

THE  
**adlog**<sup>TM</sup>

AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AIRFRAME  
MAINTENANCE  
RECORDS**



# AIRFRAME MAINTENANCE RECORDS

Log No. II

Aircraft Registration No. N 8971Y

Aircraft Mfg. PIPER Model PA-39 Serial No. 39-134

LT Engine Mfg. LYCOMING Model I0-320-CIA Serial No. L4014-55A

RT Engine Mfg. LYCOMING Model L10-320-CIA Serial No. L292-66A

## LEFT

Propeller Mfg. HARTZELL Model HC-E2YL-2BS Serial No. 7663-4

Hub Design No. \_\_\_\_\_ Hub Serial No. 4403

Blade Design No. \_\_\_\_\_ Blade Serial No's. B93213

B93316

Propeller Mfg. HARTZELL Model HC-E2YL-2BLS Serial No. J-7663-4

Hub Design No. \_\_\_\_\_ Hub Serial No. 310

Blade Design No. \_\_\_\_\_ Blade Serial No's. B83370

B83361

(All applicable information must be filled in)

**AERO**  
**TECH PUBLICATIONS INC.**  
P.O. BOX 6005/FREEHOLD, N.J. 07728  
(908) 462-5330

# AIRFRAME MAINTENANCE RECORDS

Log No. II

Aircraft Registration No. N 8971Y

Aircraft Mfg. PIPER Model PA-39 Serial No. 39-134

LT Engine Mfg. LYCOMING Model I0-320-CIA Serial No. L4014-55A

RT Engine Mfg. LYCOMING Model L10-320-CIA Serial No. L292-66A

LEFT

Propeller Mfg. HARTZELL Model HC-E2YL-2BS Serial No. 7663-4

Hub Design No. \_\_\_\_\_ Hub Serial No. 4403

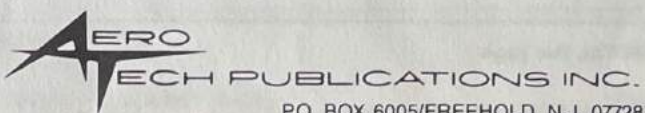
Blade Design No. \_\_\_\_\_ Blade Serial No's. B93213  
B93316

Propeller Mfg. HARTZELL Model HC-E2YL-2BLS Serial No. J-7663-4

Hub Design No. \_\_\_\_\_ Hub Serial No. 310

Blade Design No. \_\_\_\_\_ Blade Serial No's. B83370  
B83361

(All applicable information must be filled in)



P.O. BOX 6005/FREEHOLD, N.J. 07728  
(908) 462-5330

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	------------------------------	---

8/1/94	1831.43	TOTAL brought forward from previous page
--------	---------	--

AIRFRAME LOG ENTRY:

8-11-94 PA-39 N8971Y S/N 39-134 PIPER

Left tack: 1783.00 Total: 2703.18 SMOH: 603.18  
 Right tack: 1831.43 Total: 1831.43 STOH: 192.13

Removed and lubricated left side fuel selector valve.  
 Installed two new Horizon Instruments Model P-1000 electronic tachometers.

Tack time on left tack programmed for 1783.00 hours-serial # 9421303. Right tack programmed for 1831.43 hours-serial # 9421304.

Installed new ELT battery. Replace on 6/96.

Removed left main gear trunion. Had rebuilt and tested by S&B Industries. Replaced and checked. Performed gear retraction test.

Replaced bungee cords left and right main gear.

Replaced brake lining left and right sides.

Cleaned and painted battery box. Replaced vent hoses on battery box.

Re-packed three wheel bearings.

Re-sealed front strut.

Lubricated all controls, cables, and pulleys.

Cleaned interior of aircraft.

At the time of this inspection it is certified that this aircraft had been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DATE 8/1/94 TOTAL HRS. 1831.43

I certify that this Aircraft has been inspected with a

Annual inspection and was determined to be in Airworthy Condition

D. G. MacMillan LA. 1304844

*D. G. MacMillan*

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
<u>AIRFRAME LOG ENTRY:</u>			
4-10-95 PA-39 N8971Y S/N 39-134 PIPER			
Total Time In Service: 1900.55			
Right Engine Tack: 1900.55			
Left Engine Tack : 1851.07			
Installed overhauled turn coordinator (Serial # 8801-219).			
Installed new bungee cords on the landing gear.			
Performed emergency retract test. Lubricated complete landing gear.			
Replaced two 10-32 seat rail lugs on the right rear passenger seat rail.			
Cleaned and lubricated complete airframe.			
At the time of this inspection it is certified that this aircraft had been inspected in accordance with an annual inspection and was determined to be in airworthy condition.			
			DATE <u>4/10/96</u> TOTAL HRS. <u>1900.55</u>
			I certify that this <u>aircraft</u>
			has been inspected with a
			<u>annual</u> inspection and was
			determined to be in Airworthy Condition -
			D. G. MacMillan LA. 1304844
			<u>Del Mac Miller</u>
<u>AIRFRAME LOG ENTRY:</u>			
9-13-95 PA-39 N8971Y S/N 39-134 PIPER			
Removed Jantrol heater and had it decay tested to comply with AD # 82-07-03. Installed and tested. All O.K.			
Replaced blower motor brushes.			
Installed a new Hobbs Hour Meter on Jantrol heater. New meter reads 0 hours. Next test to be done at 100 hours or 9/13/97. Heater Serial # 8711160. Model # B2030.			
			<u>Del Mac Miller ATP 1304844</u>

SUB-TOTAL this page

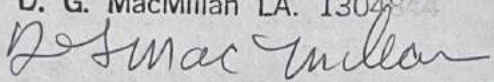
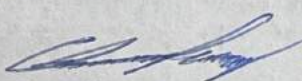
TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<b>TOTAL</b> brought forward from previous page
			9-13-95
			N8971Y
			Complied with AD82-07-03 Janitrol Decay test as per AD instructions. Decay test good. New heater hobbs installed this date, hobbs reads 0.00.
			Heater Serial number 8711160.
			Heater needs installation for return to service.
			<i>Robert M. Driscoll</i>
			Robert M. Driscoll IA237806026
			<u>AIRFRAME LOG ENTRY:</u> 4-24-96
			Total time in service: 1970.67 PA-39 N8971Y S/N 39-134 Piper
			Replaced vacuum regulator filters. Complied with AD - Landing gear bolt. AD-95-20-07. Installed new brake lining. Installed new brake calliper "O" rings. Installed a new battery. Repacked wheel bearings. Lubricated complete landing gear. Performed emergency retract test. Repaired fresh air vent cable. Cleaned interior of aircraft. Lubricated all control cables.
4/24/96	1970 <sup>67</sup>	1970 <sup>67</sup>	DATE <u>4/24/96</u> TOTAL HRS <u>1970<sup>67</sup></u>
			I certify that this <u>Aircraft</u>
			has been inspected with a
			<u>annual</u> inspection and was
			determined to be in Airworthy Condition
			SUB-TOTAL this page G. MacMillan LA. 1304844
			TOTAL—Carry forward to next page <i>G. MacMillan</i>

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			AIRFRAME LOG ENTRY: <span style="float: right;">5-21-97</span>
			Total time in service: 2030.17
			PA-39 N8971Y S/N 39-134 Piper
			Installed overhauled right auxiliary fuel pump.
			Replaced landing gear bungee cords.
			Cleaned, lubricated and tested the landing gear system and performed emergency retract test.
			Installed four new isolators on autopilot stability amplifier.
			Replaced yolk electric trim cable.
			Installed new brake lining.
			Repacked all wheel bearings.
			Installed three new tires.
			Serviced battery compartment and filled battery.
			Cleaned interior of aircraft and lubricated all cable sheaves.
			Installed overhauled directional gyro.
			Lubricated and adjusted both fuel selector valves.
			Installed new ELT battery. (Note: replace on 6/99)
			Installed a Flightcom Model 403D intercom system.
			DATE <u>5/21/97</u> TOTAL HRS <u>2030/17</u>
			I certify that this <del>aircraft</del> <u>aircraft</u> has been inspected with a <del>annual</del> inspection and was determined to be in Airworthy Condition
			D. G. MacMillan I.A. 1304844
			<i>D G MacMillan</i>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<b>TOTAL</b> brought forward from previous page
			<p><u>AIRFRAME LOG ENTRY:</u> <span style="float: right;">6-17-98</span></p> <p>Total time in service: 2086.32            PA-39 N8971Y S/N 39-134 Piper</p> <p>Removed all inspection covers. Serviced battery, landing gear and complete aircraft. Performed emergency retract test - all okay.            Lubricated complete aircraft. Installed overhauled directional gyro serial number 10914C by Kelly Instruments, Inc.</p> <p>I certify that this airframe is in airworthy condition in accordance with annual inspection.</p> <p>DATE <u>6/17/98</u> TOTAL HRS <u>2086</u> <sup>32</sup></p> <p>I certify that this <u>aircraft</u> has been inspected with a <u>annual</u> inspection and was determined to be in Airworthy Condition</p> <p>D. G. MacMillan LA. 1304864  </p>
			<p>N8971Y <span style="float: right;">6-21-99</span></p> <p>Complied with <u>AD 82-07-03</u> Janitrol Test per AD instructions. Decay test good.            Heater Serial # 8711160.            Hobbs Time: 32.6 hours</p> <p> IA149742776</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
7-12-00	2162.4	2162.4	<p>C/W Annual inspection                      Inspected &amp; LUBED AIRCRAFT I/A/W                      Piper service manual &amp; inspection checklist                      Replaced LEFT Fuel selector                      Replaced LEFT fuel Boost Pump                      Tested &amp; insp. ELT I/A/W FAR 91.207(d)                      Performed several Fault free gear cycles &amp; emergency extensions                      Checked &amp; C/W All AD's (see AD section)                      Functional check of all systems satisfactory. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION &amp; WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.  <i>Changsheng</i> IA 19974276</p>
8-11-01	2197.3	2197.3	<p>C/W ANNUAL INSPECTION                      Inspected &amp; LUBED AIRCRAFT I/A/W                      Piper service manual &amp; inspection checklist                      Replaced BOTH MAIN TIRES                      Replaced all BRAKE LININGS                      Repacked LT BRAKE CYL &amp; BLED                      Replaced MLG BUNGIES                      Tested &amp; insp. ELT I/A/W FAR 91.207(d)                      PERFORMED several Fault free gear cycles &amp; emergency extensions (next page)</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
8-11-01	(cont)		Check & C/w All AD's (see AD section) Functional check of all systems satisfactory I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <del>Signature</del> IA149742776
12-19-02	251.6		C/w ANNUAL INSPECTION Inspected & Lubed AIRCRAFT I/A/W Piper SERVICE MANUAL & INSPECTION CHECKLIST Replaced ELT Battery. Tested & inspected I/A/W FAR 91.207(d) PERFORMED several Fault-Free Gear cycles Removed & Replaced WINDSCREEN w/new Removed Rt. Fuel selector, set for OH. Reinstalled Replaced instrument air Filters Checked & c/w All AD's Functional check of all systems satisfactory I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <del>Signature</del> IA149742776

SUB-TOTAL this page

TOTAL—Carry forward to next page

Test Alt. Ft.	Tol	Actual Ft.	Friction Tol	Tol	W.O.I	DATE
-1000	20	75	1000	70	10	
0	20	0	2000	70	10	
500	20	-10	3000	70	10	
1000	20	-5	4000	70	10	
1500	25	-10	10000	80	20	
2000	30	-10	15000	90	30	
3000	30	-10	20000	100	30	
4000	35	-15	25000	120	30	
6000	40	-20	30000	140	30	
8000	60	-20	35000	160	30	
10000	80	-30	40000	180	30	
12000	90	-45	45000	250	30	
14000	100	-30				
16000	110	-40				
18000	120	-20				
20000	130	-10				
22000	140					
25000	155					
30000	180					
35000	205					
40000	230					
50000	255					
50000	280					

MAKE: Verted MODEL: 5934  
 Bare Scale Error Tol + .25 Ft.  
 IN HG ALT. D.F. ACT  
 28.10 -1727 -1725  
 28.50 -1340 -1325  
 29.00 -843 -855  
 29.50 -382 -385  
 29.92 0  
 30.50 + 531  
 30.80 + 893  
 30.99 + 974  
 Hysteresis + .75 Ft.  
 505 10  
 405 20  
 After Eff. Tol. + 30 Ft.  
 W.O.I 20  
 DATE 7/18/03  
 Avionics Repair & Installation  
 FAA CRS XPRR-648K  
 AIRPORT RADIO  
 N8971Y  
 MC P439 IN 8971Y  
 OWNER L. Pae

tested and inspected and found to comply  
 with FAR 91.413 and FAR 43 appendix F  
 Date 7/18/03 Signature [Signature]  
 Airport Radio CRS # XPRR648K  
Watt 2000

**AIRCRAFT LOG ENTRY**

N8971Y  
 April 6, 2004  
 ITAF: 2270.2

C/W ANNUAL INSPECTION  
 INSPECTED & LUBED AIRCRAFT I/A/W PIPER SERVICE  
 MANUAL & INSPECTION CHECKLIST  
 PERFORMED SEVERAL FAULT-FREE GEAR CYCLES  
 REPLACED ELT BATTERY, INSP. & TEST I/A/W FAR  
 91.207 (d).  
 C/W AD 74-16-08 AFT BULKHEAD BY INSPECTION  
 C/W AD 77-13-21 MLG BUNGEEES BY REPLACEMENT  
 C/W AD 79-12-08 FUEL SELECTORS BY OPS CHECK  
 C/W AD 83-10-01 FUEL CONTAMINATION BY INSP.  
 C/W AD 94-13-10 TORQUE TUBE BEARINGS BY INSP.  
 FUNCTIONAL CHECK OF ALL SYSTEMS  
 SATISFACTORY. I CERTIFY THIS AIRCRAFT HAS BEEN  
 INSPECTED I/A/W AN ANNUAL INSPECTION & WAS  
 DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signature [Signature]  
 Charles L. Rosky  
 IA149742776

SUB-TOTAL this page  
 TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	------------------------------	---

TOTAL brought forward from previous page

Logbook Entry

Date 3/14/2005 Make: Piper N# 8971Y  
 Replaced missing postlights (3). Repaired broken middle marker lamp wiring.  
 Installed harness for portable GPS.  
 The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current  
 Pertinent details of this repair are on file at this Repair Station under Work Order No. 05-331

*Timothy E. Emge*  
 For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN. 47725 CRS No. PG2R082L  
 Phone (812) 425-2603 FAX (812) 425-2129 E-Mail rcollins1@insightbb.com

Logbook Entry

Date 3/14/2005 Make: Piper N# 8971Y  
 Installed airspeed p/n 8125, s/n 52285 after factory repair, ops check ok.  
 The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current  
 Pertinent details of this repair are on file at this Repair Station under Work Order No. 05-327

*Timothy E. Emge*  
 For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN. 47725 CRS No. PG2R082L  
 Phone (812) 425-2603 FAX (812) 425-2129 E-Mail rcollins1@insightbb.com

4-6-2005 RT ENG TACH & TTAF 2357.24 HEATER HOBBS 83.5

AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER  
 PIPER & FAR 43. CK'D & LUBED ALL PULLIES, BELLCRANKS,  
 ROD ENDS, HINGE POINTS. GREASED GEAR & CK'D GEAR  
 RETRACTION, ELECTRICAL & MANUAL TEST-OK- CK'D FLIGHT  
 CONTROLS, CK'D SEATS, BELTS, FUEL SYSTEM, DOORS, WINDOWS,  
 CK'D PLACARDS, MARKINGS, CK'D ELT BATTERY, MANUAL & IMPACT  
 TESTED 3 SWEEPS EACH, CK'D WHEELS, BRAKES, LIGHTS. REPLACED  
 THE RT LANDING LIGHT ASSY WITH A KNOTS 24 HIGH INTENSITY  
 DISCHARGE LIGHT KIT<sup>TR</sup> RMDH10 PER STL# SA01834CH. FILED  
 FORM 337 THIS DATE. REPLACED THE MANIFOLD PRESSURE GAUGE  
 WITH A KELLY INSTRUMENTS REBUILT UNITED P/N 6020  
 S/N 32709 UNDER W.O. 115240. SERVICED STARTING BATTERY &  
 BRAKE FLUID. CONTINUED ON THE NEXT PAGE →

SUB-TOTAL this page
TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	RT ENG		TOTAL brought forward from previous page
4-6-05	TACH & TAP 2357.24		CONTINUED FROM PREVIOUS PAGE, HEATER HOBS 83.5 REPLACED BOTH VACUUM GAUGE FILTERS, REPLACED BOTH ENGINE AIR FILTER ELEMENTS, CWAD -04-21-05 ON THE HEATER, AD 04-25-16 REVISED BY AD 04-25-16 R1 CW PER AD-NOLEAKS, AD 80-09-10 SUPERSEDED BY AD 82-07-03, AD 82-07-03 SUPERSEDED BY AD 96-20-07, AD 96-20-07 SUPERSEDED BY AD 04-21-05 CW PER AD, AD 01-08-01 SUPERSEDED BY AD 01-17-13, AD 01-17-13 SUPERSEDED BY AD 04-25-16, AD 04-25-16 REVISED BY AD 04-25-16 R1 CW PER AD, CWAD 79-12-08 FUEL SELECTOR VALVES, CWAD 83-10-01 FUEL SYSTEM, CWAD 94-73-10 RESTABILATOR PER AD + SB 411A, AD 98-04-27 SUPERSEDED BY AD 99-14-01 THIS IS N/A CONFIGURATION, CWAD ADS TO DATE.
			<p>I Certify this AIRCRAFT to be in an airworthy condition. I/A/W an <u>annual</u> inspection. Michael D. Vieke A &amp; P 308509011 I.A.</p>

Date: 4/11/2005 Make: PIPER Model: PA-39 N# 8971Y

REPAIRED STORMSCOPE AND SYS CHECKS WERE NORMAL.

The aircraft identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service for the work performed. Pertinent details of this repair are on file at this Repair Station under Work Order No. 05-0330

*[Signature]*  
For: Ron Collins Aviation Electronics  
6103 Flightline Drive  
Evansville, IN 47711  
CRS No. PG2R082L

Phone (812) 425-2603  
FAX (812) 425-2129

SUB-TOTAL this page  
TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<p style="text-align: center;">Logbook Entry</p> <p>Date <u>4/15/2005</u> Make: <u>Piper</u> N# <u>8971Y</u>            Installed GDL 69 weather data receiver PN 010-00326-01 SN 47700462. Placed ty-wrap on circuit breaker to disable until approval received to program.            Installed GA 55 antenna PN 010-10600-01 SN 87501240.            The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current Pertinent details of this repair are on file at this Repair Station under Work Order No. 05-0630</p> <p style="text-align: center;"><i>Timothy E. Eange</i></p> <p>For: Ron Collins Aviation Electronics 6103 Flightline Drive Evansville, IN. 47725 CRS No. PG2R082L            Phone (812) 425-2603 FAX (812) 425-2129 E-Mail rcollins1@insightbb.com</p>
			<p>Date: <u>4/15/2005</u> Make: <u>PIPER</u> Model: <u>PA-39</u> Reg.: <u>N8971Y</u>            Installed Garmin model GDL-69 P/N 010-00326-01 S/N 47700462, GA-55 P/N010-10600-01 S/N 87501240 Updated GNS-530 FMS.            The Aircraft Weight &amp; Balance and Equipment List have been revised.            For details of this installation and <b>Instructions for Continued Airworthiness</b>, see FAA Form 337.            The aircraft identified above was altered and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service for the work performed.            Details are on file at this agency under Work Order 05-0630.</p> <p style="text-align: center;"><i>Timothy E. Eange</i></p> <p>For: Ron Collins Aviation Electronics            6103 Flightline Drive Phone (812) 425-2603            Evansville, IN 47725 FAX (812) 425-2129            CRS No. PG2R082L E-mail rcollins1@insightbb.com</p>
5-2-06	FLIGHT TACH 877AF	2506.24	<p>HEATED HOBBS 190.6</p> <p>AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER FAR 43. CHECK LUBED ALL PULLIES, BELLCRANKS, ROD ENDS, HINGE POINTS, C/D GEAR RETRACTION, C/D WHEELS, BRAKES, REPLACED BUNGERS, C/D LIGHTS, SEATS, BELTS, DOORS, WINDOWS, FLIGHT CONTROLS, C/D THE ELT BATTERY, MANUAL &amp; IMPACT TESTED 3 SWOOPS EACH, REPLACED BOTH ENGINE AIR FILTER ELEMENTS, REPLACED BOTH VACUUM GAUGE FILTERS, SERVICED BRAKE SYSTEM &amp; STARTING BATTERY, CWAD 77-12-08 FUEL SELECTOR VALVES, CWAD 83-10-01 FUEL SYSTEM, CWAD 94-13-10 STABILATOR, CWAD 04-21-05 HEATER, CWAD 04-25-16R1 HEATER, C/D AD'S TO DATE CWAD 77-13-21 SEE AD LIST IN BACK OF AD LOG BOOK</p>
SUB-TOTAL this page			
TOTAL—Carry forward to next page			

I Certify this AIRCRAFT to be in an airworthy condition. I/A/W an ANNUAL inspection.  
 Michael D. Vieke  
 A & P 308509011 A

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
5-22-2007	RTTACH + TTAF	2673.60	HEATER HOBBS 204.40
			<p>AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER PAR 43.            CK'D + LUBED ALL PULHES, BELLCRANKS, ROD ENDS, HINDGE AXLES,            CK'D GEAR RETRACTION, WHEELS, BRAKES, FLIGHT CONTROLS,            LIGHTS, DOORS, WINDOWS, SEATS, BELTS, INSTRUMENTS, PLACARDS,            MARKINGS, OXYGEN SYSTEM, FUEL SYSTEM, REPLACED THE ECT            BATTERY, MANUAL + IMPACT TESTED 3 SWEEPS EACH, BATTERY            DUE JULY 2009, CK'D GENERAL CONDITION OF THE AIRCRAFT,            CWAD 79-12-08 FUEL SELECTOR VALVES, CWAD 83-10-01            FUEL SYSTEM, CWAD 04-21-65 HEATER, CWAD 04-25-16R1 HEATER,            CK'D A0'S THRU 2007-10 SEE AD LIST, REPLACED BOTH VACUUM GANER            FILTERS + BOTH ENGINE AIR FILTER ELEMENTS.</p>
			<p>I Certify this AIRCRAFT to be in an            airworthy condition I/A/W an ANNUAL            inspection.            Michael D. Vieke            A &amp; P 308509011 I.A.</p>

**Tri-State Aero**

Date: 3/22/2007; Aircraft: N8971Y; Type: PIPER PA-39; S/N: 39-134; Hobbs: 2621.00; Tach: 2670.00; Total Time: 0.00; Engine - Type: , S/N: , Time: 0.00; Prop - Type: , S/N: , Time: 0.00  
 Shop Order #: SH-07-0534

Discrepancy: 2  
 PILOT REPORTED OXYGEN LEAKING  
 ---TROUBLESHOT OXYGEN LEAK, FOUND BOTH ENDS OF CAPILLARY LINE LEAKING AND PILOTS OXYGEN MASK RECEPTICAL LEAKING, RESEALED BOTH ENDS OF CAPILLARY LINE.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.

Signed: [Signature] Dated: 03/22/07  
 Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221

SUB-TOTAL this page

TOTAL—Carry forward to next page

Date: 8/21/2007; Aircraft: N8971Y; Type: PIPER PA-39; S/N: 39-134; Tach: 0.00; Total Time: 2639.58; Engine 1 Type: , S/N: , Time: 0.00; Prop 1 Type: , S/N: , Time: 0.00; Engine 2, Type: , S/N: , Time: 0.00; Prop 2, Type: , S/N: , Time: 0.00

Shop Order #: SH-07-0848

Discrepancy:2

LEFT ENGINE WILL NOT MAKE POWER.

Corrective Action:2

REMOVED ENTIRE ENGINE COWLING, TROUBLE SHOT FUEL SYSTEM. FLOWED FUEL FROM FUEL INJECTOR LINES, FUEL SERVO INLET FUEL LINE, AND FROM LH FUEL STRAINER. ALL THREE SOURCES HAD DIRT AND DEBRIS, WHICH CLOGGED TWO FUEL INJECTOR NOZZLES ON LEFT ENGINE. ALSO FOUND DIRT AND DEBRIS IN FUEL SERVO FINGER SCREEN PORT, AND IN FUEL STRAINER. ALL DISCREPANCIES THAT WERE FOUND ARE LISTED SEPARATELY ON THIS WORK ORDER. RE-INSTALLED ENTIRE ENGINE COWLING FOLLOWING ALL REPAIRS.

Discrepancy:3

CLEAN DIRT AND DEBRIS FROM BOTH LH MAIN AND AUX. FUEL TANKS. OWNER REQUEST WE INSTALL NEW MAIN AND AUXILIARY FUEL CELLS.

Corrective Action:3

REMOVE OLD LEFT WING MAIN AND AUXILIARY FUEL TANKS. RE-TAPED ALL OF BOTH MAIN AND AUX. FUEL CELL BAYS TO PREVENT CHAFING ON NEW TANKS. INSTALLED NEW MAIN FUEL CELL PART# 534, CONSTRUCTION PART# P-2393 TSO-C80, SERIAL# CR903, MANUFACTURE DATE OF 4/07. FROM FLOATS AND FUEL CELLS INC. WHICH REPLACES OEM PART# 454-334 TANK. INSTALLED NEW LEFT WING AUXILIARY FUEL CELL PART# 532, SERIAL# CR742, DATED 11/06. FROM FLOATS AND FUEL CELLS INC. WHICH REPLACES OEM PART# 454-332 TANK. FILLED ALL TANKS WITH FUEL AND LEAK CHECKED. NO LEAKS NOTED AT THIS TIME.

Discrepancy:4

FLUSH DEBRIS FROM ALL LH FUEL SYSTEM HARD LINES UP TO ENGINE.

Tri-State Aero

Corrective Action:4

TOOK LOOSE ALL OF LEFT WING FUEL SYSTEM LINES AT UNIONS THAT WERE ACCESSABLE, AND FLUSHED WITH ALCOHOL AND COMPRESSED AIR. RE-ASSEMBLED LINES WHERE LOOSENED. CAME BACK AFTER FUEL TANK INSTALLS AND TOOK LINES LOOSE THEN FLUSHED ALL LEFT WING FUEL LINES AGAIN THIS TIME WITH FUEL. RE-ASSEMBLED LINES AND LEAK CHECKED UNDER FUEL PRESSURE. NO LEAKS NOTED AT THIS TIME.

Discrepancy:5

FLUSH DIRT AND DEBRIS FROM ALL LEFT ENGINE FLEXABLE FUEL LINES. REPLACE ANY LINES THAT ARE DRY WROTTED OR DAMAGED.

Corrective Action:5

REMOVED ALL LEFT ENGINE FLEXABLE FUEL LINES FROM ENGINE NACELLE FIRE WALL FORWARD. FLUSHED LINES WITH ALCOHOL AND COMPRESSED AIR. RE-INSTALLED ALL FLEXABLE FUEL LINES AND FLUSHED AGAIN WITH FUEL. TORQUED ALL FITTINGS AND LEAK CHECKED UNDER FUEL PRESSURE. NO LEAKS NOTED AT THIS TIME.

Discrepancy:6

FLUSH DIRT AND DEBRIS FROM FUEL DISTRIBUTION BLOCK, FUEL INJECTOR LINES, AND FUEL SERVO.

Corrective Action:6

REMOVED LEFT ENGINE FUEL DISTRIBUTION BLOCK AND FLUSHED OUT WITH ALCOHOL AND LOW PRESSURE COMPRESSED AIR. REMOVED ALL LEFT ENGINE FUEL INJECTOR LINES TO EACH CYLINDER, AND FLUSHED OUT WITH ALCOHOL AND COMPRESSED AIR. FLUSHED OUT LEFT ENGINE FUEL SERVO WITH ALCOHOL AND LOW PRESSURE COMPRESSED AIR. RE-INSTALLED ALL OF ABOVE MENTIONED PARTS AND FLUSHED OUT AGAIN WITH FUEL. TORQUED ALL FUEL LINES AND LEAK CHECKED UNDER FUEL PRESSURE. NO DEFECTS NOTED AT THIS TIME.



Discrepancy:7

CLEAN ALL LEFT ENGINE FUEL INJECTOR NOZZLES.

Continued on next page.

SUB-TOTAL this page

TOTAL—Carry forward to next page

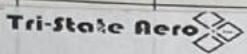
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
<p><b>Tri-State Aero</b> </p> <p>Corrective Action:7 REMOVED AND CLEANED ALL OF LEFT ENGINE FUEL INJECTOR NOZZLES. RE-INSTALLED NOZZLES I/A/W GAMI-JECTORS INSTALATION INSTRUCTIONS. INSTALLED NEW O-RINGS ON INJECTORS AND INSTALLED UPPER DECK PRESSURE FITTINGS AND LINES. LEAK CHECKED FUEL NOZZLES UNDER FUEL PRESSURE. NO LEAKS NOTED AT THIS TIME.</p> <p>Discrepancy:8 LH FUEL SELECTOR VALVE LEAKING INTERNALLY MUST BE REPAIRED I/A/W AD 79-12-08.</p> <p>Corrective Action:8 REMOVED LEFT HAND FUEL SELECTOR VALVE PART# 1H7-7, SERIAL# 81407 AND SENT OUT TO AMETEK B&amp;S AIRCRAFT PARTS &amp; ACCESSORIES INC FOR REPAIR. RE-INSTALLED REPAIRED LEFT HAND FUEL SELECTOR VALVE PART# 1H7-7, SERIAL# 81407. REPAIRED BY AMETEK B&amp;S AIRCRAFT PARTS AND ACCESSORIES INC. ON THEIR WORK ORDER# R07-04584, DATED 8/14/07. LEAK CHECKED FUEL SELECTOR UNDER FUEL PRESSURE NO LEAKS NOTED AT THIS TIME.</p> <p>Discrepancy:9 TECHNICAL RESEARCH FOR FUEL SYSTEM OF AIRCRAFT, AND ENGINE.</p> <p>Corrective Action:9 PERFORMED TECHNICAL RESEARCH ON AIRCRAFT FUEL SYSTEM, LEFT ENGINE AND AIR WORTHINESS DIRECTIVES.</p> <p>Discrepancy:10 DEFUEL BOTH LH AND RH MAIN AND AUX. FUEL TANKS.</p> <p>Corrective Action:10 DEFUELED BOTH LEFT AND RIGHT WINGS INTO FUEL STORAGE CONTAINERS. 70 GALLONS TOTAL. SERVICED BOTH LEFT AND RIGHT WINGS WITH FUEL FROM STORAGE CONTAINERS</p> <p>Discrepancy:11 NUMBER THREE CYLINDER FUEL INJECTOR LINE FITTING CRACKED AT DISTRIBUTION BLOCK.</p>			
<p><b>Tri-State Aero</b> </p> <p>Corrective Action:11 INSTALLED NEW NUMBER THREE FUEL INJECTOR LINE PART# LW12098-0-210. LEAK CHECKED FUEL LINE UNDER FUEL PRESSURE. NO LEAKS NOTED AT THIS TIME.</p> <p>Discrepancy:12 LH AUX. FUEL TANK FUEL QUANTITY SENDING UNIT RUSTED AND MOUNTING HARDWARE RUSTED. HARDWARE WILL HAVE TO BE DRILLED OUT FOR REMOVAL.</p> <p>Corrective Action:12 DRILLED OUT MOUNTING HARDWARE FOR LEFT HAND AUX. TANK FUEL SENDING UNIT. RE-INSTALLED SENDNING UNIT WITH NEW HARDWARE.</p> <p>Discrepancy:13 AD 02-26-01 FUEL INJECTION LINE INSPECTION DUE ON LEFT ENGINE.</p> <p>Corrective Action:13 COMPLIED WITH AIRWORTHINESS DIRECTIVE 02-26-01 AMEND. 39-12986, DATED 1/31/03, (FUEL INJECTION LINES), INSPECTED IN ACCJRDANCE WITH TEXTRON LYCOMING SB 342D, (REF AD PARAGRAPH C).</p> <p>Discrepancy:14 AD 79-12-08 AMENDMENT: 39-3493, DATED JUNE 19, 1979. PART A- FUEL LEAKAGE INSIDE FUEL SELECTOR VALVE</p> <p>Corrective Action:14 COMPLIED WITH AD 79-12-08 AMENDMENT: 39-3493, DATED JUNE19, 1979. PART A FUEL LEAKAGE INSIDE FUEL SELECTOR VALVE. SENT OUT LEFT HAND FUEL SELECTOR VALVE FOR REPAIR. SEE DESCREPENCEY# 8</p> <p>Discrepancy:15 AD 83-10-01 AMENDMENT: 39-4649. DATED JUNE 15, 1983. TO PREVENT RETENTION OF WATER CONTAMINATION AND DETERIORATION OF THE FUEL SYSTEM.</p> <p>Corrective Action:15</p>			
Continued on next page.			

**SUB-TOTAL** this page

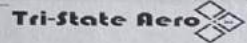
**TOTAL**—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	------------------------------	---

TOTAL brought forward from previous page



COMPLIED WITH AD 83-10-01 AMENDMENT 39-4649 DATED JUNE 15, 1983. INSTALLED PLACARD ON FUEL SELECTOR SUMP DOOR IN FLOOR BETWEEN SEATS.  
 Discrepancy:16  
 LEFT ENGINE NUMBER 2 CYLINDER EXHAUST HAS MISSING HOLD DOWN STUD AND ATATCHING HARDWARE.  
 Corrective Action:16  
 REMOVED EXHAUST STACK FROM LEFT ENGINE NUMBER 2 CYLINDER INSTALLED HELICOIL AND NEW STUD IN REFERENCE TO AC4313-1B CHAPTER 4, AND REINSTALLED EXHAUST STACKS FOR CYLINDER #S 1,2,3,4.  
 Discrepancy:17  
 LT ENGINE NUMBER 3 CYLINDER EXHAUST RISER FLANGE MOUNT HARDWARE LOOSE.  
 Corrective Action:17  
 REMOVED EXHAUST STACKS FROM LEFT ENGINE. INSTALLED HELI-COIL AND NEW STUD FOR NUMBER 3 CYLINDER. IN REFERENCE TO AC4313-1B SECTION 4. RE-INSTALLED EXHAUST STACKS FOR CYLINDER #'S 1,2,3,4.  
 Discrepancy:18  
 LEFT ENGINE MANIFOLD PRESSURE LINE CRACKED.  
 Corrective Action:18  
 FABRICATED AND INSTALLED NEW LEFT ENGINE MANIFOLD PRESSURE LINE FROM CYLINDER PORT FITTING TO RUBBER FLEX LINE BEHIND ENGINE. USED OLD LINE AS TEMPLATE FOR MAKING NEW LINE.  
 Discrepancy:19  
 LEFT PROPELLER SPINNER BULKHEAD CRACKED.  
 Corrective Action:19  
 RE-MOVED PROPELLER FROM ENGINE TO INSTALL NEW SPINNER BULKHEAD TO PROPELLER. PART# W23815-000. AND RE-INSTALLED PROPELLER.



Discrepancy:20  
 LEFT ENGINE ALTERNATOR BELT COMMING APART.  
 Corrective Action:20  
 INSTALLED NEW ALTERNATOR DRIVE BELT WHILE PROPELLER WAS REMOVED FOR OTHER MAINTENANCE.  
 Discrepancy:21  
 LEFT AUX. FUEL CELL CLOSEOUT PANEL CORRODED THROUGH, AROUND FUEL SENDING UNIT MOUNT HOLE.  
 Corrective Action:21  
 COULD NOT FIND NEW OR A USED SERVICABLE FUEL TANK CLOSE OUT PANEL. REMOVED CORROSION AND INSPECTED EXISTING CLOSE OUT PANEL FOUND NO PITTING THAT WENT ALL THE WAY THROUGH PANEL. ALODINED PANEL TO PREVENT FUTHER CORROSION. COATED WITH FUEL TANK SEALANT AND RE-INSTALLED FUEL SENDING UNIT. INSTALED CLOSEOUT PANEL AND SENDING UNIT INTO LEFT WING AUX. FUEL TANK.  
 Discrepancy:22  
 LEFT ENG OIL COOLER SUPPORT BRACKET CRACKED  
 Corrective Action:22  
 FABRICATED AND INSTALLED PATCH ON LEFT ENGINE OIL COOLER SUPPORT BRACKET.  
 Discrepancy:23  
 LEFT WING SKIN CRACKED JUST O/B NACELLE  
 Corrective Action:23  
 FABRICATED AND INSTALLED PATCH ON LEFT WING SKIN JUST OUTBOARD OF NACELLE.  
 Discrepancy:24  
 PAINT & INSTALL SERVICABLE SPINNER ON LEFT PROPELLER  
 Corrective Action:24  
 PREPPED AND PAINTED USED SERVICABLE LEFT PROPELLER SPINNER MODEL# 27068-000.

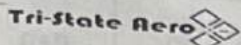
Continued on next page.

	SUB-TOTAL this page
	TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<b>TOTAL</b> brought forward from previous page
			<p><b>Tri-State Aero</b></p> <p>RECEIVED FROM PREFERRED AIR PARTS. INSPECTED SPINNER NO DEFECTS NOTED AND FOUND GOOD FOR RETURN TO SERVICE. INSTALLED ON AIRCRAFT LEFT PROPELLER. Discrepancy:25 HARD LINE RUNNING IN BETWEEN BOTH FUEL SELECTORS CRACKED AND LEAKING. Corrective Action:25 REMOVED OLD FUEL LINE BETWEEN FUEL SELECTORS. FABRICATED AND INSTALLED NEW FUEL BETWEEN FUEL SELECTORS. LEAK CHECKED UNDER FUEL PRESSURE. NO LEAKS NOTED AT THIS TIME. MISC CHARGE FOR 8" 1/4 ALUMINUM TUBING. Discrepancy:26 RH ENGINE WILL NOT START. Corrective Action:26 REMOVED RIGHT ENGINE INBOARD SIDE COWLING. LOOSENED FUEL INLET LINE INTO FUEL SERVO. RAN ELECTRIC BOOST PUMP UNTIL FUEL PRESSURE WAS ACHIEVED AT LOOSE LINE. TIGHTENED FUEL LINE BACK UP, AND RE-INSTALLED SIDE COWLING. Discrepancy:27 RUBBER SEAL IN LH WING TO FUSELAGE FARING HANGING LOOSE. Corrective Action:27 CLEANED RUBBER SEAL AND CLEANED WNG TO FUSELAGE PANEL. RE-GLUED RUBBER SEAL TO WING TO FUSELAGE PANEL WITH 1300L GLUE. Discrepancy:28 RIV-NUT STRIPPED OUT ON LH WING TO FUSELAGE FAIRING. Corrective Action:28 DRILLED OUT BAD RIV-NUT IN FUSELAGE FOR THE WING TO FUSELAGE PANEL. INSTALLED NEW RIV-NUT NAS1329A06-75 INTO FUSELAGE FOR THE WING TO FUSELAGE PANEL. Discrepancy:29 LEFT ENGINE FORWARD COWLING HAS BROKEN NUTPLATE.</p>
			<p><b>Tri-State Aero</b></p> <p>Corrective Action:29 REMOVED BOTTOM COWLING REPAIRED NUT PLATE ON CHIN COWL INSTALLED COWLING The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station. Signed: <u>Jeremy S. Burt</u> Dated: <u>8/21/07</u> Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221</p>
			<p><b>Tri-State Aero</b></p> <p>Date: 8/23/2007; Aircraft: N8971Y; Type: PIPER PA-39; S/N: 39-134; Tach: 0.00; Total Time: 2639.58; Engine 1 Type: , S/N:, Time: 0.00; Prop 1 Type: , S/N:, Time: 0.00; Engine 2, Type: , S/N:, Time: 0.00; Prop 2, Type: , S/N:, Time: 0.00 Shop Order #: SH-07-0958 Discrepancy:2 LEFT OUTBOARD FUEL CAP NEEDS REPLACED Corrective Action:2 INSTALLED NEW FUEL CAP O/B LEFT WING PT # 554-180 The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station. Signed: <u>Shawn Adams</u> Dated: <u>8-22-07</u> Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221</p>

**SUB-TOTAL** this page

**TOTAL**—Carry forward to next page



Date: 8/24/2007; Aircraft: N8971Y; Type: PIPER PA-39; S/N: 39-134; Tach: 0.00; Total Time: 2691.30; Engine 1 Type: , S/N: , Time: 0.00; Prop 1 Type: , S/N: , Time: 0.00; Engine 2, Type: , S/N: , Time: 0.00; Prop 2, Type: , S/N: , Time: 0.00

Shop Order #: SH-07-0969

Discrepancy:2

INSPECT AND CLEAN LEFT ENGINE #2 FUEL INJECTOR

Corrective Action:2

REMOVED #2 FUEL INJECTOR AND LINE, INSPECTED, CLEANED, AND REINSTALLED. PERFORMED LEAK CHECK, NO DEFECTS NOTED. IN REFERENCE WITH AMM-3A-11.

Discrepancy:3

DRAIN TUBE FOR FUEL SELECTOR, CANT FIND

Corrective Action:3

REMOVED BELLY PANEL UNDER FUEL SELECTOR AND FOUND DRAIN TUBES NOT ROUTED TO DRAIN HOLE. REROUTED DRAIN TUBES AS NEEDED OPS CHECK GOOD IN REFERENCE WITH AMM-3B-12.

Discrepancy:4

CLEAN AND INSPECT ALL FUEL SCREENS AND FILTERS

Corrective Action:4

REMOVED, INSPECTED, CLEANED, AND REINSTALLED ALL FUEL FILTERS AND SCREENS. PERFORMED LEAK CHECK, NO DEFECTS NOTED IN REFERENCE WITH AMM-3B-22.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.

Signed: *Sharon A. Cook*

Dated: 8-24-07

Tri-State Aero, Inc. CRS AHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221



September 27, 2007

Hobbs 2646.8

N8971Y

PA-39

S/N 39-134

Replaced both O rings on right hand fuel selector drain stem. Replaced bottom O ring on LH fuel selector drain stem. Installed new seals in Pilot's LH toe brake master cylinder and bled braked. Run and leak check satisfactory.

*The aircraft and/or component identified above was repaired and inspected in accordance with the current FAR's and was found to be airworthy with respect to work performed and was returned to service.*

Date 9/27/07 Work Order #07-3123

*Michael J. Gick* A&P1743242

Lafayette Aviation, Inc.  
163 Aviation Dr.  
West Lafayette, IN. 47906

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			



November 14, 2007  
N8971Y

LH Tach Time 2696.59  
PA39 S/N 39-134

Installed O/H Alternator P/N ALX-8521 S/N F082967 on LH side. Installed new 600X6 6ply Condor tire with new grease seals on LH main. Operational check satisfactory

*The aircraft and/or component identified above was repaired and/or inspected in accordance with the current FAR's and was found to be airworthy with respect to work performed and was returned to service.*

Date November 14, 2007 Work Order #07-3187

*Michael J. Gill*  
Lafayette Aviation, Inc.  
160 Aviation Dr.  
West Lafayette, IN. 47906  
Repair Station # AHRR100C



Airport Complex  
P. O. Box 273  
Fort Deposit, Alabama 36032 USA  
334-227-8306  
FAX 334-227-8596

**WARRANTY DATA CARD**

The following information must be supplied when requesting warranty consideration.

Kelly / MFR      ALX-8521R / P/N      F082967 / S/N

DATE INSTALLED: 11-14-2007      DATE REMOVED: \_\_\_\_\_

TACH TIME: 2696.59      TACH TIME: \_\_\_\_\_

OWNER'S NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

RETAIN THIS CARD WITH AIRCRAFT LOG BOOKS



**Logbook Entry**

Date 11/26/2008      Make Piper      N# 8971Y

Removed and replaced the right engine starter, S/N on 1073511 S/N off A116262. Checks ok.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order: 08-1572

*Bruce W. Tippet*  
Bruce W. Tippet A&P 3046848

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W. Henderson, KY 42420  
Phone (270)827-1161 FAX (270)827-1164 CRS No. PG2R082L

URL [www.roncollinsaviation.com](http://www.roncollinsaviation.com) E-Mail [bruce@roncollinsaviation.com](mailto:bruce@roncollinsaviation.com)

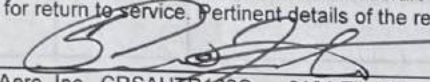
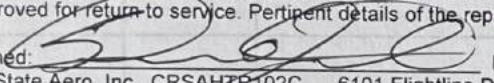
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
5-6-2008	AT	TACH & TAF 2781.45	HEATER HOBBS 226.2
			<p>AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER FAR 43 APPENDIX D, CKD DOORS, WINDOWS, FLIGHT CONTROLS, CKD &amp; LUBED ALL PULLEYS, BELL CRANKS, ROD ENDS, HINGE POINTS, CKD WHEELS &amp; BRAKES. REPLACED BOTH MAIN BRAKE ROTORS WITH NEW RAPCO DISC'S P/N 164-02201 LOT# 33106-16307 A-36, REPLACED ALL BRAKE PADS WITH RAPCO P/N RA66-15 (PISTON SIDE) &amp; CLEVELAND P/N 066-06200 (WHEEL SIDE), REPLACED BRAKE CALIPER PISTON O-RINGS, REPACKED WHEEL BEARINGS, CKD LIGHTS, SEATS, BELTS, FUEL SYSTEM, GEAR RETRACTION, MANUAL TELETYPE, REPLACED BOTH ENGINE AIR FILTER ELEMENTS, CKD HEATER, SERVICED STARTING BATTERY, CKD ELT BATTERY, MANUAL &amp; IMPACT TESTED 3 SWEEPS EACH, CKD OXYGEN SYSTEM, CKD INSTRUMENTS, PLACARDS, MARKINGS, CWAD 79-12-08 PER AD FUEL SELECTION VALVES, CWAD 83-10-01 PER AD FUEL SYSTEM, CWAD 94-13-10 PER AD &amp; SB 411A STABILIZER INSPECTION, CKD AOS TO DATE, SEE NEW UPDATED LIST 2-V AD LIST SECTION OF LOG BOOK PACKET, CWAD 94-25-16A1 ON THE HEATER - NO NEW HEATER AOS AT THIS TIME.</p>
			<p>I Certify this <u>AIRCRAFT</u> to be in an airworthy condition. I/A/W an <u>ANNUAL</u> inspection.  <b>Michael D. Vieke</b>  A &amp; P 308509011 I.A.</p>
			<p><b>Michael D. Vieke</b>  1924 N. 2nd St  Vincennes, IN 47591</p>

SUB-TOTAL this page
TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
4-7-09	RT TACH 2863.68	TTAF (RT TACH) 2863.68	<p>AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER FAR 43 APPENDIX D. CK'D &amp; LUBED ALL PULLEYS, BELL CRANKS, ROD ENDS, HINGE POINTS, CK'D ANTENNA'S, LIGHTS, DOORS, WINDOWS, REPLACED THE LEFT NAV BULB WITH A 7512-12, REPLACED L&amp;R NAV LIGHT BUNG TIP DETECTORS, CK'D WHEELS, BRAKES, SERVICED STANTS WITH NITROGEN, CK'D GEAR RETRACTION, CK'D HEATER, SERVICED STARTING BATTERY &amp; CHARGED, CK'D FUEL SYSTEM, CK'D ELT BATTERY, MANUAL &amp; IMPACT TESTED 3 SWEEPS EACH, BATTERY DUB 7-09. CK'D SEATS, BELTS, FLIGHT CONTROLS, PLACARDS, MARKINGS. REPLACED L&amp;R ENGINE AIR FILTER ELEMENTS, CW AD 79-12-08 FUEL SELECTOR VALVES PER AD &amp; SLBS1 PART "A", DUE AGAIN BY RT TACH 2913.68, CW AD 83-10-01 FUEL SYSTEM PER AD, DUE AGAIN BY RT TACH 2913.68, CW AD 94-13-10 1 STABILATOR PER AD &amp; SB 411A DUE AGAIN BY RT TACH 2913.68, CK'D AOS THRU 2009-07</p>
			<p>I Certify this AIRCRAFT to be in an airworthy condition. I/A/W an ANNUAL inspection.  Michael D. Vieke  A &amp; P 308509011 I.A.</p>

SUB-TOTAL this page
TOTAL—Carry forward to next page



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
			<p style="text-align: right;"><i>206.88 507</i></p> <p>Date: 10/28/2009; Aircraft: N8971Y; Type: PIPER PA-39; S/N: 39-134; <del>Hobbs: 2664.60</del>; Tach:; Total Time: 2664.60            Shop Order #: SH-09-0513            Discrepancy: 2            LH NAV LIGHT INOP.            Corrective Action:2            REMOVED AND REPLACED LH NAV LIGHT BULB WITH NEW BULB P/N ML-1512. OPS CHECK GOOD.            Discrepancy: 3            LEFT LANDING LIGHT INOP.            Corrective Action:3            REMOVED AND REPLACED LH LANDING LIGHT BULB WITH NEW BULB P/N GE4509. OPS CHECK GOOD.            Discrepancy: 4            LUBE LEFT ENGINE STARTER.            Corrective Action:4            LUBED LH ENGINE STARTER AS NEEDED.</p> <p>The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.</p> <p>Signed:  Dated: <u>10/28/09</u>            Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221</p>
			<p>Date: 11/05/2009; Aircraft: N8971Y; Type: PIPER PA-39; S/N: 39-134; Hobbs:; Tach: 2963.17; Total Time: Shop Order #: SH-09-0531            Discrepancy: 2            INSTALL LEFT ENGINE STARTER IS INTERMITTENT.            Corrective Action:2            REMOVED AND REPLACED STARTER P/N MZ-4222 S/N A604055 WITH OVERHAULED STARTER P/N MZ-4222 S/N J100484 FROM KELLY AEROSPACE ENERGY SYSTEMS WITH THIER WORK ORDER # M252140 DATED OCT. 14, 2009. OPS CHECK GOOD AT THIS TIME.</p> <p>The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station.</p> <p>Signed:  Dated: <u>11/5/09</u>            Tri-State Aero, Inc. CRSAHTR102C 6101 Flightline Drive Evansville, Indiana 47725 812-426-1221</p>

**SUB-TOTAL** this page

**TOTAL**—Carry forward to next page

# Logbook Entry

Date 11/24/2008

Make Piper

N# 8971Y

No. 24

DATE

Replaced pilot rocker switch panel.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order 08-1551

  
Ronald Mattingly Cert # 3052186

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W Henderson KY 42420  
Phone (270)827-1161 FAX (270)827-1164 CRS No PG2R082L

URL [www.roncollinsaviation.com](http://www.roncollinsaviation.com) E-Mail [ron@roncollinsaviation.com](mailto:ron@roncollinsaviation.com)

# Logbook Entry

Date 11/25/2008

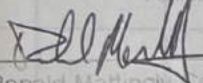
Make Piper

N# 8971Y

Replaced aircraft battery and #1 voltage regulator.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed.

Pertinent details of this repair are on file at this Repair Station under Work Order 08-1570

  
Ronald Mattingly Cert # 3052186

For: Ron Collins Aviation Electronics LLC 2158 State Route 136W Henderson KY 42420  
Phone (270)827-1161 FAX (270)827-1164 CRS No PG2R082L

URL [www.roncollinsaviation.com](http://www.roncollinsaviation.com) E-Mail [ron@roncollinsaviation.com](mailto:ron@roncollinsaviation.com)

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	------------------------------	---



March 25, 2010                      Tach/Hobbs 2994.9                      A/C T.T. 2994.9  
 N8971Y                                      Piper PA-39                                      S/N 39-134

Complied with Annual inspection of aircraft this date in accordance with Pipers Inspection Report # 230-209. Serviced battery, brakes and electrical system. Lubed all pulleys, rod ends, and hinges. Lubricated landing gear. Performed gear retraction, emergency extension, and anti-retraction test. Installed new ELT Battery P/N BP1010. Complied with FAR 91.207 "ELT" inspection, no defects noted, operational check satisfactory. Battery due March 2012.

Complied with **AD 04-21-05** "Combustion Tube & Air Pressure Switch by decay test and pressure test, no defects noted. Installed new Combustion Air Blower Motor P/N CD21401.

Complied with **AD 04-25-16 R1** "Fuel Regulating Shut Off Valve" by inspection, no defects noted.

Complied with **AD 77-13-21** "Landing Gear Bungee" by inspection in accordance with SL #782B. Replaced all defective parts and installed new Bungee Cords on LH & RH side.

Complied with **AD 77-09-10** "Electric Trim Switch" by inspection in accordance with SB #527, Correct P/N Spring installed.

**AD 78-12-07** "Fuel Selector Valve" RH side N/A per S/N.

Complied with **AD 79-12-08** "Fuel Valve Internal Leak" by inspection, no defects noted. Next due @ RH Tach 3044.9

Complied with **AD 83-10-01** "Fuel Selector Valve Strainer Filter" by inspection, no defects noted. Next due @ RH Tach 3044.9.

Complied with **AD 83-19-03** "Spar Cap Chaffing" by inspection, no defects noted. AD is one time only.

Complied with **AD 85-02-05R1** "Braking Placard" by inspection. Placard is installed.

Complied with **AD 94-13-10** "Stabilator Torque Tube Bearing Support" by inspection in accordance with SB# 411A, no defects noted. Next due @ RH Tach 3094.9.

Complied with **AD 97-01-01 R1** MLG Side Brace Stud" by inspection, no defects noted. Next due @ RH Tach 3994.9.

Complied with **AD 99-14-01** "Flight in Icing Conditions" by inserting copy of AD in flight manual.

Complied with **AD 2009-02-03** "Fuel Injector Servos" by replacing gaskets P/N 2577258 on LH & RH servo's. No further action required.

Complied with **AD 2003-14-03** "Rotary Fuel Pumps" by inspection of LH & RH pumps, no defects noted. Next due @ RH Tach 3044.9

Complied with **AD 90-04-06 R1** "Propeller Governor Lines" on RH engine by installing new clamp, and LH engine by relocating clamp to correct location.

Complied with **AD 08-14-07** "Fuel Injection Lines" by inspection of LH & RH fuel injection lines, no defects noted.

Complied with **AD 82-27-03** "Turbo Charger Cracks" by inspection, N/A per P/N stamped on LH & RH Turbo.

Complied with **AD 81-19-04** "Fluid Carrying Hoses" by fabricating and installing all new fluid carrying hoses, (except for 3 on LH engine which are dated 03-28-2007) Used existing fittings and fire sleeve where possible. Powerplant hoses next due 03-2015.

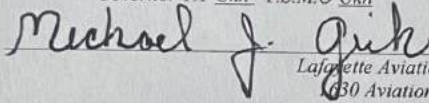
Continued on next page

TOTAL—carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			

Installed new Post Light P/N 01-0770119-17 over RH side of engine instruments.  
 Removed and reinstalled battery box and vents after repair. Installed new boot on positive cable.  
 Installed bushing P/N 14976-042 on Elevator Trim Control rod end.  
 Installed new Decals on fuel selector cover.  
 Installed new Induction Duct on LH engine.  
 Installed new Mounting Kit P/N J9613-19 on LH engine lower inboard.  
 Installed new hinge on LH MLG Door.  
 Installed new Rod End and Bushing on right aileron push pull tube. .  
 Installed new O rings and Pins on right MLG strut, Pin P/N 680-755.  
 Installed new brake pads on right main wheel.  
 Installed new O rings in right brake caliper.  
 Installed new hinge on right engine cowling.  
 Installed new RH engine lower left, engine mount bushing P/N J7763-1.  
 Reinstalled Oxygen bottle after Hydrostat by Safetech on their invoice # MN11588.  
 Installed new right MLG door arm Bearing Rod End P/N 452-860.  
 Installed new gasket on LH engine turbo exhaust.  
 Painted new Turn Limit Placard on nose gear.  
 Installed new bolts in Nose Gear Torque Link.  
 Installed new bearings, races and felt seal in nose wheel.  
 Run, leak, and operational check satisfactory.  
 See separate file for AD note listing and compliance.

I certify that this aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in an airworthy condition. Pertinent details are on file at this agency under work order # 10-3987 Dated 03-25-2010  
 Tach time 2994.9 Total time 2994.9 Annual due 03-2011  
 FAR 91.411 due 03-2012 FAR 91.413 due 03-2012  
 ELT battery due 03-2012 Weight due N/A  
 Oxygen Cylinder Hydro test due 03-2015  
 Propeller T.T Ukn T.S.M.O 1663.9-  
 Governor T.T Ukn T.S.M.O Ukn

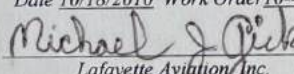
  
 Lafayette Aviation, Inc.  
 1630 Aviation Dr.  
 West Lafayette, IN. 47906  
 Repair Station # AHRR100C



October 18, 2010                      Tach/Hobbs 3062.72                      A/C T.T. 3062.72  
 N8971Y                                      Piper PA-39                                      S/N 39-134

Complied with Piper Service Bulletin # 1189. Installed new Stabilator Horn P/N 22882-003.  
 Installed Tip Tanks in accordance with STC# SA-727WE. See FAA Form 337 dated this date.  
 Updated weight and balance and equipment list. Run, leak and operational check satisfactory.

The aircraft and/or component identified above was repaired and inspected in accordance with the current FAR's and was found to be airworthy with respect to work performed and was returned to service  
 Date 10/18/2010 Work Order 10-4182

  
 Lafayette Aviation, Inc.  
 1630 Aviation Dr.  
 West Lafayette, IN. 47906  
 Repair Station # AHRR100C

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
4-2-11			AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER FAR 43
ATTACH & TAP 3108.18			CK'D & LUBED ALL PULLIES, BELICRANKS, AND CROSS, HINGE POINTS, CK'D GEAR & PROPACTIVA & LUBED, CK'D WHEELS, BRAKES, FLIGHT CONTROLS, LIGHTS, FUEL SYSTEM, VACUUM SYSTEM, DOORS, WI-DOWNS, SEATS, BELTS, FASTENERS PLACARDS, MARKINGS, SERVICED STARTING BATTERY, CK'D THERMIST PER FAR 91.207 (d)(4)(2)(3)(4), CWAD 79-12-08 PER AD 85L 851, CWAD 83-10-01 PER AD, CWAD 94-13-10 PER AD, CWAD 04-25-66A1 PER AD. CK'D GAS TO DATE, UP DATED LIST & ENLARGED AIRCRAFT AIRCRAFT RECORDS -
			I Certify this <u>AIRCRAFT</u> to be in an airworthy condition. I/A/W an <u>Annual</u> inspection. Michael D. Vieke <i>[Signature]</i> A & P 308509011 I.A.

### Sunshine Aviation

385 Airport Rd. Russellville, Ky. 42276  
 Date 11/29/10  
 This aircraft N8971Y has been stripped and repainted.  
 The Flight Controls have been removed during the  
 painting process, checked for proper balance I.A.W. Manufacturer  
 recommendations and reinstalled.  
 1st Color Akzo Nobel Alumigrip G1619 Matterhorn White  
 2nd color Akzo Nobel Alumigrip E99117 Mid Atlantic Blue  
 3rd Color Akzo Nobel Alumigrip E99148 Light Burgundy  
 4th Color Akzo Nobel Alumigrip E99042 Stone Gray

A&P # *[Signature]* 3017330

	SUB-TOTAL this page
	TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
5-30-2012	AT TAP 3200.30 HEATER HRS 355.1		<p>AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER FAR 43 APPENDIX D. CKD &amp; LUBED ALL PULLIES, BEULCRANKS, ROD ENDS, HINGE POINTS, LUBED GEAR &amp; CKD RETENTION, CKD LIGHTS, FLIGHT CONTROLS, WHEELS, BRAKES, ANTENNAS, STARTING BATTERY, REMOVED ELT FOR SERVICING, CKD VACUUM SYSTEM, FUEL SYSTEM &amp; SUCCONS, REPLACED BOTH ENGINE &amp; AIR FILTER ELEMENTS, CKD DOORS, WINDOWS, SEATS, BELTS, INSTRUMENTS, PLACARDS, MARKINGS, CKD 77-12-08 PER AD &amp; SL 851 ON THE FUEL SELECTOR VALVE, CWAD 83-10-01 PER AD, CWAD 74-13-10 PER AD, AD 97-01-01 RI DUE BY TAP 3994.90 AD 77-13-21 WEAR LIMITS CHECK DUE BY TAP 3494.9 &amp; BYNGEE REPLACEMENT DUE BY 03-25-2013 ON TAP 3494.9</p> <p><del>WHICHEVER</del> WHICHEVER COMES FIRST. SEE AD LIST DATED 03-25-2010 ON RECHECKING AD'S, CWAD 04-21-05 ON THE HEATER, CWAD 04-25-16 RI ON THE HEATER SHUT OFF VALVE, UPDATED AD LIST &amp; INSERTED IN THE AIRCRAFT RECORDS AD LOG.</p>
<del>03-25-2012</del>			<p>I Certify this <u>AIRCRAFT</u> to be in an airworthy condition. I/A/W an <u>annual</u> inspection.  Michael D. Vieke <i>[Signature]</i>  A &amp; P 308509011 I.A.</p>
6-3-2012			<p>REPLACED THE ELT BATTERY, TESTED PER FAR 91.207 (2)(X)(3)(4) BATTERY DUE AUG 2014. MICHAEL D. VIEKE <i>[Signature]</i> A &amp; P 308509011 I.A.</p>
7-25-2012			<p>INSTALLED AIRWOLF REMOTE OIL FILTER SYSTEM P/N AP 6-K007 ON THE RIGHT &amp; LEFT ENGINES. FILED FORM 337 THIS DATE  UPDATED THE WAB.  MICHAEL D. VIEKE A &amp; P 308509011 I.A. <i>[Signature]</i></p>


SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
4-13-2013			AIRCRAFT OPENED UP FOR ANNUAL INSPECTION PER FAR 43
AT TAF 3346.55			APPENDIX. CKD & LUBED ALL PULLEYS, BELLCRANKS, ROD ENDS,
HEATER HOBS 387.5			HINGE POINTS, CKD CABLES, FLIGHT CONTROLS, LUBED GEAR &
			LUB GEAR RETRACTION, REPLACED LANDING GEAR BUNGEE
			CANDS P/N 8097 DATE CODE JAN 2013 - MANUFACTURER -
			SBC INDUSTRIES, CKD WHEELS & BRAKES, REPLACED THE
			NOSE TIRE WITH A NEW GOODYEAR FLIGHT SPECIAL II
			15X6.00 6PLY, REPLACED THE RIGHT MAIN TIRE WITH A
			GOODYEAR FLIGHT SPECIAL II 600X6 6PLY, REPLACED ALL BRAKE
			PADS, CKD CASATS, STARTING BATTERY, CKD ELT & BATTERY
			PER FAR 91.207 (d)(1)(2)(3)(4), BATTERY DUE AUG 2014,
			CKD FUEL SYSTEM, DOORS, WINDOWS, HEATER, SEATS, BELTS,
			INSTRUMENTS, PLACARDS, MARKINGS, CKD AOS THRU 2013-07
			CWAD 77-13-21 BY REPLACING THE BUNGEE'S, WEAR LIMIT
			INSPECTION DUE BY TAF 3494.90, CWAD 79-12-08 FUEL
			SELECTION PER AD PART B, CWAD 83-10-01 FUEL SYSTEM PER AD,
			CWAD 94-13-10 STAB TORQUE TUBE PER AD 95B 41A, AD 97-01-01-21
			DUE BY TAF 3994.90, CWAD 04-21-05 ON THE HEATER PER AD,
			CWAD 04-25-16R1 PER AD HEATER FUEL REGULATOR VALUE. NO DATED
			AD LIST & ASSENTED IN THE AIRCRAFT RECORDS

I Certify this AIRCRAFT to be in an airworthy condition. I/AW an annual inspection.  
*Michael D. Vieke*  
 Michael D. Vieke  
 A & P 308509011 I.A.

SUB-TOTAL this page  
 TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	SIGNATURE
			<b>TOTAL</b> brought forward from previous page
6-20-14	3438.08	3438.08	C/W FAR 91.20 (next due 8-2016) Tach (next due 3488.08) Tach (next due 3488.08) C/W Tach (next due 3538.08) + all back + pro correct bolt rod end. R+R installed emp Installed knob on Installed owner's Both engine and by webco. Re Replaced brake req'd c/w AD 77. oil Temp sender Checked gear extension. Check gear + controls

SUB-TOTAL this page

TOTAL—Carry forward to next page

# Customer Copy

**MAWA INC**  
15 WOODLYN AVE.  
NORRISTOWN, PA 19403

## Cylinder Requalification Report

DOT/TC Registration # B145

**Code Has Three Letters:** 1st Letter: Visual Test, 2nd Letter: % Perm Exp Test, 3rd Letter: REE Test  
**Letter Code:** P=Passed, F=Failed, N=Not Applicable, A=Aborted **Example:** PPP-Passed Visual, Passed % Perm, Passed REE

Operator Signature: \_\_\_\_\_ Date Signed: 5-7-14  
Supervisor Signature: \_\_\_\_\_ Date Signed: \_\_\_\_\_

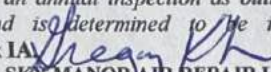
I hereby certify that all the following tests were made under my supervision and in accordance with DOT/CTC regulations.

#	Test Date Test Time	Operator	Serial Number Cyl Owner	Size Service	Cyl MFG. MFG. Date	REE Source	Rating Unit	Specified Actual	Test Time	Total Elastic	Perm Percent	+* VE	VE Date Ref Ring	Disposition Remark
1	5/7/2014 7:34	MIKEL	36821BG SKY MANOR	7.25X26	WK 05/1953	70 C5	3AA1800 PSI	3000 3013	30	62.0 62.0	0.0 0.0	0.0 0.0		PPP

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page Rt Tach
6-20-14	3438.08	3438.08	<p>C/W FAR 91.207 annual ELT ops check - replaced batt pack (next due 8-2016) C/W AD 79-12-08 Selector valve leakage (next due <sup>Tach</sup> 3488.08) C/W AD 83-10-01 water entrapment (next due <sup>Tach</sup> 3488.08) C/W AD 2004-25-16R1 Heater fuel regulator (next due <sup>Tach</sup> 3538.08) Replaced both brake disc's, all linings + all back + pressure plates. Clean + lube Flap Tracks correct bolt installation of main gear push-pull cable rod end. R+R O<sub>2</sub> bottle for Hydro Test - bottle re-installed empty. Replaced nose wheel bearings + races. Installed knob on inside of baggage door - emergency exit. Installed owner supplied bagg. door holder (see 337 this date) Both engine air filter / alternate air boxes repaired by webco. Replaced MAP filters. Boost charged batt. Replaced broken / missing nut plates on both cowls as req'd C/W AD 77-13-21(b) bungee insp only. Repaired Lt eng. oil Temp sender wirc. Repaired Rt eng alt field wires. Checked gear retraction, anti-retraction and emergency extension. Checked warning devices. Lubed wheel brgs, gear + controls</p>
			<p>I certify that this <u>Airframe</u> has been inspected in accordance with a(n) <u>annual</u> inspection and was found to be in airworthy condition.</p>
			<p>6-20-14 Date</p>
			<p>Joseph P. Flury IA, AP3519207</p>

SUB-TOTAL this page

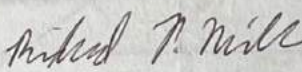
TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
			<b>TOTAL</b> brought forward from previous page	
08-07-15	3489.13	R/H 3489.13	<p style="text-align: center;"><b>AIRFRAME LOG</b>  <b>AUGUST 07, 2015 N8971Y TTAF 3489.13 R/H TACH 3489.13</b>  <b>L/H TACH 3444.56 Heater Hobbs 0423.3 Hobbs 3263.5</b>  <i>Work order # 1610</i></p> <p>Annual inspection completed. Replaced R/H and L/H inductions air filters with new. Replaced central air filter with new. Replaced vacuum regulator filter with new. Removed MAP gauge. Sent out for repair. Installed same gauge after repair. Reference Keystone Instrument Services Inc. CRS# BX1R050K W/O # 15-513 for repair details. Replaced L/H and R/H MLG door hinges with new. Replaced flap return spring with new. Replaced L/H throttle control cable with new. Replaced all (8) brake linings with new. Re-sealed L/H brake caliper and bled system. Repaired co-pilot outboard sent rail mount rib and re-installed original nut-plate. Replaced R/H cowl flap hinge with new. Replaced L/H cowl flap hinge rivets and pin with new. Removed Janitrol cabin heater model B2030 S/N 8711160. Installed used serviceable C &amp; D heater model CD35K S/N 123. (Heater Hobbs at install: 0423.3.) Replaced heater fuel regulator with new C &amp; D regulator P/N CD20800. Leak check satisfactory. AD 79-12-08 Selector Valve Leakage complied with by inspection. Next due at R/H Tach 3539.13. AD 83-10-01 Selector Valve Water entrapment complied with by inspection. Next due at R/H Tach 3539.13. AD 94-13-10 Hi-Shear Rivets complied with by inspection. Next due at R/H Tach 3589.13. Cleaned and greased wheel bearings. ELT checked per FAR 91.207(d). Complied with landing gear operational inspection and emergency extension checks. <i>I certify that this aircraft has been inspected in accordance with an annual inspection as outlined in 14 CFR part 43 appendix D and is determined to be in airworthy condition.</i></p> <p><b>Gregory Kuczek IA</b>    <b>SKY MANOR AIR REPAIR LLC.</b>  <b>48 SKY MANOR ROAD, PITTSOWN NJ 08867</b>  <b>908-996-0541</b></p>	

**N8971Y**      **Date: 11-25-15**      **S/N: 39-134**      **Hobbs: 3280.5**

- Installed overhauled heater, leak check ok
- Replaced all brake linings

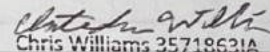
Gateway Aviation-Queen City Airport,  
1730 Vultee St, Allentown, PA 18103

  
**Richard P. Mills AP 3692226**

**N8971Y**      **Date: 2-17-16**      **S/N: 39-134**      **Tach: 3287.2**

- Replaced turn coordinator with O/H instrument, Sigmatek P/N: 1394T100-7Z S/N: 2202-43

Gateway Aviation-Queen City Airport,  
1730 Vultee St, Allentown, PA 18103

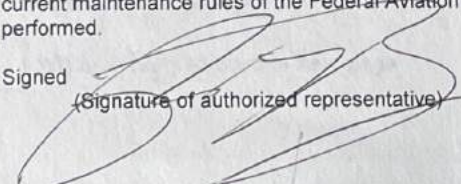
  
**Chris Williams 35718631A**

**AIR REPAIR**  
AIR REPAIR, INC. 29137 NEWNAM UNIT 8 • EASTON, MD 21601

Date: 3/03/2016; Aircraft: N8971Y; Type: PA39; S/N: 39-134

REPLACED RIGHT MAIN TIRE GOOD YEAR 600 X 6 P/N 606C61B1, S/N 5305887 AND MICHELIN AIR STOP TUBE.

The aircraft, aircraft engine, or appliance identified above was repaired and/or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service for the work performed.

Signed   
 (Signature of authorized representative)

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON
			TOTAL brought forward from previous page
9-7-2016	Rr Tach <del>3488.64</del> 3488.64	3532.36	c/w AD 77-13-21 (6) by replacement or <sup>Tach</sup> 4032.36 c/w AD 79-12-08 Selector c/w AD 83-10-01 water entrapment (next Hi-shear rivets (next due <sup>Tach</sup> 3632.36) c/w by POH check and placard inst. ops check - replaced batt pack on concorde battery (Load Test inst. panel. Replaced Lt Tip Tank Selector valve linkage to detent cluster for ovl by Keyston anti-retraction + emergency e device's. Lubed wheel brgs, gea

PART - 1  
 INVOICE # 8101 WORK NO: 16-0715  
 CUSTOMER P Factor Aviation  
 ADDRESS 1300 School House Road  
 CITY Perkasie STATE PA. ZIP 18944  
 INST: Dual Fuel Quantity SIN: 16-0715  
 MFG. NO: 550-803 TYPE A.C. (12v.)

I certify that this (Airframe) has been  
 inspected in accordance with a(n) annual  
 inspection and was found to be in airworthy condition.

9-7-2016 Date  
 Joseph P. Flury  
 IA, AP3519207

SUB-TOTAL this page  
 TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL</b> brought forward from previous page			
9-7-2016	Rr Tach <del>3532.36</del> 3488.64	3532.36	<p>c/w AD 77-13-21 (b) by replacement of bungees (next due 9-19 or <sup>Tach</sup> 4032.36) c/w AD 79-12-08 Selector valve leakage (next due <sup>Tach</sup> 3582.36) c/w AD 83-10-01 water entrapment (next due <sup>Tach</sup> 3582.36) c/w AD 94-13-10 Hi-shear rivets (next due <sup>Tach</sup> 3632.36) c/w AD 2015-24-05 Fuel management by POH check and placard inst. c/w FAR 91.207 annual ELT ops check - replaced batt pack (next due 11-2018) c/w ICA on Concorde battery (Load Test OK) Tied up wires behind inst. panel. Replaced Lt Tip Tank indicator bulb, adj RT Selector valve linkage to detent correctly. R+R fuel gauge cluster for overhaul by Keystone. Checked gear retraction out, - retraction + emergency extension. Checked warning device's. Lubed wheel brgs, gear + control</p>

I certify that this (Airframe) has been inspected in accordance with a(n) annual inspection and was found to be in airworthy condition.

9-7-2016  
Date

*Joseph P. Flury*  
Joseph P. Flury  
IA, AP3519207

SUB-TOTAL this page

TOTAL—Carry forward to next page

5176  
DETAILS OF THE IDENTIFICATION

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
5-10-18	LT Tach 3530.66 <del>3529.88</del>	Rt Tach 3573.23	R+R Left engine for overhaul, reinstalled using new mounts + flex hoses - oil cooler overhauled by Pacific oil cooler. Replaced baffle seal as req'd. Prop + prop gov flushed by sensenich Prop. c/w ICA on condorcle batt-89 % c/w AD 79-12-08 selector valve insp (next due <sup>Tach</sup> 3580.66) c/w AD 83-10-01 water entrapment (next due <sup>Tach</sup> 3580.66) c/w AD 94-13-10 Hi-shear rivets (next due <sup>Tach</sup> 3630.66) c/w FAR 91.207 annual EUT op's check (batt next due 11-2018) secured static parts in aft fuselage. Repack Lt wheel brake cyl + bled, replaced Torque plate + anchor bolts. Checked gear retraction, anti-retraction + emergency ext. checked warning devices. Lubed wheel brgs gear + controls. Lt engine mount assy ovhl'd by AWI.
			I certify that this <u>Airframe</u> has been inspected in accordance with a(n) <u>annual</u> inspection and was found to be in airworthy condition.
			5-10-2018 Date <u>Joseph P. Flury</u> IA, AP3519207

25-19

REG NO: N8971Y  
A/C SN: 39-134  
Make: Piper  
Model: Pa-39  
W/O: VAA10315-01-2019

**Van Allen Airmotive**  
Queen City Airport  
1730 Vultee Street  
Allentown, PA 18103  
Phone: 484-224-0105

Date: 2/5/2019  
HOBBS 3373.1

**Airframe Entries**

- C/R (R) brake master cylinder is leaking. Would like it removed and rebuilt.... Removed master cylinder, cleaned and replaced all seals/packings. Reinstalled and bled system of air. Serviced brake reservoir.
- T-Hand parking brake is stiff. Parking cables frozen, please remove and replace parking brake... Stiff parking brake was traced to sticky lever on the master cylinders. Cleaned and free up both levers to allow normal operation of parking brake.
- (L) main tire has slow leak at valve stem. Remove valve stem and replace.... Leak tested tube and found small leak, Replaced with a new tube. Serviced all tires with air to service manual specs.
- Install sump heater on (L) engine & route plug to engine access panel.... Install E-Z Heat pre-heating element model 441 as a minor alteration to the airframe. Followed instructions for adhesion and cure time. Routed plug wire according to instructions.

Part 43 9(a) MAINTENANCE RECORD - The aircraft N8971Y, airframe, engine, propeller and/or components specifically listed above and only those items listed above was/were repaired, replaced and/or inspected in accordance with the current FAA Regulations and unless otherwise noted those specific items listed were found to be Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No VAA10315-01-2019, dated 2/5/2019 and all work was performed IAW current maintenance manuals and instructions.

DATE: 2/5/2019

SIGNED: Christopher Williams  
Christopher J Williams, License: AP3571863 IA

Work Order: VAA10315-01-2019

Printed by EBis 3 (datcomedia.com)

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
8-1-2019	LT 3576.63 →		C/W FAR 91.207 annual ELT op's check, replaced batt pack
	RT 3619.01 →		(next due 8-2021) C/W AD 79-12-08 selector valve leakage
			(next due <sup>LT Tach</sup> 3626.63) C/W AD 83-10-01 water entrapment (next
			<sup>LT Tach</sup> due 3626.63) C/W AD 77-13-21(b) by replacement of bungees,
			(next due <sup>LT Tach</sup> 4076.63 or 8-2022) C/W AD 94-13-10 Hi-shear rivets
			(next due <sup>LT Tach</sup> 3673.63) C/W Concorde batt ICA - 94%
			Free'd both main gear door links. Replaced both nose
			gear bearings + race's. Checked gear retraction, anti-
			retraction + emergency extension. Checked warning
			device's. Checked + lubed controls. Checked wheels
			+ brakes. AD's checked thru 2019-15

I certify that this Airframe has been inspected in accordance with a(n) annual inspection and was found to be in airworthy condition.

8-1-2019  
Date

Joseph P. Fiury  
Joseph P. Fiury  
IA, AP3519207

SUB-TOTAL this page  
TOTAL—Carry forward to next page



Tail: N8971Y  
Date: 01/30/2024

Make: Piper  
Hobbs: 3427.8

Model: PA-39  
Left Tach: 3611.96

S/N: 39-134  
Right Tach/AFTT: 3653.75

- Removed all panels, cowlings, and seats required to perform an Annual Inspection of the aircraft IAW FAR 43 appendix D.
- Inspected all fuselage, wing surfaces, landing gear, hoses, wiring, engine, and flight controls.
- Lubed and serviced landing gear, engines, and flight controls.
- Checked all lights and electrical system condition and operation.
- Removed right propeller P/N: HC-E2YL-2BLSF/FJ7663-4, S/N: BG310 for overhaul. Reinstalled overhauled propeller. See East Coast Propeller Service, Inc. WO# ER-14994.
- Removed right propeller governor for overhaul-exchange. Installed overhauled governor P/N: F-6-3AL, S/N: 3844-T. See Quality Aircraft Accessories Inc. WO# 091065.
- Removed right engine P/N: LIO-320-C1A, S/N: L-292-66A for overhaul. Reinstalled overhauled engine with all new hardware. See Signature Engines WO# E8669-OH.
- Removed right turbocharger P/N: RJ0326-2, S/N: 103 for overhaul. Reinstalled turbocharger after overhaul with new exhaust and gaskets. See Main Turbo Systems, Inc. WO# 62347.
- Removed right engine mount P/N: 23561-31 for repair. Reinstalled repaired engine mount. See Aerospace Welding Minneapolis, Inc. WO# 208485.
- Installed new air filters P/N: BA-27 on both engines.
- Removed landing gear motor and transmission assembly. Reinstalled owner supplied motor.
- Tightened MLG door hinge linkages.
- Performed multiple gears swings and emergency extension. No defects noted.
- Removed right brake caliper, cleaned, resealed, and reinstalled. Bled brake system, ops and leak checks good.
- Secured wire bundle near flap motor and installed spiral wrap to prevent chafing.
- Adjusted left throttle cable to meet stops.
- Adjusted rigging on both engine controls.
- Repaired left mixture cable bracket at governor IAW AC 43.13-1B.
- Rerouted airspeed indicator line to prevent chafing on yoke.
- Adjusted rudder cable tension and secured turnbuckle at yoke connection.
- Installed new aileron thru-cable pulleys P/N: U41001-008 in aft. fuselage. Ops check good.
- Installed both new forward aileron cables P/N: 26049-02 and confirmed proper tension. Ops check good.
- Fabricated and installed new fuel line from right tip tank to aux tank. Ops and leak check good.
- Removed left aileron. Installed new fuel line union. Reinstalled aileron. Leak check good.
- Installed new fuel line grommets in upper nose and forward wing well.
- Installed new battery positive strap P/N: 77924-002.
- Secured SCAT tubing in nose and installed spiral wrap to prevent chafing.
- Resealed all antennas on top of fuselage.
- Resecured left wing-root seal.
- Adjusted main cabin entrance door to seal properly.
- Installed serviceable door latch assembly P/N: 22840-002 and new door latch loop P/N: 63037-000.
- Repaired cracks in both fire walls, and fabricated patches for holes IAW Pagnotta Engineering, Inc. "Structural Sustentation of Piper Twin Comanche PA-39 Firewall Repair" Rev. - 0, dated 08/29/2022, prepared by Michael Pagnotta, DERT 955077-NE.
- Stop-drilled cracks and fabricated doublers for cracks in bottom cowling for right engine.
- Fabricated and installed doubler near oil cooler bracket on right engine baffling.
- Trimmed right engine intake scoop and replaced section of baffle seal.
- Adjusted left cowl flap to avoid chafing.
- Inspected interior installation. Reamed throttle detent button hole in throttle quadrant.
- Installed all new seat belt assemblies P/Ns: 3133-3-041-8013 and 2023-1-031-8013.
- Installed Rosen Visor Kit R1210001 IRT STC SA5983NM. see FAA form 337 dated 01/30/2024. Change to weight and balance negligible.
- Installed overhauled fuel pump P/N: RG17980D/M, S/N: C4791. Ops and leak checks good. AD 03-13-03 no longer applicable.
- C/W AD 77-13-21 (b) by installing new main landing gear bungee cords P/N: 8097. Next due: 4153.75 Right Tach 500 or 01/31/2027, whichever occurs first.
- C/W AD 79-12-08 PART A IAW Piper SL 851, Part A. Next due: 3703.75 Right Tach.
- C/W AD 83-10-01 by inspection. No contamination found. Next due: 3703.75 Right Tach.
- Installed new ELT battery P/N: BP-1010. Inspected ELT IAW 91.207(d). Battery due date: November 2024.
- Checked for other applicable ADs - none due at this time, see attached AD list.




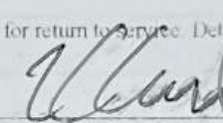


I certify that this Aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.

**ADVANCED**  
Advanced Wings – Allentown (XLL)  
1730 Vultee St. Allentown, PA 18103



Jason Carvino AP 3708914 IA



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTAL brought forward from previous page</b>			
	N8971Y Piper PA-39 S/N: 39-134		<p style="text-align: center;"><b>DAYTONA</b> AIRCRAFT SERVICES </p> <p style="text-align: right;">7/12/2024 L/H Tach: 3627.23 R/H Tach: 3669.63</p> <p><b>Performed the following maintenance:</b></p> <ol style="list-style-type: none"> <li>1. Installed a Garmin GSB-15 USB-C Port (P/N: 010-02544-41) ref. the Garmin Installation Manual</li> <li>2. Installed a Yoke Extension Adapter (P/N: 117-01472-01) on the Pilot Yoke Trim/PIT/AP Disconnect.</li> <li>3. Installed Co-Pilot Auxiliary Phone/Mic Jacks (P/N: SWC-S12B and SWC-12B)</li> </ol> <p>All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #SC11549.</p> <p>Daytona Aircraft Services, Inc. 561 Pearl Harbor Drive Daytona Beach, Florida 32114</p> <p style="text-align: right;">Authorized Signature:  FAA CRS DYTR262K</p> <p style="text-align: center;">-----END-----</p>
	N8971Y Piper PA-39 S/N: 39-134		<p style="text-align: center;"><b>DAYTONA</b> AIRCRAFT SERVICES </p> <p style="text-align: right;">8/02/2024 L/H Tach: 3727.27 R/H Tach: 3669.66</p> <p><b>Performed the following maintenance:</b></p> <ol style="list-style-type: none"> <li>1. Installed a new Co-Pilot Push-To-Talk Switch (P/N: 8552M/QE2) and Cable (P/N: JB-21-10). Operational checks found to be satisfactory.</li> </ol> <p>All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #SC11569.</p> <p>Daytona Aircraft Services, Inc. 561 Pearl Harbor Drive Daytona Beach, Florida 32114</p> <p style="text-align: right;">Authorized Signature:  FAA CRS DYTR262K</p> <p style="text-align: center;">-----END-----</p>
	N8971Y Piper PA-39 S/N: 39-134		<p style="text-align: center;"><b>DAYTONA</b> AIRCRAFT SERVICES </p> <p style="text-align: right;">8/21/2024 L/H Tach: 3630.78 R/H Tach: 3673.21</p> <p><b>Performed the following maintenance:</b></p> <ol style="list-style-type: none"> <li>1. Installed new Pilot Phone and Mic Jacks at the Pilot's L/H Knee Position as required. Operational checks found to be satisfactory.</li> </ol> <p>All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #SC11575.</p> <p>Daytona Aircraft Services, Inc. 561 Pearl Harbor Drive Daytona Beach, Florida 32114</p> <p style="text-align: right;">Authorized Signature:  FAA CRS DYTR262K</p> <p style="text-align: center;">-----END-----</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME
------	-----------------------	------------------------------

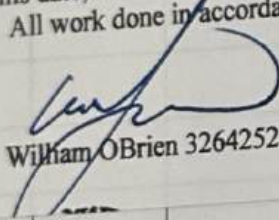
TOTALS brought forward from previous page



Date: 2/1/2025      Rt Tach: 3690.7      AFTT: 3690.7

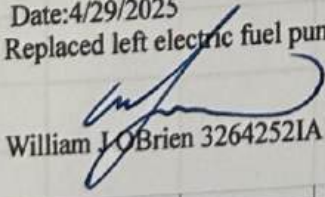
I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was found to be in an AIRWORTHY condition. Removed all panels for inspection. installed new left main tire. installed new right main aux tank, greased landing gear, jacked aircraft performed landing gear retraction and emergency extension tests with no defects noted, installed all new brake pads, changed fuel hose on left right tip tank installed new sending unit gasket on right tip sending unit, greased and lubed all hinges and cable pulleys, The ELT was inspected per 91.207 d and was found to be operational. new battery installed, NEXT DUE 2-27, ADs checked thru this date, see attached sheet for compliance.

All work done in accordance with applicable FAR's and is approved for return to service.

  
William O'Brien 32642521A



Date: 4/29/2025      Hobbs 3499.2  
Replaced left electric fuel pump with repaired unit. Ran engine no defects noted, approved for return to service.

  
William J O'Brien 32642521A

SUB-TOTALS this page

TOTALS-Carry forward to next page



**AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD**

N8971Y

Aircraft, Engine, Propeller, or Appliance/Comp. Make Piper

Model PA-39

Ser. No. 39-134

AD Number	Subject	Date and Hours of Compliance	Method of Compliance	ONE-TIME RECURRING	Next Comp. Due Date/Hours	Authorized Signature and Number
74-13-03	Corrosion of Stab Bolts	3-7-77 0640.4	Bolts Install Corrosion Resist.	X		James M Wood JA 1912.146
74-16-08	AFT Bulkhead Cracks	4-2-75 0350	Install Kit 760-783	X		WAYNE W. HANSEN AIP 529484666
76-18-05	Bend Radius Cracks Fuel Fin Attach Channel	0640.4 3-7-77	Dye Pen and Insp	X		James M Wood JA 1912.146
77-09-10	Modify Fleet Tank SW	3-11-88 1283	Insp-SB #527 PCW	X		Roland M Swann AIP 1340634
77-08-01	Aileron outboard hinge	3-11-88 PCW	Insp. 760-914 Inst. Prec. Outboard Hinge Replaced	X		Roland M Swann AIP 1340634
77-13-21	Prevent Ldg. Collapse	3-11-88 1283	Install New Bungee Cords	X	500 HR 1782	Richard D Brown AIP 418961876
78-12-07	Rt Fuel Selector Valve	3-11-88 1282	N/A by Valve SN	X		Roland M Swann AIP 1340634
79-12-08	Fuel Contamination Test and deterioration of fuel Syst	3-11-88 1333	Cleaning and Insp.	X	500 HR 1383	Roland M Swann AIP 1340634
79-20-10	Aileron Nose Rib Insp	3-11-88 PCW	Insp. PCW Paper Kit 763-893 Inst.	X		Richard D Brown AIP 418961876
82-23-01R	Asymmetrical Flap	3-11-88 1282	Robertson STC SA 23 13 WE NOT installed	X		Roland M Swann AIP 1340634
83-10-01	Retention of water and contamination of fuel syst	3-11-88 1282	Cleaning and Insp	X	50 HR 1382	Roland M Swann AIP 1340634
83-19-03	Lower Spar Cap Chaffing	3-11-88 PCW	PCW	X		Roland M Swann AIP 1340634
85-02-05	Brake Placard	3-11-88 PCW	Placard PCW	X		Roland M Swann AIP 1340634
87-12-08	Fuel Contamination & deterioration of fuel Syst	5-25-89 1331	Cleaned and Insp	X	50 HR 1381	Richard D Brown AIP 418961876
83-10-01	Retention of water and contamination of fuel Syst	5-23-89 1331	Cleaning and Insp	X	50 HR 1381	Richard D Brown AIP 418961876
82-27-03	Rotomaster turbo charger	5-23-89 1331	By Inspection	X	50 HR 1391	Richard D Brown AIP 418961876
78-09-07	Impulse Coupling	5-23-89 1381	By Inspection	X	500 HR 1831	Richard D Brown AIP 418961876
79-12-08	Fuel Contamination & deterioration of fuel system	1372	By Inspection	X	50 HR 1422	Richard D Brown AIP 418961876
83-10-01	Retention of water and contamination of fuel Syst	1372	By Inspection	X	50 HR 1422	Richard D Brown AIP 418961876
82-27-03	Rotomaster Turbocharger	1372	By Inspection	X	50 HR 1422	Richard D Brown AIP 418961876
75-08-09	Rt Engine Oil Pump Gear	5-23-89 1331	Replace oil pump gear	X		Richard D Brown AIP 418961876
90-04-06	To prevent oil line fracture loss of engine oil	4-21-90 1372	By Inspection	X	100 HR ENGINE O H see 44	Roland M Swann AIP 1340634
84-26-02	Induction Air Filters	4-21-90 1372	N/A No paper filters	X		Richard D Brown AIP 418961876
74-13-1	STAB TORQUE TUBE	6/93 1701	BY INSPECTION	X		
75-27-8	TORQUE TUBE BEARING FITTING		BY INSPECTION	X		
76-18-5	FWD FIN ATTACH		DYE CK INSP	X		
77-13-21	PREV. L.G. COLLAPSE		INSN AND REPLACE BUNGEE'S	X	382010R 6/96	
79-12-8	FUEL SEL VALVES		PART A 4-SL 851	X	2751	
83-10-1	WATER + FUEL SYS INSP		PARA (A) (1) (3) + (C) (2)	X	2751	
82-7-3	JANITROL HEATER		INSP + DECAY CK	X	645097901	
78-9-7R3	IMPULSE COUPLING		INSPECTION	X	2201	
82-27-3	ROTO MASTER		NEW CLAMPS	X	1901	
92-12-10	LYCOMING		INSP + NEW HARDWARE	X	1801	
92-12-5	LYCOMING		N/A AFFECTED PINS NOT INSTALLED	X		
92-5-21	AC LYCO RAY FUEL PUMPS		N/A NO MOD	X		
90-2-23	HARTZELL PROP		N/A BY MODEL	X		

Andrew Chab  
 NEW CHS. FWD  
 CRJ-CEK 20 55X

