

N813CT

Book #2

**AirMart.com**  
AIRCRAFT SALES & BROKERAGE



*The Standard*

**AIRCRAFT LOG**

ASA-SA-2

## Aircraft Record General Information

Manufacturer PIPER Model PA 28-181  
Serial 28-8590080 Registration Number N2501T  
Date of Manufacture 3-27-06 New N 813CT

### 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 \_\_\_\_\_

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

LONDON AIRCRAFT SERVICE CENTER, INC.  
150 Aviation Drive South  
Naples, Florida 34104  
TEL: (239) 643-4468

3364.1TT

REG. N25017 TYPE PA-28-181 TACH 905.1 HOBBS DATE 2/26/04

Troubleshoot charging system. Found alternator control unit at fault. Removed and replaced ACU P/N B-00371-1 S/N 1814 removed and S/N 80346809 installed. Charging system operation normal during ground run. This aircraft is released for return to service.

Patrick C. Dean  
WORK ORDER# 8757

SIGNATURE Patrick C. Dean

CRS# L3HR317N

7/2/04 TACH 988.5 CHECKED AND/OR SERVICED (LIGHTS,  
TIRES BRAKES BRAKE RESERVOIR, BATTERY AND  
CONTROLS. TIGHTENED SCREW ON COMPASS  
HOUSING. REPLACED RIGHT FUEL TANK  
DRAIN VALVE. 2483522 7/2/04 205334730

YEAR	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
LOG ID# 3801 21-July-2004 REF# 103148  
N25017 S/N 28-8590080 PIPER PA28-181 TACH 1009.9

Pg 1 / 1

REMOVED TURN COORDINATOR EGC 1394T100-3(5) S/N 7512-100.  
INSTALLED NEW EXCHANGE EGC 1394T100-7Z S/N F04-10701. RAMP CHECKED - ALL FUNCTIONS NORMAL.

Edward L. Redfield  
AP 79460730 EDWARD L. REDFIELD

7/23/04  
Date

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
LOG ID# 3795 21-July-2004 WO# 103190/1 AC TT 1009.9  
N25017 S/N 28-8590080 PIPER PA28-181

Pg 1 / 1

REMOVED ATTITUDE INDICATOR KG-258 P/N 060-00020-0003 S/N 9773.  
INSTALLED OHEX KG-258 P/N 060-00020-0003 S/N 10593.

Allen Overlander  
2483522 ALLEN OVERLANDER  
7/21/04  
Date

YEAR:	RE TA TII	Iterations Number of specific entries.)
DATE		
<b>PREMIERE AVIATION</b> <small>GROUP, LLC</small>		
900 Mitchell Field Road Bessemer, AL 35022		
<b>REGISTRATION:</b> N25017 <b>MODEL/SERIAL:</b> PA-28-184 / 8590080 <b>TACH:</b> 1038.0		
<hr/> <ol style="list-style-type: none"> <li>1. Removed and replaced vertical stab. tip skin with new part #63513-00.</li> <li>2. Replaced rudder skin with new part # 63396-802.</li> <li>3. Replaced left wing outboard skin and outboard rib. Part # 35515-02.</li> <li>4. Replaced left aileron skins and outboard rib. Part # 35640-802, 35640-804 &amp; 35640-012.</li> <li>5. Replaced left flap skin part # 65592-00 &amp; 65587-00.</li> <li>6. Replaced left wing tip part # 36739-812.</li> <li>7. Replaced left strobe light assembly.</li> <li>8. Replaced upper tail cone halve part # 66822-08.</li> <li>9. Replaced left lower empennage skin part # 99471-02.</li> <li>10. Replaced vertical stab tip fairing part # 38222-00.</li> <li>11. Replaced left wing outboard leading edge skin part # 35118-049.</li> <li>12. Reassembled wings and flight controls, rigged per maintenance manual.</li> <li>13. Replaced fuel selector with new.</li> <li>14. Replaced nose landing gear axle part # 88063-56.</li> </ol> <hr/>		
Cont.>		

YEAR: 2004  
1  
1

<Cont.

15. Replaced nose wheel bearings.
16. Replaced left main tire.
17. Replaced pilots & co-pilots control yoke U joints part # 62834-02.
18. Inspected ELT per FAR 91.207(d). *Feb 2004*
19. Replaced carb heat SCAT hose.
20. Installed new instrument air filter.
21. See FAA 337 form dated 12-21-2004 for sheet metal repairs.

All above work was performed in accordance with current FAR regulations and pertinent manuals. I certify that this airframe has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition.

SIGNATURE *Kevin W. Williams*  
Kevin W. Williams

DATE 12/21/2004

LIC # IA 420067612

**Alterations**  
e Number of  
specific entries.)

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, etc.</b>
DATE				Entries must be endorsed with Name, Rating and Technician or Repair Facility. (See back pages for other spe...

MODEL PA28-181

S/N 28-8590080

REG. NO. N25017

ORLANDO AVIONICS CORP, DBA  
ORLANDO

**Aircraft** SERVICES

EXECUTIVE AIRPORT • P.O. BOX 140741  
ORLANDO, FL 32814  
TELEPHONE: (407) 894-9963

DATE 03-02-05

T.T. 1055.7

HOUR/M —

The ATC Transponder Test and inspections required  
by FAR 91.413 were performed this date and  
found to comply with FAR 43, Appendix F.

Make KING Model KT-76A S/N 86979

Make — Model — S/N —

Details of this inspection are on file at this

repair station under W/O 104118 Date 03-02-05

ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station # TP4R552M

601 Humphries Avenue

Orlando, FL 32803 (407) 894-9963

*all all*

The altimeter system test and inspections required  
by FAR 91.411 were performed this date and found  
to comply with FAR 43, Appendix E.

- 1) The static pressure system was tested on 3-2-05
- 2) The altimeter (s) instrument was / were tested to

20000 ft. on 03-02-05 (pilot/co-pilot)  
3) The automatic pressure altitude reporting system

was tested to 20000 ft. on 03-02-05

ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station # TP4R552M

601 Humphries Avenue

Orlando, FL 32803 (407) 894-9963

*all all*

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2005				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
5/23	1090.4			Lubed controls. Serviced battery w/ water. Serviced Tires w/ air. Checked brake fluid. Checked lights & stall horn operation. El. and Pneu. A&P 2946020
9/13/05		TACH 1145.2		CHEKED AND/OR SERVICED LIGHTS, TIRES, BRAKES, BRAKE RESERVOIR, BATTERY AND CONTROLS.
				<i>PPR PDR A&amp;P 3038109</i>

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL  
LOG ID# 4245 27-June-2005  
N25017 S/N 28-8590080 PIPER PA28-181 TACH 1108.2  
Pg 1/1

REPLACED NOSE GEAR STRUT INTERNAL SEALS, AND RE-SERVICED NOSE GEAR WITH H-5606 HYDRAULIC FLUID AND NITROGEN. LEAK CHECK GOOD.

-END-

*Albert Rodriguez* 6/27/05  
A&P 2630954 ALBERTO RODRIGUEZ Date

ORLANDO AIRCRAFT  
LOG ID# 4609 24-January-2006 ACT 113041.4  
N25017 S/N 28-8590080 PIPER PA28-181 TACH 1182.1  
JO FL  
Pg 1/1

OPENED PANELS AND INSPECTED AIRCRAFT I.A.W. PIPER PA28-181 INSPECTION REPORT. REPLACED LEFT FORWARD WINDOW AND REPLACED VENT WINDOW SEAL. INSPECTED ELT UNIT I.A.W. FAR 91.207(d) - BATTERY EXPIRES MARCH, 2009. C/W AD 76-07-12 BY OPERATIONAL CHECK. INSPECTED STANDBY VACUUM SYSTEM I.A.W. PRECISE FLIGHT CONTINUED AIRWORTHINESS 3.3.2. C/W AD 95-26-13 BY REPLACING OIL COOLER HOSE WITH TS0-C53A TYPE D HOSES - AD DU AGAIN AT 2182.1 TACH TIME OR 2014. TIGHTENED NUT ON OVERHEAD FLOOD LIGHT RHEOSTAT. CLEANED CONTACTS ON LEFT AFT NAV LIGHT. REPLACED ONE BOTTOM COWLING GROMMET. REPLACED OIL PRESSURE COPPER LINE FROM ENGINE TO FIREWALL. REPLACED BRACKET AIR FILTER ELEMENT. RESET CABLE TENSIONS ON STABILIZER, RUDDER, AND AILERONS. REPLACED TWO (2) INSTRUMENT LIGHTS ON LEFT PANEL. REPLACED LEFT SUNVISOR. SWUNG COMPASS AND INSTALLED CARD. SERVICED LEFT STRUT WITH NITROGEN. REPLACED VARIOUS SCREWS AND NUTPLATES AS NEEDED. RESECURED COWLING CHAFE STRIP AS NEEDED. ADJUSTED TENSION ON ALTERNATOR BELT. REPLACED MUFFLER INLET SCAT HOSE. REBUCKED TWO RIVETS ON VERTICAL STABILIZER AT LEFT BOTTOM.

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED I.A.W. AN ANNUAL INSPECTION, AND WAS APPROVED FOR RETURN TO SERVICE.

*Michael Everhart*  
A&P 3038109 EA MICHAEL EVERHART Date

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## Crider Aircraft Painting, Inc.

104 Airport Lane \* M39 P.O. Box 318 Mena, Ar 71953

3-29-06 Piper PA-28-181 S/N 28-7790417 N813CT-new WO#1387

This aircraft stripped and repainted according to aircraft manufacturer's specifications and paint manufacturer's recommendations. Removed old registration N25017 and applied new registration N813CT. Flight controls removed, balanced and reinstalled in accordance with Piper PA-28-181 Series Maintenance Manual. Installed new steering horn with new part from Piper P/N 63300-08.

Paint Brand; US Paint Alum-Grip, Sherwin-Williams Jet-Glo.

Base: Matterhorn White G8003

Trim: Aristo Blue 00412, Antique Silver 10491

For Crider Aircraft Painting, Inc.

*Roger Crider*  
Rodger Crider

A&P 431330896

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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972-250-2403	Airframe	Addison, TX 75001
June 26 2006	N813CT	Piper PA28-181
Tach: 1212.6	TT:	S/N 28-8590080 WO# 3126 H- Pg 1 of 1
1. Replaced LFT FWD Trim Cable and set cable tension P/N 32701-111		
2. Replaced friction washer on cable pulley loosened tension on clutch & set clearance P/N 494-159		
3. Installed pulleys and set cable tension at jackscrew, set for correct trim cable travel. P/N Ms-24566-1B MS21266-1		
Signed <i>Juan Oviedo</i>	3031449IA	
Juan Oviedo		
End	END	END
	END	END

YEAR:

RECORDING

YEAR:

RECORDING

TACH

TIME

TODAY'S

FLIGHT

TOTAL

TIME

IN

SERVICE

**Description of Inspections, Tests, Repairs and Alterations**

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

DATE

**MID ISLAND AIR SERVICE**  
LI MACARTHUR AIRPORT  
Ronkonkoma, New York 11779  
Phone: (631) 588-5400

A/C Reg. No. N813CT  
Tach Time 1241.0  
A/C Serial No. 28-8590080  
Date: 9/22/06

Replaced EGT probe P/N C668501-0204 performed ground run operational checks-satisfactory

Auth. Signature: John ColucciCertificate# AP113626668YEAR: 1-26-07RECORDING  
TACH  
TIMETODAY'S  
FLIGHTTOTAL  
TIME  
IN  
SERVICE

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.)

Routine Annual inspection accomplished

Battery serviced

Tires serviced: Mains and nose

Brakes serviced master cylinder

ELT due date March 2009 FAR 91.207(d) due each year - Remote  
battery due March 2009. - Accomplished

A new upgraded AIRFRAME AID list was created

The following AID's need to be addressed

AID 97-116-10 RAPCO clear instrument air filter - DNA not  
installed.

AID 98-14-CB KT76A transponder transponders S/N: 93,000-  
109,999 - DNA by serial number of unit in aircraft. - 86a,479.

AID 98-21-21 Bob fields electronic door seals - DNA not  
installed.

AID 98-23-D Vacuum pump drive coupling, small pump -  
DNA not installed.

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1-26-07				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				A/I D 98-25-10-R1 Aircraft Belts, Inc. seat belt buckle tang - DNA by belt manufacturer.
				A/I D 99-24-10 SVS stand-by vacuum system - DNA has SVS V upgrade, 11-1-02, serial # 2005016562H.
				A/I D 2001-14-51 UPS Aviation Technologies Apollo SL30 VTF/NAV COMM radio - DNA not installed
				A/I D 2001-23-17 Garmin GNS 430 - DNA not installed
				A/I D 2002-26-14 Kiddie Halon fire extinguisher - DNA not installed.
				A/I D 2004-08-16 Navco at 150 transponder S/N 10,000-12,598 - DNA not installed
				A/I D 2004-10-15 Garmin GTX 330/330D transponders Superseded by A/I D 2005-01-19 - DNA not installed.
				A/I D 2004-13-20 Garmin AT/UPS Aviation Apollo GX 50/55/60/65 GPS - DNA not installed
				A/I D 2005-01-19 Supersedes A/I D 2004-10-15 Garmin GTX 33,33D.

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1-26-07				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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				330,330D transponders - DNA not installed
				A/I D 2005-11-05 Precise flight SVS1, SVS1A stand-by vacuum system - DNA has SVS V
				A/I D 2005-25-08 Shadin air data computers incorrect altitude - DNA not equipped
				Re-occurring airframe A/I D's are as follows
				A/I D 74-7-12-R1 Bendix ignition switch due @ 100 hours - Complied with by ops check.
				The Following corrective actions were taken
				Nose tire is worn - Replaced tire with new 1000x6, 10ply Michelin Condor tire. Cleaned, inspected and greased wheel halves and bearings
				Both right and left lower engine mounts bolts through the firewall are loose - Gained access to bolt heads and re-torqued bolts as needed. Torque checked remaining two.
				Lower cowling fiberglass is broken where the exhaust stack

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comes through. - Fiberglass repair accomplished.  
 lower cowl right side top fire blanket is falling off. Needs to be secured. - Accomplished, secured blanket to cowl  
 lower cowl induction seal is torn with pieces missing. - Drilled out old seal, retainer assembly and replaced induction seal with Piper new. Secure with rivets, same as removed.  
 Top cowl fire blanket right side is missing. left side is falling off - Spliced in missing fire blanket and secured loose rivets.  
 Left pilot side seat belt attach bolt through sidewall is finger tight. Belt is also positioned in the wrong place. Sidewall belt should be on inner mount - Repositioned pilot and co-pilot seat belts to the proper mount positions and secured all bolts. Installed missing bushings to the sidewall mount  
 Overhead dome light lens is missing - found bulb dead, relamped. Op's checked and installed Piper new lens cover.  
 Overhead pilot vent control rod, plastic is broken. - Removed

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cable and plastic panel. Repaired as was needed. Installed, rugged, and op's checked OK  
 Overhead rheostat spins free in ceiling. Found wires hooked up incorrectly. Rewired, tightened switch. Op's checked okay. Mounted ceiling light panel.  
 Compass light overhead dome light and instrument overhead rheostat light are all in-op. - Rewired as needed.  
 All instrument panel background lights are in-op. Panel placard lamp Nav light switch are all in-op - Wring out electric schematics and found Piper nav switch burnt out, two transistors burnt, wiring cut, disconnected, unplugged. Rewired dash, instrument, overhead panel and Nav light circuit as needed. Removed external switch, installed Piper new. Installed new transistors, replaced bulbs as needed. Op's checked all lights functional.  
 Cabin air fan switch is in-op in any position - Removed entire fan blade assembly and motor attached. Found one set

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1-26-07 DATE				

of brushes stuck to armature. Repaired as needed and op's checked. fan both positions on bench. Checked OKay. Remounted fan and blower assembly in ceiling of fuselage

Fuel selector valve off lock tab is stuck in the down position - Disassembled side wall plate, freed and safety catch op's checked OKay. Installed fuel selector plate.

Both seats are difficult to move - lubricated and worked fine.

Left pilot side sunvisor is cracked and doesn't stay in position selected, also falls off shaft. - Installed Piper new sunvisor assembly. Transferred brackets, painted brackets to match new visor. Also painted to match co-pilot sunvisor.

Left wheel pant needs fiberglass repair, touch up paint chip nose pant also - Accomplished

Left wheel pant missing fasteners. - installed as needed.

Left gear lower scissor link bolt spins, finger tight. - Retorqued

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1-26-07 DATE				

Under air load, pilot has difficulty achieving 3<sup>rd</sup> notch of flap - Could not duplicate. Suspect position of consol. Reseted consol.

During ground handling, the nose gear turn radius seems to tight. Nose step right side does not touch at full travel. - In accordance with the Piper maintenance manual the nose gear assembly was rigged and found to be improper. Rigged to full travel per mfg. Taxi checked, okay

Both right and left passenger side window leats. Need to be sealed from inside of aircraft. - Sealed from both inside and out.

TAIC - 8722  
TACH - 1263  
SMOT - 441  
JEN - 3497  
PropIT - 537

I CERTIFY THAT THIS AIRCRAFT HAS  
BEEN INSPECTED IN ACCORDANCE WITH AN  
Annual INSPECTION AND DETERMINED  
TO BE IN AN AIRWORTHY CONDITION.

*John*  
IAT# 234465

A & P AIRCRAFT MAINT. INC.  
MACARTHUR AIRPORT  
RONKONKOMA, N.Y. 11779  
631-588-7771

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2-1-07				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Install new front right door trim plastic panel - Accomplished. Door assembly removed. Disassembled top plastic panel from door and installed new cabin door interior plastic assembly. Trimmed to fit. Transferred handles, installed door assembly. Aircraft released for service.

TTAIC- 3723

TACH- 1264

SMOT- 442

TTENG- 3495

PropT- 538

A & P AIRCRAFT MAINT. INC.

MACARTHUR AIRPORT

RONKONKOMA, N.Y. 11779

631-588-7771

A&P # 2134465

4-26-07

Rudder trim full left seems as if handle is going to screw out. Must fly left rudder with trim to full left in order to hold aircraft straight and level - In

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
4-26-07				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

accordance with the Piper maintenance manual the entire rudder trim and rudder system was brought to neutral trim position and rigged from the rudder to the nose gear steering. Flight checked and found ok.

Manual elevator trim is too stiff to operate - Inspected cables, pulleys, jackscrew and spindle. Lubricated and worked system several times. Need further flight to determine if trim is okay. Previous leg entry 1-26-06 indicates replacement of trim cable, friction washer, pulleys and set tensions without further flight review system cap's checked on ground okay.

TTAIC- 3736

TACH- 1271

SMOT- 455

TTENG- 3508

PropT- 551

A & P AIRCRAFT MAINT. INC.

MACARTHUR AIRPORT

RONKONKOMA, N.Y. 11779

631-588-7771

A&P # 2134465

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9/19/07 Piper PA28-181 S/N8590080 N#813CT  
Tach Time 1302 hrs

Serviced both main gear struts fluid, nitrogen charge.  
Work performed for Interstate Aviation Inc. Plainville, CT. 06062

Signed  Kurt Tomolonius 41649355 I.A.

AIRWORTHY  
AIRCRAFT SALES & BROKERAGE

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3-7-08 1303.0

N813CT  
TTA 3762.0  
PIPER PA28-181

3-7-08  
TACH 1303.0  
S# 28-8590080  
REMOVED ACCESS PANELS, LUBED CONTROLS, REPAIRED BATTERY BOX AND  
INSTALLED A NEW COVER ASSEMBLY, SERVICED A NEW GIL G-35 BATTERY, S/N  
G02357932 AND INSTALLED, CHECKED LIGHTS, RESEALED ALL BRAKE MASTER  
CYLINDERS, SERVICED BRAKE RESVIOUR, CLEANED FUEL SCREEN, SERVICED  
TIRES AND REPACKED WHEEL BEARINGS, GREASED GEAR, C/W FAR 91.207  
INSPECTION OF ELT, REPLACED REMOTE BATTERY, REPLACED ELT BATTERIES  
NEXT DUE 9-2010. REPLACED PILOTS PTT SWITCH, REPLACED PILOTS YOKE  
AUTOFLIGHT IDENT SWITCH, REPLACED BRACKETT AIR FILTER, REPLACED FUEL  
CAP GASKETS, REPLACED RIGHT MAIN FUEL TANK VENT TUBE  
ASSEMBLY, REPLACED LEFT FLAP ACTUATOR ROD, REPLACED RIGHT MAIN  
UPPER GEAR BRAKE HOSE SUPPORT, REPLACED PILOTS SEAT HEIGHT  
ADJUSTER/ SPRING, REPLACED THE FOLLOWING LEFT LOWER WING MAIN SPAR  
BOLTS, C-2, C-3, B-2, B-3, B-1, REPLACED STAB CABLE ATTACH HARDWARE,  
CHECKED AD'S, C/W AD 95-26-13 ON OIL COOLER HOSES BY VISUAL INSPECTION  
NO DEFECTS FOUND, REPLACED ALL AILERON ATTACH SCREWS P/N MS27039C1-  
10, REVIEWED PREVIOUS AD LIST AND FOUND IT TO BE CURRENT.  
WORK PERFORMED FOR INTERSTATE AVIATION 62 JOHNSON AVE PLAINVILLE  
CT.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN  
ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY

JOSEPH A BURDZY 111  
AP10750011IA



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

N#: 813CT

WO#: A08-1267

DATE: 7/30/2008



FAA REPAIR STA.

#RSUR804H

VARS-115

Replaced the overhead cabin speaker with new speaker P/N 5C3FR. Cabin speaker ramp checked good.

End.

Signature:

Cumberland Avionics, LLC FAA certified repair station #X24R306X  
210 Tune Airport Drive Nashville, TN 37209

REG NO:N813CT

DATE:08/05/08

MODEL #:PA-28-181

TACH:1473.6

S/N:28-8590080

HOBBS:

Airframe Log

Overhauled whiskey compass IAW Airpath M.M.

This aircraft and/or component identified above was repaired and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this repair station under work order 2730

Signed:

DATE: 08/05/08

YEAR:

DATE

AIRCRAFT- PA28-181  
TAIL NO.- N813CT  
TACH. TIME- 1527.2

Attalor: chris S/N 8590080-1  
SN: U74687

Encoder: Nanco A2-8570  
u11007

WRISTON AVIATION F.A.A. C.R.S. R2FR683J

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEMS TEST AS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E. THE ALTIMETER WAS TESTED TO 20,000 FEET ON 4/22/09. PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. 090422 DATE 4/22/09 SIGNED FOR WRISTON AVIATION C.R.S. No. R2FR683J

I CERTIFY THAT THIS TRANSPONDER MAKE h MODEL UT76A S/N 36479 AS INSTALLED IN THIS AIRCRAFT HAS BEEN TESTED AS REQUIRED BY FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX F ON THIS DATE 4/22/09 TACH 1527.2 PERTINENT DETAILS OF THE TEST ARE ON FILE AT THIS AGENCY UNDER WORKORDER NO. 090412 DATE 4/22/09 SIGNED FOR WRISTON AVIATION C.R.S. No. R2FR683J

(214)212-0499

Iterations  
Number of  
specific entries.)

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

05/01/09 Airframe N813CT S/N 28-7690261. Tach Time 1527.2. Total Time Airframe 3986.2. Replaced L/H, R/H and Nose tire; Replaced L/H and RH main wheel outer bearings and races. Replace R/H wheel brake linings. Serviced brake fluid and Bled breaks. Removed LH and RH elevator tips, repaired cracks, painted to match and re-installed. Diagnosed electric trim system fault and adjusted electric trim friction clutch tension. Overhauled compass. Serviced battery. Tested ELT. ELT batteries due 09/2010. Transponder / Static system test performed by Wriston Aviation. Removed all inspection panels. Lubricated flight controls, flight surface hinges and landing gear scissors. Greased Wheel bearings. Inspected airframe in accordance with FAR 43 appendix D. Reinstalled inspection panels. Checked AD's through this date. Re-installed inspection panels. I certify that this airframe has been inspected in accordance with an ANNUAL inspection and has been determined to be in airworthy condition.

*Steve Manly*

A&P 3053755 IA

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

04-14-2010 Tach Time 1542.5  
N813CT  
PA28-181 S/N 8590080

The Gill aircraft battery was serviced in accordance with Teledyne Battery Products document Q01-1120 Service Manual Chapter 7.

Russell Martin  
A&P 2798096 IA



YEAR:	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.)
DATE				

N813CT  
Piper Archer, PA-28-181 S/N 28-8590080 ✓  
06-09-2010 Tach: 1542.8 Total Time: 4001.2

This Aircraft was inspected in accordance with an Annual inspection, Piper PA-28-181 Maintenance Manual, P/N 761 679, Chapter 5-00-00 thru 5-51-00 and FAR Part 43 Appendix D, in Scope and Detail of Items applicable to this Particular Aircraft. Battery corrosion was cleaned and treated in the battery box shelf area. The Gill aircraft battery was serviced in accordance with Teledyne Battery Products document Q01-1120 Service Manual Chapter 7. The ELT was inspected to comply with FAR 91.207(d), in accordance with Chapters 7 and 8 of the ACK E-01 Operation Manual, CAI and the ICA. The battery replacement, P/N Duracell 1300MN, is due 09-2010. One each required cockpit placard (power setting limitation) was fabricated and installed. The Brackett Induction Filter Element, P/N BA-3, was replaced in accordance with Brackett Air Filter Document I-194, and the installation was inspected for compliance with STC SA693C. The vacuum regulator filter, P/N B3-5-1, was replaced. The brake system was serviced with 5606 hydraulic fluid and inspected for proper operation. All landing gear oleo struts were serviced with nitrogen. The alternator belt, p/n 73965-015 (gates 9335) was replaced. The aircraft was ground-run and inspected for performance criteria and any fluid leaks. The SVS V was inspected in accordance with The SVS V installation manual number 08074, chapter 3, ICA. All **Airworthiness Directives**, new and recurring, and Component inspection and certification requirements were complied with and recorded as indicated in an attached report. This Aircraft was found to be in an airworthy condition and returned to service.

Russell Martin  
A&P 2798096 JA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
July 13 2011				<p>Tach 3359.9 (4017.3 II)</p> <p>Air Craft Inspected In Accordance with Annual Inspection. All Wing Internal Structures - Aileron &amp; Flap Hinges &amp; Controls, fuselage structures &amp; fittings - cleaned up Corrosion around Battery box Area - All Control cables - pulley fairleads etc Inspected &amp; lubed. All Titles, Aileron mount, struts, staff working - Brakes, tires, struts, Fly &amp; levers, Instruments etc Inspected for good operation.</p> <p>I Certify that this Airplane has been Inspected in Accordance with Annual Inspection and was determined to be in a worthy Condition</p> <p>For Prop I A 1639846</p>

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
October 2 <sup>nd</sup> 2012				<p>T Certify that This Aircraft has been Inspected In Accordance with Annual Inspection and was determined to be in Airworthy Condition</p> <p>For Prop I A 1639846 AD 95-216-13 C/W by Inspection checked AD 2010 C/W, by measuring shaft Expansion and determining that it meets all requirements. Prop 1639846 2<sup>nd</sup> AD 2010-15-10 Control Wheel shaft C/W. For serviced nose gear by Refilling with Hydraulic Fluid &amp; pressuring up to proper length. Tested ELT for good operation, checked all cables, pulleys, Brake pads, Brake fluid, tires/pressure, all wing and Fuselage structures, titles, struts, lubed all points of wear, checked seat adjusting holes in tracks for excessive wear, checked Propeller for AD nits, nicks etc. Airplane meets all requirements of Annual Inspection</p>

ADD 28.0 TO TASK HOURS FOR A/F T

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)			
6-5-13	NEW Tach 4053.0 (OLD Tach 3393.8) (AIRFRAME TOTAL TIME 4081.0) ADD 28.0 HOURS TO NEW TACH TIME FOR A/F TT REPLACED TACH with NEW mitchell Tach set to 4081.0 AND NEW TACH CABLE AND HOUSING. OPS checked OK.	4053.0		Yerliu Alouca AEP 20557082
6-27-13	4055.4	4083.4		RE-CONNECTED POWER WIRE TO UPPER INSTRUMENT LIGHTS. OPS CHECKED OK. REMOVED BATTERY. NEUTRALIZED ACID, REMOVED CORROSION, ZINC CHROMATE PRIMER AREA, ACID PROOF PAINT APPLIED, RE-INSTALLED BATTERY BOX AND BATTERY. REPLACED VENT BLOWER MOTOR with NEW. PART NU 475-210. OPS CHECKED OK. AD 2013-2-7-13 DATED 3-11-2013(g)(1) HORIZONTAL STABILATOR CONTROL CABLES INSPECTION IS <u>DUE</u> A NEXT <u>thorough</u> INSPECTION. UPDATED AD LIST in SEPARATE FOLDER.

**Repairs and Alterations**  
and Certificate Number of  
(for other specific entries.)

NG  
PEN

Removed Garmin GNC 250XL GPS/Comm & the associated King KI-202 Nav Indicator. Installed Garmin GNS430 GPS with GI-106A GPS/Nav indicator. This is a minor alteration.

Reg\_N813CT 7/23/2013 Tach\_4057.1  
FAA - V9JR020Y Art V. A W.O. 168

PE

Tests and inspections per FAR 91.411 & 91.41 have been performed to maximum altitude of 15,000 feet. The system was found to comply with the requirements of Part 43 App. E. & F. Details are on file at this repair station.

Reg\_N813CT Mod#KT76A s/n\_NR  
Date\_7/23/2013 Tach\_4057.2 Insp\_Art V.  
FAA CRS V9JR020Y W.O. 1686



N813CT

Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Removed the nose strut and replaced seals p/n 485-315 and MS28775-224. replaced strut valve. reinstalled the nose strut and retaining ring. Serviced the strut with hydraulic fluid 5606 and nitrogen in accordance with the PA-28-181 maintenance manual. Replaced oil filter o-ring p/n 75736. Serviced the tires with air.

Kevin R. Pinger A&P LA 3236526

N813CT

Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Performed **50 Hour Inspection** of the aircraft using the Piper PA28-181 Maintenance Manual 50 hour checklist as a guide. Checked interior and exterior lights. Replaced the brake caliper o-rings p/n MS28775-111 (qty 2). Inspected tires and brakes. Serviced the tires with air and serviced the brake master reservoir. Replaced the brake linings p/n 066-10500 (qty 8). Taxi conditioned the linings. Serviced the nose strut with hydraulic fluid 5606 and nitrogen. Performed engine run up, leak and indication check, all parameters appear normal.

Kevin R. Pinger A&P LA 3236526

N813CT

Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Replaced vacuum pump with overhauled p/n AA215CC s/n 04XM19.

Kevin R. Pinger A&P LA 3236526

3/25/2014

TACH: 4120.3  
TTA: 4094.5

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N813CT

Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Performed **Annual Inspection** of the aircraft using the Piper PA28-181 Maintenance Manual 100 hour checklist as a guide. **Tested ELT in accordance with FAR 91.207 (d), battery replacement due JUL/2015.** Compied with **AD76-07-12** Bendix ignition function check, okay, next due Tach 4280.8. Checked interior and exterior lights. Replaced left position light p/n 34-0412070-63. Replaced primer o-rings p/n MS29513-012 (qty 2). Jacked up the aircraft and inspected struts, gear attach bolts, tires, brakes, and disks, serviced the tires with air. Replaced the vacuum relief filter p/n ARB3-5-1. Inspected the wing attach bolts and flight controls. Lubricated the aircraft in accordance with the lubrication schedule. Lubricated the trim drum and servo. Serviced the front strut with hydraulic fluid and nitrogen. Installed missing interior placards, door latch before flight and open/close. Replaced gas cap seals.

Inspected the battery terminals and serviced/charged the battery. Serviced the brake master reservoir. Inspected the firewall and motor mount and bushings. Inspected the exhaust and removed/reinstalled the exhaust shroud, no defects noted. Airworthiness Directives current through **Bi-weekly Revision 2014-24.** Performed run up, power and indication check, all parameters appear normal. I certify I have inspected this aircraft in accordance with an **Annual Inspection** and found it to be in an airworthy condition. This aircraft is returned to service.

Kevin R. Pinger A&P LA 3236526

12/12/2014

TACH: 4180.8  
TTA: 4208.8

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11/10/2014

TACH: 4171.4  
TTA: 4199.4

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NS13CT  
Piper PA28-181  
Serial No. 28-8590081

### *Airframe Entry:*

- Replaced hobbs meter p/n 56457-3.

West Valley Aircraft Services, Inc.  
Embarcadero Rd. Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0963

4/14/2015  
TACH: 4222.9  
TTA: 4250.9

## Alterations

PENINSUL

Tests and inspections per FAR 91.411 & 91.413 have been performed to maximum altitude of 15,000 feet. The system was found to comply with the requirements of Part 43 App. E. & F. Details are on file at this repair station.

Reg\_N813CT Mod# KT76A s/n\_NR 1  
Date\_7/29/2015 Tach\_4269.2 Insp\_Art V.  
FAA CRS V9JR020Y W.O. 2069

481367  
Piper PA28-181  
Serial No 28-3590081

### *Airframe Entry:*

Performed 50 Hour inspection of the aircraft using the Piper PA28-181 Maintenance Manual 50 hour checklist as a guide. Checked interior and exterior lights. Inspected tires and brakes. Removed Pitch Trim Servo and repaired so solenoid releases clutch mechanism for manual trim operation. Reinstalled Servo and trim cable and set cable tension in accordance with the Piper Pitch Trim Service Manual. Performed manual and electric trim operational check. Repaired right engine baffling between cylinders 1 and 3. Removed #2 radio KX155 for repair. Updated weight and balance and equipment list and installed in POH. Tested EGT probe and gauge operational check. Ignition

Kevin R. Pinger, 483744, 3236570

NS15CT  
Piper PA28-181  
Serial No. 28-8590080

### Airframe Entry:

- Removed KR86 ADF p/n 066-1038-00 s/n 28821. Reinstalled #2 Comm KX155 s/n 51250. Updated AFM weight and balance report.

West Valley Aircraft Services, Inc.  
Embarcadero Rd., Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0963

7/22/2015  
TACH 4265.0  
TAN 4293.0

NS13CT  
Piper PA28-181  
Serial No. 28-8590080  
*Airframe Entry:*  
Straightened and cold formed right  
tip p/n GF35115-01 with all fastener

West Valley Aircraft Services, Inc.  
115 Bareuddero Rd, Hangar B, Palo Alto, CA 94303  
(tel. (650) 565-0063)

1952-3  
TAC-171  
178-12997

Straightened and cold formed right outboard leading edge. Fit and installed new FAA/PMA right wing tip p/n GF35115-01 with all fasteners.

Kevin R. Pinger et al. / *J. Bus. Ethics* 33:2565-26

N813CT

Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

**DA** This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated September 18, 2015.

  
Kevin R. Pinger A&P #A 3236526

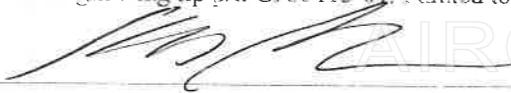
N813CT

Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Replaced right outboard leading edge skin p/n 35118-847, drilled, trimed, and fit skin, installed in accordance with the Piper PA28-181 maintenance manual and AC43.13-1B, installed outboard forward rib p/n 35615-003 and strap p/n 35615-005, and stiffeners p/n 35641-007 and 35641-009. Fit and installed new FAA/PMA right wing tip p/n GF35115-01. Painted to match.

  
Kevin R. Pinger A&P #A 3236526 LA

N813CT

Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Removed ACK E-01 s/n 021733 due to case cracks and battery replacement in accordance with FAR 91.207 (f)(10). Panel placarded "ELT NOT INSTALLED".

  
Kevin R. Pinger A&P #A 3236526 LA

9/19/2015

TACH: 4271.2  
TTA: 4299.2

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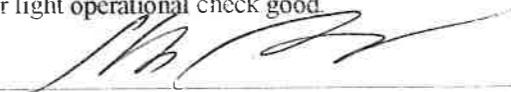
N813CT

Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Complied with AD76-07-12R1 Bendix ignition switch function check, okay, next due in within 100 Hours Tach 4380 or Annual Inspection. Replaced right wing tip aft navigation insulator p/n 02-0350260-00. Exterior light operational check good.

  
Kevin R. Pinger A&P #A 3236526 LA

10/16/2015  
TACH: 4273.1  
TTA: 4301.1

N813CT  
Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Replaced main battery with new RG35AXC s/n 40759319.

  
Kevin R. Pinger A&P #A 3236526 LA

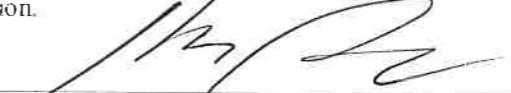
10/16/2015  
TACH: 4273.1  
TTA: 4301.1

N813CT  
Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Performed **Annual Inspection** of the aircraft in accordance with FAR Part 43 Appendix D. I certify that this aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

  
Kevin R. Pinger A&P #A 3236526

11/25/2015

TACH: 4286.2  
TTA: 4314.2

YEAR: N813CT  
Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Complied with AD76-07-12 Bendix ignition function check, okay, next due in 100 Hours (Tach 4391). Repaired power wire to overhead dimmer and dimmer light. Replaced the left tire p/n 301-028-012. Repacked the wheel bearings. Replaced the primer o-rings and repaired the primer line. Replaced the windscreens right door post panel with FAA/PMA p/n K79171.13. Replaced the overhead duct with serviceable, painted to match. Right seat re-upholstered with same fabric, see certificate of conformance IAW FAR 25.583 and Appendix F. Replaced the door seal with FAA/PMA p/n P301.1. Replaced door hinge pins. Replaced the voltage regulator p/n VR200A and over voltage sensor p/n OS75-14. Replaced the alternator with overhauled p/n 4111810 s/n H-M102435. Lubricated the aircraft in accordance with the lubrication schedule. Airworthiness Directives current through bi-weekly revision 2016-01, no new applicable AD's.

1/23/2016  
TACH: 4291.2  
TTA: 4319.2

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N813CT  
Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Installed serviceable ACK ELT model number E-01. Replaced batteries p/n MN1380, next replacement due JAN/2018. Tested ELT in accordance with FAR 91.207(d). Removed placard "ELT NOT INSTALLED" from panel. Removed temporary weight and balance and equipment list from AFM.

Kevin R. Pinger A&P 3236526 LA

YEAR: N813CT  
Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Deactivated KAP 100 Auto Pilot by collaring circuit breaker. Placarded auto pilot "IN OPERATIVE" in accordance with FAR 91.213 (d)(3)(ii).

*MRB*  
Kevin R. Pinger A&P 3236526 LA

N813CT  
Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Installed GNS430 Pilot Guide p/n 190-001-40-00 and FAA Approved Flight Supplement dated 3/21/2016 into aircraft. Removed placard "GPS for VFR Use Only" from panel. See Form 337 dated 3/23/2016 on file.

*MRB*  
Kevin R. Pinger A&P 3236526 LA

N813CT  
Piper PA28-181  
Serial No. 28-8590080

West Valley Aircraft Services, Inc.  
Embarcadero Rd, Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Performed **50 Hour Inspection** of the aircraft using the Piper PA28-181 Maintenance Manual 50 hour checklist as a guide. Checked interior and exterior lights. Replaced primer o-rings p/n MS29513-012 (qty 2). Checked the tires and brakes. Inspected the alternator, mount, and belt. Inspected the starter and lubricated the starter drive. De-greased the belly, cleaned and lubricated the nose strut. Performed run up and operational check, all parameters appear normal.

*MRB*  
Kevin R. Pinger A&P 3236526 LA

YEA

N813CT  
Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd. Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

DAT

#### Airframe Entry:

Removed directional gyro for access. Removed attitude indicator model KG258 p/n 060-0020-03 s/n 10593 replaced with overhauled p/n 060-0020-03 s/n 9284 and reinstalled directional gyro. Reactivated KAP 100 Auto Pilot by removing collar from the circuit breaker and removed "INOPERATIVE" placard. System ground function check normal. Performed run up and operational check, all indications appear normal.

*MRB*  
Kevin R. Pinger A&P 3236526 LA

N813CT  
Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd. Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

#### Airframe Entry:

Deactivated the KAP 100 Auto Pilot by installing collar at the circuit breaker and placarded auto pilot "INOPERATIVE" in accordance with FAR 91.213 (d)(3)(ii).

*MRB*  
Kevin R. Pinger A&P 3236526 LA

7/20/2016

TACH: 4366.1  
TTA: 4394.1

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YEAR:

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N813CT

Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd. Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

#### Airframe Entry:

Complied with **AD76-07-12R1** Bendix ignition switch function check, okay, next due in within 100 Hours Tach 4466 or Annual Inspection.

*MRB*  
Kevin R. Pinger A&P 3236526 LA

7/20/2016

TACH: 4366.1  
TTA: 4394.1

8/2/2016

TACH: 4401.3  
TTA: 4429.3

N813CT

Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd. Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

#### Airframe Entry:

Completed **100 Hour Inspection** of the aircraft using the Piper PA28-181 Maintenance Manual 100 hour checklist as a guide. Inspected under seats and in tail section. Inspected spars, flight controls, stops, fairleads, cables, and pulleys. Jacked up the aircraft and inspected the wheel group, tires, brakes, bearings, landing gear attachment, and torque links. Replaced the right tire p/n 072-317-0 and linings p/n 066-10500 (qty 4). Repacked the wheel bearings. Inspected the muffler and heater shroud. Inspected the motor mount and firewall. Replaced induction air filter p/n BA3. Serviced the brake hydraulic reservoir. Lubricated the aircraft. checked the fuel system for contaminants, none found. Performed run up, power, and indication check, good. Test flew the aircraft, all parameters satisfactory.

*MRB*  
Kevin R. Pinger A&P 3236526 LA

9/27/2016

TACH: 4433.3  
TTA: 4461.3

N813CT

Piper PA28-181  
Serial No. 28-8590080



West Valley Aircraft Services, Inc.  
Embarcadero Rd. Hangar B, Palo Alto, CA 94303  
Tel. (650) 565-0063

#### Airframe Entry:

Complied with **AD76-07-12R1** Bendix ignition switch function check, okay, recurs every 100 Hours (Tach 4533.3) or Annual Inspection.

*MRB*  
Kevin R. Pinger A&P 3236526 LA

YES  
N813CT  
Piper PA28-181  
Serial No. 28-8590080

**AERO WORKS** dba  
Embarcadero Rd. Hangar B. Palo Alto, CA 94303  
Tel. (650) 565-0063

3/23/2017  
TACH: 4447.9  
TTA: 4475.9

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entries.)

**DA**  
**Airframe Entry:**

Complied with **AD76-07-12** Bendix ignition function check, okay, recurs every 100 Hours (next due, Tach 4547.9). Jacked up the aircraft, inspected the wheel group, repacked the wheel bearings. Replaced the nose wheel bearing and race p/n LM29710-20629 and LM29749-20629. Inspected the flight controls, cables, pulleys and stops. Inspected the trim and radio group. Replaced the nose gear strut cover with serviceable and painted to match. Repaired dorsal fin and installed with new fasteners, painted to match. Repaired right and left wheel pants and painted to match. Replaced hardware as required. Replaced induction air filter p/n BA3. **Tested ELT in accordance with FAR 91.207 (d), battery replacement due JAN/2018.** Lubricated the aircraft in accordance with the lubrication schedule. Airworthiness Directives current through bi-weekly revision 2017-07, no new applicable AD's. Performed aircraft test flight, all parameters normal.

*MR*  
Kevin R. Pinger A&P 3236526 IA

N813CT  
Piper PA28-181  
Serial No. 28-8590080

**AERO WORKS** dba  
Embarcadero Rd. Hangar B. Palo Alto, CA 94303  
Tel. (650) 565-0063

3/23/2017  
TACH: 4447.9  
TTA: 4475.9

**Airframe Entry:**

Performed **Annual Inspection** of the aircraft in accordance with FAR Part 43 Appendix D. I certify that this aircraft has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

*MR*  
Kevin R. Pinger A&P 3236526 IA

YEAR: N813CT  
RI  
T/ Serial No. 28-8590080  
TII

YEAR:  
DATE

Piper PA28-181  
Embarcadero Rd. Hangar B. Palo Alto, CA 94303  
Tel. (650) 565-0063

**AERO WORKS** dba  
Embarcadero Rd. Hangar B. Palo Alto, CA 94303  
Tel. (650) 565-0063

**Airframe Entry:**

Replaced both stabilizer bearings with new 452-392 eq. MS27647-4AL, installed new hardware and shims as required. Removed main wheel pants and updated aircraft weight and balance report. Serviced the tires with air.

*MR*  
Kevin R. Pinger A&P 3236526 IA

Reads	Add
-1000	+15
0	-125
500	+15
1000	+15
1500	+20
2000	+15
3000	+20
4000	+25
6000	+30
8000	+45

Tested by *MR*

Date 26 SEP 17

5/24/2017

TACH: 4468.7  
TTA: 4496.7

Reads  
Add  
Alternate  
Scale C

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

Date 6/4/2018 #N4897W Tach: 4589.5

91.207 Check OK. Replaced Battery Due

6/2020. Lube airframe per mfr. service manual.

C/W AD2818-07-03, 2017-14-04, 2013-02-

13,76-07-12R1. Reviewed AD ATP 5/30/2018.

Installed Brackett air filter element BA 104

Owner provided a current and up to date AD compliance report.

Operational checks performed, OK to return to service.

Steve Radcliffe 2735886 A&P IA

*Steve Radcliffe*

A/C REG.# N813CT DATE 6/4/2018  
TOTAL A/C TIME \_\_\_\_ HRS TACH TIME 4589.5  
I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AS PER FAR 43 APP. "D" AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

*Steve Radcliffe*

2735886 A/P IA  
CERTIFICATE NO./TYPE


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

INTERIORS UNLIMITED, INC.  
5604 Philip J. Rhoads Ave.  
Wiley Post Airport, Hanger #3  
Bethany, OK 73008

The aircraft and/or component identified below was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service.

Work Order No. L-1593

A-3142113

July 19, 2018

*Richard Henn*

SIGNATURE OF AUTHORIZED INDIVIDUAL Certificate Number

DATE

Tach Time: 4601.9  
S/N- 28-0590080

Piper Acher  
N813CT

Recovered pilot and co-pilot seats with new materials. All materials used meet or exceed all applicable sections of FAR23.853.

Seat sheepskin:  
Seat materials:

CSC008 Steel  
ULBRHPFR2694 Brisa - Night Navy  
Aircraft Sheepskins  
Tapis Corporation


YE

August 1<sup>st</sup>, 2018, Piper PA28-181, N813CT, S/N 28-8590080  
 Tach – 4601.9, Airframe TTSN – 4629.9, Engine TSMOH – 1320.6.

Di Corrected Times from various Tach change addition errors from Log Book Entries below.

5/86 New "0" Time Tach installed @ 227.8TT

6/98 New "0" Time Tach installed @ 2231.2 Tach, 2459.0 TT

6/11 Used Tach w/3359.9 installed at 1588.1 Tach, 4047.1 TT

6/13 New Tach w/4053.0 installed at 3398.8 tach, 4081.0 TT

Engine overhauled 9/3/03 at Tach 822.0, 3359.9 TT

Calvin Taff Electronics, Inc.

N813CT PA28-181 SN 28-8590080 Hour 4601.00 8-10-2018

Removed AR850 and replaced with SSD120-35C-RS232 SN SRC-10309 in reference to Trans Cal manual # 881625 Rev A dated 28 June 2016. Weight and balance change is negligible. This aircraft was repaired and inspected in accordance with current FAA regulations and is approved for return to service with respect to the work performed. Details are on file under work order number: 14354.

Calvin Christopher Taff

CC JTH  
IX2R914K

ations  
er of  
ntries.)

Description of Inspections, Tests, Repairs and Alterations  
 Entries must be endorsed with Name, Rating and Certificate Number of  
 (Use this page for other specific entries.)

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of (Use this page for other specific entries.)
				CALVIN TAFF ELECTRONICS INC. (405)789-1268 R.S.IX2R914K 5601 Philip J. Rhoads Ave. Hanger #3-C Bethany, Oklahoma 73008
	TXP #1 Mfg. By <u>KT764</u>	M# <u>060-1062-00</u>	S# <u>86479</u>	TXP #? Mfg. By <u>—</u> M# <u>—</u> S# <u>—</u>
	has been tested, inspected and found to comply with FAR 91.413.			
	Alt #1 Mfg. By <u>United</u>	M# <u>5934PD-1</u>	S# <u>V7431</u>	Alt #2 Mfg. By <u>TX2R914K</u> on <u>8-10-18</u> to an altitude of <u>20</u> thousand feet.
	has been cert. by <u>—</u> on <u>—</u> to an altitude of <u>—</u> thousand feet.			Alt #2 Mfg. By <u>—</u> M# <u>—</u> S# <u>—</u>
	has been cert. by <u>—</u> on <u>—</u> to an altitude of <u>—</u> thousand feet.			Static/Encoding system has been tested, inspected and found to comply with FAR 91.411.
	Reference WO# <u>14354</u> by <u>CC JTH</u>			Date <u>8-10-2018</u>

August 28<sup>th</sup>, 2018, Piper PA28-181, N813CT, Tach 4601.9, Replace  
 Left Main Tire with Airhawk 6.00 x 6 6-ply.

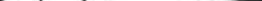
Jarrett Watson AP2710425

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

# WILLIAMS AVIATION, LLC

7/15/2019 Tach:4613.5 TSMOH:1332.2 Total time:4625.10  
N2133J Make:Lycoming Model:0-360-A4M S/N:L-31073-36A

Complied with an Annual inspection. Compression check as Follows #1 76/80 #2 77/80 #3 78/80 #4 76/80 Removed spark plugs and cleaned and gapped and installed using new compression gaskets. Checked timing and adjusted both mags to proper timing. Drained oil and changed filter and added 8 quarts of Phillips XC20W50. Installed new exhaust at this time LW77611. Reviewed all AD's thru 2019-14 revision. Did operational check and no defects noted.

I Certify that this Engine has been inspected in accordance with the applicable condition.  3549886 IA

accordance with an annual inspection  
354

END

# WILLIAMS AVIATION, LLC

8/11/2020 Tach:4713.2 Total Time on Airframe:4724.8  
N813CT Make:Piper PA28-181 S/N:28-8590080

Complied with an Annual inspection. Reviewed all AD's through 2020-15 biweekly. AD17-14-04 PCW by installation of Type D hoses no longer applies. AD76-7-12 CW on engine shut down due again in 100hrs. C/W AD99-24-10 found valve upgraded to SVS-V C/W 12 month and 24 month inspections per 3.33 and post installation checks. ~~Removed and replaced ELT batteries with new. C/W ELT ANNUAL PER FAR 91.207 (D) Did operational check. ELT battery due 8/2020. Pitot static past due 8/2020.~~ Lubed and serviced airplane IAW lube and service chart. Removed all tires and repacked wheel bearings. Replaced BA10 airfilter. Removed Stabilator and replaced bearings CA452-394 and bolt 402-680. Removed four aileron control rod ends P/N:CA452-335A and replaced NAS6203-7D bolt. Removed and replaced Carb heat cable 554-095. Removed and replaced compass housing Assy, 79600-000. Removed step and installed new step P/N:65384-000. Did Operational Check and no descrepancies noted.

I Certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy Condition.  3549886 IA

FND

Reg N#: N813CT Aircraft: Piper PA-28-181 S/N: 28-8590080  
Work Order: 205156

Altimeters, Altitude Reporter, Static System, and Transponder certified through testing as required by FAR 91.411 and 91.413; Results found to comply with FAR 43 appendix E and F.

Altimeters tested to 20,000 feet.

Altitude encoder tested to 20,000 feet

Make: Garmin Model: GTX 330 S/N: 84121067

System Test Date: 04/DEC/2020

Tested by Alex Hernandez FAA repair station # R814199Y  
Alex Hernandez



Thoroughbred Aviation Maintenance, Inc.

4316 Hangar Drive  
Lexington, KY 40510  
FAA CRS # R814199Y

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



Executive Air Taxi Corporation  
(701) 258-5024  
2301 University Dr. Bldg 48  
Bismarck, ND 58504

Date: 1/14/2021; Aircraft: N813CT; Type: PA-28-181; S/N: 28-8590080; Hobbs: 579.30

Replaced parking brake packings IAW Piper PA-28-181 MM 32-00-00. Leak and ops checks good.  
Found bad seal at oil fill tube. Replaced with new PN# 72059 IAW Piper PA-28-181 MM 79-30-00.  
Removed old panel lights and installed new PN# 10-2524-3049 IAW Piper PA-28-181 MM 33-10-00.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

WO# 26091

Date 1/14/21

Signature Dalch  
Repair Station CTYR019D

*Void Entry*

*1 hour*

YEAR:



Executive Air Taxi Corporation  
(701) 258-5024  
2301 University Dr. Bldg 48  
Bismarck, ND 58504

DATE

Date: 9/01/2021; Aircraft: N813CT; Type: PA-28-181; S/N: 28-8590080; Tach: 4785.70; Total Time: 4797.30; Engine - Type: O-360-A4M, S/N: L-31073-36A, Time: 4797.30; Prop - Type: 76EM8S5-0-60, S/N: 35998K, Time: 3751.30

Completed airframe 100 hour/ annual inspection IAW Piper PA-28-181 MM Periodic Inspection Guide.

Completed engine 100 hour inspection IAW Lycoming O-360-A4M MM Section 4-4.

Completed propeller 100 hour inspection IAW Sensenich Props and PA-28-181 Inspection Guide.

Reviewed all AD's thru 2021-18 biweekly.

Compression Check : 1=78/80, #2=78/80, #3=79/80, #4=75/80

Replaced vacuum filter PN# B3-5-1 IAW Piper PA-28-181 MM 1B4 Pg 4.

Replaced LH brake linings PN# 066-10500 and rebuilt caliper with new o-rings PN# MS28775-222 IAW Cleveland Wheels and Brakes MM AWBCMM0001-2/USA. Ops checks good.

Replaced all 8 spark plugs with new PN# REM38E IAW Lycoming O-360-A4M MM Section 4-4. Ground run good.

C/W FAR 91.207(d) by visually inspecting and operationally testing the ELT. Ops checks good, no defects noted.

C/W AD 99-24-10 Para (b) Sections (1) and (2) 12 and 24 month inspections. No defects noted. Due again 9/1/2022 and 9/1/2023.

C/W AD 2020-26-16, Aircraft has not accumulated enough hours for action at this time.

C/W AD 2013-02-13 Para (g) (1) (i) IAW Piper MSB # 1245A. No defects noted. Due again @ ACTT 4897.3 or 9/1/2022.

C/W AD 76-07-12 Para 1(a) to Para 1(c). No defects noted. Due again @ ACTT 4897.3

C/W AD 2017-14-04 Para (g). No defects noted. Due again @ ACTT 4897.3.

Installed 2 pax headphone jacks IAW SPA-400 Wiring Diagram PN# SWC-12B. Ops checks good.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

WO# 26257

Date 9/1/21

Signature 

Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019B


YE



Executive Air Taxi Corporation  
(701) 258-5024  
2301 University Dr. Bldg 48  
Bismarck, ND 58504

erations  
umber of  
c entries.)

Date: 10/07/2021; Aircraft: N813CT; Type: PA-28-181; S/N: 28-8590080; Tach: 4788.10; Total Time: 4799.70; Engine - Type: O-360-A4M, S/N: L-31073-36A, Time: 4799.70; Prop - Type: 76EM8S5-0-60, S/N: 35998K, Time: 3753.70

Removed rudder assembly from aircraft IAW Piper PA-28-181 MM 27-21-00 and 27-22-00.

Removed and replaced rudder skin PN# 63396-802 IAW Piper PA-28-181 MM Ch. 20 and Piper Parts Catalog Figure 50B.

Balanced finished rudder assembly IAW Piper PA-28-181 MM 55-40-00.

Installed finished rudder assembly IAW Piper PA-28-181 MM 27-21-00, 27-22-00, and 27-23-00.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

WO# 26286 Date 10/7/21 Signature Dalch  
Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D

Central Planes

Sauk Centre, MN 56378

(320) 352-3013

**Date:** 03/31/2023 **Reg. #:** N813CT **Tach:** 4808.6 **Total Time:** 4820.2

**Make:** Piper **Model:** PA 28-181 **S/N:** 28-8590080 **TSMOH:** N/A

1. Installed O-360-A4M overhauled engine S/N L-31073-36A from Western Skyways WO 59348.
2. Engine installed using all new hoses, new engine isolator mounts, and all accessories were either overhauled or new except the vacuum pump which was installed as serviceable.
3. I have inspected this aircraft and determined it to be airworthy for ferry flight from KPEX to KD39 at this time. See Ferry permit this date issued from MSP FSDO

*Thomas J. West 3/36772 FA*

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE

Central Planes

Sauk Centre, MN 56378

(320) 352-3013

**Date:** 04/19/2023 **Reg. #:** N813CT **Tach:** 4809.1 **Total Time:** 4820.7  
**Make:** Piper **Model:** PA 28-181 **S/N:** 28-8590080 **TSMOH:** N/A

1. ELT tested per FAR 91.207(d), new batteries installed replacement due 4/2024, installed new ELT remote switch with new alkaline from Merl Inc battery due 4/2028.
2. Installed all new AirForms inc baffle kit.
3. Installed 3 new exhaust stacks and repaired #2 stack from AWI. Reinstalled serviceable mufflers and shrouds.
4. Installed new carb heat control cable MC554-095.
5. Repaired battery box cover and installed proper camlocs.
6. Installed new nose gear steering arm upper shear bolt and safety strut spanner nut.
7. Repaired lower cowl bottom attach holes.
8. Resealed pilot side brake master cylinders, repaired LH caliper leak and bled brakes.

→ Cont'd

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.)
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Central Planes

Sauk Centre, MN 56378

(320) 352-3013

**Date:** 04/19/2023 **Reg. #:** N813CT **Tach:** 4809.1 **Total Time:** 4820.7

**Make:** Piper **Model:** PA 28-181 **S/N:** 28-8590080 **TSMOH:** N/A

9. Installed new RH wheel bearings and races and greased.
10. Repaired carb heat shroud.
11. Rigged nose gear steering to eliminate nose gear steering freeplay.
12. Removed Precise Flight standby vacuum system.
13. CW AD 76-07-12 per operational check ok next due 4909.1 tach.
14. AD 2013-02-13 was done at 4797.3 on 9/01/2021 next due 6797.3 ACTT or 9/2028 whichever occurs first.
15. AD 2017-14-04 no longer applies per para i-3 and type D hoses installed.
16. AD 2022-03-15 N/A per no Garmin G3X installed.
17. Owner notified or Transponder check status.
18. I certify this aircraft has been inspected in accordance with an annual inspection and determined airworthy at this time. Thomas J Wenker 3136772IA

*Thomas J. Wenker*

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



Executive Air Taxi Corporation  
(701) 258-5024  
2301 University Dr. Bldg 48  
Bismarck, ND 58504

Date: 2/20/2024; Aircraft: N813CT; Type: PA-28-181; S/N: 28-8590080; Hobbs:; Tach: 4831.20; Total Time: 4842.80; LG Cycles:; Engine - Type: O-360-A4M, S/N: L-31073-36A, Time: 4842.80; Prop - Type: 76EM8S5-0-60, S/N: 35998K, Time: 3796.80

Inspected right brake caliper and found leaks around puck. removed caliper, cleaned and installed new o-ring P/N MS28775-222. Inspected hose in wheel well and rudder pedals. No defects noted. Bled brakes IAW PA28-181 MM, 32-40-00, Section 5, Pressure Bleeding. Leak checked system IAW 32-40-00 Para (W), Leak check good.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

WO# 27043 Date 2/20/24 Signature AC  
Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D

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



Executive Air Taxi Corporation  
(701) 258-5024  
2301 University Dr. Bldg 48  
Bismarck, ND 58504

Date: 5/14/2024; Aircraft: N813CT; Type: PA-28-181; S/N: 28-8590080; Hobbs:; Tach: 4837.10; Total Time: 4848.70; LG Cycles:; Engine - Type: O-360-A4M, S/N: L-31073-36A, Time: 4848.70; Prop - Type: 76EM8S5-0-60, S/N: 35998K, Time: 3802.70

C/W Aircraft Annual Inspection IAW Piper PA28-181 Inspection Report P/N 230-1039 and PA28-181 AMM P/N 761679.

C/W Engine Inspection IAW Piper PA28-181 Inspection Report, Section B, 1-60 and PA28-181 AMM 70-00-00.

C/W Prop Inspection IAW Piper Aircraft Inspection Report (A) Model PA28-181 and PA28-181 AMM 61-00-00.

C/W AD Bi-Weekly Search to 2024-08.

Drained old oil and changed filter P/N AA48110-2. Serviced with 8 QTS. Phillips 20W50 engine oil IAW PA28-181 Inspection Report (B Engine Group) and AMM 12-12-00.

Removed spark plugs from engine, cleaned, gapped and inspected. No defects noted. Installed in engine and torqued to 300 inch lbs. IAW PA28-181 Inspection Report (B Engine Group) and PA28-181 AMM 74-20-00.

Removed and replaced engine induction filter P/N BA-10 IAW Piper PA28-181 Inspection Report (B)(24) and PA28-181 AMM 12-25-00. Compression Check: #1 80/80, #2 80/80, #3 80/80, #4 80/80. IAW Piper PA28-181 Inspection Report Section B (14).

Cut open oil filter and inspected. No defects noted.

Changed out of date 8 Batteries, P/N MN1300. Inspected and ops checked ELT IAW FAR 91.207 (d). No defects, ops check good.

Batteries due next Annual 5/2025.

Cleaned battery tray and mounting area in aircraft with hot water and baking soda. Treated the area with Corrosion X and painted.

Installed battery IAW AMM 12-27-00.

Resealed co-pilot's R/H Toe pedal cylinder assembly, installed new o-rings P/N MS28775-113, MS28775-110, and 05-14049 IAW Piper PA28-181 AMM 32-40-00. Bled brake IAW 32-40-00 Para. R,W,T,U and W.

AD 2013-02-13 Para (g)(1) Control Cable Inspection not due at this time. due at 6797.3 ACTT or 9/2028.

C/W AD 76-07-12 IAW Para (a) to Para (c). No defects noted. Due again next Annual Inspection.

AD 2017-14-04 No longer applies. Engine hoses changed to type D with engine change. No further action needed.

AD 99-24-10 no longer applies. Precise Flight Vacuum System removed from aircraft 4/19/22. No further action needed.

C/W FAR 91.413 Transponder Test and Inspection. Found to comply with FAR 43, Appendix F.

After researching AD 2023-09-09, N/A by engine model installed on aircraft. No turbo charger installed. No further action taken.

After researching AD 2023-25-02, N/A by aircraft model. No further action taken.

YEAR:	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.)
DATE				

Page 2 of 2

Removed and replaced vacuum filter P/N B3-5-1 IAW Piper PA-28-181 Inspection Report Section (C)(14).

Removed and replaced missing nut plate to hold aft floor down.

Removed left MLG Wheel assembly from aircraft. Removed bearings from wheel and cleaned, cleaned wheel rim and inspected both. No defects noted. Repacked bearings with fresh Mobile 28 Grease and installed bearings in wheel. Inspected left brake disc and brake pads for wear. No defects noted. Inspected tire for wear. No defects noted. Installed Left wheel assembly back in position IAW Piper PA-28-181 Inspection Report Section (F)(5-10) and Piper PA28-181 AMM 32-40-00.

Removed Right MLG Wheel Assembly from aircraft. Removed bearings from wheel and cleaned, cleaned wheel rim and inspected both. No defects noted. Re-packed bearing with fresh Mobile 28 grease. Found 1 steel grease seal grooved. Replaced P/N 153-00400.

Installed bearings in wheel. Inspected right brake disc and brake pads for wear, no defects noted. Inspected tire for wear, no defects noted. Installed right wheel assembly back in position IAW Piper PA-28-181 Inspection Report Section (F)(5-10) and Piper PA28-181 AMM 32-40-00.

Removed nose wheel assembly from aircraft and cleaned and inspected. No defects noted. Removed seals and bearings. Cleaned bearings and Inspected. No defects noted. Found felt seals dried out and hard and steel seals worn. Replaced all 4 steel seals, P/N 153-00900, and 2 felt seals, P/N 154-01400. Greased bearings with Mobile 28 and installed bearings and new seals in wheel assembly IAW PA-28-181 AMM 32-40-00 D, E, and F

Repaired wire at speaker under pilot's instrument panel. Auto pilot ops checks good on ground.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

WO# 27088

Date 3/14/24

Signature

Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D



Executive Air Taxi Corporation  
(701) 258-5024  
2301 University Dr. Bldg 48  
Bismarck, ND 58504

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Date: 6/13/2025; Aircraft: N813CT; Type: PA-28-181; S/N: 28-8590080; Hobbs:; Tach: 4848.30; Total Time: 4859.90; LG Cycles:; Engine - Type: O-360-A4M, S/N: L-31073-36A, Time: 4859.90; Prop - Type: 76EM8S5-0-60, S/N: 35998K, Time: 3813.90

C/W aircraft annual inspection IAW Piper PA-28-181 Inspection Report PN# 230-1039 and FAR 43 Appendix D.

C/W prop annual/100 hour inspection IAW Piper PA-28-181 Inspection Report PN# 230-1039 and FAR 43 Appendix D.

C/W engine annual/100 hour inspection IAW Piper PA-28-181 Inspection Report PN# 230-1039 and FAR 43 Appendix D.

C/W AD Bi-weekly search.

Compression Check : #1 = 74/80, #2 = 76/80, #3 = 74/80, #4 = 74/80

Removed spark plugs, cleaned, gapped, and rotated. No defects noted IAW Piper PA-28-181 AMM 74-20-00.

Drained oil and changed filter PN# AA48110-2. Cut open old filter and inspected, no defects noted. Serviced with 8 qts Phillips 20w-50

IAW Piper PA-28-181 Inspection Report and AMM 12-12-00.

AD 2024-14-03 N/A STC autopilot not installed.

AD 2024-10-04 N/A due to aircraft SN#.

AD 2020-26-16 Due @ 5000 hours.

AD 2013-02-13 Due @ 6769.3 or 09/2028

C/W AD 76-07-12, checked ignition switch for possible malfunction, no defects noted. Due again @ 4959.9 or next annual.

AD 2024-21-02 N/A, connecting rods replaced @ engine overhaul past affected part number ship date.

Inspected and ops checked ELT IAW FAR 91.207(d). No defects noted. Changed out batteries PN# MN1300. Batteries due next annual 6/2026.

Removed air intake filter and installed new PN# BA-10 IAW Piper PA-28-181 MM 12-20-00 Section F.

Removed fwd most defrost air duct and installed new SCAT 10 hose IAW Piper PA-28-181 MM 21-40-00.

Removed nose wheel and installed serviceable PN# 40-56B IAW Piper PA-28-181 MM 32-40-00.

Removed RH brake bleeder seat seal PN# 752-966 and bleeder screw PN# 079-00300 and installed new IAW Piper PA-28-181 MM 32-40-00. Brake system serviced with 5606 IAW Piper PA-28-181 MM 12-20-00.

Removed instrument filter and installed new PN# D9-18-1A, vacuum filter PN# B3-5-1 IAW Piper PA-28-181 MM inspection Report Section C.

This aircraft and/or component identified above was inspected and/or repaired IAW current FAR's and I certify it to be in an airworthy condition, and is approved for return to service, with respect to the work performed.

WO# 27344

Date 6/13/25

Signature

Executive Air Taxi Corp. Maintenance Release - Repair Station CTYR019D