

The Standard Aircraft Log
SA-2

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P N R A S A - S A - 2



9 781560 271178

1/16 Book #3

Aircraft Record General Information

Manufacturer PIPER Model PA-28-180
Serial 28-5285 Registration Number N 7831X
Date of Manufacture 1969

Engine(s) currently installed:

Manufacturer LYCOMING Model O360 A4A Serial L-16348-36A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer SENSBACH Model 76EM855-0-60
HUB Model _____ Serial 7658 Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

| 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.) |
|-------|---------------------|---------------|-----------------------|---|
| DATE | | | | |
| | | | | <p>DUNKIRK AVIONICS Phone: 716-664-7700 3163 Airport Drive CRS# DKZR372X Jamestown, NY 14701</p> <p>Work Order# 5502 Date: 1/13/16 Aircraft Reg. Number: N7831N TACH: 4022.45</p> <p>Removed a Narco AT50A transponder. Installed a L-3 Communications NGT9000 ADS-B Transponder IAW STC# SA02444AK.</p> <p>Tested transponder IAW 14CFR part 91.413 and part 43 appendix F. 337 filed, weight and balance updated 1/13/16</p> <p>The above work is Approved for return service. Further details are on file under the work order.</p> <p><i>Mark Kezman</i> Name: Mark Kezman Certificate # DKZR372X</p> |

4/5/16
Tach; 4025.6
TT; 4025.6

N7831N
Engine

| YEAR: | RECORDING TACH TIME | DATE |
|-------|---------------------|------|
| | | |

C/W FAR91.207d ELT inspection. Replace battery, new due date 6/2018. C/W AD76-07-12 Bendix ignition switch operation test per para. a. C/W AD99-24-10 standby vacuum system inspection. Route antenna and wire harness under aft seat to eliminate chafing. Install clamp to secure harness to floor. Replace insulation pieces in main spar. Repair flap trim cover. Service nose gear strut.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this station under Service Order No. 61490 Dated: 4-5-16

FAA Approved Repair Station No. B2ER144J
Boshart Enterprises and Aircraft Services, Inc.
Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED
IN ACCORDANCE WITH General TYPE INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
A.D. SUMMARY TO 16-06 CHECKED.
OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: *Jeff De Robertis*
FOR REPAIR STATION B2ER144J
TOTAL TIME: 4025.6 TACH: 4025.6
DATE OF INSPECTION: 4/5/16

Repairs and Alterations
Certificate Number of
other specific entries.)

| 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.) |
|---|---------------------|---------------|-----------------------|---|
| 5/1/17 | 4045.38 | | | REPLACED FUEL BUSHINGS 452-413 Huber WHEEL BEARINGS CW AD 76-07-12 BENDIX IGNITION SWITCH CW AD 99-24-10 STANDBY VACUUM SERVICED STRUTS AD's thru 2013-02-13 completed with Log # 9019654174 |
| DATE <u>5/1/17</u> ELT TESTED IAW 91.207D BATTERY DUE <u>6/2018</u> SIGNATURE <u>[Signature]</u> CERTIFICATE NO <u>18084171A</u> | | | | A/C REG# <u>N7831N</u> DATE <u>5/1/17</u> TOTAL A/C TIME <u>4045.38</u> TACH TIME <u>4045.38</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/ 100HR INSPECTION AS PER PART 43 APP D AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION SIGNATURE <u>[Signature]</u> CERTIFICATE NO/TITLE <u>18084171A</u> |

| 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.) |
|---|---------------------|---------------|-----------------------|---|
| 11/12/17 | 4055.48 | | | |
| DATE <u>11/12/17</u> ELT TESTED IAW 91.207D BATTERY DUE <u>6/2018</u> SIGNATURE <u>[Signature]</u> CERTIFICATE NO <u>18084171A</u> | | | | A/C REG# <u>N7831N</u> DATE <u>11/12/17</u> TOTAL A/C TIME <u>4055.48</u> TACH TIME <u>4055.48</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/ 100HR INSPECTION AS PER PART 43 APP D AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION SIGNATURE <u>[Signature]</u> CERTIFICATE NO/TITLE <u>18084171A</u> |

The following altimeter and altitude reporting equipment tests and inspections as required by 14CFR 91.411, IAW 14CFR Part 43, Appendix E, have been performed.

Part (a) Static System 11/12/17 (date)

Part (b) Altimeters
 Pilot's 5934F-1 Copilot's --- Standby ---
 S/N D6872 S/N --- S/N ---

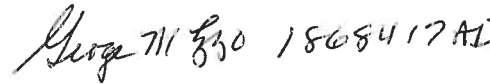
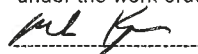
Tested to 16K feet
 Part (c) Integrated System Test 11/12/17 (date)

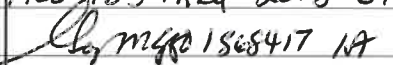
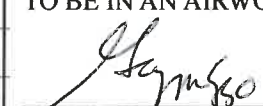
Technician [Signature] W/O# 6091
 DUNKIRK AVIONICS LLC, FAA CRS# DKZR372X

ATC Transponder test and inspections as required by 14CFR 91.413 IAW 14CFR Part 43, Appendix F, have been performed.

Transponder Model NET9030 S/N LXE 00860

Transponder Model [Signature] S/N ---
 Technician [Signature] W/O# 6091
 DUNKIRK AVIONICS LLC, FAA CRS# DKZR372X FORM 105

| 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.) |
|-------|---------------------|---------------|-----------------------|---|
| | | | | 1/29/18 N7831N TACH 4056.34 AD 2018-02-05 COMPLIED WITH NOT APPLICABLE TO THIS AIRCRAFT DIFFERENT FUEL VALVE INSTALLED OPERATIONAL CHECK AND PLACARD VERIFIED  1808417AD DUNKIRK AVIONICS Phone: 716-664-7700 3163 Airport Drive CRS# DKZR372X Jamestown, NY 14701 Work Order#6178 Date: 4/5/18 Aircraft Reg. Number: N7831N TACH: 4056.34 Updated L-3 NGT9000 software to V3.1 IAW service bulletin SB9029000-7. The above work is Approved for return service. Further details are on file under the work order.  Name: Mark Kezman |

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|-------|---------------------|---------------|-----------------------|--|
| | | | | 6/6/18 4057.05 6657.6 4057.05 LUBED AIRFRAME C/W AD 76-07-12 BENDIX 19N SWITCH C/W AD 99-24-10 STANDBY VACUUM AD 2018-02-18 NEXT DUE 5972 98 OR 2/2021 AD 2017-14-04 TYPED HOSES INSTALLED APT OF ENGINE AD 2018-07-03 N/A NOT INSTALLED ALL AD'S THRU 2018-07-03 COMPLIED WITH  1808417 1A A/C REG# N7831N DATE 6/6/18 TOTAL A/C TIME 6657.6 4057.05 TACH TIME 4057.05 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100HR INSPECTION AS PER PART 43 APP D AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION  SIGNATURE 1808417 1A CERTIFICATE NO/TYPE |