

Rhineland  
Flying  
Service



3400 Airport Road  
P.O. Box 501  
Rhineland, WI 54501  
(715) 365-3456 Office  
(715) 365-3461 Fax

N8375Y

A/C LOGBOOK #3

STARTS  
7/1/15  
4.4 4402

N 8375Y

Log # 3

# AIRCRAFT MAINTENANCE RECORDS

12/1/2020  
TT 4512

☒ Airframe

☐ Engine

☐ #1

☐ #2

☐ Propeller

☐ #1

☐ #2



# MAINTENANCE RECORDS

Log. No. 3

Aircraft Registration No. 8375Y

Aircraft Mfg. Piper Model PA 30-B Serial No. 30-1529

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

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

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

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

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

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



Rhineland Flying Service  
3400 Airport Road P.O.Box 501  
Rhineland, Wi. 54501 715-365-3456

N8375Y Date: 7-1-2015 Tach: 4402.7 Total Time: 4402.7 SMOH: -----

I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition. Replaced ELT battery with BP-1010 and C/W ELT inspection IAW FAR 91.207. C/W AD 77-13-21 landing gear by visual inspection of bungee cords next action due at 7-2016. C/W AD 79-12-08 fuel selector valve by inspection next due 4452.7. C/W AD 83-10-01 water and fuel system by inspection next due 4452.7. C/W AD 94-13-10 stabilator by inspection next due 4502.7. C/W AD 11-26-04 fuel injector lines by inspection next due 7/2016 or 4502.7. This aircraft is approved for return to service.

Russell S. Seamans IA 2836083

N8375Y Date: 03/22/2018 Tach 4403 Replaced Aircraft  
battery with G11 G35 S/N G02950415. Standing



Rhineland Flying Service  
3400 Airport Road P.O.Box 501  
Rhineland, Wi. 54501 715-365-3456

N8375Y Date: 4-6-2018 Tach: 4403.4 Total Time: 4403.4 SMOH: -----

I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition. Replaced ELT battery with P/N BP-1010, next change date is May 2020. C/W ELT inspection IAW FAR 91.207. C/W AD 77-13-21 landing gear by replacing bungee cords with P/N 8097, next action due at 4/4/2019. C/W AD 79-12-08 fuel selector valve by inspection, next due at 4453.4. C/W AD 83-10-01 water in fuel by inspection, next due at 4453.4. C/W AD 15-24-05 fuel system placards by inspection, placard previously installed. C/W AD 17-15-05 heater exhaust extension, stainless steel installed. C/W AD 15-19-07 fuel injector lines by inspection, next due 4513.4. C/W AD 04-21-05 heater by pressure decay test, next due at 4/30/2020 or heater hobbs 237.2. This aircraft is approved for return to service.

Russell S. Seamans IA 2836083



DATE

TIMES

**DESCRIPTION OF WORK PERFORMED --  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**

**ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE**

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

**N8375Y**

715-853-4445

P.O. BOX 147  
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	40	40	60	80	90	100	90	110
ACTUAL FRICTION	-50	0	0	0	-5	10	10	0	150	-10	10	10	10	10	20	-10
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	50	50	50	50	50	50	50
TOL. ± FT.	120	130	140	155	180	205	230	255	280	280	280	280	280	280	280	280
ACTUAL FRICTION	20	20	40													
CASE LEAK																
HYSTERSIS TOL. +75 FT.																
TEMP. C																

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO **20,000** FT.

CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E

PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL **King K-76A** S/N **37475**

The Aircraft and/or component identified hereon was repaired and inspected in accordance with  
the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for  
return to service.

Date **4/6/18** W.O. **4446** Signed **Frank Kozlley**

ALTIMETER  
Make **Univerted**  
Model **5934PI-A83**  
S/N **5844**  
BLIND ENCODER  
Make **Trans-CAL**  
Model **D120-B-T**  
S/N **45378**  
#2 TRANSPONDER  
Make **X**  
Model **X**  
S/N **X**



**Rhinelander Flying Service**  
3400 Airport Road P.O. Box 501  
Rhinelander, Wi. 54501 715-365-3456

N8375Y Date: 6-5-2018 Tach: 4403.9 Total Time: ----- SMOH: -----

Removed and reinstalled nose gear inner steering tube after repair by S&B Industries. Installed  
new seals in strut and serviced with 5606 fluid and nitrogen.

**Mark Krupka**  
Mark Krupka AP 3181718

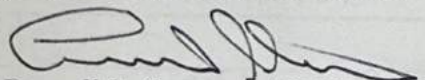




**Rhineland Flying Service**  
 3400 Airport Road P.O. Box 501  
 Rhineland, Wi. 54501 715-365-3456

N8375Y Date:3/6/19 Tack: 4404.8 Total Time: ----- SMOH: -----

Removed and reinstalled both propellers after overhaul by Maxwell Aircraft Services, see propeller log books for details.

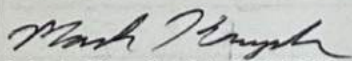
  
 Russell S. Seamans AP 2836083



**Rhineland Flying Service**  
 3400 Airport Road P.O. Box 501  
 Rhineland, Wi. 54501 715-365-3456

N8375Y Date:6/1/2019 Tach: 4409.3 Total Time: 4409.3 SMOH: -----

I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition. C/W ELT inspection IAW FAR 91.207. C/W AD 74-16-08 AFT bulkhead by inspection, next due at 4509.3. C/W AD 77-13-21 by visual inspection of landing gear bungee cords, next action due at 6/1/2020. C/W AD 79-12-08 fuel selector valve by inspection, next due at 4459.3. C/W AD 83-10-01 water and fuel by inspection, next due at 4459.3. C/W AD 94-13-10 stabilator by inspection, next due at 4509.3. C/W AD 15-19-07 fuel injector lines by inspection, next due at 4519.3. Replaced both engine air filters with BA-10. Replaced grommet on heater drain line. Replaced elevator trim tab control rod AFT bolt. This aircraft is approved for return to service.

  
 Mark Krupka IA 3181718

25NOV19 ACTT 4472 installed uAvionix SkyBeacon ADS-B in left wing  
 nav light. Removed nav light/strobe from left wing.  
 Both nav & strobe lights powered from nav light switch.  
 nav lights on. SkyBeacon

Beacon-2124

Chock Turbine



560 Berne Road | Columbia Falls | MT | 59912  
 www.uAvionix.com | Office: 1-844-827-2372

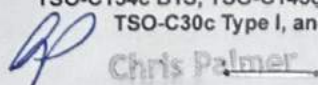
Model: skyBeacon TSO  
 P/N: UAV-1001856-002

uAvionix  
 P/N: UAV-1001856-002  
 MOD: 5  
 S/N: 1008120

### Certificate of Conformance

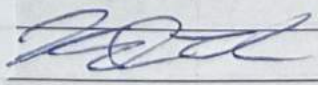
I hereby certify that the product/s enclosed herewith, manufactured by uAvionix Corporation, have been inspected and found to be in full accordance with the specifications of:

TSO-C154c B1S, TSO-C145d Beta 1 INCOMP, TSO-C88b,  
 TSO-C30c Type I, and TSO-C96a Class II.

By:   
 Country of Origin: U.S.A.

Date: 10.17.19  
 UAV-1002530-001 (Rev D)

Beacon-2124  
 Chock Turbine

  
 MARK LUND AP 3138202





U.S. Department of Transportation  
Federal Aviation Administration  
ADS-B Performance Monitor

## Public ADS-B Performance Report

Broadcast ICAO: AB7579 (52672571)

Tail Number: N8375Y

Last Flight Id: N8375Y

Period: 12-03-2019 20:19:22 to 12-03-2019 21:00:35

### Operation Analysis Overview

Analysis

Airborne 1090

☐

Surface 1090

☐

Surface RWY/Taxi 1090

☐

Airborne UAT

☒

Surface UAT

☐

Surface RWY/Taxi UAT

☐

3-0318 83018  
3  
Altitude  
45438N

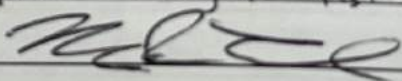
DATE

TIMES

DESCRIPTION OF WORK PERFORMED --  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

3 Dec 19 ACTT 4475 ADS-B test flight Performance Report Attached. Ops  
Check good. MARK LUND AP 3138202  
SSID: Beacon-2124

DATE TIMES	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
3 Dec 19	ACTT 4475 ADS-B test flight. Performance Report Attached. Ops Check good. MARK LUND AP 3138202
	SSID: Beacon-2124
	Password: ChockTurbine

12 Dec 19 Installed repaired autopilot Altitude Hold module &  
autopilot amplifier. Flight tested, ops check ok. 8130-3 Attached  
  
MARK LUND AP 3138202



DATE TIMES	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
01 MAY 20	ACT 4482 RFR RT. MAIN TIRE, RFR NOSE TIRE & TUBE. Goodyear 15x6.00x6 NOSE & Goodyear 6.00x6 RT. MAIN. MARK LUND AP3138202
6/4/2020	N8375Y PA30B S/N 30-1529 TT 4501 Bringing Weight and Balance data forward from 5/3/2013 Garmin 430 install. <b>REVISED</b> Empty Weight 2392—EWCG 83.13 Mark Lund <u>Mark Lund</u> A&P 1595805
10/16/2020	N8375Y UPDATE Equipment List in Flight Manual Weight & Balance updated (Handbook) Mark Lund A&P 1595805 <u>Mark Lund</u>
10/16/2020	N8375Y TT 4512- Removed Piper Altimatic III Autopilot, Stormscope and Remote Magnetometer- Installed STec30 Autopilot per Stec 816 install manual and STC SA09359AC-D- Installed 2ea Garmin G5's per Garmin install manual, see 8130 form and 337 forms. Removed KT76 Transponder, installed Lynx 9000 Transponder per MFG instructions. Removed seats 5 and 6 to use station 148 as Baggage only. Updated equipment List and weight and balance data this date. New Empty Weight 2337, New EWCG 82.0 Mark Lund A&P #1595805 <u>Mark Lund</u>
11/2/2020	N8375Y TT4512- Landing Gears Service and Lube Replaced Bungee's per AD 77-13-21-- Replaced all Landing Gear Down Lock Springs-- Checked the mount hole in the Trunion Web for cracks- found none- Champhored the holes per ComancheGear advice to prevent cracks-- Emergency Exted- service Gear transmission with new lube-- Replaced gear door rubber bumpers- replaced underfloor insulation and inside floor carpet---c/w S/L #851 Fuel Selector test- Mark Lund <u>Mark Lund</u> A&P #1595805 Carson City, NV.
11/9/2020	N8375Y TT4512 - C/W AD94-13-10 S/B 411A Loose Bearing blocks supports brackets- no looseness found- C/W AD74-16-08 Inspected aft bulkhead at station #258 per s/b 679 no cracks found- Tail Service Removed stab Halves and Torques Tube removed-Replaced Stab Horn Assy p/n 22882-003 per Piper #1189 - Inspected Torque Tube per Piper S/B #1160 No corrosion found- inside or outside treated with CC-SF-400 corrosion preventive-reinstalled using new AN175-C32A corrosion resistant bolts- adjusted stab travel per Piper service manual 1G11-- Mark Lund <u>Mark Lund</u> A&P #1595805



DATE

TIMES

# DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Date: 05/26/2021 Hours: 4515.84

Tail#: N8375Y

Make: Piper

Model: PA-30

S/N: 30-1529

Performed an Annual/100 Hour Inspection In accordance with 14 CFR 43 Appendix D using Lycoming and Piper Twin Comanche Service Manuals as a guide. Lubricated all control surface hinges and pulleys. Inspected elevator and rudder assembly, empennage, spar and passenger areas. Tested ELT IAW FAR 91.207d, tested OK. Reinstalled and armed ELT. Serviced Aircraft battery. Inspected tires, wheels and brakes. Complied with AD 79-12-08. Complied with AD15-24-05. Complied with AD74-16-08. Complied with AD79-12-08. Complied with AD83-10-01. See separate Entry for current AD status.

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

Name: Troy Creeks

Co: Carson Aviation Services

Cert: A&amp;P3674511IA

Sign: 

Date: 05/26/2021 Hours: 4515.84 / Heater Hobbs: 150.4

Tail#: N8375Y

Make: Piper

Model: PA-30

S/N: 30-1529

Removed heater for overhaul. Reinstalled heater P/N: 20D35 S/N: 5111200911 after overhaul by Aircraft Heating and Electrical (XX2R309L). Ground operational check good.

Name: Troy Creeks

Co: Carson Aviation Services

Cert: A&amp;P3674511IA


Sign: 

Chaparral Avionics  
2640 College Pkwy.  
Carson City, NV 89706  
#BF4RO74M

This Transponder complies with IAW FAR §91.413 and  
FAR §43 app. F

N 8375Y

Date: 4 Aug 21 W/O 4366

Inspector: 

Chaparral Avionics  
2640 College Pkwy.  
Carson City, NV 89706  
#BF4RO74M

The Altimeter(s), Encoder, and Static System complies with FAR §91.411 and  
FAR §43 app. E

N 8375Y Date: 4 Aug 21 W/O 4366 To: 20K ft.

Inspector: 



DATE

TIMES

**DESCRIPTION OF WORK PERFORMED --  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**

wo: SVC21-06604

Airframe - page 1 of 1



AIRCRAFT SPECIALISTS

Aircraft Specialists, Inc. - CRS#: PZ4R458M

**N8375Y****PIPER, PA-30, S/N: 30-1529****October 21, 2021**

LH TACH: 4525.68

RH TACH: 4529.34

1. Checked applicability of Garmin **MANDATORY** SERVICE BULLETIN NO.: 2193 Rev. A on each Garmin G5 PN: 011-03809-00. SB does not apply due to serial numbers installed, 4JQ041220 (Attitude) & 4JQ041763 (HSI). Updated each G5 to current approved software version, 7.21. Operation of software satisfactory.
2. Corrected wiring for proper CAN Bus operation. Configured G5s for air data. Calibrated each G5 air data sensor. Repaired multiple loose pitot and static connections. Relocated G5 HSI to standard 6-pack placement per owners request. Operational test checks satisfactory IAW Garmin G5 Installation Manual PN:190-01112-10 dated August 2021 Revision 28.
3. Could not duplicate at this time. Display is on. Display dimming follows photocell properly. Operation satisfactory.
4. Display checks good. No VOR or LOC reception. T/S to loose connection of VOR Antenna Coax at the diplexer. Repaired connection. Operational test checks satisfactory.
5. Mag compass is mounted in the panel, needs relocated to overhead mount. Removed mag compass from panel and installed in overhead compass location using new compass mount p/n 30-V0001. Performed compass swing on mag compass. Operation of mag compass satisfactory. Installed P/N 30-V0001 - Compass Mount.
6. Researched Aero-Trim Aileron Trim System. Found ground wire disconnected, connected ground. Operational test checks satisfactory.
7. Operational Test of Electric Pitch Trim checks satisfactory after lubrication of the Stabilator Trim Screw. (See Service Item 8).
8. Accessed Stabilator Trim Screw. Cleaned old lubricant from Stabilator Trim Screw. Applied New Lubricant per PIPER TWIN COMANCHE SERVICE MANUAL Lubrication Chart. Operation of Stabilator Trim satisfactory.
9. Found several loose connections. Connected wiring per PIPER TWIN COMANCHE SERVICE MANUAL. Tested Right Fuel Quantity and found gauge is indication beyond full. Accessed and removed Right Fuel Sender and checked resistance at Empty and Full Stops, unit is out of specifications. Ordered and Installed OVERHAULED Fuel Sender PN: 20966-000 SN: 203005 (See FAA Form 8130-3, Air Parts of Lock Haven, dated 19 NOV 2020, Form Tracking Number 203005) Operational test checks satisfactory. Installed P/N 20966-000 - Fuel Sender, S/N: 203055.
10. Fabricated and painted cover plate for Pilot's side Instrument Panel. Installed Guardian Avionics USB Power Port PN: 200-101A SN: 12951 in accordance with Guardian Avionics Document No. 250-M REV:A Dated: 08/18/16. Operation of Guardian Avionics USB Power Port satisfactory. Installed P/N 200-101A - Guardian Avionics USB Power Port, S/N: 12951.
11. Checked RS232 wiring to GNS430W. Set GNS430W RS232 OUT Port 1 to "Aviation". Operational test checks satisfactory.
12. Half hour ground run for troubleshooting EGT's. No problem found with EGT probes. Operation satisfactory.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Aircraft Specialists, Inc. under work order: SVC21-06604.

Colton Stewart FAA CRS PZ4R458M

11/13/21 N8375Y LH TACH TIME 4527.6

INSTALLED NEW NOSEWHEEL BEARINGS AND CUPS P/N 13836-20629 +  
P/N 13189-20629 SERVICED BEARINGS WITH MOBIL 25 GREASE.

DRB A6P 383700407







DATE

TIMES

DESCRIPTION OF WORK PERFORMED --  
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

wo: AVI23-00010

Airframe - page 1 of 1

AIRCRAFT  
SPECIALISTS  
MAINTENANCE & AVIONICS

Aircraft Specialists, Inc. · 6005 Propeller Lane · Sellersburg, Indiana 47172 · 812-246-4696 Ext. 705 · CRS#: PZ4R458M

N8375Y

PIPER, PA-30, S/N: 30-1529

February 21, 2023

LH TACH: 4593.33

RH TACH: 4599.29

1. **Owner reports GNS430W has multiple discrepancies. Request Garmin Flat-Rate Repair.** - Copied GNS430W configuration settings. Removed GNS430W PN: 011-01060-40 SN: 97113656. Installed REPAIRED GNS430W PN: 011-01060-40 SN: 97113656 (See FAA Form 8130-3, Garmin International, dated 16 FEB 2023, Form Tracking Number RMA 162363237) Configured GNS430W. Operational test checks good in accordance with Garmin 400W Series Installation Manual, PN: 190-00356-02, Revision M, dated 07/05/2017. Installed P/N 011-01060-40 Repair - GNS 430W (REPAIRED) S/N: 97113656.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Aircraft Specialists, Inc. under work order: AVI23-00010.

Denny Goodman FAA CRS PZ4R458M



# REPAIR CERTIFICATE

FAA APPROVAL TAG

3. Form Tracking Number:

1117201

REPAIR TAG NO. 12873

Component Name NLG tube cylinder  
Model PA 30  
Serial or N No. 18149  
Mfr/PN: 21707-00

The aircraft component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.

Pertinent details of the repair are on file at this repair station.

Work Order No. 12650  
Date May 29 2018  
Signed Brian W. 1741 for

**S & B Industries, Inc.**

333 West 6160 South  
Murray, Utah 84107  
Phone (801) 261-4076  
Fax (801) 261-4149  
FAA CRS QE5R142N

Contract/Invoice

W

t Heating and  
/P/Q,  
A-34-  
stream 500-S,

Block 12

Block 11  
ode of  
roved for

Certificate No.:

mmm/yyyy):

ry specified in  
y of the country

in accordance with the

N: 0052-00-012-9005



