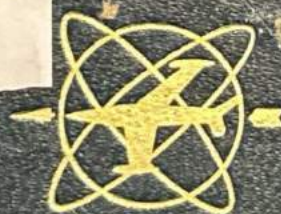


1993 TO PRESENT

AIRFRAME



The Standard

AIRCRAFT LOG

ASA-SA-2

#2

715 552 3862

TEMPEST

Air Filter Change Reminder

Installed at: Change at:

4490 Hrs. 4990 Hrs.

SEP 07 Date

AIA Aero Accessories, Inc.

Aircraft Record General Information

Manufacturer Piper Model PA-39
Serial 39-125 Registration Number N88WW
Date of Manufacture Sept, 2, 1971
Engine(s) currently installed:
Manufacturer Lycoming Model I0-320-B1A Lft.
HUB Model RT HC-E2YL-2BLS/7663-4 Serial BG 2432 Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

Left Eng. S/N L-4729-55A
RT. Eng. S/N L-233-66A

Left Prop HC-E2YL-2BLS/7663-4 S/N BG 1159
RH Prop HC-E2YL-2BLS S/N BG 2432

ELT Battery Due mid 93

Description of Inspections, Tests, Repairs and Alterations

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

DATE

1993

RECORDING
TACH
TIME

Left

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

5/14/93

2866.8

New ELT Battery Installed, Operation Tested OK.

Battery Due chg. 5/95. AD 79-20-10 clw By Insp.

Per ST. 850 Parts (1) (2) (3). AD 74-13-03 checked +

Found to Have NON Corrosion Resistant Bolts Installed. Records

Indicate Stainless-Corrosion Resistant Bolts Installed. Bolts

Removed, Found Badly Rusted, Replaced with New Bolts +

Nuts of Corrosion Resistant material. **HEB**. AN175-C32A

(502-342) **4er** m520365-524C (404-899), New Washers.

AD 74-16-08 clw By Insp. of Alt Bulkhead in Fuselage

AD 76-18-05 clw By Insp. Visually of Bend Relief Cutouts of

Fwd. Fin Arch Channel. New Landing Light Sealed Beams in

Left + Right Side. New Bearing Cones + Inb. CUP In Left wheel.

New Inb. CUP + Cone In RT wheel. New Bearing CUPS + Cones In

Nose wheel. Replaced All wheel Bearings with grease after cleaning +

Insp. AD 79-12-08 (6/19/79) Fuel Selector Valve Inter-Port

Leakage Insp. clw By Insp Only Per AD Instructions And

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 <u>93</u>				<p>Piper S.L. 851 'Pant A', AD 83-10-01 C/15/83 C/W By</p> <p>Inspection of Fuel Strainers per Para. 'A'(1)(2)(a)(b), New gaskets</p> <p>put on Both Strainer Bowls, Landing gear lubricated, Numerous</p> <p>grease fittings had to be removed & cleaned out to accept grease.</p> <p>Piper Inst. Form 230-209 used to Conduct Insp. Note:</p> <p>AD'S 79-12-08 + 83-10-01 Are Due Each 50 hrs</p> <p>Upper Flap Return Springs Replaced with New on Left + Right</p> <p>Flaps, New Central Air Filter Installed in gyro system. Secured</p> <p>wire Bundle under Rear Floor of Cabin where Rubbing Edges of</p> <p>Sheet metal, Fabricated New Brackets on Left + RT. main gear</p> <p>Brake System Bled & Serviced. Freed + Lub. (3) Stuck Pulleys</p> <p>In Rudder Trim Sys under Cabin Floor. AD 82-07-03 C/W on</p> <p>Igniter Heater By Aircraft Components Inc., Also New Bearings</p> <p>Installed in Combustion Air Blower motor By Same Company under</p> <p>W.O. # 4045, Heater Re-installed After Test & Repair, See</p> <p>Commt. Release + other Data Attached, Heater model B2030 P/W 20035</p>

DATE	RECORDING TACH TIME	TOI FLI
19 <u>93</u>	<u>2866.84</u>	

S/N 3691355

Installed PA39
5/21/93
per

SERVICEABLE

Aircraft Components, Inc.

13170 N.W. 43rd Avenue Suite A, Miami, Florida 33054

Tel. (305) 681-4200 Fax (305) 769-2203

FAA Repair Station K14R311M

Part HEATER Mfg JANITROL

Part No. 20D35 Serial 3691355

Remarks BENCH TEST ONLY

W.O. No. 4045

Date 05-05-93

Inspector [Signature]

A/C # _____

W.O. # 4045 INSP. [Signature]

Battery Box Repaired By Installing Drain Tube In Bottom of Box +
Attaching Drain Hose To Overboard Vent. Previous Tube + Hose Remained
+ Sealed off By Unknown Agency. Inspection plates in Exhaust Trunk
Area Sealed upon Installation with RTV. Exhaust Trunk Areas
Cleaned + Inspected. Entire Areas Aft of Stainless Panels

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 <u>93</u>				<p>Including Section of Flaps were Sanded, Primed AS Needed and Painted Gloss Black. Replaced missing Bleeder act on RT-Brake wheel cyl. Replaced missing Fabric Patch in out board Section of Each main wheel well Part B of AD 79-12-08 CLW By Paul W. Helgren Inserting Page 3 of Piper SL 851 in Pilot Handbook (manual) This Info could not be found in Records or manual, This Being The Reason For Compliance At This Time. Paul W. Helgren #1372124 AIP-IA</p> <p>I certify that this aircraft has been inspected in accordance with <u>An Annual</u> inspection and was determined to be in airworthy condition.</p> <p>Date <u>May 14, 1993</u></p> <p>Total Time Airframe <u>2866.8 hrs.</u> Left Tach <u>11.1</u></p> <p>Signed <u>Paul W. Helgren #1372124 AIP</u></p>

ELT Battery Due May 95

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 <u>93</u>	<u>LEFT</u>			
8-17-93	2942.10			INSTALLED NEW CLEVELAND METALLIC LINING 66-15 & 66-19 ON LEFT & RIGHT BRAKE ASSEMBLY
	<u>Left</u>			
6/7/94	3063:86hrs			RePainted Both Induction Air Filter Boxes And Covers with Sheet metal + Rivets. New Air Filter Elements Installed (Paper type). All Wheel Bearings cleaned + RePacked. Both main wheel Tires Replaced with new McCherry 650-6 GPR Tires Supplied By owner. AD 77-13-21 Part (b) Clw By Installing New Bungee Cords. New O' Ring Seals Installed on RTE wheel cyl. Piston. Bled + Serviced Brakes. AD 74-16-08 Clw By Insp. of Alt Bulkhead For Cracks. AD 76-18-05 Clw By Insp. For Cracks in Radius of Bend Relief Holes of Fwd. Fin Spar AD 79-12-08 Clw By Insp. of Both Fuel Selectors For Intermittent Leakage AD Part (a) + SL 851 Part (a) <u>Due Ea. 50 hrs</u> AD 79-20-10 Clw By Insp. of Ail. Nose Ribs For Cracks

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				<p>Per AD + SL 850 (1)(2)(3), AD 83-10-01 C/W By Insp. For Water Retention + Contamination of Fuel Per AD Para (A) (1)(2)(3)(6). <u>Due E2. 50 hrs.</u> AD 84-26-02 C/W By Installing New Paper Type Induction Air Filters on Left + Right Eng's. Due E2 50 hrs or on Condition. See AD Sheet Attached To Back of This Book For more Details of AD's. Airframe Lubricated. Battery Serviced, Box Flushed. Cable Tensions checked, Adjusted Trim Cables As Required. main cables within Limits. Connect Lead wire at Warning Horn. AD's checked To Date New oil Pressure Hose And Fire Sleeve Fabricated For Left Eng. Iron Firewall To Rear Case Fitting. Both main Starts Repaired with New O'Rings on Lower Bearing Pack. Start Serviced with oil + Air. Nose Start Serviced with oil + Air. New #14843-030 Bushings Installed In Swivel Bolts on main gear (on Each Side) AD 82-07-03 (5/6/82) Sanitrol Heater Insp. Is Due 5/95 or 5/95 Time at 100 hrs heater operation whichever First. Heater Has <u>Two</u></p>

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.)
				hrs. of operation in Past Year Per Records.
				Paul W. Hilgner 1372124 A.P.-IA
				I certify that this aircraft has been inspected in accordance with <u>An Annual</u> inspection and was determined to be in airworthy condition.
				Date <u>June 7, 1994</u>
				Total Time <u>3063:86 hrs.</u>
				L. Tech 3063:86 hrs. Per Records
				Signed <u>Paul W. Hilgner</u> 1372124 IA

[illegible]

DATE 19 <u>95</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-1				
RH -	3278.63			
LH -	3181.46			
				<p> C/w Annual Inspection, open all panels inspect & lub all Controls Replaced Bulb for gear up-light Replaced ECT Battery Exp 5-97 Apps chkd ECT per FAR 91-207 Repaired LH Nose Bowl with Fiberglass Repair, Repaired LH Cowling drain tube. Repaired broken RH Engine Attenuator ground strap. C/w AD 82-07-03 by performing heater decay test & inspection. Clean Battery Box & Painted. Serviced Brake Reservoir with 5606. Provided owner with Complete list of AD's and Compliance Record. </p>

DATE 19 <u>95</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
----------------------	---------------------------	------------------	-----------------------------	---

7-1				
R	3278.63			
L	3181.46			

DATE 7-1-95 T.I. IN SERVICE 3181.46

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED
IN ACCORDANCE WITH A ANNUAL INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Dr. H. L. IA44626512

10-4-96

R	3384.54			
L	3278.11			

c/w Annual inspection per PA39 inspection
ck list, open entire A/c sys. & test all
Controls ELT Exp. 5-97 cross chkd per
91-207 ck good. c/w AD 74-16-08 aft blk
head inspect. c/w AD 77-13-21 Burgers due
Replacement 7/97. c/w AD 79-12-08 Fuel
Valve & ok. c/w AD 79-20-10 c/w AD 83-10-01
Fuel sys. inspect. c/w AD 94-13-10 Torque
tube c/w AD 95-20-07 Side bracket stud
dye ck. updated Compliance Record

Cont → © 1992 ASA

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/4	Cont → R- 3384.54 L- 3278.11			unseized gear door Rod ends Replaced Lea. Rod ends. serviced Brake Return It entry that this Aircraft was inspected I/A/w a Annual Inspection & was determined to be in Airworthy Condition. Whitt L IA 44626572 10/4/96 Replaced RH Tach with Zero Time old Tach Time 3384.54 New Time - 0- Whitt AEP 44626572

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/7/96				Installed the following Sopwith speed modifications
TACH RH - 1.0 -				Fiberglass Nose Bowls
ACTC: 3385.54				Hartzell Spinners
				Flap gap seal kit
				Speed splitter kit
				one piece windshield
				see 337 dated 10/7/96
				Aircraft test Flown all Systems checked Normal
				Shull ATP 44626512

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.)
------	---------------------------	------------------	-----------------------------	---

3/4 Rh 40.26 fulfilled P.S. Engineering PM1000 TSO'd,
LH 3323.0 replace intercom No charge to at & Bal.

AEROJET SERVICE CENTER INC.
240 AVIATION DR. N.
NAPLES, FL 33942
FAA CRS # XJ8R036N

7/28/97 3356.9 LH
76.48 RH

R&R all Tires, Replace all
Brake pads, Tighten play in gear
doors, Service Compass Fluid.
Tighten Freq. Knobs on Nav/Com.
Replaced LH Aux. Tank Fuel Cap
with New Part. *Drith*
AEROJET
XJ8R036N
WO# 755.

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/7	3427.0	LH		<p> C/w Annual Inspection per PA39 Check list & part 43 app. D. opened all panels lvs. & lub all Controls. Jacked & performed gear inspection & retraction. Replaced Bungees per AD 77-13-21 R/R Battery Box Cleaned & Painted R/R R/R & LH Main Fuel Tanks (see yellow tags) Filled & checked good. Replaced Main Bald Press. gauge. Replaced Cabin door hinge Assy. Installed New Rivets under LH nacell. (4ea) checked EIT per FAR 91207 Battery Exp. Nov. 99. R/R Fuel Strainers Replaced Filter Retainers. AD'S Revised AND Completed see Compliance Records. CONT → </p>

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/12	3529.59			c/w 100HR. Inspection per Piper PA39 Check-list & Pat 43 app.D. open all panels. Ins. & Lub all Controls. R&R Brake Housings Replaced O-rings Replaced Landing Light (LH) & AD's 93-2-05 injector lines, 83-10-01, 94-13-10, 79-20-10, 79-12-08 74-16-08 82-07-03, Tighten ply in tongue links Tached w/c Retractions performed grease & Lub gear as Required. Removed R&L LH Horiz. Stabs. Removed Vert. Fin Replaced Fuselage skins P/N's 22574-02 20500-11 inspected Tail Structure & Bearings Reinstalled Vert Fin, Rudder & Horizontal Stabs, Paint & Balance checked Horizontal Stabs. Rigg Systems & Aft Cable

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.)																																														
				<p><i>versions per mm. see 337 dated 3/12/98.</i></p> <p>The ATC Transponder has been tested and found to comply with FAR 43, appendix F, as required by FAR 91.413 Aero Jet Service Center CRSXJ8F036N Sig. <i>[Signature]</i> Date <i>3/12/98</i></p> <p>The Altimeter, Pilot, Static and Altitude Reporting Systems have been tested and found to be in compliance with FAR 43, appendices E and F, as required by FAR 91.411 Aero Jet Service Center CRSXJ8F036N Sig. <i>[Signature]</i> Date <i>3/12/98</i></p> <p><i>versions per mm. see 337 dated 3/12/98.</i></p> <p>DATE <i>3/12/98</i> T.T. IN SERVICE <i>3529.59</i> I CER FYTIA: THIS <i>Airport</i> HAS BEEN INSPECTED IN ACCORDANCE WITH A <i>100 hr.</i> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <table border="1"> <thead> <tr> <th>ALTITUDE X1000 FT.</th> <th>ALTIMETER ERROR</th> </tr> </thead> <tbody> <tr><td>-1</td><td>-5</td></tr> <tr><td>0</td><td>-10</td></tr> <tr><td>.5</td><td>-10</td></tr> <tr><td>1</td><td>+10</td></tr> <tr><td>1.5</td><td>+10</td></tr> <tr><td>2</td><td>-5</td></tr> <tr><td>3</td><td>+10</td></tr> <tr><td>4</td><td>+10</td></tr> <tr><td>6</td><td>+10</td></tr> <tr><td>8</td><td>+20</td></tr> <tr><td>10</td><td>+20</td></tr> <tr><td>12</td><td>+30</td></tr> <tr><td>14</td><td>+20</td></tr> <tr><td>16</td><td>+30</td></tr> <tr><td>18</td><td>-40</td></tr> <tr><td>20</td><td>-60</td></tr> <tr><td>25</td><td></td></tr> <tr><td>30</td><td></td></tr> <tr><td>35</td><td></td></tr> <tr><td>40</td><td></td></tr> <tr><td>45</td><td></td></tr> <tr><td>50</td><td></td></tr> </tbody> </table>	ALTITUDE X1000 FT.	ALTIMETER ERROR	-1	-5	0	-10	.5	-10	1	+10	1.5	+10	2	-5	3	+10	4	+10	6	+10	8	+20	10	+20	12	+30	14	+20	16	+30	18	-40	20	-60	25		30		35		40		45		50	
ALTITUDE X1000 FT.	ALTIMETER ERROR																																																	
-1	-5																																																	
0	-10																																																	
.5	-10																																																	
1	+10																																																	
1.5	+10																																																	
2	-5																																																	
3	+10																																																	
4	+10																																																	
6	+10																																																	
8	+20																																																	
10	+20																																																	
12	+30																																																	
14	+20																																																	
16	+30																																																	
18	-40																																																	
20	-60																																																	
25																																																		
30																																																		
35																																																		
40																																																		
45																																																		
50																																																		

DATE 19 <u>98</u> <u>3/12</u> <u>Cont.</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<p>The aircraft/air frame/engine/propeller or appliance identified herein repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Per details of the repair are on file at this repair station on WO # <u>863/881</u> Date <u>3/12/98</u></p> <p>Signed <u>[Signature]</u> For <u>AEROJET XT8R036N</u> Auth. Rep. CRS Name</p>				<p>DATE <u>3/12/98</u> T.T. IN SERVICE <u>3529.59</u> I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>General</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p>
<u>5/9/98</u>	<u>3545.0</u>			<p>Replaced Rh Main wheel Assy. Installed New Brake disc Installed Lea. main tire Replace Lea. Brake Pack. Bleed Brake System. Tach A/c Performed gear Retraction & ops check good. <u>[Signature]</u> AEROJET XT8R036N</p>

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/1	Rh 382.52 LH 3628.5			C/w Annual Inspection per FAR 43 app. D & PA39 inspection ch. lit. open all Panels
TOTAL	3628.5			Inspected & lub all Controls. C/w FAR 91 207 app. ched ELT & BATT. Exp. 11/99. Jacked A/c performed Gear Retraction greased & lubed as Required. Replaced Loose Rivets Under Rh & LH Nacells. degreased & Cleaned Rh & LH gear wells. R & R wheels greased & Sealed Bearings Replaced Brake pads. Replaced IB Rh Aileron Bearing. P/N 25704-00. Replaced Rh Boost pumps with overhauled Unit. Installed PTT Switch for Co-pilot. Replaced LH Nav. Light Cover P/N A426. Replaced Rocker Cover gaskets Rh Engine.

DATE 9/8	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.)
10/1 TT	3628.5			c/w AD 74-16-08 Bulkhead inspect & OK. due ea. 100 Hrs.
				AD 77-13-21 Bungees due 11/2000 or 500 Hrs since last.
				c/w AD 79-20-10 F/A/w SL 850 1, 2, 3, 4 due ea. 50 Hrs
				c/w AD 79-12-08 I/A/w SL 851 A, B due ea. 50 Hrs.
				c/w AD 83-10-01 Fuel Sys. due ea. 50 Hrs.
				c/w AD 94-13-10 I/A/w SB 411A due ea. 50 Hrs.
				AD 97-01-01 gear STUDS due @ TT 4275.
				AD 96-20-07 heater ch due Next Annual. AD Compliance Record updated & Entered in A/c Records CONT-7. AD 98-04-27 c/w Bg Copy Entered in AFM.

DATE 19 <u>98</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
----------------------	---------------------------	------------------	-----------------------------	---

10/1

TT 3628.5

DATE 10/1/98 T.T. IN SERVICE 3628.5

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
IN ACCORDANCE WITH A ANNUAL INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Drift IA44626512

5/25/99 3225.8

PERFORMED TRANSPONDER TEST IAW FAR
43 APPENDIX "E" PARAGRAPH "E" NO DEFECTS
NOTED.

WHL
CRS # X042655M

5/26/99 3225.8

PERFORMED TEST OF #1 GLIDESLOPE SYSTEM
AFTER RESETING GLS 350 CANNON PLUG, USING
NAU 401C TEST SET. NO DEFECTS NOTED

WHL CRS X042655M

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.)
------	---------------------------	------------------	-----------------------------	---

Aircraft Painting Center, Inc.



3804 St. Lucie Blvd. St Lucie Cty. Int. Airport
Fort Pierce, Florida 34946

PHONE - (888) 465-7711
FAX - (888) 465-9471



LOG BOOK SUPPLEMENT

A/C MAKE: Piper	MODEL: PA-30, -39
REGISTRATION NO. N88WW	DATE: 9-1-99 S/N 39-125
STRIP AND PAINT POLYURETHANE	
PRIMARY: Matterhorn White JG 570-535	
SECONDARY: Blue 63203U IM	
TRIM: Medium Gold Met. 44469 IM	
TRIM: Medium Gray Acry Glo TP-10081	
CUSTOM PAINTED BY: Aircraft Painting Center, Inc.	
Checked Balance on flight control surfaces and installed flight controls in accordance with manufacturer specifications.	

SIGNATURE

LIN. NO.

AC 109506807

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 99	3694.45	—	—	<p>INSTALLED KNOTS TO YOU RUDDER FIN CAP/STROBE FAIRING AND AEROFLASH ANTI COLLISION LIGHT SET SYSTEM P/N 156-0030R (RED) CAP ASSY AND (RED) + P/N 308CN CAP IAW STC #SA1662GL INSTALLATION INSTRUCTIONS AND AC 43.13 CAP 4. PARA 41 & FAR 23.1401 ARE IN COMPLIANCE AND FORM 337 COMPLETED</p> <p>The aircraft/airframe/engine/propeller or appliance identified herein 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 repair station under WO# 1379 Date 10 06 99 Signed <i>[Signature]</i> For AEROJET SERVICE CENTER INC. Auth. Rep. 240 AVIATION DR. N. NAPLES, FL 34102 FAA CRS # XJ8R036N</p>

DATE

19

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport

Bartow, FL 33830

941-533-1870 FAA VF4R594M

DATE: 11-18-99 TACH: 3695

W.O. 11914--N88WW--Aircraft

1) ELT Test FAR 91-207 D

R/R Battery w/new 11-01
Test OK

2) Set RPM to Spec.

3) Install new Mirror on Cowl

4) AD 74-13-21 Cords, R/R w/
new Part A Re-Bush

5) AD 74-16-8 BLK Inspected OK

6) AD 79-12-8 Fuel Inspected OK

7) AD 79-20-10 Spar Aileron
Inspection, Inspected OK8) AD 83-10-1 Fuel, Inspected
OK9) AD 94-13-10 Stabilizer
Inspected OK10) AD 96-20-7 Heater
PDT Tested OK

11) Lube Top Elev. Trim Pulley

n of Inspections, Tests, Repairs and Alterations
be endorsed with Name, Rating and Certificate Number of
Repair Facility. (See back pages for other specific entries.)

Date 11/18/99

AIRCRAFT ENGINEERING INC.

Bartow Airport

813 / 533-1870

Repair Station FAA Approved VF4R594M

TAC 3695

Total Time 3695

I certify that this AIRCRAFT has

been inspected in accordance with an
ANNUAL inspection and has been
determined to be in airworthy condition.

AD's thru Card 99-20

AD list back of log book.

For details work order # 11914

Bill Turley Signature

Inspector

Rating

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow, FL 33830

941-533-1870 FAA VF4R594M

DATE: 11-18-99 TACH: 3695

W.O.11914--N88WW--Aircraft

- 12) Repair Wire on Gear Horn
- 13) Fill Compass with fluid
- 14) R/R Vac Relief Filters
with new
- 15) Pull and Inspected Bungee
Arms, Inspected OK
- 16) R/R O-Ring in R/H Wheel
Cylinder with new, bleed
line
- 17) R/R Central Vac Filter
with new
- 18) R/R A+ Battery Cable with
new
- 19) R/R L/H Aileron Bearing
with new
- 20) Stake R/H Aileron Rod
Bearing

Aircraft Engineering, Inc.

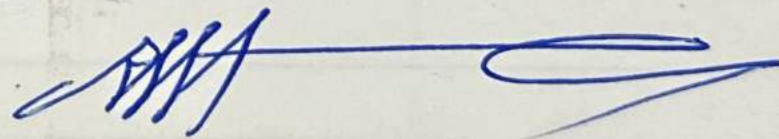
Bldg. 434 Bartow Airport
Bartow, FL 33830

941-533-1870 FAA VF4R594M

DATE: 11-18-99 TACH: 3695

W.O.11914--N88WW--Aircraft

- 21) SB Heater Control Valve
R/R With new
- 22) SB Tail Bolt Inspection
Inspected and Spray T-9
- 23) Re-Set Top Rudder Bolt
- 24) R/R Main Gear Door Hinges
with new
- 25) Repair Top Both Main Doors
- 26) R/R Nose Wheel Bearings
with 2 new
- 27) R/R L/H Brake Line Clamps
with new
- 28) Clean and Paint Battery Box
- 29) Flush L/H Mixture Cable



Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport

Bartow, FL 33830

941-533-1870 FAA VF4R594M

DATE: 11-18-99 TACH: 3695

W.O. 11914--N88WW--Aircraft

- 1) Aircraft weighed on
Certified Scales 11-18-99

New Empty Weight 2451 LBS

New Empty Weight CG 83.36"

New Empty Weight Moment
204324

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

See back for
5-00

LBW

19
NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N88WW DATE: 2/12/00 TACH: 3709.0 WORK ORDER: 6996

REPLACED ATTITUDE INDICATOR WITH OVERHAULED UNIT S/N X90302H. OPS CHECKS
GOOD ON RUN UP.

T. Mark Prince

T. MARK PRINCE

FOR NAPLES AIR CENTER, INC

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.)	ations r of ries.)
			4-22-00 TAI 372	
			UP FOR GREAT	
			UNAPD CLPAD	
			MM	
			DA 10977	

Date: 5/17/00, A/C Time: hours, N Number: N88WW

A/C Make: Piper A/C Model: PA-39 A/C SN: 39-125 W.O. NO: 051700

Removed the following equipment: King KX 170B Apollo GX 55 King KX 195 Narco ADF 31
King KI 201

Installed the following equipment: Garmin GNS430 Nav/Com/GPS Garmin GA 56 antenna kit
Garmin converter 14 to 28 VDC Garmin GI 106A indicator Apollo SL 40 com

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

The new aircraft empty weight is: 2433.5 lbs.

The new center of gravity is 83.23

The new moment is: 202534

The new useful load is: 1166.5 lbs. Authorized Signature for:

CUSTOM AVIONICS, 418 BARTOW MUNICIPAL AIRPORT, BARTOW, FL. 33830

CRS # TK4R547M 92 ASA

© 1992 ASA

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				

N88WW 5-12-00 H=362.1 TACH=3728.4

THE ALTIMETER TESTS REQUIRED BY FAR 91.411

AND FAR 43 APPENDIX E, PARA (b) HAVE BEEN

PERFORMED ON, DATE 4-27-00.

TESTED TO 20,000 FT.

PILOTS Aerosonic PIN 101627-01696 SIN 126822

CO-PILOTS N/A PIN N/A SIN N/A

SIGNATURE [Signature] C.R.S. NO X04R655M

CERTIFY THAT THE TRANSPONDER TEST RE-
QUIRED BY FAR 43, APPENDIX F, HAS BEEN PER-

FORMED ON NO. ONLY, MFG. NAI/CO,

MODEL NO. AT-50, SIN —, DATE 4-27-00

SIGNATURE [Signature] C.R.S. NO. X04R655M

THE STATIC LEAK TEST REQUIRED BY FAR 43,
APPENDIX E, PAR A, HAS BEEN PERFORMED ON,

DATE 5-12-00, AND THE SYSTEM INTEGRATION

TEST REQUIRED BY FAR 43 APPENDIX E, PAR C

HAS BEEN PERFORMED ON, DATE 4-27-00

SIGNATURE R with C.R.S. NO. X04R655M

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				

NAPLES AIR CENTER, INC.

CRS X04R655M

230 AVIATION DRIVE SOUTH

NAPLES, FLORIDA 34104

AIRCRAFT: N88WW DATE: 5-12-00 WORK ORDER: 7116 HOBBS: 362.1 TACH: 3728.4
REMOVED AND REPLACED LEFT YOKE COIL CORD AND PUSH TO TALK. TRIM AND PTT
SWITCH OPERATIONALLY TESTED GOOD. REMOVED AIRSPEED INDICATOR FOR REPAIR.
REINSTALLED REPAIRED AIRSPEED INDICATOR P/N 541B-842 S/N LE6260. PERFORMED
PITOT/STATIC SYSTEM LEAK RATE TEST IAW FAR 43 APPENDIX E PARAGRAPH A. NO
DEFECTS NOTED.

SEE WO# 7116 FOR PERTINENT DETAILS.

-----END-----

Timothy Mark Prince

TIMOTHY MARK PRINCE.

FOR NAPLES AIR CENTER, INC. CRS X04R655M

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.)
----------------	---------------------------	------------------	-----------------------------	---

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104

AIRCRAFT: N88WW DATE: 6-5-00 WORK ORDER: 7160 HOBBS: 390.2 TACH: 3753.23
SERVICED MAGNETIC COMPASS WITH FLUID. SWUNG MAGNETIC COMPASS AND
COMPENSATED AS REQUIRED. N, 30, 60, E, 120, 149, 179, 210, 240, W, 301, 331.
SEE WO# 7160 FOR PERTINENT DETAILS.

-----END-----

Timothy Mark Prince
TIMOTHY MARK PRINCE.

FOR NAPLES AIR CENTER, INC. CRS X04R655M

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow, FL 33830

863-5331870 FAA VF4R594M

DATE: 6-30-2000 TACH: 3770

WO# A6047 N88WW

1. AD83-10-1 INSTALLED
FUEL SUMP *insd*
2. AD74-16-8 INSPECTED
BLK
3. AD79-12-8 TESTED FUEL
4. AD79-20-10 INSPECTED
SPAR
5. AD94-13-10 RIVETS
INSPECTED
6. REGLUED WIND RUBBER BOOT

Description of Inspections, Tests, Repairs and Alterations
must be endorsed with Name, Rating and Certificate Number of
Technician or 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				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p>

Date: December 11, 2000, A/C Time: 3831.6 hours, N Number: N88WW

A/C Make: Piper A/C Model: PA-39 A/C SN: 39-125 W.O. NO: 121100

Removed the following equipment: King KA134 Audio Panel King KR21 Marker Beacon

PSEngineering PM1000 Intercom

Installed the following equipment: Garmin GMA340 Audio Panel

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

The new aircraft empty weight is: 2432.4 lbs.

The new center of gravity is 83.24 inches

The new moment is: 202472.3

The new useful load is: 1167.6 lbs. Authorized Signature for:

Custom Avionics, 418-S Bartow Airport, Bartow, FL 33830

CRS #TK4R547M

Gary DeMachino

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow, FL 33830

863-5331870 FAA VF4R594M

DATE: 12-14-00 TACH: 3831
604

W.O.1201--N88WW--Aircraft

- 14)AD 77-13-21 Part B,
R/R Cords with new.
- 15)AD 79-20-10 Fuel, Inspected
- 16)AD 83-10-1 Fuel, Inspect
and Clean.
- 17)AD 94-13-10 Stab. Rivets,
Inspected.
- 18)R/R NOse Tire with new.
- 19)R/R 2 Brake Pads each
side with new.
- 20)R/R Nose Tire Tube with
new.
- 21)R/R L/M Tire Tube w/new
- 22)R/R 9 Exhaust Shield
Rivets with new.
- 23)R/R 2 Vac Relief Filters
with new.
- 24)R/R 2 Main Gear Door
Bumber with new.

Aircraft Engineering, Inc.

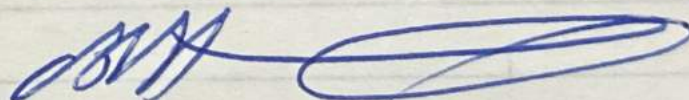
Bldg. 434 Bartow Airport
Bartow, FL 33830

863-5331870 FAA VF4R594M

DATE: 12-14-00 TACH: 3831
604

W.O.1201--N88WW--Aircraft

- 25)R/R Up Light Lamp w/new.
- 26)R/R Elev. Trim Bushing
with new.
- 27)SB 56 Vac Filter, C/W
Inspection OK "56"
- 28)Set Elevator Tension to
Limits.
- 29)Set Elevator Trim Tension
to Limits.
- 30)SB 39 Vac Check Valve
Test, Test OK.
- 31) R/R A/C BATTERY w/NEW.



DATE

19

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport

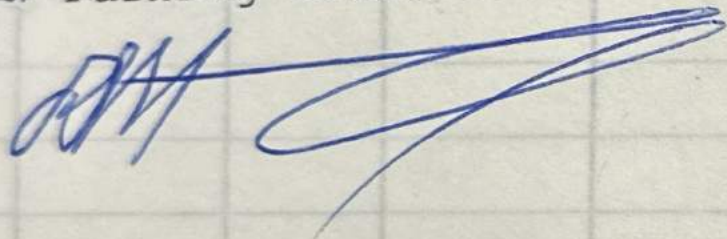
Bartow, FL 33830

863-5331870 FAA VF4R594M

DATE: 7-25-01 TACH: 3906

W.O.7140--N88WW--Aircraft

- 1) Repair Door Seals.
- 2) R/R Master Cylinder O-Ring
at Parking Brake and Bleed.

**Aircraft Engineering, Inc.**

Bldg. 434 Bartow Airport

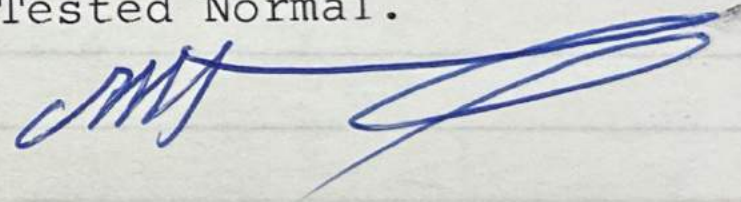
Bartow, FL 33830

863-5331870 FAA VF4R594M

DATE: 9-18-01 TACH: 2929

W.O.9125--N88WW--Aircraft

- 1) R/R Horizon Gyro P/N 52D67
S/N A7396 with OH unit.
- 2) R/R Vac Hoses with new.
- 3) Adjust Vac Reg. to Spec.
- 4) Tested Normal.



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description Entries must be Technician or
19				
<p>Date <u>1-11-02</u></p> <p>AIRCRAFT ENGINEERING, INC. Bartow Airport 813 / 533-1870</p> <p>Repair Station FAA Approved VF4R594M</p> <p>TAC <u>3961</u> Total Time <u>3961</u></p> <p>I certify that this <u>A12K2000</u> has been inspected in accordance with an <u>Annual</u> inspection and has been determined to be in airworthy condition.</p> <p>AD's thru Card <u>2001-25</u></p> <p>AD list back of log book.</p> <p>For details work order # <u>A 212</u></p> <p><u>[Signature]</u> Inspector</p>				

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow, FL 33830

863-5331870 FAA VF4R594M

DATE: 1-11-02 TACH: 3961L
746R

WO#A212 N88WW

1. ANNUAL INSPECTION
2. PAINTED BATTERY BOX
3. ELT TESTED FAR91.207D
REPLACED ELT BATTERY
DUE 2-04
4. REPLACED PILOT AND CO
PILOTS SEAT BELTS
5. REPLACED WING BAND RUBBERS
NEW
6. REPLACED OVERHAUL ATTITUDE
INDICATOR
7. REPLACED O RINGS BRAKE
MASTER CYLINDER L/H AND
BLEED
8. REPAIRED WIRE CLOCK LITE
9. REPLACED POST LITE
10. INSTALLED POST LITE FOR
EGT AND VACUMN GAUGES
11. FLUSHED STATIC SYSTEM
12. AD74-16-8 INSPECTED BLK

Bldg. 434 Bartow Airport
Bartow, FL 33830
863-5331870 FAA VF4R594M

DATE: 1-11-02 TACH: 3961L
746R

WO#A212 N88WW

13. AD77-13-21 PART B RE-
PLACED CORDS NEW
14. AD79-12-8 TESTED FUEL
15. AD79-20-10 INSPECTED
SPAR
16. AD83-10-1 INSPECTED FUEL
17. AD94-13-10 INSPECTED
STAB RIVETS
18. AD96-20-7 PDT TESTED
HEATER
19. AD2001-17-13 HEATER
VALVE, NEW PART ON ORDER
CAP OFF
20. PAINT TOUCHED UP NOSE
WHEEL ADF LEFT ENGINE
UNDER BOTTOM
21. CHECKED CALIBRATION
AIS INDICATOR
22. REPLACED LEFT BRAKE PADS
NEW

Bldg. 434 Bartow Airport
Bartow, FL 33830
863-5331870 FAA VF4R594M

DATE: 1-11-02 TACH: 3961L
746R

WO#212 N88WW

23. SET AILERON CABLE TENSION
TO SPECS

2-1-02.

Installed a P/N 23004-7.5
Fuel Valve for the
Aileron system. ops
checked good.

TAC 3965

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport

Bartow, FL 33830

941-533-1870 FAA VF4R594M

DATE: 9-17-02 TACH: 4051 Hrs.

N88WW-----Airframe-----

1. C/W AD79-12-8 by testing valve.
2. C/W AD94-13-10 by inspection.
3. C/W AD83-10-1 by inspection.
4. C/W AD79-20-10 By inspection.

-----END-----



Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport

Bartow, FL 33830

941-533-1870 FAA VF4R594M

DATE: 9-27-02 TACH: 4054 Hrs.

N88WW-----Airframe-----

1. Installed Turn co-ordinator,
P/N 1394T100-7Z, S/N 2106-165.
performed ops check.

-----End-----



1. UNITED STATES		2. FAA FORM 8130-3 AIR WORTHINESS APPROVAL US Department of Transportation Federal Aviation Administration	
4. Organization		PRECISION AVIONICS & INSTRUMENTS 495 Lake-Mirror Road, Bldg. 800, Suite G Atlanta, Ga. 30349 FAA Approved Repair Station #ZV4R714M	
6. Item	7. Description	8. Part Number	9. Eligibility
	TURN CO-ORDINATOR	1394T100-7Z	TBV - INSTALLED
13. Remarks: REFERENCE SHOP WORK ORDER FOR RECORD OF WORK PERFORMED WITH current Regulations of the Federal Aviation Administration and is approved for use. Limited life parts must be accompanied by maintenance history including total time/			
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			
15. Signature:		16. FAA Authorization No.: 20	
17. Name (Typed or Printed):		18. Date:	

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.)

FAA Form 8130-3 (11-93)

*Installer must complete

13. REMARKS: PURCHASE NEW

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Ins Entries must be endorsed by Technician or Repair Person
	4091		4091	
<p>Date <u>4-10-03</u></p> <p>AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870</p> <p>Repair Station FAA Approved VF4R594M</p> <p>TAC <u>4091</u> Total Time <u>4091</u></p> <p>I certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in airworthy condition. AD's thru Card <u>2003-6</u> AD list back of log book. For details work order # <u>A431</u></p> <p>Inspector <u>[Signature]</u></p>				

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow, FL 33830
863-5331870 FAA VF4R594M

DATE: 4-1-03 TACH: L4091

WO#A431 N88WW R886

1. ANNUAL INSPECTION
2. PAINTED BATTERY BOX
3. ELT TEST FAR91.207D TESTED OK
BATTERY DUE 2-04
4. CLEANED HEATER PLUG
5. FLUSHED OUT STATIC LINES
6. LUBED AND CLEANED ELEC TRIM
7. INSTALLED HUB CAPS L & R
8. CLEANED PLUGS AUTO PILOT
SERVO
9. LUBED DOME LITE SWITCH
10. AD74-16-8 INSPECTED BLKHEAD
11. AD77-13-21 PART B REPLACED
CORDS
12. AD79-12-8 FUEL TESTED
13. AD79-20-10 SPAR INSPECTED
14. AD83-10-1 CLEANED AND
INSPECTED FUEL
15. AD94-13-10 STAB RIVETS
INSPECTED

Description of Inspections, Tests, Repairs and Alterations

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

DATE

19__

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

9-10-03

4128

WELD CRACK IN PITOT TUBE MAST.

WMA FA 2104 JTS

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow Florida 33830
863.533.1870 FAA VF4R594M

DATE: 5/12/2004 TACH: 4202
N88WW AIRFRAME WO A542

1. ANNUAL INSPECTION COMPLETED
2. TESTED ELT I/A/W FAR91.207(d) REPLACED BATTERY DUE 6-06
3. CLEAN AND PAINT BATTERY BOX
4. REPLACED BOTH VACUUM RELIEF FILTERS
5. REPAIRED SMALL CRACKS TOP RIGHT WING SKIN
6. CLEANED GEAR UP LIGHT SOCKET
7. LUBED LEFT AND RIGHT COWL FLAP ASSY.
8. REPLACED ELEV. TRIM CABLE AND RESET TENSION
9. ✓ AD74-16-8 C/W BY INSPECTION
10. ✓ AD77-13-21 C/W BY REPLACING CORDS
11. ✓ AD79-12-8 C/W BY TESTING
12. ✓ AD79-20-10 C/W BY INSPECTION
13. ✓ AD83-10-1 C/W BY CLEANING AND TESTING
14. ✓ AD94-13-10 C/W BY INSPECTION
15. ✓ AD97-1-1 C/W BY DYE CHECKING BOTH MAIN PINS
16. ✓ AD96-20-7 C/W BY PDT TESTING
17. CLEANED MICRO SWITCH RIGHT MAIN FUEL GAUGE
18. REPLACED O RINGS LEFT AND RIGHT BRAKE CYLS.
19. INSTALLED NEW BRAKE DISC RIGHT MAIN
20. REPLACED LEFT BRAKE LININGS
21. REPLACED 2 RIVETS RIGHT EXHAUST DEFLECTOR
22. RESEAL PILOT RIGHT BRAKE MASTER CYL. FITTINGS
23. INSTALLED NEW RG35AXC BATTERY

of Inspections, Tests, Repairs and Alterations
e endorsed with Name, Rating and Certificate Number of
Repair Facility. (See back pages for other specific entries.)

Date 5-12-04

AIRCRAFT ENGINEERING INC.

Bartow Airport
813 / 533-1870

Repair Station FAA Approved VF4R594M

TAC 4202 Total Time 4202
I certify that this AIRCRAFT has
been inspected in accordance with an
ANNUAL inspection and has been
determined to be in airworthy condition.
AD's thru Card 2004-9
AD list back of log book.
For details work order # A542

Bill Turley Signature Inspector
Rating

TIME

FLIGHT

TIME IN
SERVICE

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

6/15/05

I certify that the altimeter, static system and altitude reporting test required by F.A.R. 91.411 and F.A.R. 43 Appendix E and F have been performed.

The altimeter has been tested to 20000 ft.

Signature

Date:

Certificate #

UM42575M
MAC AVIONICS, INC.
3470 DRANEFIELD RD.
LAKELAND, FL 33811

(863) 646-8790

N88WW

6/15/05

The transponder identified below was tested according to F.A.R. 91.413 and is approved for return to service:

MFR

MODEL

S.N.

Date

Tech

Cert#

NARCO AT-150 44362
6/15/05 [Signature] UM42575M
MAC AVIONICS, INC.
3470 DRANEFIELD RD.
LAKELAND, FL 33811

(863) 646-8790

N88WW

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations	Number of fic entries.)
19				Entries must be e Technician or Rep	

Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow Florida 33830
863.533.1870 FAA VF4R594M

DATE 12/21/2005 TACH: 176
N88WW AIRFRAME WO# A 12535

- 1 AD 83-10-1 C/W BY CLEANING SUMPS
- 2 REPLACED NEW LEFT LANDING LITE

THE AIRCRAFT, ENGINE(S), OR COMPONENT ABOVE WAS
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
FAA REGULATIONS AND IS APPROVED FOR RETURN TO
SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE
AT THIS REPAIR STATION UNDER WORK ORDER NUMBER

412535 DATE: 12-21-05
SIGNED: [Signature] FOR AIRCRAFT
ENGINEERING, INC. #VF4R594M BARTOW AIRPORT, BARTOW,
FLORIDA 33830

CUSTOM AVIONICS

418-S Bartow Airport - Bartow, FL 33830
FAA Repair Station No. TK4R547M

Aircraft Make : Piper
Model : PA-39
Serial No. : 39-125
Reg. No. : N88WW

Equipment:

Reported Problem/Service Requested:
1) Install trim switch. 2) Install trim on/off
switch.

Preliminary Inspection Condition: Good.

Hidden Damage: None.

Problem Found/Work Performed:
1) Remove old trim switch install new style
trim switch with adapter mounting. 2)
Installed trim on/off switch.

3/9/06

Gary DeMartino

Gary A. DeMartino

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19 _____			
	202		4413

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 Engineering, Inc.

Bldg. 434 Bartow Airport
 Bartow Florida 33830
 863.533.1870 FAA VF4R594M

DATE 8/1/2006 TACH: L-206 R-72
 N88WW AIRFRAME WO# A 7624

- 1 ANNUAL INSPECTION COMPLETE
- 2 ELT TEST I/A/W FAR91.207(d) NEW BATT DUE 7/08
- 3 CLEAN & PAINT BATTERY BOX
- 4 AD 74-16-08 AFT BULKHEAD. C/W BY INSPECTION
- 5 AD 77-13-21 CORDS. C/W BY INSTALL 2 NEW CORDS
- 6 AD 79-12-08 FUEL TEST. C/W BY TESTING
- 7 AD 79-20-10 AILERON BULK. C/W BY INSPECTION
- 8 AD 83-10-01 FUEL CLEAN. C/W BY INSPECTION
- 9 AD 04-25-16 REG TEST. C/W BY TESTING
- 10 AD 94-13-10 STAB RIVETS. C/W BY INSPECTION
- 11 AD 04-21-05 HEATER PSI. C/W BY TESTING
- 12 SB 1160 STABILATOR BOLT. C/W BY INSPECTION
- 13 INSTALL NEW LEFT AUX FUEL CAP
- 14 INSTALL NEW LEFT WHEEL CYL O RING & BLEED
- 15 INSTALL NEW HEATER HOSE

Date

8/1/06

AIRCRAFT ENGINEERING INC.

Bartow Airport

813/533-1870

Repair Station FAA Approved VF4R594M

TAC 202

Total Time 4413

I certify that this AIRCRAFT has
 been inspected in accordance with an
ANNUAL inspection and has been
 determined to be in airworthy condition.

AD's thru Card 2006-13

AD list back of log book.

For details work order # A 7624

Bill Turley Signature

Inspector

Rating

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.)
--------------	---------------------------	------------------	-----------------------------	---

6/9/07 LEFT TACH @ 257 TOTAL TIME: 44/65 FANSTAN NEW
23800-11 #3 EXHAUST STACK - LEFT ENGINE.
W. K. P. AEP 2109238 JA.

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.)

Date: 7/13/2007; Aircraft: N88WW; Type: PA-39

Installed pitch system according to STC SA5138SW-D. Mounted control head in radio stack. Wired to Century II A/P. Replaced altimeter. Repaired Fuel flow indicator.

Performed Transponder, altimeter and encoder test.

I certify that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411, 91.413 and 91.217 have been performed and found to be within the limits of FAR43 appendices E and F and AC43.6b.

Tested to 18 Kft.

Altimeter #1 Model 5934P-1 s/n N5070

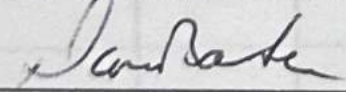
Transponder #1 Model AT150 s/n 44362

Encoder #1 Model AK-350 s/n 50175

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Name: Dave Backes Cert. Number: 2373093 R&I

Sign:  Date: 07/13/2007

For CRS # BDKR393C STC Aviation Inc. 1544 45th Ave SE St. Cloud MN 56304

DATE: 9/15/07
TOTAL TIME: 4490

LT. TACH ~~279~~ 279

Inspections, Tests, Repairs and Alterations
Inspected with Name, Rating and Certificate Number of
Facility. (See back pages for other specific entries.)

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
ACCORDANCE WITH AN ANNUAL INSPECTION AND IS
DETERMINED TO BE IN AIRWORTHY CONDITION AND
APPROVED FOR RETURN TO SERVICE, W.O. # 5727

SIGNED

William R. Kyle CHIEF INSPECTOR

FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA
FAA APPROVED REPAIR STATION #CQVR964C

9/15/07 Left Tach 279 Total Time: 4490. Lubricate aircraft as per chart. Clean and repack all wheel bearings. Remove, dycheck, and repaint nose wheel. Reline all brakes. Install new lower left brake back plate. Perform landing gear retraction test-all functions including emergency-OK. Dress and lubricate both propellers. Install Webco Door Latch Kit WDL 1 per STC SA2550CE. File Form 337. Install new bottom door hinge. Install left main tank sender as overhauled by AirParts of Lock Haven. Repair right alternate air box by installing new brackets and bellcrank. Repair left alternate air box by tightening hardware. C/W FAR 91.207(d) inspection of ELT system-OK- next inspection due at next Annual. Battery replacement 7/08. C/W AD 2004-25-01, amndt 39-14076 by inspection of fuel regulator/shutoff valve -OK. C/W AD 74-16-08, amndt. 39-1912 by insp. of aft bulkhead assy-no cracks noted. C/W AD's 77-08-01, amndt. 39-2871 and 79-20-10, amndt. 39-3579 by removal and inspection of aileron nose ribs and spars for cracks-none noted. C/W AD 94-13-10, amndt. 39-8951 by insp. of stabilator torque tube bearing support fittings-OK. Reinspections of the aforementioned AD's due at 379 left Tach, 4590 Total Time. C/W AD 77-13-21, amndt. 39-2946 by inspection of cords per par(b)-OK. Next insp. due in 100hr. Next cord replacement due by 08/09 or 4913 Total Time, whichever occurs first. Next insp. per Par. (a) due @4695 Total Time. C/W AD's 79-12-08, amndt. 39-3943 and 83-10-01, amndt. 39-4649 by inspection of fuel selectors for inter-port leakage and drain and clean gascolators and check for corrosion-none found. Next insp. per both these AD's due at 329 Left Tach, 4540 Total Time. Install new vacuum regulator and central vacuum filters. Install new engine air filter elements. Install new lamp in tail nav. light.

William R. Kyle
Inspector for Charles City Aeronautics, Inc., Charles City, Iowa, FAA Approved Repair Station #CQVR964C

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.)

Date: 5/12/2008; Aircraft: N88WW; Type: PA-39
 Upgraded GNS430 to WAAS and replaced GPS antenna with GA35 and IFR
 Certified GPS for precision approaches.

MAINTENANCE RELEASE

The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Name: Dave Backes Cert. Number: 2373093 R&I

Sign: *[Signature]* Date: 05/12/2008

For CRS # BDKR393C STC Aviation Inc. 1544 45th Ave SE St. Cloud MN 56304

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 _____				

Date: 5/1/2009

Aircraft # N88WW

Serial # 39-125

Tach: Left 307.5

Total Time: 4518.5

SMOH: L 427.5 r 1324.3

Comments:

1. CW Annual inspection IAW FAR 43 Appendix d and piper PA 39 Service Manual
2. CW ELT Inspection IAW FAR 91.207(d) Replaced Battery new due date is 7/2011
3. Repaired Ground Wire for Right nav Light
4. Replaced Ammeter with Serviceable used Unit
5. CW AD 74-16-08 IAW Piper SL 679 Next Due at 4618 TTAF or Next Annual
6. AD 77-08-01 PCW by installation of kit 760-914 IAW Para. (b)
7. CW AD 77-13-21 Replaced bungees Para(a) due at TTAF4695 and Para(b) due at TTAF5018 or 4/2011

Prepared By: _____

Certification # Continued

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.)

Date: 5/1/2009

Aircraft # N88WW

Serial # 39-125

Tach: Left 307.5

Total Time: 4518.5

SMOH: L 427.5 r 1324.3

Comments:

- ✓ 8. CW AD 79-12-08 IAW Piper SL 851 Part a. Next Due at TTAF4568
- ✓ 9. CW AD 79-20-10 IAW SL 850 next due at 4618 TTAF
- ✓ 10. CW AD 83-10-01 IAW Para. (a)(1)(2)a. b.(d) Next due TTAF 4568
- ✓ 11. CW AD 94-13-10 IAW SB 411A Next Due at TTAF 4618
- ✓ 12. AD 97-01-01 PCW Next Due at TTAF 5202
- ✓ 13. CW AD 99-14-01 by inserting i AFM
- ✓ 14. CW AD 2004-21-05 by PDT on heater IAW Janitrol Service Manual, Next Due at 4618 or 5/2011

Prepared By: _____

Certification # Continued

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				

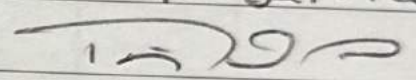
Date: 5/1/2009	Aircraft # N88WW	Serial # 39-125
Tach: Left 307.5	Total Time: 4518.5	SMOH: L 427.5 r 1324.3

Comments:

15. CW AD 2004-25-16 IAW Para. (e)(1)(2) next due at 4618 or 5/2010
16. I Certify that this aircraft has been inspected IAW an annual inspection and was found to be in airworthy condition.

Prepared By: Timothy Ward

Certification # AP 2740971 IA

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.)
8/19/09	Left 329.4	TTAF	4540.9	Removed & Replaced Left Aux Fuel Pump With new P/N C8100-J S/N 14600. Leak and op check WAS Good. All work Accomplished IAW Twin Comanche Service Manual. Aircraft Is Returned to Service. <div style="text-align: right;">  AP 2740971 IA </div>
5/7/10	LEFT 334.0			Renewed airspeed for overhaul, 600' / new leak. Overhauled by Century Instruments work order # 136769. See following for certification.

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

I certify that the altimeter, static system, transponder and altitude reporter test required by FARs 91.411 & 91.413 have been performed and found to be within the limits of FAR43 Appendixes E & F.

Aircraft tested to 20,000 ft.

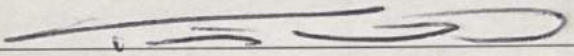
N# 88000
Tach/Hobbs time: 334.0

Altimeter Model #1 CE 5934P-1 S/N N 5070 Model #2 S/N
Transponder Model #1 NADCO AT150 S/N 44362 Model #2 S/N
Altitude Reporter #1 AK-350 S/N 50175 Model #2 S/N

Signed Thomas Bunn Date 5/7/10 Mode S test complied per Far43 Appendix F: N/A

Top Flight Avionics, LLC
CRS # T53R1530

4/18/10	339.1	TRAM	4550.1	CW AD 74-16-08 IAW SLL 79, CW AD 79-12-08 IAW Rprers L 851 part A, CW AD 83-10-01 IAW Para. (A)(1)(2) 2. b or AD Body CW AD 04-25-16 R1 IAW Para (a)(1)(2) Replace Main Ship Battery with new Condord RG 35AAC, Adjusted GEAR UP Switch, CW ELT INSP IAW FAR 91.207(d)
---------	-------	------	--------	--

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				
				Replace outbd BRAKE PADS on left BRAKE + ind Pds on Right
				I certify this Aircraft has been inspected IAW An Annual Insp and was determined to be in Airworthy condition.
				 AP 2740971 IA

07/01/11

N88WW

PA-39

Aircraft Logbook

W.O. 1069-3028 Left Tach: 370.5 Hobbs:1252.1 TTAF:4581.5

Completed annual inspection in accordance with manufacturers inspection procedures manual.

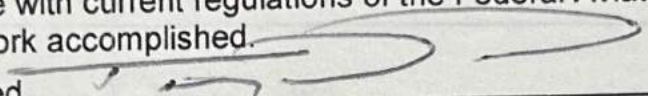
1. CW ELT inspection IAW FAR 91.207(d) New Battery installed, new date is 9/2013
- ✓ 2. CW AD 74-16-08 IAW SL 679. No defects noted. Next due 4681.5
- ✓ 3. CW AD 78-12-08 Part B IAW SL 851. No fuel drained out Next due in 4631.5
- ✓ 4. CW AD 79-20-10 IAW SL 850 Next due 4681.5
- ✓ 5. CW AD 83-10-01 IAW SL 589 next due 4631.5
- ✓ 6. CW AD 94-13-10 IAW SB 411A next due 4681.5 or next Annual
- ✓ 7. CW AD 2004-21-05 IAW Janitrol Manual Chapter 3.3.1-3.3.11. Pressure held at 1.5 psig Next due 4681.5 or 6/2013
- ✓ 8. CW AD 04-25-16 R1 IAW Visual inspection IAW SB A-107A. No leaks noted Next Due 4681.5 or annual

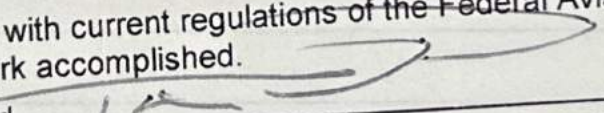
I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed

Timothy Ward A&P 2740971 IA

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.)
------	---------------------------	------------------	-----------------------------	---

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
10/25/10		N88WW		<p>PA-39 Aircraft Logbook</p> <p>Left Tach 358.0 Hobbs 1238.4 W.O. 1062</p> <p>Replaced Right Main Tire and tube with New 6.00X6 Air trac 6 py tire and Tube and serviced to 42 PSI IAW Twin Comanche Service Manual Chapter 7 Paragraphs 7-59-7-61</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed </p> <p>Timothy Ward A&P 2740971 IA</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
05/20/11		N88WW		<p>PA-39 Aircraft Logbook</p> <p>Left Tach 368.9 Hobbs 1250.3</p> <p>Replaced Left Main Tire and tube with new 6.00X Airtrac tire and tube, serviced to 42 PSI IAW Twin Comanche service Manul Para. 7-59 - 7-61</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed </p> <p>Timothy Ward A&P 2740971 IA</p>

DATE: 06/01/2013 LT. TACH 471
TOTAL TIME: 4682

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN
ACCORDANCE WITH AN ANNUAL INSPECTION AND IS
DETERMINED TO BE IN AIRWORTHY CONDITION AND
APPROVED FOR RETURN TO SERVICE, W.O. # 6450

SIGNED W. Kyle CHIEF INSP.

FOR CHARLES CITY AERONAUTICS, CHARLES CITY, IA
FAA APPROVED REPAIR STATION #CQVR964C

Inspections, Tests, Repairs and Alterations
ed with Name, Rating and Certificate Number of
facility. (See back pages for other specific entries.)

06/01/2013 Left Tach: 471 Total Time: 4682 Lubricate aircraft as per chart. C/W AD 79-20-10, amndt. 39-3579 and 77-08-01, amndt 39-2871 by removing both ailerons and inspection per both AD's. Next inspection per both AD's due at 571 Left Tach, 4782 Total. C/W AD 94-23-10, amndt. 39-8951 by inspection of stabilator torque tube bearing support fittings-OK-next insp. due at 571 LT. Tach, 4782 Total. C/W AD 2004-21-05, amndt. 39-8851 by performing heater 100-hr. to include decay test and test of combustion air pressure switch-OK Next inspection per this AD due at 671 Left Tach, 4882 Total, or by 06/2015, whichever occurs first. C/W AD 2004-25-16R1, amndt. 39-14076 by inspection heater fuel regulator/shutoff valve-OK-next inspection due at 571 Left Tach, 4782 Total Time. C/W AD 77-13-21, amndt. 39-3093 par(a) and (b) by inspection of landing gear and replacement of bungee cords. Perform landing gear retraction test-OK-next insp. per par (a) due at 5682 Total Time, next insp. per par (b) due at 971 Left Tach, 5182 Total Time, or by 06/2014, whichever occurs first. Cord replacement due by 5182 Total Time, or by 06/2016, whichever occurs first. C/W AD 74-16-08, amndt. 39-1912 by insp. of bulkhead assy. for cracks-OK-next insp. due at 571 Lt. Tach, 4782 Total Time. C/W AD 79-12-08, amndt. 39-3493 on fuel valves and AD 83-10-01, amndt. 39-4649 on fuel strainers-OK. Next insp. per both AD's due at 521 Left Tach, 5732 Total Time. Change vacuum regulator and engine air filters. C/W FAR 91.207(d) inspection of ELT-OK- next insp. per this FAR due at next Annual-ELT battery change date 09/2013. Install missing flight manual supplement and instructions for continuing airworthiness for GPS WAAS installation. Install battery in clock. Service ship's battery and clean battery box. Adjust right inboard fuel indicating switch so the gauge reads correctly. Perform routine aircraft maintenance per checklist.

W. Kyle
William R. Kyle, Chief Inspector for Charles City Aeronautics, Inc., Charles City, Iowa FAA Approved Repair Station #CQVR964C

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 2013				
6-11-13				Charged Rt main fire with new Bryant & Stratton Abp 321063100
9-20-13	L R 490/353	10665 1372-6		Remove both propellers from aircraft & Replaced left with Hartzell model HC-E2YL-2B5F/FJ663-6Q and Rt ENGINE model HC-E2YL-2B15F/FJ663-6Q as per STC SASS76L. Made 337 and adjusted weight balance. Both Alternator Brackets were cracked so replaced on both engines, replaced starter on Rt engine and replaced Alternator of left engine. ground check of all systems for function and leaks. Bryant & Stratton Abp 32106311A
26 Nov 13				Replaced EIT Battery EXP NOV 2014 tested as per FAR 91.207 Bryant & Stratton Abp 321063101

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 _____				

N88WW

Hobbs: 1419.5

ACTT: 4748.9



Aircraft Log

Cascade Aircraft Management Inc.

Avionics

08/14/2014

PA-39

s/n 39-125

Installed following items: GDL88D P/N 011-0237-00 S/N 22V001081, GTX33 P/N 011-00779-30 S/N 89127264 mod 2, Aspen ACU P/N 910-00004-001 S/N 14009, GTN750 P/N 011-02282-00 S/N 12A013923 Mod 4, EDF500 P/N 910-00001-003 Mod C S/N 2897, EDF1000 P/N 910-00001-001 Mod F S/N 13747, ADS-B Top Antennae P/N CI105 S/N 67176, ADS-B bottom P/N CI105 S/N 67175, GPS(GA35) P/N 013-00235-00 S/N 102516, RSM P/N 910-00003-001 S/N 15514, Autopilot Interface Unit P/N AIU-900A S/N 70814. All work performed IAW Aspen document # A-01-126-00 Rev. C, Garmin 750 installation manual 190-01007-A3, Garmin installation manual 190-01310-00 and Garmin installation manual 190-00734-10. Removed Turn Coordinator P/N 1394T100 S/N 341091, Rate Of Climb, VOR/LOC/GS indicator P/N 066-3034-04 S/N 10364, Directional Gyro, Altitude Encoder P/N AK-350 S/N 50175, Apollo SL-40 Comm P/N 430-6040-202 S/N 6021358, Narco AT150 xpndr P/N AT150 S/N 44362, KNS 80 comm/nav P/N 066-4008-00 S/N 2469. Pertinent details can be found in W.O 423 SQ. 1-4. Aircraft OK for return to service.

Brian Lubinsky

3559189

A+p

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.)
----------------	---------------------------	------------------	-----------------------------	---

N88WW

Hobbs: 1419.5

ACTT: 4748.9



Aircraft Log

08/16/2014

PA39

s/n 39-125

Cascade Aircraft Management Inc.

Maintenance performed during Annual inspection: timed L/H engine magnetos, Replaced broken L/H engine overhauled Altinator P/N ALX-8521, S/N H-O040526,, Replaced Emer. gear bungee cords ,Replaced L/H main tire, brake disc, and brake puck o-rings, **repaired all four fuel senders**, Replaced cabin door seals, , replaced flap anti-shafe tape, replaced several missing grease zirks, C/W oil change on both engines, no defects noted in filters. All maintenance performed using Piper Twin Comanche Service Manual, Table III-I Inspection report as a guide. I certify that this aircraft has been inspected and is ok for return to service.

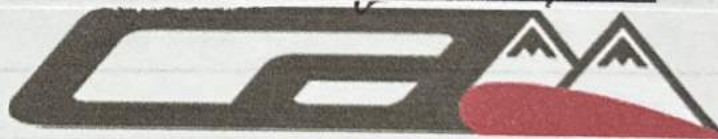
Brian Lubinsky

3559189

N88WW

Hobbs: 1419.5

ETT: 4738.9



(L)Engine Log

8/16/2014

IO-320-B1A

s/n L-4729-55A

Cascade Aircraft Management Inc.

3901 Aviation Way Caldwell, Idaho 83605 (208) 649-5106

Inspected in accordance with an annual inspection using Piper Twin Comanche Service Manual, Table III-I Inspection Report as a guide. AD's researched through bi-weekly 2014-16. I certify that this engine has been inspected an accordance with and annual inspection and was determined to be in airworthy condition.

Matthew Brannon

2819884 A&P IA

SA

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.)
------------------	---------------------------	------------------	-----------------------------	---

N88WW

Hobbs: 1419.5

Prop TT: 40.9



(L) Propeller Log

8/16/2014

HC-E2YL-2BSF

s/n BG5291B

Cascade Aircraft Management Inc.

3901 Aviation Way Caldwell, Idaho 83605 (208) 649-5106

Inspected in accordance with an annual inspection using Piper Twin Comanche Service Manual, Table III-I Inspection Report as a guide. AD's researched through bi-weekly 2014-16. I certify that this propeller has been inspected an accordance with and annual inspection and was determined to be in airworthy condition.

Matthew Brannon

2819884 A&P IA

N88WW

Hobbs: 1419.5

Prop TT: 40.9



(R) Propeller Log

8/16/2014

HC-E2YL-2BLSF

s/n BG5209B


Cascade Aircraft Management Inc.


3901 Aviation Way Caldwell, Idaho 83605 (208) 649-5106

Inspected in accordance with an annual inspection using Piper Twin Comanche Service Manual, Table III-I Inspection Report as a guide. AD's researched through bi-weekly 2014-16. I certify that this propeller has been inspected an accordance with and annual inspection and was determined to be in airworthy condition.

Matthew Brannon

2819884 A&P IA

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				<div style="display: flex; justify-content: space-between;"> <div> <p>N88WW</p> <p>Hobbs: 1419.5</p> <p>ACTT: 4748.9</p> </div> <div style="text-align: center;">  <p>Maintenance Log</p> <p>Cascade Aircraft Management Inc.</p> <p>3901 Aviation Way Caldwell, Idaho 83605 (208) 649-5106</p> <p>Overhauled pilots right side master cylinder with new orings, reinstalled cylinder, bleed brakes. Ops check ok. Complied with service bulletin 1466 Rev. B update GTN 750 main software to version 5.13. Complied with service bulletin 1441 Rev. B for GDL88 system software to version 3.00. Ops checked good at this time. All work complied with IAW Service bulletins and Piper Twin Comanche section 3 maintenance manual. All pertinent details can be found in work order BS-0576. Aircraft ok for return to service with respect to work performed.</p> </div> <div> <p>1/16/2015</p> <p>PA-39</p> <p>s/n 39-125</p> </div> </div> <div style="text-align: right; margin-top: 20px;"> <p>Brian Lubinsky <u>Brian Lubinsky</u> 3559189 A&P</p> </div>
				<div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p>I certify the <u>altimeter</u> or air data computer (circle one), static system & data correspondence tests required by 14 CFR 91.411 have been performed and were found to comply with the requirements of 14 CFR Part 43, Appendix E.</p> <p>System tested to <u>70,000</u> Feet</p> <p>Date Tested <u>1/23/16</u> Work Order No: <u>DS-095</u></p> <p>Signature <u>Simon Muth</u> Cert No.: <u>3856153</u></p> <p>Cascade Aircraft Management, FAA CRS # 5C2R7150</p> </div>

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.)
			N88WW	02/15/2018
			Hobbs: 1419.5	PA-39
			ACTT: 4780.1	s/n 39-125
				
			Aircraft Log	
			Cascade Aircraft Management Inc.	
			3901 Aviation Way Caldwell, Idaho 83605 (208) 649-5106	
			<p>Inspected in accordance with an annual inspection using Piper Twin Comanche Service Manual, Table III-I Inspection Report as a guide. . ELT inspected in accordance with FAR 91.207(d) exp. 01/2020. AD's researched through bi-weekly 2017-12. C/W AD 94-13-10 Looseness of the stabilator torque tube bearing support fittings, C/W AD 83-10-01 fuel strainer due in 100 hours. C/W AD 79-20-10 IAW SL 850 Aileron R & R next due in 100 hours. C/W AD 79-12-08 SL 851 part B, No fuel drained. Due in 100 hours. C/W AD 74-16-08 IAW SL679, no defects noted. Due insp in 100 hours. Additional non airworthy discrepancies supplied to customer. I certify that this aircraft has been inspected an accordance with and annual inspection and was determined to be in airworthy condition.</p>	
			Brian Lubinsky	3559189 A&P IA
			<p>→ JANITOR FUEL REGULATOR - NEEDS REPLACED JANITOR HEATER DUE TO LACK OF TEST KIT FOR PRESSURE DECAY TEST. SYSTEM BLOCKED, REGULATOR REMOVED & SYSTEM PLACED INOPERATIVE</p>	

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.)
----------------	---------------------------	------------------	-----------------------------	---

Installed Micro Vortex Generators per
STC #SA00763SE. Refer to Form 337
this date: 3-11-2018 Hobbs 1421.5

Talley AJP3061788 IA

MICRO AERODYNAMICS

3/15/18 1421.50 HOBBS

INSTALLED SCS INTERIORS CREW FLOOR MAT CARPET SET
WITH EMBROIDERED NH & NOELPADS USING SCS INTERIORS
INSTALLATION MANUAL INSTRUCTIONS & HOOK/LOOP FASTENERS
JOHN DAVIS - OWNER

4/15/18 1427.8 HOBBS

INSTALLED SCS INTERIORS FLIGHT FLOOR CLASSIC GREY
VINYL ROOFING IN REAR OF AIRCRAFT. INSTALLED IN ACCORDANCE
WITH SCS INSTALLATION INSTRUCTIONS - JOHN DAVIS - OWNER

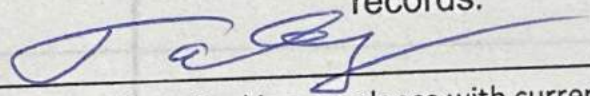
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				

Aircraft Log Entry

N88WW Hobbs 1421.5 March 15, 2018.

Installed Rosen Sunvisors P/N R1210002-01AW STC SA5983NM and Rosen Installation Instructions & Drawing Number RCOM00DL. Weight & Balance deemed negligible. For ICA Refer to Rosen ICA's included in aircraft records.

Todd Lindley



A&P3061788

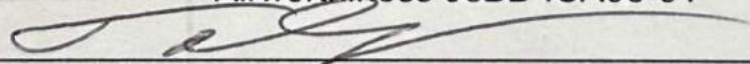
The aircraft identified above was inspected and repaired in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed

Aircraft Log Entry

N88WW Hobbs 1442.3 March 15, 2018.

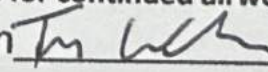
Replaced R/H engine isolators with 4 new Barry 94011-03 isolators. Replaced R/H engine rocker cover gaskets. Installed a Bogert Aviation Battery Box, Battery Box Cover & Copper cables IAW STC SA1582SE & SA3531NM. FAA Form 337 completed. Aircraft records updated. For ICA's refer to Bogert Aviation Instructions for Continued Airworthiness 06BB-ICA06-01

Todd Lindley



A&P3061788

The aircraft identified above was inspected and repaired in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed

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.)
				<p>10-11-2018 AFTT: 4865, / L Engine Tach: 636.8 R Engine Tach: 496.2 Installed Electronics International CGR-30P engine monitor system.</p> <ol style="list-style-type: none"> 1. Removed right engine mechanical tachometer at Tach time: 496.2 2. Removed left engine mechanical tachometer at Tach time: 636.8 3. Removed both engine Tanis heat systems. 4. Removed right side stock gauge cluster- Oil temp, Oil pressure and CHT. 5. Removed dual fuel pressure gauge. <p>Installed:</p> <ol style="list-style-type: none"> 1. Right side CGR-30 display S/N 203206 and EDC P/N EDC-33P-4/6 S/N 203208 2. Left side CGR-30 display S/N 203205 and EDC P/N EDC-33P-4/6 S/N 203207 3. USB-6A smart charger Model: USB-6A S/N 203209 <p>*Both CGR30P displays maintenance code: 00200 *Both CGR30P displays programmed with the same tach time as the removed tachometers. *Completed weight and balance adjustment. *Completed ground run up and leak checks.</p> <p>Installed both CGR30P engine monitor systems and associated wiring and plumbing I.A.W. Electronics international STC SA02283SE and EI installation instructions 02151301. See EI document 06211301 (current revision) for instructions for continued airworthiness. See FAA form 337 for details.</p> <p>Tim Wilson  AP2751361IA</p>

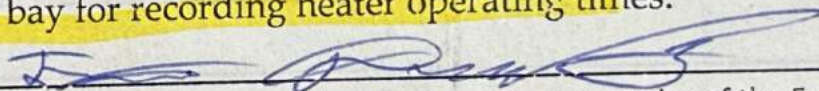
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</p>

Aircraft Log Entry

N88WW Hobbs 1521.5 January 19, 2109

Installed a J. W. Miller Aviation Nose Taxi Light IAW STC SA1341SW and J. W. Miller Aviation installation instructions Drawing 3400. Installed a Knots 2U HID Light Assembly Kit to L/H & R/H wings IAW STC SA1834CH & Knots 2U Installation instructions. FAA Form 337 completed & filed. ICA's included in aircraft records. Weight & Balance Revised. Installed a Knots 2U replacement glareshield P/N APS PG004. C/W AD 04-25-16R1 (Fuel Regulator Shutoff Valve) by Installing a new Hartzell Engine Technologies P/N 23D04-7.5 Fuel Pressure Regulator to heater system. C/W AD04-21-05 (Combustion Tube & Air Pressure Switch) by completing a Heater Combustion Tube Pressure Decay Test. Operational & Leak check OK. Hour meter installed in nose equipment bay for recording heater operating times.

S. P. Aircraft Trevor Davidson



A&P 3606080IA

The aircraft identified above was inspected and repaired in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed

DA

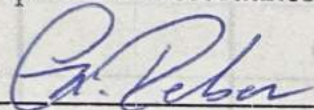
19

Aircraft Log Entry

N88WW Tach 1523.0 ACTT 4883.6 April 1, 2019

Completed an ANNUAL Inspection this date IAW Piper Twin Comanche Service Manual Inspection Guide for 50, 100, 200 hr inspections as required. Checked A.D. Notes thru Issue 2019-06. C/W A.D. 74-16-08(Aft Bulkhead Assy) by inspection. C/W A.D. 77-13-21(Landing Gear Bungee Replacement) by installing new bungee cords. C/W A.D. 79-12-08(Fuel Selector Valve) by inspection. C/W A.D. 79-20-10(Aileron Nose Rib) by inspection. C/W A.D. 83-10-11(Fuel System Insp) IAW AD text. C/W A.D. 94-13-10(Stabilator Insp) by inspection. C/W A.D. 15-24-05(AFM Update) by inserting revision in POH. Placards previously installed. Checked ELT I.A.W. FAR 91.207(d). Replaced instrument air filter with a new RAD9-18-1 filter. Capped, stowed & secured unused wiring under instrument panel. Serviced tires, battery, and brake cylinders. Lubed aircraft as required. I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition for return to service at this time.

Chris Reber



A&P 3064194IA

The aircraft identified above was inspected and repaired in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed

4-14-19

ACTT

4883.60

REPLACED RIGHT MAIN TANK GAS CAP WITH
NON VULCANIZING AERO FABRIKATORS INC PART
E-333-200 P/N 05-08079 ACFT SPARE
JOHN DAVIS - OWNER -

DATE

19

MAKE: JETSTREAM
 MODEL: JETSTREAM
 S/N: JETSTREAM
 REG. NO: N88WW
 WORK ORDER:
 0954-08-2019

JETSTREAM

Jetstream Aviation

4700 W Aeronca St.
 Boise, ID 83705
 Phone: 208-345-3730

DATE: 8/21/2019
 A/C TSN: 4933.1
 HOBBS: 1572.5

ations

der of
 entries.)

Airframe Entries

Complied with AD 83-10-01 part (A). No contamination noted. Next due 1632.5 Hobbs... Complied with AD 79-12-08 PART A. No leakage noted. Next due 1622.5 Hobbs

Performed operational checks on the components and/or aircraft identified above and no defects were noted.

Maintenance Release

The aircraft and/or component(s) identified above on N88WW was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be Airworthy with respect to the work performed, subsequently approved for return to service.

DATE: 8/21/2019

SIGNED:

Kevin Laddusaw, A&P: A&P2823302

Work Order: 0954-08-2019

Printed by EBis 3 (datcomedia.com)

S P Aircraft		4888 W. Aeronca St. Boise ID 83705		AIRFRAME		
				LOGBOOK INSERT		
Date: AUG/26/2020	Registration: N88WW	Make: Piper	Model: PA-39	Serial #: 39-125		
Hobbs Reading: 1725.5						
Removed and disassembled left main wheel and tire assembly. Reassembled wheel with new tube P/N: GL-6020B and tire P/N: 606C61B1 per Cleveland wheel CMM. Reinstalled wheel and serviced tire to 42 psi per Piper Manual 753-645 section 2.						
MAINTENANCE RELEASE: The Aircraft identified above was repaired and/or inspected in accordance with current regulations of the FAA and is approved for return to service with respect to the work performed.						
Robert Tuttle Jr.		A&P 3502257 IA				
-----END-----				Page 1 of 1		

D/

19

MAKE:
MODEL:
S/N:
REG. NO: N88WW
WORK ORDER:
0961-09-2019

JETSTREAM**Jetstream Aviation**

4700 W Aeronca St.
Boise, ID 83705
Phone: 208-345-3730

DATE: 9/20/2019

A/C TSN: 4955.7

HOBBS: 1595.1

Iterations

Number of
specific entries.)

Airframe Entries

Removed vertical fin and rudder in ref to AMM 4-27 & 4-30. Spliced vertical stabilizer skin P/N 23446-03 between W.L. 58 to top of fin. Splice fabricated from 20024-T3 .020". Utilized existing rivet holes on fwd and aft spars, & rib P/N 23444-00. Added repair splice rivets below rib P/N 23444-00. Splice repair in ref to Piper AMM section 4-44 and AC 43-13.1B sections 4-57 & 4-58. Painted area to match. Weight and balance negligible. Installed Vertical fin and rudder in ref to AMM 4-28 & 4-31. Verified rudder rigging in ref to AMM 5-37... adjusted left engine cylinder 4 temp probe connections... Adjusted left engine oil temp probe connections... Adjusted right engine oil temp probe connections... Adjusted Aspen EFD1000 Roll Offset per Aspen attitude offset in ref to Aspen ICA A-01-126-00 RevC... Replaced battery with Concorde RG-35AXC.... Adjusted left CGR-30P engine monitor tach time to reflect current engine TSMO 836.7 hrs. Ref CGR-30P Installation manual II 02151301... Adjusted right CGR-30P engine monitor tach time to reflect current engine TSMO 1723.0 hrs. Ref CGR-30P Installation manual II 02151301

Performed operational checks on the components and/or aircraft identified above and no defects were noted.

Maintenance Release

The aircraft and/or component(s) identified above on N88WW was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be Airworthy with respect to the work performed, subsequently approved for return to service.

DATE: 9/20/2019

SIGNED:

Kevin Laddusaw, A&P: A&P2823302

Work Order: 0961-09-2019

Printed by EBis 3 (datcomedia.com)

DATE

19

MAKE:
MODEL:
S/N:
REG. NO: N88WW
WORK ORDER:
0975-10-2019

JETSTREAM

Jetstream Aviation

4700 W Aeronca St.
Boise, ID 83705
Phone: 208-345-3730

DATE: 10/31/2019
A/C TSN: 4976.8
HOBBS: 1616.2

Airframe Entries

REMOVED LEFT AND RIGHT WINGTIP POSITION AND STROBE LIGHTS. REMOVED STROBE LIGHT POWER SUPPLY.
INSTALLED WHELEN ORION 650 WINGTIP POSITION/ANTI-COLLISION LIGHT ON LEFT AND RIGHT WINGTIPS PER STC
SA800EA AND WHELEN AEROSPACE TECHNOLOGIES INSTALLATION GUIDE / ICA FOR MODELS OR6501G & OR6501R.
CALCULATED NEW WEIGHT AND BALANCE

Performed operational checks on the components and/or aircraft identified above and no defects were noted.

Maintenance Release

The aircraft and/or component(s) identified above on N88WW was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be Airworthy with respect to the work performed, subsequently approved for return to service.

DATE: 10/31/2019

SIGNED:

Kevin Laddusaw, A&P: A&P2823302

Work Order: 0975-10-2019

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: Pa-39
S/N: 39-125
REG. NO: N88WW
WORK ORDER:
0985-11-2019

Jetstream Aviation

4700 W Aeronca St.
Boise, ID 83705
Phone: 208-345-3730

DATE: 11/15/2019

A/C TSN: 4981.4

HOBBS: 1620.8

1

Reference of Major Repairs and Major Alterations
in ACA-337 by Date, or to the Work Order by Number and the Approving Agency

Airframe Entries

Performed an Annual inspection using a checklist meeting the requirements of FAR 43 appendix D. Inspected and lubricated all flight controls, cables, pulleys, bell cranks and hinges. Inspected and tested ELT. the requirements of 91.207 (d) (1-4). Battery due for replacement due Jan-20. All applicable ADs complied with at this. All continued airworthiness inspections have been complied with. Post inspection engine run-up, leak check satisfactory No defects noted.... Complied with Heater AD 2004-25-161 by inspection... Complied with AD 74-16-08 by inspection... Complied with AD 79-20-10 by inspection... Complied with AD 94-13-10 by inspection... Complied with AD 79-12-05 by inspection... Complied with AD 83-10-01. No contamination found.... Performed Garmin GDL 88 & 400W 12 month ICA inspection items... Performed Concord 12 month ICA inspection items... Performed Garmin GTX 33 24 Month ICA inspection items... Performed Left and Right engine monitor 12 month/100 hr ICA inspection items... Performed Knots 2U door strut 12 month/100 hr ICA inspection items... Performed Bogart battery box 12 month/100HR ICA inspection items... Performed Aspen PFD & MFD 12 month/100 HR ICA's inspection items... Performed Lopresti speed mods ICA inspections inspection items... Performed Knots 2U HID lights 24 month / 200 HR ICA inspection items... Removed engine rocker covers and performed internal rocker cover inspection. Reinstalled covers.... Installed Reiff Preheat System HotStrip oil sump heaters and thermostat in ref to Reiff installation instructions... reconnected #4 and #2 EGT temp sensor wire connectors as required... Replaced brake pads on left and right gear with P/N RA066-06200... Replaced left main strut orings and performed strut servicing in ref to AMM 2-35 & 2-36.... Replaced left brake cylinder o-rings with P/N MS28775-222. Bleed and serviced brake fluid level. I certify that this aircraft was inspected in accordance with an Annual /100hr inspection and was determined to be in an airworthy condition.... Removed right prop governor. Ref Precision Propeller service WO 32898 for reseal. Reinstalled governor in ref to AMM 8-14.... parts ordered

Maintenance Release

The aircraft and/or component(s) identified above on N88WW was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be Airworthy with respect to the work performed, subsequently approved for return to service.

DATE: 11/15/2019

SIGNED:

Brian J. Glenn, A&P: A&P34035351A

Work Order: 0985-11-2019

Printed by EBis 3 (datcomedia.com)

DATE

19

MAKE: Piper
MODEL: Pa-39
S/N: 39-125
REG. NO: N88WW
WORK ORDER:
1000-12-2019

JETSTREAM

Jetstream Aviation

4700 W Aeronca St.
Boise, ID 83705
Phone: 208-345-3730

DATE: 12/20/2019

A/C TSN: 4994

HOBBS: 1633.4

ncy

Airframe Entries

Removed and replaced Left vacuum pump with P/N 211CC S/N 188580... Installed Knots 2 U Stabilator tips P/N GF25066-00

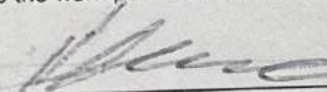
Performed operational checks on the components and/or aircraft identified above and no defects were noted.

Maintenance Release

The aircraft and/or component(s) identified above on N88WW was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be Airworthy with respect to the work performed, subsequently approved for return to service.

DATE: 12/20/2019

SIGNED:



Kevin Laddusaw, A&P: A&P2823302

Work Order: 1000-12-2019

Printed by EBis 3 (datcomedia.com)

I certify the transponder tests required by 14 CFR 91.413
have been performed, and were found to comply with

The requirements of 14 CFR Part 43, Appendix F.

Transponder Make/Model: Garmin GTX33ES

Transponder Serial Number: 89127264

Date tested: 11/20/20 Work Order No.: RS-186

Signature Stan W

Cascade Aircraft Management, FAA CRS # 5C2R7150
3901 Aviation Way Caldwell, ID 83605

I certify the altimeter or air data computer (circle one), static system
& data correspondence tests required by 14 CFR 91.411
have been performed and were found to comply with the requirements
of 14 CFR Part 43, Appendix E.

System tested to 18,000 Feet

Date Tested 2/20/20 Work Order No: RS-190

Signature Stan W Cert No.: 3856153

Cascade Aircraft Management, FAA CRS # 5C2R7150
3901 Aviation Way Caldwell, ID 83605

of Co

I certify the altimeter or air data computer (circle one), static system
& data correspondence tests required by 14 CFR 91.411
have been performed and were found to comply with the requirements
of 14 CFR Part 43, Appendix E.

System tested to

18,000

Feet

Date Tested 2/20/20

Work Order No: RS-190

Cert No.: 3856153

Signature Stan W

Cascade Aircraft Management, FAA CRS # 5C2R7150
3901 Aviation Way Caldwell, ID 83605

DATE

19

MAKE: Piper
MODEL: Pa-39
S/N: 39-125
REG. NO: N88WW
WORK ORDER:
1050-03-2020

JETSTREAM

Jetstream Aviation

4700 W Aeronca St.
Boise, ID 83705
Phone: 208-345-3730

DATE: 3/23/2020
A/C TSN: 5018.9
HOBBS: 1658.3

Airframe Entries

Removed landing gear transmission and motor assembly. Installed an Owner Produced Part per FAR part 91.9(a)(5) P/N 25720-00 in ref to AMM section 7-34 & 7-36. Verified proper operation of landing gear retraction by retraction and extension of the landing gear in manual an emergency modes.

Performed operational checks on the components and/or aircraft identified above and no defects were noted.

Maintenance Release

The aircraft and/or component(s) identified above on N88WW was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be Airworthy with respect to the work performed, subsequently approved for return to service.

DATE: 3/23/2020

SIGNED:

Kevin Laddusaw, A&P: A&P2823302

Work Order: 1050-03-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: Pa-39
S/N: 39-125
REG. NO: N88WW
WORK ORDER:
1058-04-2020

JETSTREAM

Jetstream Aviation

4700 W Aeronca St.
Boise, ID 83705
Phone: 208-345-3730

DATE: 4/29/2020
A/C TSN: 5029.9
HOBBS: 1669.3

Airframe Entries

Performed AD 79-12-08 by completing Piper SL 851 Part A on both fuel selectors. Leak rates with in limits. Next due at 1719.2....
Performed AD 83-10-01. No water or contamination noted. Next due 1729.2

Performed operational checks on the components and/or aircraft identified above and no defects were noted.

Maintenance Release

The aircraft and/or component(s) identified above on N88WW was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be Airworthy with respect to the work performed, subsequently approved for return to service.

DATE: 4/29/2020

SIGNED:

Kevin Laddusaw, A&P: A&P2823302

Work Order: 1058-04-2020

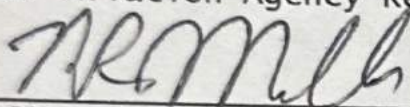
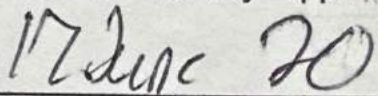
Printed by EBis 3 (datcomedia.com)

Avionics Shop, Inc. 133 Joslin Way Twin Falls, ID 83301 E11R623Y
LOG ID# 3280 17-June-2020 HOBBS 1684.7
N88WW S/N 39-125 PIPER PA-39

Pg 1 / 1

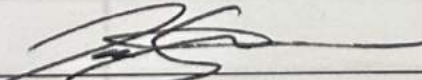
Fabricated a new NAV Antenna Balun and installed it. Verified correct VOR/LOC/Glidslope reception and display. No change in the aircraft weight and balance.

The Aircraft, component, or appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service.

 
Certificate# E11R623Y Ronnie R. Miller Date

Plane Services, LLC. 169 Joslin Way Twin Falls, ID 83301 Date: 06/15/2020
N88WW Aircraft: Piper PA-39 S/N: 39-125 Tach/Hobbs: 1684.7 TT: Unknown

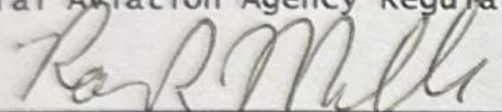
Removed left engine outboard cowling for troubleshooting of no EGT indication on #4 cylinder. Disconnected probe from harness and tested indication system. Tested EGT probe for ops check. No defects noted on indication system or probe. Reinstalled EGT probe to #4 cylinder location. Connected broken off alumel lead to #4 cylinders CHT probe terminal coupler, reinstalled engine cowling. Test ran left engine for Ops check of engine temperature indication system. Ops checks satisfactory. This aircraft was found to be airworthy with respect to the above noted maintenance, and is approved for return to service.

Jacob Strough AP3606539 

Avionics Shop, Inc. 133 Joslin Way Twin Falls, ID 83301 E11R623Y
LOG ID# 3348 23-October-2020
N88WW S/N 39-125 PIPER PA-39 TACH 1740.1

Reinstalled the Console Amplifier p/n 1C338 s/n 10594F and Roll Servo p/n 1C363-1-161R s/n 4235A after the units were repaired at Autopilots Central, Inc. Determined that the autopilot was responding to roll inputs from the attitude gyro. Ground functional tested the autopilot system good.

The Aircraft, component, or appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service.

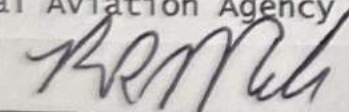

Certificate# E11R623Y Ronnie R. Miller


Date

Avionics Shop, Inc. 133 Joslin Way Twin Falls, ID 83301 E11R623Y
LOG ID# 3371 07-December-2020 HOBBS 1745.6
N88WW S/N 39-125 PIPER PA-39 HOBBS: 1740.0

Removed defective attitude gyro and installed an overhauled gyro p/n 23-501-05-2, Model 5000E-9/52D67 s/n A6077. Verified that the roll mode of the autopilot system now works correctly.

The Aircraft, component, or appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service.


Certificate# E11R623Y Ronnie R. Miller


Date

DATE	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange			
19__		Item	Manufacturer's Name	Model	Serial Number
		<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required—Exchanged for Optional <input type="checkbox"/> Removal of Required—Exchanged for Optional			



1276A East 4100 North

Buhl, Idaho 83316

1-208-543-8999


Date: 11/25/2020	N88WW	Piper	Model: PA-39	S/N: 39-125	Tach:	TT:	Hobbs: 1741.1
------------------	-------	-------	--------------	-------------	-------	-----	---------------

Removed the Janitrol fan motor assembly, Waite Electric installed new brushes in the motor, installed assembly. Replaced the heater pressure switch with a new 94E42-3 switch from Harold Haskins, Inc./Aircraft Heater Services. Replaced the heat duct control lever switch with a new 752-367 switch from Preferred Airparts, LLC, and op's check of the heater proved satisfactory. Replaced the right cowl flap wire cable with a new CAB1 inner wire replacement from Webco Aircraft LLC. Paint removed the Pitot tube. Staggered the EGT and CHT connection and covered with fiberglass impregnated tubing on the left and right engines. Pressure lubed the left throttle cable, the right throttle cable, and the right propeller governor cable. Tightened the pilots yoke trim switch retaining nut. Repaired the left engine manifolds drain tube assembly. I certify this airframe airworthy for return to service with the work performed this date. Pertinent details are on file at this repair facility under Work Order 01428, Invoice 92201 dated 10/28/2020. A copy of this work order has been given to the operator to become a permanent part of the aircraft records.

Monty Shobe *Monty Shobe* A&P3687365

☐ Removal of Optional Equipment
☐ Addition of Required—Exchanged for Optional
☐ Removal of Required—Exchanged for Optional

☐ Addition of Optional Equipment
☐ Removal of Optional Equipment
☐ Addition of Required—Exchanged for Optional
☐ Removal of Required—Exchanged for Optional

DATE 19____	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange										
		Item	Manufacturer's Name	Model	Serial Number							
		<div data-bbox="382 411 622 518" style="text-align: center;">  </div> <div data-bbox="663 486 1022 521" style="text-align: center;">1276A East 4100 North</div> <div data-bbox="1205 483 1493 521" style="text-align: center;">Buhl, Idaho 83316</div> <div data-bbox="1707 483 1959 518" style="text-align: center;">1-208-543-8999</div> <table border="1" data-bbox="382 526 1989 564"> <tr> <td>Date: 01/14/2021</td> <td>N88WW</td> <td>Piper</td> <td>Model: PA-39</td> <td>S/N: 39-125</td> <td>Hobbs: 1746.0</td> <td>TT: 5221.7</td> </tr> </table> <p data-bbox="375 566 1978 1211">Annual Inspection completed this date in accordance with FAR 43, Appendix D and the applicable Piper PA-39 Service Manual's Inspection Check list. Corrected from 5101.7 to 5221.7. Lubed all flight controls, pulleys and chains. Placed the aircraft on jacks. Serviced the main tires with 42 psi and the nose tire with 42 psi of air. Removed the pressure plates and torque plates from the brake cylinders, removed the brake linings, cleaned, inspected, and installed new RA066-06200 Rapco metallic linings. Removed the left and right brake cylinders, and cleaned the cylinders with solvent. Disassembled the right cylinder, honed the bores and installed new MS28775-222 O- rings. Installed the cylinders, bled the brakes and serviced the master cylinders with 5606 hyd fluid. Removed the left landing gear door, installed two patches as required, installed a new CA452-860A (452-860) rod end, 14976-009 main gear horn bushing, W21066-000M&L horn assembly main gear rod attachment, 408-833 washer wave spring, and U80122-010 washer, main gear door. Prepped the gear door and painted white to match the aircraft, and installed. Replaced the left and right landing gear bungees with two new 8097 bungees from SBC Industries, Inc. Checked the shimmy dampener. Packed the nose gear wheel bearings with Mobile SHC-1 wheel bearing grease. Cleaned the landing gear with solvent. Lubed the landing gear, gear retraction test and manual extension proved satisfactory. Removed the flap motor and transmission assembly, disassembled, cleaned, lubed, and installed. Disconnected Hobbs meter from the left engine's oil pressure switch and connected it to the gear up grounding lead, it now operates when the landing gear is retracted. Checked electrical system and lights. Removed the battery, inspected, charged, and installed. Replaced the left and right steering rod boots with new 21378-000 boots. Lubed all control hinges, bellcranks, and pulleys. Checked and cleaned the left and right electric fuel pumps screens. Cleaned</p>				Date: 01/14/2021	N88WW	Piper	Model: PA-39	S/N: 39-125	Hobbs: 1746.0	TT: 5221.7
Date: 01/14/2021	N88WW	Piper	Model: PA-39	S/N: 39-125	Hobbs: 1746.0	TT: 5221.7						
		<div data-bbox="1638 1299 2092 1353"> <input type="checkbox"/> Addition of Required—Exchanged for Optional <input type="checkbox"/> Removal of Required—Exchanged for Optional </div> <div data-bbox="1638 1385 2092 1495"> <input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required—Exchanged for Optional <input type="checkbox"/> Removal of Required—Exchanged for Optional </div>										

the inside of the left and right top cowlings, and installed 8672 3-M anti chaffing tape where the engine baffling seals were wearing on the aluminum. Replaced all of the fuel selector placards with new placards from Aerographics. Removed the air filters boxes covers. Cleaned the covers with solvent. Removed the air filters and installed new BA-10 Brackett filters. Repaired the right cover, and painted black. Installed the left and right covers. Removed the right alternate air box, repaired, installed, and safety wired. Removed ELT from aircraft, tested ELT per 14 CFR Part 91.207(d), op's check proved satisfactory, battery due date 03/2022, installed ELT in aircraft. Removed the leaking pressure regulator for the Janitrol heater and secured fuel lines and circuit breaker in accordance with the service manual. See ICA Compliance Sign-off sheets behind the Continued Airworthiness Tab in the aircraft records. C/W AD 77-13-24, Landing Gear Components Wear Limits, Para. A was C/W on 06/01/2013, ACTT: 4682.0 NID 1000 Hrs, ACTT: 5682.0, ACTT was corrected to 5221.7 which makes Para. A due ACTT: 5702.0. C/W Para B Hobbs: 1746.0 ACTT: 5101.7, NID 500 Hrs Hobbs: 2246.0, corrected ACTT: or three years 01/14/2024, whichever comes first. 5721.7, C/W 79-12-08 Fuel Selector Valves Internal Leaks, by inspection and Part A & B pf SL 851, NID 50 hrs. Hobbs: 1796.0, ACTT: 5271.7. C/W AD 79-20-10, Aileron Nose Ribs, by inspection, NID 100 hrs. Hobbs: 1846.0, ACTT: 5321.7. C/W AD 83-10-01, Water Contamination in Fuel System, by inspection, NID 50 hrs. Hobbs: 1796.0, ACTT: 5271.7. C/W AD 94-13-10 Stabilator Torque Tube Support Fittings, by inspection, NID 100 hrs. Hobbs: 1846.0, ACTT: 5321.7. AD 97-01-01 R1, Main Gear Sidebrace Stud, was C/W on 05/12/2004, ACTT: 4202.0, NID ACTT: 5322.0 corrected time. C/W AD 15-24-05 AFM, Placard - Updated POH Placard 80379-002. Transponder test is due 01/31/2022. IFR certification is due 02/28/2022. See complete AD Listing in the aircraft paper work. All of the work identified above was performed in accordance with the applicable chapters of the airframe, engine, or propeller maintenance manuals and current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this repair facility under Work Order 01453, Invoice 92235 dated 12/14/2020, Invoice 92240 dated 01/01/2021, Invoice 92249 dated 01/14/21. A copy of this work order and invoices were given to the operator to become a permanent part of the aircraft records.

James Williamson  A&P3458405

01/14/2021 I certify that this aircraft has been inspected in accordance with an annual Inspection and was found to be in an airworthy condition.

James Williamson  A&P3458405IA



Genavco Airmotive

Payette Airport S75

Apr 26, 2021

N88WW

AIRFRAME

Hobbs: 1784.2

TTAF: 5259.9

1. Repaired cowl flap control cable.
 2. Replaced left engine exhaust system. See left engine log.
- A&P 2923275 IA - Nikita Clark

Nikita

26 APR 2021

09/28/2021 Hobbs: 1796.0 TT: 5271.7

- Complied with the following AD's By inspection:

AD 83-10-01 water contamination in fuel system

AD 79-12-08 fuel selector valves internal leaks using

Piper SL 851 Part A & B

Next inspection Due: 1846.0 Hobbs / 5321.7 TT

Anthony M. Garcia Atp/JA 2878879

Anthony M. Garcia 09/28/2021

5367.5
Date: 02/21/2022 **Hours:** AC: ~~5295.3~~ TT: EngTT: 1084.3 L/H 1853.0 R/H
Tail#: N88WW **PropTT:** 467.2 L/H 467.2 R/H **Hobbs:** 1819.6 **Misc:**

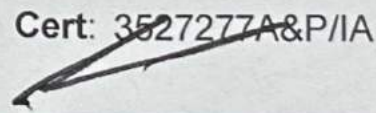
Make: Piper **Model:** PA-39 **S/N:**

All access panels, fairings, cowlings removed. Placed aircraft on jacks. Performed (3) gear retraction tests, found to be operational at this time. Aircraft Lubed IAW Piper service instructions. Repaired skin crack at door hinge IAW AC43.13.1B Scab patch, painted to match. See FAA form 337 this date for details. Remove and replace air filters (2) P/N: BA-10. ELT tested and Inspected IAW FAR 91.207(D) found to be airworthy at this time. Removed and replaced ELT battery P/N: BP-1010 battery date 3/2024. repaired fuel leak r/h fuel transducer fitting. All AD's complied with to date see AD list for details. repaired L/H cowl flap cable turn buckle. Cleaned and reinstalled door seal correctly. Repaired Hobbs meter power wire at hobbs meeter. Removed aircraft from jacks. reinstalled all access panels, cowlings, fairings. Aircraft ground run all temps/pressures normal, no leaks noted at this time.

Name: John H. Sanders Jr.

Cert: 3527277A&P/IA

Co: JH Sanders Aviation Services Llc

Sign: 

Date: 02/21/2022 **Hours:** AC: 5295.3 TT: EngTT: 1084.3 L/H 1853.0 R/H
Tail#: N88VV PropTT: 467.2 L/H 467.2 R/H Hobbs: 1819.6 Misc:
Make: Piper **Model:** PA-39 **S/N:**

I certify that this aircraft has been Inspected IA FAR 43.13,43.15,43(D) annual inspection and has been found to be airworthy at this time.

Name: John H. Sanders Jr.

Co: JH Sanders Aviation Services Llc

Cert: 3527277A&P/IA

Sign:

A handwritten signature in black ink, appearing to be 'John H. Sanders Jr.', written over a horizontal line.

