum cable. Remove mixture cable jam nut bolt, replace with new. Tighten alternator belt. Replace alternate air door spring with new spring. Remove broken section of water rudder drain tube & resecure drain tube. Replace LH wing strobe tube with new. LH MG bearing inner seal torn (sealed bearing), replace bearing. Replace rivets in closure kit with screws. ELT battery expired, replace battery, new expire date January 2003. Straighten rudder hinge. Tape both LH & RH aileron boots. Touch-up paint as required. Aircraft weighed, see Weight & Balance Report this date; New Empty Wt. 1902 lbs., Moment 209220.00, 1058.0 lbs. Useful Load. Treat entire aircraft with Corrosion-X & LPS3 corrosion treatment. Comply with Lake SB 8-76 Trunion Tube Inspection & Treatment by treating trunion tubes & gear legs with LPS3 & installing trunion caps. AD93-05-06 ACS Gerdes ignition switch; next due tach 3807.17. Comply with AD2000-10-22 Wing spar cracks; by installing Aerofab, Inc. kits # B79-LA4L & B79-LA4R on the left & right wing respectively.


 Harry Shannon, A&P 1713252

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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 SN956		TACH 1920.5 11 Jan 2000	
	DATE <u>11 Jan 2000</u> TACH/TT <u>192.5</u> ELT BATTERY EXPIRES <u>July 2000</u> I certify that this AIRCRAFT has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in an <u>AIRWORTHY</u> condition. <u>Harry Shannon</u> Harry Shannon, A&P 1713252 IA			
	N2994P SN956		TACH 1921.9 28 Jan 2000	
	Remove Airpath compass & install Precision Aviation, Inc. Vertical Card Compass. <u>R.B. Mount</u> R.B. Mount A&P 261638920			
	N2994P SN956		TACH 1931.9 15 Feb 2000	
	Remove battery & install new RG35AXC, S/N 365628. <u>R.B. Mount</u> R.B. Mount A&P 261638920			

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 SN956		TACH 1947.3 8 June 2000	
	Replace both Lh & RH aux fuel pumps with new pumps. Check fuel drains & filters. Install new UPODN decal on water rudder placard. Remove foil Aux pump decal & replace with new plastic placard. Install Precise Flight Standby Vacuum Model SVS V per 337 this date. Check brake linings, found okay. Tighten nut on LH trim to tighten trim operation. Found small hole in main fuel tank fuel drain block on LH side of fuselage under wing, remove block & install new fuel block. Tighten LH MG actuator hose bulkhead fitting. Treat entire aircraft with ACF-50 & LPS-3. Replace LH aileron inboard hanger bolt & nut. Replace front inboard seat belt hardware. Lubricate landing gear. Clear all weep holes in hull. Clean seat rails. Replace RH MG tire & tube with new. Check flight trim, found okay. AD99-24-10 Precise Flight Stand-by Vacuum System; S/N 16802, required flight check, placard & Flight Manual Supplement; no further compliance necessary. <u>Harry Shannon</u> Harry Shannon, A&P 1713252			
	N2994P SN956		TACH 1962.5 15 Aug 2000	
	Remove Airborne Vacuum Pump Model 215CC, S/N 10AR-5308 due to failure, replace with Airborne Model 215CC, S/N S 6AT2912. <u>Harry Shannon</u> Harry Shannon A&P 1713252			

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 SN956		TACH 1920.5 11 Jan 2000	
	DATE 11 Jan 2000	TACH/TT 192.5	ELT BATTERY EXPIRES July 2000	
	I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in an AIRWORTHY condition.			
			<u>Harry Shannon</u> Harry Shannon, A&P 1713252 IA	
	N2994P SN956		TACH 1921.9 28 Jan 2000	
	Remove Airpath compass & install Precision Aviation, Inc. Vertical Card Compass.			
			<u>R.B. Mount</u> R.B. Mount A&P 261638920	
	N2994P SN956		TACH 1931.9 15 Feb 2000	
	Remove battery & install new RG35AXC, S/N 365628.			
			<u>R.B. Mount</u> R.B. Mount A&P 261638920	

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 SN956		TACH 1947.3 8 June 2000	
	Replace both Lh & RH aux fuel pumps with new pumps. Check fuel drains & filters. Install new UPODN decal on water rudder placard. Remove foil Aux pump decal & replace with new plastic placard. Install Precise Flight Standby Vacuum Model SVS V per 337 this date. Check brake linings, found okay. Tighten nut on LH trim to tighten trim operation. Found small hole in main fuel tank fuel drain block on LH side of fuselage under wing, remove block & install new fuel block. Tighten LH MG actuator hose bulkhead fitting. Treat entire aircraft with ACF-50 & LPS-3. Replace LH aileron inboard hanger bolt & nut. Replace front inboard seat belt hardware. Lubricate landing gear. Clear all weep holes in hull. Clean seat rails. Replace RH MG tire & tube with new. Check flight trim, found okay. AD99-24-10 Precise Flight Stand-by Vacuum System; S/N 16802, required flight check, placard & Flight Manual Supplement; no further compliance necessary.			
			<u>Harry Shannon</u> Harry Shannon, A&P 1713252	
	N2994P SN956		TACH 1962.5 15 Aug 2000	
	Remove Airborne Vacuum Pump Model 215CC, S/N 10AR-5308 due to failure, replace with Airborne Model 215CC, S/N S 6AT2912.			
			<u>Harry Shannon</u> Harry Shannon A&P 1713252	

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				

Piedmont Hawthorne Rochester, New York

N2994P LA-4-200 S/N 956 TACH 1901.37

Removed main battery, replaced with new battery P/N G-35S. S/N G01860558. Operational check satisfactory.

This aircraft and/or component has been repaired and/or inspected in accordance with current Federal Air Regulations and was found to be in an airworthy condition with respect to the work performed and is approved for return to service.

Signed D. Patrick Herring W/O 0120 Date 10/26/99

D. Patrick Herring

Piedmont Hawthorne
1265 Scottsville Road
Rochester, New York 14624
CRS #VY2R257L

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				

N2994P
SN956

TACH 1920.5
11 Jan 2000

Remove nose gear upper drag strut & actuator rod, inspect for cracks, found none, reinstall & rig. Replace missing screw on LH stab tip. Replace non-skid on step frame on both canopy door openings. Touch-up paint as needed. Reset indicator threshold for gear alert. Replace hydraulic fittings on hydraulic sled & reseal as required. Replace missing nose bonnet seal with new. Remove tach & install new Electronics International Digital Tach with time tach time set to current tach (1920.5 hrs.). Service nose gear oleo with Nitrogen & hydraulic fluid. Replace LH main gear tire & tube. Check vacuum gauge for low RPM reading; ops check okay. Remove prop governor & reinstall after reseal by Aviation Propellers, Inc. Check all fuel filters. Fabricate & install new rear baffle center angle. Clean & repair airbox support. Install taper pin in RH OB trim bellcrank to tighten. Reseal scupper. Replace fuel filter with new. Service accumulator with Nitrogen. Rivet hooks in cargo box as required. Clean, prep & paint footwells white. Secure loose wires under instrument panel. Replace o-rings in gear selector handle. Readjust flap handle to loosen. Replace bilge pumps with new pumps. Replace prop governor rod end with new. Tighten bolt in LH elevator trim to reduce play. Fabricate & install small patch on bottom of LH flap. Replace RH main gear bearings. Tighten water rudder handle. Reset vacuum regulator. Treat entire aircraft with ACF50 & LPS3 corrosion treatment. Paint range marks on oil pressure. Remove vacuum pump Model 211CC, S/N 1AG229 & install new 215CC pump S/N 10AP5308. Reseal forward most point in front wheel well with proseal. Float check hull for leaks, tighten rivets & reseal as required. Replace LH aileron hinge pins with new pins. Replace smoking rivets on RH wing. Found faulty instrument dimmer switch, remove, install used serviceable switch, ops check, ok. Comply with Lake SB B-76 Trunion Tube Inspection & Treatment by treating trunion tubes & gear legs with LPS3 & installing trunion caps. AD93-05-06 ACS Gerdes ignition switch; next due tach 3807.17.

Harry Shannon
Harry Shannon, A&P 1713252

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				

Piedmont Hawthorne Rochester, New York

N2994P LA-4-200 S/N 956 TACH 1901.37

Removed main battery, replaced with new battery P/N G-35S. S/N G01860558. Operational check satisfactory.

This aircraft and/or component has been repaired and/or inspected in accordance with current Federal Air Regulations and was found to be in an airworthy condition with respect to the work performed and is approved for return to service.

Signed D. Patrick Herring W/O 0120 Date 10/26/99

Piedmont Hawthorne
1265 Scottsville Road
Rochester, New York 14624
CRS #VY2R257L

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				

N2994P
SN956

TACH 1920.5
11 Jan 2000

Remove nose gear upper drag strut & actuator rod, inspect for cracks, found none, reinstall & rig. Replace missing screw on LH stab tip. Replace non-skid on step frame on both canopy door openings. Touch-up paint as needed. Reset indicator threshold for gear alert. Replace hydraulic fittings on hydraulic sled & reseal as required. Replace missing nose bonnet seal with new. Remove tach & install new Electronics International Digital Tach with time tach time set to current tach (1920.5 hrs.). Service nose gear oleo with Nitrogen & hydraulic fluid. Replace LH main gear tire & tube. Check vacuum gauge for low RPM reading; ops check okay. Remove prop governor & reinstall after reseal by Aviation Propellers, Inc. Check all fuel filters. Fabricate & install new rear baffle center angle. Clean & repair airbox support. Install taper pin in RH OB trim bellcrank to tighten. Reseal scupper. Replace fuel filter with new. Service accumulator with Nitrogen. Rivet hooks in cargo box as required. Clean, prep & paint footwells white. Secure loose wires under instrument panel. Replace o'rings in gear selector handle. Readjust flap handle to loosen. Replace bilge pumps with new pumps. Replace prop governor rod end with new. Tighten bolt in LH elevator trim to reduce play. Fabricate & install small patch on bottom of LH flap. Replace RH main gear bearings. Tighten water rudder handle. Reset vacuum regulator. Treat entire aircraft with ACF50 & LPS3 corrosion treatment. Paint range marks on oil pressure. Remove vacuum pump Model 211CC, S/N 1AG229 & install new 215CC pump S/N 10AP5308. Reseal forward most point in front wheel well with proseal. Float check hull for leaks, tighten rivets & reseal as required. Replace LH aileron hinge pins with new pins. Replace smoking rivets on RH wing. Found faulty instrument dimmer switch, remove, install used serviceable switch, ops check, ok. Comply with Lake SB B-76 Trunion Tube Inspection & Treatment by treating trunion tubes & gear legs with LPS3 & installing trunion caps. AD93-05-06 ACS Gerdes ignition switch; next due tach 3807.17.

Harry Shannon
Harry Shannon, A&P 1713252

DATE

19

N2994P
SN956TACH 1835.03
10 Apr 1999ions
of
ies.)

Service MG oleo's with Nitrogen. Tighten RH trim tab. Remove rudder trim. lube. check ops, reinstall & test. ops okay. Repack nose wheel bearings. Install missing screws on inside of cargo door. Replace missing screws on LH wing tip. Install digital O.A.T. Replace flap selector valve with new. Lubricate aircraft. Tighten alternator belt. Replace missing screws in RH front forward interior panel under dash. Install fire extinguisher. Install battery hold down strap. Install safety non-skid tape on steps & door entry sills. Install placards as required. Remove heater bonnet, remove fan grate, clean & paint. Replace fuel solenoid valve in heater. Relocate instruments as required for better visibility for pilot. Replace NAV light toggle switch with new. Install canopy door edge moulding. Replace bad connectors on engine gauge lights.

Harry Shannon
Harry Shannon, A&P 1713252

Date: 05/25/99, A/C Time: hours, N Number: N2994P

A/C Make: CONSOLIDATED A/C Model: LA 4-200 A/C SN: 956 W.O. NO: 052499/2

Removed the following equipment: NO EQUIPMENT REMOVED

Installed the following equipment: 3M WX 10 PROCESSOR 3M WX 10 DISPLAY 3M WX 10 ANTENNA
3M WX 10 CABLE ASSEMBLY/HDWE.

The installation was performed in accordance with manufacturers specifications and is approved for return to service.

The new aircraft empty weight is: 1779.15 lbs.

The new center of gravity is 110.92 inches.

The new moment is: 197346.2

The new useful load is: 910.85 lbs. Authorized signature for:

CUSTOM AVIONICS, 418 BARTOW MUNICIPAL AIRPORT, BARTOW, FL. 33830 CRS # TK4R547M

DATE

19 99

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
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.)

9/8

1885.5

Swing compass and install new
compensation card.
Grease wheels, landing gear and
control hinges
Adjust cabin controls to neutral
flight test and adjust trim tabs
for level flight.
Replace panel light fuse.

Jeff L. Barshad
CRS # B2ER1442

DATE

19

N2994P
SN956TACH 1835.03
10 Apr 1999ions
of
ies.)

Service MG oleo's with Nitrogen. Tighten RH trim tab. Remove rudder trim, lube, check ops, reinstall & test, ops okay. Repack nose wheel bearings. Install missing screws on inside of cargo door. Replace missing screws on LH wing tip. Install digital O.A.T. Replace flap selector valve with new. Lubricate aircraft. Tighten alternator belt. Replace missing screws in RH front forward interior panel under dash. Install fire extinguisher. Install battery hold down strap. Install safety non-skid tape on steps & door entry sills. Install placards as required. Remove heater bonnet, remove fan grate, clean & paint. Replace fuel solenoid valve in heater. Relocate instruments as required for better visibility for pilot. Replace NAV light toggle switch with new. Install canopy door edge moulding. Replace bad connectors on engine gauge lights.

Harry Shannon
Harry Shannon, A&P 1713252

Date: 05/25/99, A/C Time: hours, N Number: N2994P

A/C Make: CONSOLIDATED A/C Model: LA 4-200 A/C SN: 956 W.O. NO: 052499/2

Removed the following equipment: NO EQUIPMENT REMOVED

Installed the following equipment: 3M WX 10 PROCESSOR 3M WX 10 DISPLAY 3M WX 10 ANTENNA
3M WX 10 CABLE ASSEMBLY/HDWE.

The installation was performed in accordance with manufacturers specifications and is approved for return to service.

The new aircraft empty weight is: 1779.15 lbs.

The new center of gravity is 110.92 inches.

The new moment is: 197346.2

The new useful load is: 910.85 lbs. Authorized Signature for:

CUSTOM AVIONICS, 418 BARTOW MUNICIPAL AIRPORT, BARTOW, FL. 33830 CRS # TK4R547M

DATE

19 99

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9/8

1835.5

Swing compass and install new
compensation card.
Swing wheels, landing gear and
control lever
Adjust cabin controls to neutral
flight test and adjust trim tabs
for level flight.
Replace panel light fuse.

Jeff L. Beahm
CRS # B2ER1442

DATE

19

N2994P
SN956TACH 1807.17
19 Nov 1998

Fabricate & install baffle tiedown kit. Fabricate & install new side baffle above cyl. #1. Stop drill & patch baffle behind #2 cyl. Replace both upper engine mount to forward cowl frame brackets. Comply with Lake SB B-76 Trunion Tube Inspection & Treatment by treating trunion tubes & gear legs with LP93 & installing trunion caps. Comply with AD93-05-06 ACS Gerdes ignition switch; by installing diodes; next due tach 3807.17. Comply with AD98-10-12 Horizontal stabilizer fittings; by paragraph (a) 1 & 2 to include fitting replacement. Comply with paragraph (b) & (c) dress as required.

Harry Shannon
Harry Shannon, A&P 1713252

DATE 19 Nov 1998 TACH/TT 1807.17 ELT BATTERY EXPIRES July 2000

I certify that this AIRCRAFT 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

N2994P
SN956TACH 1822.07
19 Feb 1999

Remove forward 3 foot section of keel, reseal & reinstall. Seal rivets in hull as required to tighten. Replace rusty screws at top left of cowl. Install new lower RH & LH cowl seal. Dress bat wings. Remove canopy snaps & plug with poprivets. Check heater ops. Dress trailing edge of pylon Tighten smoking rivets in pylon. Reinforce cabin roof. Replace defroster vent screens in glareshield. Install canopy seals. Wire in heater duct stat. Replace fuel switch. Fabricate & install new brake hoses. Install new interior.

Harry Shannon
Harry Shannon, A&P 1713252

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Aircraft Refinishers

Williston, Florida

Date

2/6/99

Registration
Number

N2994P

Hobbs

Aircraft completely repainted. Removed all flight control surfaces, striped, etched, alodined. Checked for weight & balance within limits specified by manufacturer. Reinstalled controls and painted with Dupont Imron base primer. Zinc chromate

Refinished by Aircraft Refinishers

Colors:

72092 GRAY
95922 white

75334 purple

7165 Blue

Chroma Green

A/P

J. Hoffman
755732

DATE

19

N2994P
SN956TACH 1807.17
19 Nov 1998rations
iber of
entries.)

Replace skins on rudder, LH elevator & batwings per 337 this date. Remove NG upper drag strut & install K-175 type Model; remove actuator rod & inspect for cracks, found none, reinstall. Remove Lycoming IO-360-A1B engine & reinstall after overhaul & mod by Zephyr Aircraft Engines, Inc. FAA CRS #V14R597M, on W.O. No. 98097, dated 5/29/98, to IO-360-A1B6 per 337 this date. Note: S.N. remained the same. 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/N7343W & 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. Install Lake & Air, Inc. Amphibious Landing Gear Position Advisory System, S/N 1381 per 337 this date. Install Lake Central Air Services Wing Fairing kit per 337 this date. Install Lake Aircraft, Inc. Cargo Door Kit per 337 this date. Install Aero-Trim, Inc. Adjustable Rudder Trim Tab per 337 this date. Install Whelen Tip strobes per 337 this date. Replace both aileron boots. Replace rusty hardware on stall warning horn. Install new water rudder bushing & shaft. Replace water rudder cable housing. Tighten water rudder handle. Replace j-nuts as required. Install screws on mixture bracket. Dress & replace pylon wiring as required. Replace aft pylon

DATE
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N2994P
SN956TACH 1807.17
19 Nov 1998

fairing with new. Leak check hull, tighten loose rivets. Tighten hydraulic filter into block at instrument panel. Replace ELT battery new expire July 2000. Replace landing light lens. Reinstall seat belts after reweb by Aircraft Belts, Inc.. Remove Southwind heater & reinstall after O/H by Harold Haskins, Inc. on W.O. No. 12933, dated 6/10/98. Fabricate & install doubler & 2nd front cleat. Install OMNI hull mounted transponder antenna per Lake Aircraft factory drawing No. 3-35000 dated 24 June 1991. Install new vacuum gauge. Replace NG down switch. Replace bearings & races in nose wheel. Remove MG olecs, replace o'rings, service with 3606 hydraulic fluid & reinstall. Clean manifold pressure line at left of cabin just below rear seat vent & seal. Install cowl alignment pin set. Replace all vacuum rubber hoses under panel. Remove control yokes & install Lake Aircraft, Inc. control yoke Kit K-181 per factory installation instructions. Free up prop control cable & rig. Fabricate & install angles on baggage box to strengthen. Replace glass all around with new. Install heater thermostat. Install tinnerman anchor nuts for floor board attachment. Install rear entry passenger steps. Rig NG up lock. Replace DME antenna. Replace hardware as required on engine cowl. Replace heater bonnet rivnuts with anchor nuts. Replace leather engine chaff strap. Replace oil cooler baffle. Stop drill crack on air box; fabricate & install per

Aircraft Record General Information

Manufacturer LAKE Model LA4/200
Serial 956 Registration Number N2994P
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Lycoming Model IO-360-A1B6 Serial L-19973-51A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer HARTZELL Model HC-C2YK-10LF/FL7666A-2
HUB Model _____ Serial CH24010E Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

LAKE AIRCRAFT
LAKE LA-4-200

S/N 956
N2994P

AIRCRAFT LOG
AL-12P

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
10-3-97	1747.9	check up aircraft, clean + grease wheel bearings perform retraction check Remove floorboards, clean + vacuum hull of Clean battery box. (w) FAR 91.207(d) EET inspection + operations test (w) SD93-07-05 Synonym steel fuel line inspection 333423 no cracks found Remove elevator pivot bolt inspect condition checkmarks, replace bolt in back to + reassemble Check aircraft. I CERTIFY THAT THIS <u>Aircraft</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>97-19</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STATION <u>82ER144J</u> TOTAL TIME <u>1747.9</u> TACH <u>1747.9</u> DATE OF INSPECTION <u>10-3-97</u>

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. Any changes shall be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Removed Dukes Aux Fuel Pump, P/N 4140-00-19A, S/N 6776. Install Weldon Aux Fuel Pump, Model No. 8120-G.
 Installation done I/A/W Aero Fab, Inc. drawing # L-0380C, revision c dated 4-12-82.
 No change in weight and balance.

END

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
10-3-97	1747.9	Jack up aircraft, clean + grease wheel bearings and brake retraction check. Remove floorboards, clean + vacuum hull of aircraft. Clean battery box. c/w FAR 91.207(d) EIT inspection + operation test. c/w SD93-07-05 Lycoming steel fuel line inspection I/A/c 38342B no cracks found Remove elevator pivot bolt, inspect condition of bolts, replace bolt, check + reassemble. Check aircraft. I CERTIFY THAT THIS <u>Aircraft</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>97-19</u> CHECKED. OPERATIONAL CHECK SATISFACTORY. SIGNATURE <u>[Signature]</u> FOR REPAIR STATION <u>22ER144J</u> TOTAL TIME <u>1747.9</u> TACH <u>1747.9</u> DATE OF INSPECTION <u>10-3-97</u>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		Bay Air Flying Service, Inc. N2994P Date: 12/09/97 Work Order 3159 Tach: 1790.8 Airframe Total Time: unk SMOH: n/a Jacked aircraft nose, removed nose wheel, repacked wheel bearing, reinstalled nose wheel, removed from jacks. Signature <u>[Signature]</u> A&P 263879732

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7-22-97	1715.8	Jack up aircraft, replace R/H main tire with new 2:00 x 6 x 6 Under tire, grease bearings + fill with. Replace L/H brake lining and one on R/H Check + lubricate adjustment pins on calipers Perform retention check, lubricate drag links + service hydraulic reservoir. Service all struts with 506 + nitrogen. Replace R/H nose light AS 11512 Repair wiring to compass light. Replace gear club per service manual. Remove and clean fuel inlet filter. (W.O. # 49600) Jeff H. Baskin CRS # B2ER144J

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8-12-97	1719.5	Replace alternate air door spring + check operation Replace throttle quadrant lock washer. Install new stroke light switch/bushings. Remove + clean rear fuselage tank drain. Replace pilot door hinge + airboard seal W.O. # 49677 Jeff H. Baskin FAA Certified Repair Station B2ER144J