

*The Standard*

# **AIRCRAFT LOG**

**1974**

**Aircraft Record** General Information

Manufacturer Piper Model PA-24-250  
Serial 24-1507 Registration Number N6397P  
Date of Manufacture \_\_\_\_\_

**Engine(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

**Propeller(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_  
HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

DATE MO DAY	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Feb	231.4		4817.4	Lubricate pulleys + controls. Replace main gear bumper cords. Comply with following Airframe 68-13-03: Fuel cell inspection, due 331.4 68-05-01 muffler insp due 281.4 74-13-03 stabilator insp, due 331.4 76-07-12 MAG switch insp due 331.4 75-12-06 Fin attach bolt insp, due 331.4 77-13-21 Gear Insp - PAR B replace bumper due 331.4 Check elt ops: OK, I certify that this aircraft was inspected following an Annual inspection ch list and found airworthy as of this date. William Bolin AP335508097 I.A.

DATE 19 <u>97</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-28	252.6			Replaced Rt Main tire with New Condor 6.00x6 tire Replaced 2 bearings & Races on Rt Main, One bearing & Race on Left Main and one bearing & Race on nose wheel. Bobby Riley ATP 280647970
6-16	261.3		4847.3	Replaced 8 ft Scott hose, 12v battery with condor RG 35, overvoltage Relay Rayfilter & coupling boot. Repaired wires on ig Landing Light & Stall warning Light. Repaired engine ground run electrical system checks ok. Bobby Riley ATP 280647970

DATE 1992	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/16	261.3		4847.3	INSTALLED VOLTMETER (VA-1A) S/N 26854 + DEACTIVATED O/E VOLTMETER INSTALLED CARB. TEMP SENSOR + GAUGE PN 2A3-1 GAUGE, 399W SENSOR, NSN. R Palermo 143-36-1565
7/16-97	269.0 hr		4855	Install new fuel tank cowling + fuel exhaust AS per STC ST00347A7P MASTER DWG MDL 92-01 REV. B DATED 4-1-97 RAX Main TPA 1879126
	See new C/P AS of 7-16-97			

TOTAL  
TIME  
SER

# Aero Fabricators

Box 181, North Road  
Lyons, WI 53148-0181

**FAA-PMA**

Part No.

E333-20/0

Serial No.

5 PMA

## ELIGIBILITY

REFER TO AERO FABRICATORS

PRODUCT ELIGIBILITY LIST

AF-100-PEL

DATE 19 92	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-3				Removed King KA134 AUDIO PANEL AND ARNAV R4 LORAN SYSTEM. Installed Modified Instrument Panel By RON AND JOHN'S COMMUNIQUE SERVICE per STC SA001593E. Installed P.S. Engineering PMA 6000/M AUDIO MARKER PANEL AND B.F. Goodrich WP-900 WEATHER AVOIDANCE SYSTEM. See FAA FORM 337 Dated this date for details
New	A/c Empty Weight		1687.82 lbs	Walter T. Cunniff
New	A/c Empty C.G.		88.88 ins	MAC-MICHAEL ALMOND
New	A/c Empty Moment		150012.93 in/lbs	CRS GYSR900M
New	A/c Useful Load		1112.18 lbs	

[illegible]



-SERVICABLE-

**FLA. AIRCRAFT INSTRUMENTS, INC.**

Municipal Airport  
Leesburg, Florida

Repair Station  
No. OY4R431M

Model 4000c Serial No. 30683E

Type D.C. Gyro Mfg. EDD-AIRE

Customer VELOCITY INC.

☐ Calibrate ☐ Check ☐ Certified to FAR 43  
☐ Repair ☒ Overhaul Appen. E. \_\_\_\_\_ Ft.

T.S.O. \_\_\_\_\_ TTIS \_\_\_\_\_

Work Order No. 7176-3 Date 24 Feb 97

Mechanic Wen Inspector Michael E. White

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## MAINTENANCE RELEASE

COMPONENT Lean Coordinator SERIAL NO. 10364E  
PART/MODEL NO: U405-14L

☐ Overhaul ☒ Repair ☐ Inspected ☐ New

The Aircraft Appliance identified above was overhauled, repaired, Functional tested or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under

Work Order # RP#13873 Date 12-8-97  
Authorized Signature Mary Davis  
P/N 8640

DATE	RECORDING TACH TIME	TODAY'S 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.)

2-15-98 N6397P TAC 325.5 TOTAL TIME 4911.5

INSPECT AND SERVICE AIRCRAFT USING "PIPER COMANCHE 100 HR INSPECTION FORM" AS A GUIDE. INSTALLED NEW BOOTS ON STEERING RODS. ADJUST GEAR WARNING HORN. TIGHTEN SHIMMY DAMPER BOLTS. FREE UP N. GEAR DOOR LINKAGE. RE-BUSH MLG SCISSORS. REPLACE LEFT & RIGHT MLG LINK RODS PN 20768-000, PN 20768-001. REPLACE LT MLG ROD END BEARING PN W23412-000. RESEAL RT MLG STRUT. RESEAL BOTH BRAKE CALIPERS. REPLACE L & R MLG DOOR HINGES PN 21065-012. REPLACE BRAKE DISC AND LININGS. REPLACE NOSE WHEEL HALF PN 162-00600. REPLACE ELT BATTERY PAC PN BP1030, INSP ELT PER FAR 91.207(d). REPLACE ALL STAB. TRIM HINGES PN20193-028, PN20194-018, PN21510-002. REPLACE RT WING FUEL PANEL PN 23426-003. CORRECT OVERHEAD SPOT LIGHT AND GEAR DOWN LIGHT WIRING. C/W AD 68-13-03 BY INSP. RECURRING. C/W AD74-13-03 BY INSP. RECURRING. C/W AD 75-12-06 BY INSP. RECURRING. C/W AD 94-13-10 BY INSP. RECURRING.

I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

STEVE SCHMID A&P 269526429 IA

*Steve Schmid*

LOG BOOK ENTRY

ELT BATTERY  
REPLACEMENT DATE 2-00

AVIEX 10714 S. Tower Rd. Canby, OR 97013  
(503) 265-0823 800-547-8801

APRIL 2, 98 N6397P TAC 335.0 TOTAL TIME 4921.0

REPLACE FWD CRANK OIL SEAL WITH LW 13792-P50

REPLACE STARTER RING GEAR SUPPORT WITH SERVICEABLE UNIT PN 72565

INSTALL McCAULEY PROP MODEL B3D32C412-C SER 980538

McCAULEY GOV. MODEL DC290D1-T34 SER D20893 PER STC NO SA00773CH

SEE 337 FOR DETAILS. REPLACED PROP CONTROL CABLE WITH NEW SAME AS REMOVE. WT/BAL REVISED IN SUPPLEMENTAL FLT MANUAL.

STEVE SCHMID A&amp;P 269526429

29 Steve Schil

7-23-98

N6397P

TACH: 362.4

TT: 4948.4

REMOVED AND REPLACED LT/MAIN AND NOSE TIRES AND TUBES WITH NEW CONDOR 600 x 6, 6 PLY TIRES AND TUBES. TROUBLESHOOT IGNITION, CLEAN AND TEST PLUGS, REPLACE (1) REM40E PLUG REMOVE & REINSTALL, REPAIRED MAGS, CHANGED OIL.

BOBBY G MILEY A&P 280647970

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DATE 19 <u>99</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Removed PERAA TRT 250 installed PERAA TRT 250D No wiring change No change in weight and balance. William H. Russell MAC-MICHAEL AVIONICS CRS 685R900M
				I certify the encoding system check as required by FAR 91.411 has been performed. Model <u>AT-300D</u> Test Date <u>9-25-98</u> <u>William H. Russell</u> Signature Mac-Michael Avionics Inc. CRS 685R900M
				I certify that the Transponder check as required by FAR Part 91.413 has been performed. Model <u>TRT 250D</u> / <u>8121281</u> Date <u>9-25-98</u> Signed <u>William H. Russell</u> Mac-Michael Avionics Inc. CRS 685R900M







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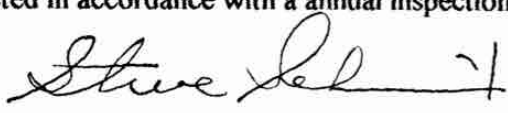
DATE | RECORDING | TODAY'S | TOTAL | Description of Inspections, Tests, Repairs and Work

11

**11-24-98 N6397P TAC 391.6**

REPLACE OIL AND FILTER SERVICE WITH 10 QTS  
AERO-SHELL 15W50 . INSTALL FUEL PRESURE  
TRANSDUCER PN0523911 PER ELECTRONICS INTER-  
NATIONAL INSTRUCTION II O506931 DATED 5/6/93  
REV. G . INSTALLATION IS APPROVED UNDER STC  
SA00068SE . SEE 337 FORM DATED 02-01-96 FOR DETAILS.  
STEVE SCHMID A&P2695264291A *Steve Schmid*

DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
19				<p>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair</p> <p><b>02-01-99 N6397P TAC 405.5 TOTAL TIME 4991.5</b></p> <p>Inspected and serviced aircraft using Piper Comanche 100 Hr inspection form as a guide.</p> <p>Replaced the following nose gear parts ;</p> <ul style="list-style-type: none"> <li>* Pn 20735-003 scissors assy (2 each )servicale units.</li> <li>*Replaced bushings and bolts in nose gear scissors .</li> <li>* Replaced pn 487-820 nose gear limit switch with new .</li> <li>*Replaced nose gear upper strut housing bearings pn 21706-000 with new (2 each).</li> <li>*Replaced nose gear drag link bolts and bushings with new.</li> <li>* Resealed nose gear strut and service.</li> <li>* Installed new shimmy dampner kit pn ALH-001 see 337 form dated this date for details.</li> <li>* Installed servicable shimmy bampner rod end attach lug Pn 21709-000 and bushing</li> </ul> <p>The following work was done to the Main landing gear;</p> <ul style="list-style-type: none"> <li>*MLG side brace studs and castings sent to Webco Aircraft , Newton , KS for fluorescent penetrant inspection to C/W AD97-01-01r1- No cracks found on 1-28-99 and Bushings Pn w14843-030 and bolts pn AN26-25 were replaced with new</li> </ul> <p style="text-align: center;">Continued next page</p>

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>Performed the following ;</p> <ul style="list-style-type: none"> <li>* Complied with AD 77-13-21 Parts A and B (1000 HR nose and main gear inspection and bungee replacement.)</li> <li>* Installed servicable flap bell crank brackets pn 20656-006 and 20656-007 on RH wing with new attaching hardware.</li> <li>* Replaced 7 working rivets on rudder.</li> <li>* Repaired Manifold pressure line under panel by installing a union AN815-4d.</li> <li>* C/W AD 68-13-03 inspected fuel bladder snaps and replaced gaskets.</li> <li>* C/W AD 75-12-06 by inspection of foward vert. spar</li> <li>* C/W AD 94-13-10 by inspection of stabilator .</li> <li>* Inspected Elt IAW FAR 91.207 (d) .</li> <li>* Cleaned battery terminal at airframe attach point.</li> <li>* Computed new wt./bal for light starter installation.</li> </ul> <p>I certify this aircraft has been inspected in accordance with a annual inspection and found to be in airworthy condition.</p> <p>Steve Schmid A&amp;P269526429IA </p>

SINCE 1920  
S/N: G01784113

...page for other specific entries.)

Antiradiation Make	UNITED		
Model	5934P-1	S/N	7F498
Contract Price			
FAR Part 91.411	Whitman & Co. Inc.	Model	TRT 250
		S/N	2625
Under Work Order No.	4564	Date	3-11-89
Amount Billed to	20,000	Signed	Whitman & Co. Inc.
For Date	3-11-99	Mac-Michael Avionics Inc.	
Radio System		CRS#	0X50000M
For Date	3-11-99		
Whitman & Co. Inc.			
Authorized Sign			
FAR Part 91.411			
Model	AT-3000	Test Date	3-11-89
Mac-Michael Avionics Inc.			
CRS#	0X50000M		

ALTIMETER SCALE  
CORRECTION CARD

ALTIMETER S/N 7F498  
PART NO. 5934F-1-

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	0	14000	-15
0	-5	16000	-25
500	-10	18000	-35
1000	0	20000	-55
1500	0	22000	
2000	0	25000	
3000	+5	30000	
4000	0	35000	
6000	+5	40000	
8000	0	45000	
10000	+15	50000	
12000	+5		



**Date 1-15-00 N6397P Tac 499.5 TT/AF 5085.5**

**Inspected and serviced aircraft using Piper Comanche 100 Hr inspection form as a guide.  
Complied with the following:**

**C/W A/D 68-13-03 (fuel cell collapse) by inspection -recurring .**

**C/W A/D 74-13-03 (stab attach bolts) by replacing with corrosion resistant bolts IAW  
Piper SL No. 667A**

**C/W A/D 75-12-06 (Vert. Fin Spar) by Penetrant inspection - recurring.**

**C/W A/D 85-02-05 R1 inspect placard for brakes.**

**C/W A/D 94-13-10 (stabilator inspection) inspected for looseness IAW  
Piper SB No. 411A.**

**Performed conditional inspection of Knots 2U speed mods IAW the appropriate  
Installation and Maintenance manuals.**

**Installed the Following;**

**Precision Aviation Vert. Card compass PAI 700 Sn 36831-14V. adjusted on compass rose  
and completed and installed new compass correction card. Continued next page**

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

Continued for previous page

Osborne Tip Tank Kit P/n 4009-1. *See 337 form this date for details.*

Whelen strobe system. *See 337 Form this date for details*

Replaced Aileron and flap hinge bolts.

Adjusted aileron cable tension and rigged flaps. IAW Comanche MM.

Replaced ELT battery pack P/N BP1030 (12/01), Inspected ELT IAW 14 CFR title 91.207(d)

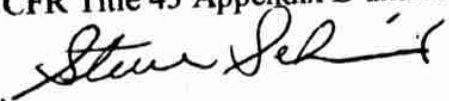
Replaced left Fuel Bladder with new PMA P/N 454-324 , S/n 84

Replace right Fuel Bladder with new PMA P/N 454-325 , S/n 88

Replaced one fuel clip P/n 752-016. Replaced fuel bowl gasket.

Completed new Wt/Bal and inserted in Airplane Flt Manual.

I certify that this aircraft has been inspected IAW a Annual Inspection as outlined under 14 CFR Title 43 Appendix D and has been found to be in Airworthy condition.



Steve Schmid A&P269526429IA



DATE 4-2000	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-73		Removed Terra		TRT 2500 Transponder AND King RX155
		NAV/Com		Installed UPS Aviation Technologies SC30 NAV/
		Com, MX20 Multi-function display AND King RT-76C TRANS		ponder. See FAA Form 337 dated this date for details.
				Yuhlin & Co. Inc.
				MAC MICHAEL AVIONICS
				CAS # G45R960M
		New A/C Empty Weight	1722.73 lbs	
		New A/C Empty C.G.	89.51 in	
		New A/C Empty MOMENT	15497.55 in/lbs	
		New A/C Useful Load	1277.27 lbs	

***Airframe Log Book Entry***

**Date: 02-03-01 Piper Comanche N6397P Tach 599.0 Total Time 5185**

**Inspections & Airworthiness Directives:**

Inspected and serviced aircraft using Piper Comanche 100 Hr Inspection Form as a guide  
Performed Annual inspection IAW 14 CFR Part 43 Appendix (D)

Performed ELT inspection IAW 14 CFR Part 91.207(d)

Complied with **recurring A/D 68-13-03** (Fuel Cell Collapse) by inspection.

Complied with **recurring A/D 75-12-06** (Vert. Fin Spar) by inspection.

Complied with **recurring A/D 94-13-10** (Stabilator Attach) by inspection.

**Maintenance:**

Replaced aileron balance cable P/N W14300-006 with new from Webco Aircraft.

Replaced left and right aileron cable p/ns W20943-004 & W20943-002 with new(Webco)

Replaced 4 push-pull rod end bearings p/n 452 383 at aileron bellcranks. Installed new clevis bolts at aileron bellcranks. Installed Black Bear (corrosion preventative compound) on new control cables aft of main gear wells. Rigged Ailerons IAW maintenance manual and S-tec A/P Installation Manual.

***Continued next page***

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**Date: 02-03-01 Maintenance Continued from previous page. N6397P**

Installed M20 model 300 Air/oil separator see 337 this date for details and continued Airworthiness instructions.

Lubed Airframe IAW Maintenance Manual. Cleaned and packed wheel bearings.

Replaced fuel bowl screen and gasket. Replaced fuel sender gaskets.

Replaced right & left fuel tank close out gaskets after complying with A/D (previous pg.)

Replaced bad rivnuts at wing root fairings

Replaced Airborne Central Instrument Air filter p/n 1J10-1

All work performed IAW approved & current documents. Aircraft found to be in airworthy condition and approved for return to service.

Steve Schmid A&P269526429IA Steve Schmid Date 02-03-01

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ALTIMETER SCALE  
CORRECTION CARD

W.C. 5504  
3-12-01

ALTIMETER S/N  
PART NO.

7F498

5934P-1



REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	+5	14000	-20
0	-10	16000	-15
500	0	18000	-20
1000	-20	20000	-25
1500	-10	22000	
2000	-10	25000	
3000	-5	30000	
4000	-10	35000	
6000	0	40000	
8000	-10	45000	
10000	-10	50000	
12000	0		

Repair  
and  
tries.

73



DATE 2008	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-12				Removed HI-225 AND INSTALLED AC Allen Electric Artificial Horizon. See FAA Form 337 dated this date for details.  William T. McConnel MAC-MICHAEL AVIONICS CRS GY5K900M
				New A/C Empty Weight 1725.23 lbs
				New A/C Empty C.G. 89.45 in
				New A/C Empty MOMENT 154320.25 in/lbs
				New A/C Useful Load 1274.77 lbs

DATE 2001 <del>10-10-01</del>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-20	626.3			INSTALL GILL G35-S BATTERY S/N G01952640
				  G01952640
4-12-02	TACH 697.2			owner/operator Paul E. [Signature] Complied with A/D 77-13-21 (GEAR COLLAPSE) By REPLACING MLG BUCKETS (PART B) P/N 31322-007 [Signature] 1 A+P 269526429

***Airframe Log Book Entry*****Date: 04-12-02 Piper Comanche N6397P Tach: 697.2 TTA/F 5283.2****Inspections:**

Inspected and serviced aircraft using Piper Comanche inspection form as a guide

Performed Annual inspection IAW 14 CFR Part 43 Appendix (D)

Performed ELT inspection IAW 14 CFR Part 91.207(d)

**Airworthiness directive:**

Complied with A/D 94-13-10(Stabilator attach fittings by installing **Piper Kit No 760-835** deviated from kit installation instructions, items 2 through 6 by performing alternate method of compliance IAW FAA-ACO approved letter for the PA-24 series aircraft addressed to Mr. John Regier, Webco Aircraft, Dated April 03, 96 this A/D is no longer required due to kit installed on all four attach points.

Complied with recurring A/D 68-13-03(Fuel cell collapse) by inspection.

Complied with recurring A/D 75-12-06(Vert. fin spar) by penetrant inspection.

Complied with recurring A/D 76-07-12(Bendix mag switch) by operational check per A/D text.

**Continued next page**

**Date: 04-12-02      Continued from pervious page.**

**N6397P**

**Alterations:**

Installed Knots 2u Wing Fillets approved by STC no SA371CH see form 337 Dated 04-12-02 for details and continued airworthiness instructions. Aircraft weight and balance revision dated 04-12-02 installed in flight manual.

**Maintenance:**

Replaced fuel bowl gasket after cleaning screen. Lubricated aircraft per manual.

Replaced fuel close out gaskets while complying with A/D(previous page).

Replaced 8 working rivets on wings and tail bulkhead as needed.

Disassembled Stabilator to check and treat torque tube for corrosion.

Replaced stabilator torque tube bearings, p/n 452-363(2ea) with new.

Replaced stabilator torque tube bearing block bolts with new p/n 401-383 upper (2ea) and p/n 401-380 lower (2ea)

Replaced stabilator return spring at aft bulkhead with new. Checked stabilator and stabilator travel and rigged per manual.

**Continued next page.**

DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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Date: 04-12-02 Continued from pervious page.

N6397P

Maintenance:

Sent landing gear transmission and motor p/n 25720-000 s/n 2r21626 to Webco Armature, brushes and other worn parts replaced under Webco work order no. 2r272 dated 02-27-02

Installed new left and right gear push-pull conduits p/n W455-180 rigged landing gear per manual *conduits no longer require lubrication.*

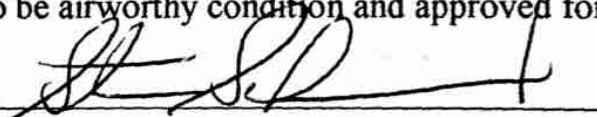
Resealed left main landing gear oleo strut .Adjusted all oleo gear struts with nitrogen

Installed new throttle cable p/n 455-185, rigged and adjust gear horn switch.

Replaced engine intake air filter p/n BA 104.

I certify this aircraft has been inspected and repaired IAW FAA approved publications and procedures, and determined to be airworthy condition and approved for return to service.

Steve Schmid A&P 269526429IA



DATE 49 2003	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-1	781.0		5367	opened aircraft for inspection checked control cables & fairleads checked wing attach points & control surface anchor points checked Brakes Repaired wheel bearings replaced both main tires, Balanced all tires, Repaired Retraction & Extension checks checked battery lubed aircraft checked AHS Log 2003-09 See compliance log for Duties & times checked 5172AW FAR 91.20(d) battery Rec. 12-03
				I CERTIFY THIS <u>aircraft</u> HAS BEEN INSPECTED
				IN ACCORDANCE WITH A <u>General</u> INSPECTION
				AND WAS DETERMINED TO BE AIRWORTHY.
				<del>TIME</del> 781 DATE 6-103

*RD* *JA 370706274*

DATE 2003	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-1				Removal UPSAT MX20, SL30, King KI-TEC AND KN64. Install Collins VHF 261, VIR 351, GLS 350, TOR 950 AND King KE 225. See FAA FORM 337 dated this date for details
				W. J. Williams Jr. Chief
				MAC-MICHAEL AVIONICS INC
				CRS GY5R900M
				<del>New A/c Empty Weight 1725.43 lbs</del>
				<del>New A/c Empty C.G. 89.47 in's</del>
				<del>New A/c Empty Moment 154371.69 in/lbs</del>
				<del>New A/c Useful Load 1274.57 lbs</del>
				SUPERCEDED 09/01/2008

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			<p>I certify the encoding system check as required by FAR 91.411 has been performed.</p> <p>Model <u>14T-3000</u> Test Date <u>7-2-03</u> <u>William T. Campbell</u> signature Mac-Michael Avionics Inc. CRS# GY5R900M</p> <p>I certify that the Transponder check as required by FAR Part 91.413 has been performed.</p> <p>Model <u>TDI 950</u> SN <u>25373</u> Date <u>7-2-03</u> Signed <u>William T. Campbell</u> Mac-Michael Avionics Inc.</p>
			<p>Altitude (ft) <u>11,000</u> Model <u>5934P-1</u> S/N <u>7F498</u> Certified to meet requirements of FAR Part 91.411 <u>William T. Campbell</u> Authorized Sign Under Work Order No. <u>66116</u> Altimeter tested to <u>20,000</u> test on Date <u>7-2-03</u> perform- static system test and inspection required by FAR Part 91.411 Date <u>7-2-03</u> <u>William T. Campbell</u> Authorized Sign FAA Certified Repair Station #GY5R900M 1251 West Blue Road Springfield, Ohio 45502</p>

CRS# GY5R900M



Altimeter Scale  
Correction Card

W.O. 6116  
Date: 7-20-03

Altimeter S/N 7F448  
Altimeter P/N 52740-1

Reference Altitude in feet	Altimeter Reads	Reference Altitude in feet	Altimeter Reads
-1000	-1000	14000	-10
0	+5	16000	0
500	+5	18000	-20
1000	-10	20000	-55
1500	-10	22000	
2000	-10	25000	
3000	+10	30000	
4000	+5	35000	
6000	+10	40000	
8000	+10	45000	
10000	0	50000	
12000	0		

McC-Michael Avionics Inc.  
51 West Blue Road

CRSN GY5R900M  
Springfield, Ohio 45502

Phone 937-322-0561 Fax 937-322-0562

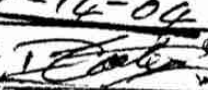
07-09-2004 Airframe Log N6397P TACH TIME 840 TOTAL TIME ~~5407~~ 5426  
 Complied with the following ADs: 68-13-03 Fuel Cell Collapse, next due tach 940, 75-12-06 Fin Forward Spar, next due tach 940. 76-07-12 Bendix Magneto Switch, next due tach 940. 77-13-21 Prevent Landing Gear Collapse para.(b), next due 07-09-05 did not comply with para. (a) at this time, next due tach 1405.5. 97-01-01 R1 Cracks in Main Gear Side Brace Stud did not comply with at this time, next due tach 1405.5. Replaced door sill with servicable P/N 21908-00. Fuel Selector Valve inspected and greased iaw SB-354B. Fuel gasolator drained and screen cleaned. Replaced o-rings in brake master cylinder P/N's AN6227-7, AN6227-11, AN 6227-8 bled brakes. Vacuum regulator screen cleaned. Rotated both brake discs in wheel half. Replaced ELT battery P/N BP1030 and tested iaw FAR 91.207, battery replacement next due 07-2005. Replaced rudder hinge bolts P/N AN4-13, washer AN960-416, nut AN310-4, pin AN380-2-4.

Dale Coates  A&P 276964587

I certify that this AIRCRAFT was Inspected  
 in accordance with an ANNUAL inspection  
 and was determined to be in an airworthy condition.

AD compliance checked thru biweekly 2004-14  
 Total Time 5407 5426

Tach Time 840 Date 07-14-04

Mechanic A&P 276964587  © ASA 1993

DATE 19	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
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Piper PA24-250 N6397P TT:5466.6 Tach:880.6 September 27, 2005

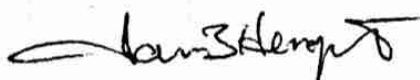
Performed annual inspection IAW CFR Title 14 Part 43 Appendix D. Replaced AN3-14 exhaust manifold to muffler flange bolts. Replaced induction air filter Brackett P/N BA-3. Replaced central instrument filter P/N RA1J10-1. Replaced fuel filter bowl P/N 16211-000. Replaced coaxial cable end terminal P/N 203/743-9272 on ELT antenna cable. Adjusted stabilator cable tension. Adjusted stabilator trim cable tension. Adjusted stabilator travel. Adjusted rudder travel. Brake linings replaced on L/H and R/H main gear with linings P/N RA66-106 and rivets P/N RA105-00200. Replaced R/H & L/H brake discs p/n 164-10900. Replaced R/H & L/H wheel half p/n 161-01600. Replaced both O-rings P/N MS28775-218 on L/H brake caliper. Installed 10 static wicks P/N 494-678. Tested ELT IAW FAR 91.207, battery replacement next due 07/2006.

Cracks stop drilled on L/H wing upper skin and rivets replaced, 2 at sta.120 and 1 at sta.169.

AD research accomplished through bi-weekly 2005-19. Complied with AD77-13-21 (gear collapse) paragraph(b) by replacing MLG Bungees P/N 31322-007, next due 07-2008 or Tach: 1380.64 whichever comes first.

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

Ian B. Hengst  
A&P 206560293 IA





Registration: N6397P  
Manufacturer: Piper  
Model #: PA 24-250  
Serial #: 24-1507

Date: 10/10/2006  
Hobbs Time: 904.7  
Total Time: 5490.7  
Total Landing: -----

### n or Repair

Accomplished annual inspection IAW Title 14 CFR Part 43 Appendix D.

Replaced induction air filter p/n BA-3, fuel selector valves p/n 4020, aircraft battery p/n RG34AXC s/n 40137050 in accordance with STC # SA01147WI (capacity check is due October 2008), right main wheel half p/n 162-00600, nose gear barrel p/n 21707-000, right steering roller bushing p/n 14976-013, pivot bushing p/n 14976-017, steering arm rod end p/n 452-860, nose strut seal kit p/n JMPA24N, lower nose gear torque link bolt p/n AN 175-32, ELT battery p/n BP 2020, right and left main rear trunion bearing support bolts, landing light switch, 50 amp main breaker, beacon power supply p/n 152-0007, and bench seat hold down clamps.

Repaired comm. radio power socket. Shimmed left main & nose gear torque link. Nose gear steering arm reconditioned by Webco aircraft. ELT tested in accordance with Title 14 CFR 91.207d. Battery replacement due **September 2008**.

AD 68-13-03 "Fuel cell inspection" accomplished.

AD 75-12-06 "Fin forward spar attachment" accomplished by inspection.

AD 77-13-21 "Preventing landing gear collapse" accomplished by inspection. Bungee replacement due 07-2008 or tach time 1380.6.

AD's checked thru bi-weekly revision # 2006-20. I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION and has been determined to be in an airworthy condition.

A&P 206560293 JA Ian B. Hengst ~~and Hengst~~

DATE

19

**MMS** Aviation

24387 Airport Road  
Coshocton OH 43812  
Phone: 740-622-6848

Registration: N6397P  
Manufacturer: Piper  
Model #: PA 24-250  
Serial #: 24-1507

Date: 09/01/2008  
Hobbs Time: 923.39  
Total Time: 5508.59  
Total Landing: N/A

Repair

Accomplished annual inspection IAW Title 14 CFR Part 43 Appendix D.

-AD77-13-21 Para B complied with by removing main gear bungees and installing new bungees P/N 8097. Performed landing gear operational test. **Next due at tach: 1423.39 or 09/01/2011 whichever occurs first.**

-AD's checked thru bi-weekly revision # 2008-17.

-Installed new Induction air filter P/N BA-3

- Installed new baggage door catch P/N A1663-028-1

- Removed nose fork assembly. Disassembled tube from fork. Tube repaired by United Plating (FAA Repair Station FA2R813K) on work order 19763 dated 11/01/2007. Assembled fork to piston. Reassembled nose gear using all new "O" rings and 1 ea. P/N AN174-27A bolt.

- Disassembled nose wheel and inspected tube, no leaks found. Reassembled nose wheel, torqued bolts and inflated to specified pressure. Reinstalled wheel on aircraft and torqued.

- Removed left brake caliper adaptor, installed new o rings 2 ea. P/N MS28775-011 and 1 ea. P/N MS28775-008 and reinstalled adaptor.

- Lubricated copilots control column bearings. Operated throughout travel

- Removed pilot and copilots foot pans, removed corrosion, etched, alodined, primed, painted and reinstalled.

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pair

- Stop drilled cracks on left wheel shroud.
- Removed fuel filter assembly, disassembled, cleaned and inspected. Pressure tested assembly for leaks—none found. Cut primer line and flared end. Reassembled fuel filter with new gasket P/N 85012-032 and reinstalled. Reconnected primer line. Torqued all attachments. And inspected for leaks.
- Removed loose interior wall insulation next to pilots seat and replaced damaged section with new insulation.
- Removed loose rivets in floor under pilots seat and installed 2 ea. P/N CR3243-4-3 Cherry Max rivets
- Removed loose rivets on inboard edge of spar on left hand stabilator and installed AN470AD rivets.
- Removed rod end from left gear door link and installed new rod end P/N W452-383. Torqued attachments.
- Fabricated and installed placards next to fuel fillers.
- Installed new left and right hand nose gear door push rods 2 ea. P/N APP24482-01. Installed new lower rod ends P/N APP469-138L Adjusted nose lading gear doors and torqued jam nuts. Performed function check of landing gear system. Operation normal.
- Removed bolts from rudder. Installed 2 ea. P/N AN4-13 to upper and middle locations and 1 ea. P/N AN24-23 to lower location. Torqued and safetied.
- Removed vertical U channel at aft cabin bulkhead (center). Removed damaged section at lower attachment. Fabricated repair from 2024T3 x 0.032" alclad, etched alodined, primed and installed using AN426AD3 rivets. Reinstalled U channel after repair.

Continued on next page:

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- Removed stringer from below battery shelf. Fabricated top hat stringer from 2024T3 x 0.025" alclad as per original. Cut out corroded section of skin. Fabricated flush patch and doubler from 2024T3 x 0.032" alclad and installed using AN426AD rivets. Referenced AC 43:13-1B figure 4-16 and page 4-26 Para 4-58 (e) (f). All parts were etched alodined and primed prior to installation.
- Removed avionics shelf, battery support shelf and disassembled. Fabricated avionics shelf from 2024T3 x 0.025" and reassembled using original reinforcement angles. All parts etched, alodined and primed prior to assembly. Painted under surface of shelf with acid proof paint. Fabricated battery support shelf as per original from 2024T3 x 0.032" alclad. Etched, alodined, primed and painted with acid proof paint. Installed 4 ea. P/N MS21061L03K nut plates. Reassembled shelves in aircraft.
- Removed battery box vents and exit tubes. Fabricated new exit tubes from 5052-0 x .375" tubing. Treated corrosion on skin. Fabricated external skin doubler from 2024T3 x 0.040" alclad. And installed. All parts etched, alodined and primed prior to installation.
- Air intake adaptor assembly repaired by fabricating doubler channels from 2024T3 x 0.032" alclad and riveting in place. Mounting flange (lower center) repaired by fabricating doubler from 2024T3 x 0.040" and riveting in place. All parts etched alodined and primed prior to assembly.
- Removed loose rivets from nose rib at skin lap joint on lower surface on left hand stabilator and replaced with Cherry Max rivets P/N's CR3213-4-2 and CR3243-4-2. Paint touched up.
- Removed supply and delivery hoses from brake actuator. Fabricated new hoses (2) from MIL-H-8794 using original fittings. Pressure checked, installed and torqued fittings. Bled brakes.

Continued on next page:



Continued from previous page:

- Removed ty-wraps from engine mount and replaced with MS21919DG adell clamps.

- Removed minor corrosion from engine mount, primed and painted.

- Plugged hole in firewall, copilots side with bolt and nut.

- Fabricated new engine compartment hoses from MIL-H-8794 using original fittings as follows: from firewall to electric fuel pump, from electric fuel pump to 4 way union, from 4 way union to fuel flow transducer, from electric fuel pump to mechanical fuel pump, (2) from engine to oil cooler, from 4 way union to fuel pressure transducer, hose from engine to line from firewall, from carburetor to firewall line. Fabricated fuel primer hose from MIL-H-5593 using original fittings. Hoses pressure checked and installed.

- Removed stabilators. Disassembled torque tube assembly. Cleaned, inspected, etched, alodined and primed all aluminum parts. Installed new torque tube and reassembled using the following new bolts: 1 ea P/N AN174-22A, 2 ea. P/N AN24-46A, 2 ea. P/N AN175-C33A and 4 ea. P/N AN174-C32A. Torqued all bolts and installed safeties where applicable. Verified stabilator and stabilator trim system operation and rigging. Adjusted weight & balance to reflect new torque tube weight. **NOTE:** New stabilator torque tube is owner produced part. See accompanying documentation on material specification MIL-S-4130(AMS6371/A519) from Factory Steel and Metal supply dated 04/13/2007. See accompanying documentation and from Hohman Plating (Certification to ISO/TS16949 and AS-9100B) for cadmium plating of part dated 08/18/2008. See accompanying documentation for weight calculation of old and new torque tube by Fies Scales & Systems Inc. (ISO 9001: 2000 Certified CO.) dated 08/21/2008.

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

Michael C. Dunkley  
A&P 2378026 IA



epair

ASA 1993



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

24387 Airport Road  
Coshocton OH 43812  
Phone: 740-622-6848

Registration: N6397P  
Manufacturer: Piper  
Model #: PA 24-250  
Serial #: 24-1507

Date: 09/01/2008  
Hobbs Time: 923.39  
Total Time: 5508.59  
Total Landing: N/A

Weight and balance adjustment due to installation of new stabilator torque tube:

New Basic Empty Weight: — 1727.07 LBS  
New Useful Load: — 1272.93 LBS  
New Basic Empty Weight CG: — 89.63"

New Weight and Balance form placed in Pilots Operation Handbook.

Michael C. Dunkley  
A&P 2378026 IA

*Michael C. Dunkley*

DATE 19__ 2010	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
SEP 22	942.2		5535.2	AIRCRAFT INSPECTED IAW FAR 43 APPENDIX D OPENED ALL ACCESS PANELS INSPECTED, LUBED AND CLOSED. C/W AD 68-13-03 FUEL CELL NO DEFECTS NOTED DUE AGAIN TAC 1046.2 C/W AD 75-12-06 FEN FWD SPAR NO DEFECTS NOTED DUE AGAIN TAC 1046.2 AD 77-13-21 PARA (a) DUE TAC 1405.5 PARA (b) DUE 1323.9. AD 97-01-01 R1 DUE 1405.5. REPLACED AIRCRAFT BATTERY, REMOVED RUDDER AND HINGE FITTINGS, DYE PENETRANT INSPECTION ON SPAR REVEALED NO CRACKS REPLACED AIR FILTER B2-3, PACKED BLASTINGS IN WHEELS, TACKLED RETRACTION CHECK NORMAL & LIMB BOTH GOOD. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION D. S. Kinsley ATP 2841546 Z.A.

[illegible]

N6397P

## Airframe Log

Date: 19 Oct 2011 Tac 964.4 TT 5550.4

Aircraft inspected IAW Far 43 appendix D using Comanche service manual as a guide. Opened all access panels inspected lubed and closed. ELT tested IAW Far 91.207 para D-1 thru D-4. Batteries due replacement July 2012. C/W A.D. 77-13-21 Landing gear para (b) by replacement of the Bungee cords PN 8097 from Superioring. Landing gear retraction test performed both normal and emergency, operations good. Lubed all grease points. Removed wheels and tires greased bearings. A.D. 68-13-03 not Due this inspection due at Tac 1046.2. A.D. 754-12-06 not due this inspection due at Tac 1046.2 A.D 97-01-01R1 not due this inspection due at Tac 1405.5. I certify this aircraft has been inspected IAW an Annual inspection and was determined to be in an Airworthy condition.

Derk E KJngrey A&P 2841546I.A.

Del & Xing

**ions**  
of Technician or Repair

DATE

19

Commander-Aero Inc. - **CRS-GA5R-876M**

10570 Springboro Pike Miamisburg, OH 45342 Phone 937-885-5580 FAX 937-885-5586

Repair

"I certify that the altimeter and static tests and inspection required by FAR 91.411 have been performed. The altimeter(s) per para (A) and (B) appendix E FAR 43."

Make: **United** Model: **5934P-1** S/N: **7F498**Has been tested to: **20,000** feet.Altitude reporting system has been tested to: **20,000** feet, per para (C) appendix E FAR 43.

"I certify the ATC transponder tests and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F."

Make: **Collins** Model: **TDR-950** S/N: **25373**

Details of this inspection are on file at this repair station under

W.O.#: **29043-05-2012** Date: **5-23-2012**Signed: 

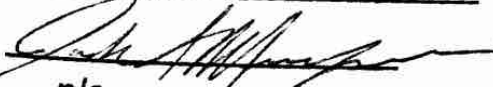
DATE

19

## Commander-Aero Inc. - CRS-GA5R-876M

10570 Springboro Pike Miamisburg, OH 45342 Phone 937-885-5580 FAX 937-885-5586

Altimeter(s) tested &amp; inspected per FAR 43, Appendix E.

Date: **5-23-12**S/N: **7F498**Inspector S/N: **n/a**

-1,000	-5
0	+5
500	+10
1,000	+5
1,500	0
2,000	-5
3,000	0
4,000	0
6,000	+5
8,000	+5
10,000	0

12,000	-5
14,000	-15
16,000	-25
18,000	-40
20,000	-50
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

-1,000	---
0	---
500	---
1,000	---
1,500	---
2,000	---
3,000	---
4,000	---
6,000	---
8,000	---
10,000	---

12,000	---
14,000	---
16,000	---
18,000	---
20,000	---
22,000	---
25,000	---
30,000	---
35,000	---
40,000	---
45,000	---
50,000	---

A/C 'N' No. **N6397P**W.O. No. **29043-05-2012**

air

N6397P

# Reference of Maior Repairs and Maior Alterations To

Date: 12 Nov 2012 Tac: 1018.4 TT 5604.4

ng Agency

Aircraft inspected IAW far 43 appendix D. Opened all access panels inspected lubed as required and closed. Elt inspected IAW 91.206 par D-1->D-4. Replaced Elt battery PN BP 2020 Due again Sept 2014. A.D. 68-13-03 fuel cell inspection was not due this inspection due at TT 5635.2. A.D. 75-05-02 Fin Fwd inspection was not due this inspection due at TT 5435.2. A.D. 77-13-21 Landing gear para (a) due at TT 5991.5 para (b) due Oct 2014. A.D. 97-01-01 R1 side brace stud due at TT 5991.5. A.D. 12-17-08 was not done this inspection per owners request. This A.D. Will be due no later than Tac 1118.4 TT 5704.4 100 hrs from Oct 22 2012. Removed wheels and tires packed bearings serviced tires. Replaced RH MLG down limit switch due to intermittent green light when wheels down. Gear lubed and checked both normal and emergency good. Replaced alternator drive belt PN 37B19774-325 due to uneven wear. Replaced aft alternator mount with a longer bracket to better align the alternator with the flywheel. Replaced air induction filter PN BA3. Removed the prop and replaced the prop O-ring PN A1633-11 and the crankcase seal PN LW13792P50 due to leakage. Reinstalled torqued and safety prop. I certify this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

Derk E Kingrey A&P 28415461.A

*Derk E Kingrey*

DATE  
19  
TOTAL  
TIME IN  
SERVICE

[illegible]

Reference of Major Repairs and Major Alterations To

N6379P

Airframe Log

ng Agency

Date: 11 Dec 2013 Tac: 1039.4 TT: 5625.4

Aircraft inspected IAW far 43 appendix D. Opened all access panels inspected lubed as required and closed. ELT IAW 91.207 para D-1 → D-4. Batteries due replacement Nov 2014. C/W A.D. 12-17-06 Stabilator horn assembly by Dye penetrate inspection no defects were noted. Due again TT: 6125.4 or Dec 2018 whichever comes first. Tail was reassembled using existing hardware, cable tensions set and saftied. A.D;s researched through T-Data Rev 2013-24. Repaired both MLG wheel well skirt cracks with patches. Replaced instrument filter RA1J10-1. Replaced air induction filter BA-3. Replaced starter with Hartzell engine tech PN PM1201 SN H-N100576. Jacked aircraft performed retraction test both normal and emergency. Lubed all gear points, removed wheels and tires packed bearings. Removed prop and replaced leaking crank seal PN LW13792P50 reinstalled prop with new O-ring torqued and saftied. I certify this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

Derk E Kingrey A&P 2841546 I.A.

*Derk E Kingrey*

DATE

19

TOTAL  
TIME IN  
SERVICE



## **HOVEY's Aviation**

Date: 28 April 2015

Model: PA-24-250

Total Time: 5732.15

Make: Piper

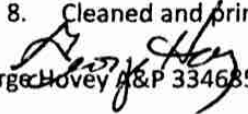
N#: N6397P

Serial #: 24-1507

Tach: 1063.93

Hour Meter: N/A

1. Installed Lycoming REBUILT zero time engine O-540-A1C5 s/n RL-24240-40E in this aircraft. See FAA Form 8130-3 under w/o MS-450688.
2. This engine was supplied with both magnetos, magneto harness, spark plugs, carburetor and engine driven fuel pump.
3. Replaced all oil and fuel hoses, oil sump drain valve, oil cooler, oil filter, all scat hoses, vibration shock mounts and attachment hardware.
4. Reinstalled the starter, alternator, alternator belt, alternator brackets, primer lines and primer jets after cleaning, oil filter adapter, exhaust system, McCauley 3 bladed propeller B3D32C412-C s/n 980538 after overhaul by Tiffin Aire under w/o 21883 and McCauley propeller governor DC290D1-B/T34 s/n 980141 under w/o 7561. See FAA Form 8130-3s.
5. Removed and reinstalled the engine mount P/N 21497-00 s/n 162862 after repair by Aerospace Welding under w/o 162862. See FAA Form 8130-3. Replaced all attachment hardware.
6. See engine and propeller logbooks for details.
7. Baffles painted, baffles seals replaced, and oil cooler oil hoses made by Derk Kingrey A&P 28415461. I installed.
8. Cleaned and primed firewall with epoxy primer paint.

  
George Hovey A&P 3346850 IA

[illegible]

6379P

## Airframe Log

Date 15 May 2015

Tac: 1064.9

TT: 5650.9

Aircraft inspected IAW far 43 appendix D. Opened all access panels inspected, lubed as required and closed. ELT IAW 91.207 Para D-1 → D-4. Replaced battery PN BP2020 Due again May 2017. Replaced LH Main tire 6X600. Installed E.Z. 440 heater on oil sump. Replaced manifold line from flexible line at engine to instrument. Replaced induction filter BA-3. Replaced 1 grease fitting on LH nose gear retract arm. Jacked aircraft retracted gear tested warning horn lubed all grease points. Locally fabricated new baffle in center aft position. C/W A.D. 68-13-03 Fuel cell due again 100 hrs TT: 5750.9. C/W A.D. 77-13-21 para (b) by replacement of bungee's. Due again May 2018. Para (a) due Tac: 1405.5. A.D. 97-01-01 R1 sidebrace stud due Tac: 1405.5. A.D. 12-17-06 Stabilator horn due TT: 6125.4 or Dec 2018. I certify this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

Derk E Kingrey A&P 2841546 I.A.

Deak & Kingrey

CASA 1993

DATE 19__	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange			
		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 Equipment <input type="checkbox"/> Removal of Required-Exchanged for Optional Equipment
					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional Equipment <input type="checkbox"/> Removal of Required-Exchanged for Optional Equipment
					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional Equipment <input type="checkbox"/> Removal of Required-Exchanged for Optional Equipment
					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional Equipment <input type="checkbox"/> Removal of Required-Exchanged for Optional Equipment
					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional Equipment <input type="checkbox"/> Removal of Required-Exchanged for Optional Equipment
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					<input type="checkbox"/> Addition of Optional Equipment <input type="checkbox"/> Removal of Optional Equipment <input type="checkbox"/> Addition of Required-Exchanged for Optional Equipment <input type="checkbox"/> Removal of Required-Exchanged for Optional Equipment

LOG CLOSED  
29 JUNE 2016

## FAA A.D.C COMPLIANCE RECORD FAR 91.173

Piper

N 6397P

## ENGINE

S/II	PROPELLER	S/N			
AF Number	Method of Compliance	Revision Date	Recurrent Date/Time	Compliance Date	Name and Certificate #
65-25-03	Nose gear link 96 C15	12-10-65	once time	Kit installed 7-29-66	
68-13-03	Fuel cell insp G14	3-5-69	Ext-102 hrs 331.4	3-22-97 231.4	
74-13-03	Stab bolt insp J22	4-30-76	3 yr-500 hr 1-7802 5030 FT	1-95 4580 TT	
75-05-02	Dil separator 98 B1	2-21-75	N-A	—	
75-12-06	Fwd Fin Spar Insp B21	6-5-75	150 hr 331.4	3-22-97 231.4	
77-08-01	Aileron spar insp 926	4-18-77	Kit 760-94 N-A	8-19-87	
77-13-21	Gear Insp PAR A Due 5471.7 TOTAL time	12-16-77	PAR A 1000 hr PAR B 500 hr OR 3 yrs	3-22-97 231.4 tach 24 731.402 3-2000	
79-20-10	Nose Rib Insp 99 J12	10-4-79	Kit 763-893 N-A	8-19-87	
97-01-01	Side brace Stud Insp AD95-20-07 102 E13	2-7-97	Due 1106.7	2-1-96 1066.7	
68-05-01	Muffler insp 96 F9	3-5-69	EA 500 hrs 281.4	3-22-97 231.4	
96-12-07	Magn Impulse Insp 7-18-96		EA 500 hrs Due 500 tach	8-15-95 - 0 - Tach	