



The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer Piper Model PA32R-300
Serial 32R-7780077 Registration Number N17AR
Date of Manufacture 1977

Engine(s) currently installed:

Manufacturer Lycoming Model IO540 K1Q5D 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
20 18
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

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

6/11/18

1947.5

Serviced GASOLATOR - #751-781
755-919 762-503

Replaced SLT - #10 Due 6/20

Changed GILL G-35 BATTERY

Greased + Serviced Wheel
Bearings (3)

Brake pads - good.

Tightened ALL VALVE covers
gaskets and Return Lines.

(Continued)

8	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/18				AD. 11-26-04 Compression Liner Due 100 Hrs or Annual.
				AD. 76-07-12 Inspection Switch ops good Due 100 Hrs. / Annual.
				AD. 95-26-13 Oil Cooler HOSES C/W. Due 100 Hrs - Annual TACH - 3435.8.
				AD. 78-23-01 Fuel drain door Due 100 Hrs. TACH 3735.8.
				AD. 98-18-12 Torque check inspection C/W
				WORCESTER AIRPORT WORCESTER, MA DATE <u>6/11/18</u> TOTAL AIRCRAFT TIME <u>6017.0</u> TACH <u>3635.8</u> SMOH <u>1947.5</u> PROP <u>See Prop Book</u> I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> /100 HOUR - 50 HOUR INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. (PER FAR PART 43) MECHANIC <u>John P. Cepurano</u> TITLE NO. <u>349.27481A</u> ALL A/D. RESEARCHED + C/W

ALTIMETER SCALE CORRECTION CARD

ALT. #
1

ALT S/N 3350
P/N United 5035-P23

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

STANDARD ALTITUDE FT.	ALTIMETER READING	STANDARD ALTITUDE FT.	ALTIMETER READING
-1000	-980	14000	13940
0	0	16000	15930
500	495	18000	18910
1000	980	20000	19900
1500	1480	22000	-
2000	1970	25000	-
3000	2970	30000	-
4000	3965	35000	-
6000	5960	40000	-
8000	7950	45000	-
10000	9950	50000	-
12000	11940	51000	-
		53000	-

A/C REG. # N17AR

Twin City Airmotive
CRS# 8WTR984C

DATE 7 / 11 / 2018

TESTED BY:

Kellie Jean

N# 17AR Hobbs. 3651.1 WO# PS-18-021
Tach

FAR 91.411 has been accomplished IAW Part 43 Appendix E, Paragraph A,
B, C. The altimeter has been inspected to 20,000 feet.

Altimeter United 5035P-P23 s/n 408203

Encoder Encoding Altimeter

FAR 91.413 has been accomplished IAW Part 43 Appendix F.

Transponder Garmin GTX-330 s/n 84142287

Signed *Kellie Jean* Date 7/11/18

Twin City Airmotive, Inc., 577 Crawford Street, Fitchburg, MA 01420
Repair Station 8WTR984C

DATE

6/3/19 3672.0

66532

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

Changed Vacuum Pump AA825 CC
 4 Motor mounts - J3804-40
 Installed.

Overhauled prop governor
 SN B1285U Part # 4-11-B
 Rebuilt Brake Calipers
 O-Ring's 4-222

8 Brake pad Replaced
 066-06200

1 ALTERNATOR BELT. 864-851
 Replaced.

WORCESTER AIRPORT WORCESTER, MA
 DATE 6/3/19 TOTAL AIRCRAFT TIME 66532 3672.0

SMOH 0.00 PROP See Prop Book

I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED
 IN ACCORDANCE WITH AN ANNUAL /100 HOUR - 50 HOUR

INSPECTION, AND HAS BEEN DETERMINED TO BE IN

CONDITION. (PER FAR PART 43)

MECHANIC

TITLE NO.

John Capriano
 349 22/48-1A

Annual Cont. next page

YEAR 20 19 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/3/19	3672.0		6053.2	Annual - Cont. Replaced 6 no Blow gaskets # 72611 Replaced ALL oil + Fuel hoses - PER LIST. Replaced 12 Exhaust nuts # 1410-03639. 1 BA3 oil FILTER 1 EGT Probe MM-111 Lubricated All specific Areas Cleaned Aircraft - IN & OUT Revised AD's to date. John P. Chapman 3492748-1A

YEAR 20 19 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-3-19	3672.0		6053.2	
		AD's	11-26-04	Compressor Liner Due 100 Hrs. or Annual.
		AD	76-07-12	Ignition Switch - Op's good Due 100 Hrs - Annual
		AD's	95-26-13	Replaced. Due 100 Hrs Annual.
		AD		Fuel Drain Togh - Due 100 Hrs Annual.
		AD	98-18-12	Tongues Check in Specimen - C/W
				John Capuano 349 2748 1A

YEAR 20 _____ DATE	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.)



**RECTRIX
MRO**

32 Airport Drive

Westfield, MA 01085-1300

CRS #8RXR604D

Telephone: (413) 568-4686 Fax: (413) 562-8266

CUSTOMER	AIRCRAFT / ENGINE	MAKE	SERIAL NUMBER	MODEL
Peter Der Kazarian	N17AR	Piper	32R-7780077	PA-32R-300

DATE	WORK ORDER #
August 19, 2019	6149

This aircraft has been inspected and has been found safe for the intended flight in accordance with Special Flight Permit dated 19 AUG 2019.

Inspector

Ramiro Pereira

CRS #8RXR604D



RECTRIX MRO

32 Airport Drive

Westfield, MA 01085-1300

CRS #8RXR604D

Telephone: (413) 568-4686 Fax: (413)
562-8266

CUSTOMER	AIRCRAFT / ENGINE	SERIAL NUMBER	TT / TSN
Peter Der Kazarian	N17AR	32R-7780077	6,065.2

DATE	WORK ORDER #	HOBBS
October 4, 2019	6149	3,684.0

Complied with the following Unscheduled Maintenance:

- (1) C/W Repair to damaged Empennage. Removed damaged Stabilator and inspected surrounding area for damage. Found upper Longeron cracked in two places, Top and Right Side Skins were damaged. Performed temporary repair and installed an As Removed Stabilator P/N 68426-002 in order to obtain a Special Flight Permit from the FAA. Removed Stabilator, Rudder, and Vertical Fin. Removed Interior Trim Access to Tail Section. Drilled out Rivets securing Brackets and Shelves from Inner Supports. Drilled out Rivets on the Exterior R/H Skin Assembly. Removed Skin and installed new Skin Assembly P/N 99470-001. Fit and trimmed Skin and located Rivet holes as required. Riveted R/H Skin to Structure using Rivets P/N NAS1242AD4-4 and P/N MS20470AD4-5. Removed Antennas, Blower Assembly, and Ducting. Drilled out Rivets and removed Upper Skin Assembly. Installed new Upper Skin Assembly P/N 99468-803. Fit and trimmed Skin and located Rivet Holes as required. Riveted new Skin using new Rivets P/N NAS1242AD4-4, P/N MS20170AD405, and P/N MS20470AD4-4.5. Installed Blower Assembly with new Ducts P/N 05299189. Removed broken Stabilator Trim Cable and installed new Cable P/N 62701-47. Rigged Flight Controls I/A/W Piper Lance Service Manual Section V-Surface Controls.
- (2) C/W Repair of dent on Stabilator. Drilled out Rivets on Inner Rib to access Dent Area and smoothed out dent. Re-installed Rib with 10 ea. new Rivets P/N MS20470AD4-4. All work performed I/A/W AC43.13-1B/2A.
- (3) Found Fiberglass Duct Flanges to be broken. Cleaned and applied Fiberglass to Flanges. Trimmed Fiberglass, sanded, and drilled existing holes. All work performed I/A/W AC43.13-1B/2A.
- (4) Found Stabilator Tips to have several cracks. Repaired Cracks in Stabilator Tips by Plastic Welding, Filling, and sanding smooth. Primed and painted with Jet-Glo Matterhorn White.
- (5) Found ELT Shelf is not usable. Fabricated new Shelf from 2024 T3 .032 Aluminum. Installed using 5 ea. new Rivets P/N MS20470AD4-4 and 7 ea. new Rivets P/N CR3213-3. All work performed I/A/W AC43.13-1B/2A.

The aircraft, aircraft engine, propeller, appliance or part thereof identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service for the work performed. Pertinent details of the work performed are on file at this repair station under the work order number listed above.

Inspector

Ramiro Pereira

CRS #8RXR604D

RECTRIX MRO

32 Airport Drive

Westfield, MA 01085-1300

CRS #8RXR604D

Telephone: (413) 568-4686 Fax: (413) 562-8266

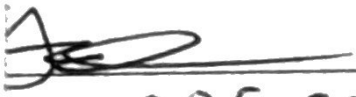
eter Der Kazarian	AIRCRAFT / ENGINE N17AR	SERIAL NUMBER 32R-7780077	TT / TSN 3686.5	WORK ORDER # 6280
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March 10, 2020

the following Unscheduled Maintenance:

ed GTX 330 Unit P/N 011-00455-60, S/N 84142287 and shipped out to add extended squitter. Completed wiring GNS 430W to GTX 330 ES
Garmin GNS 430W Series Installation Manual H-29. Installed repaired GTX 330 ES P/N 011-00455-60, S/N 84142287 I/A/W Garmin
XX Part 23 AML, STC Installation Manual B-9. Unit repaired by Garmin International, CRS #G6XR5825Y, RMA 119968615. Performed
Out Functional Test I/A/W GTX 3XXX Part 23 AML, STC Installation Manual 8-12.

raft engine, propeller, appliance or part thereof identified above was repaired and inspected in accordance with current FAA regulations and is
m to service for the work performed. Pertinent details of the work performed are on file at this repair station under the work order number listed


CRS 8RXR604D
Steve Dickinson

YEAR 20 <u>20</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/8/20	3689.4		6070.6	Lacked A/C checked gear. Rotated Op's good. Greased & lubed comp. gasolator PN 751-781-755919- 762-509.
AD 76-07-12 Benedict Sw, tech, Op's Good. Due next Annual 100 HR.	AD 78-23-01 - Fuel Selector Due painted - 100 HR. MR 93-02-05 - Fuel Injection Lines Annual - 100 HR.	Researched AD's to date - all in C/O	Changed CHT 300 gauge.	ELT BRIDIO Due Sept 22 Lubricated all specific areas - Repacked wheel bearings. New seat covers - paint skin from pipe wrap. Washed & cleaned aircraft.
				WORCESTER AIRPORT WORCESTER, MA DATE <u>6/8/20</u> TOTAL AIRCRAFT TIME <u>6070.6</u> TACH <u>3689.4</u> IMOH <u>17.4</u> PROP <u>See Prop Book</u> I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL / 100 HOUR - 50 HOUR INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. (PER FAR PART 43) MECHANIC <u>John P. Plemons</u> TITLE NO. <u>349274810</u>

YEAR 20 <u>21</u> DATE	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)
36951			AD	2020-24-16 Wing spar inspection one time - C/PW - by SHAD MAGHO Level 11 13/APRIL 21 4 Bolts New - 402-349 4 Nuts - 404-890. 8 WASKERS - 96352-03.
			AD	2020-24-05 wing spar inspection - Every Annual - 100HR. in fact.
				Removal & repair Pigt in board. Tank.
				1 Hose 639-13-92.
				1 Hose 63913-93
				Changed Hardware.
				Replaced 2 Torque plates 451-786-(2).

YEAR 20 DATE	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.)
5/18/11	3695.1		6076.3	✓ CASOLATOR - inspection - 751-871 762-503 - 755919 O rings. ✓ Replace Navigation R-way Bulb 75-12 55mm. ✓ Changed instrument Filter 757-899 Service Front Start. Checked + lubricated cables, Landing gear, complete aircraft. Researched AD's per date Separat. sheets.
WORCESTER AIRPORT WORCESTER, MA DATE <u>5/18/11</u> TOTAL AIRCRAFT TIME <u>6076.3</u> TACH <u>3695.1</u> SMOH <u>23.1</u> PROP <u>See Prop Book</u> I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100 HOUR - 50 HOUR INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. (PER FAR PART 43) MECHANIC <u>John P. Copeland</u> TITLE NO. <u>349 2748 1A</u>				

[illegible]

[illegible]

Airframe - page 1 of 1

YEAR

20

DATE _____

Aero Design Aircraft Services - 14135687300

N17AR

PIPER, PA32R-300, S/N: 32R-7780077

July 25, 2023

TACH: 3732.75HRS, ATT: 6113.95HRS, REMOVED RIGHT INBOARD FUEL TANK AND SENT FOR REPAIR BY NEW ENGLAND AERO SERVICES, SEE 337 FORM FOR DETAILS, REINSTALLED TANK AFTER REPAIR, CHECKED AND LUBED ALL FLIGHT CONTROLS, CHECKED TIRES AND BRAKES, OPS CHECKED ELT PER FAR 91.207, CHECKED ALL LIGHTS, CW AD 78-23-01 BY OPS CHECK NEXT DUE AT 100HRS TIS, CW AD 2013-02-13 BY VISUAL INSPECTION, NEXT DUE AT 2000HRS TIS OR 7 YEARS, CW AD 2017-14-04 BY VISUAL INSPECTION, NEXT DUE AT 100HRS TIS, ALL ADS CHECKED THROUGH 7/25/2023, INSPECTED THIS AIRCRAFT PER FAR 43 APPENDIX D (100HR INSPECTION), I CERTIFY THIS AIRCRAFT HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

Jared Mancini A&P 4373769

Jared Mancini

wo: WO 480

Airframe - page 1 of 1

Aero Design Aircraft Services · 14135687300

N17AR

PIPER, PA32R-300, S/N: 32R-7780077

July 25, 2023

TACH: 3703.75HRS, ATT: 6113.95HRS, ALL ADS CHECKED THROUGH 7/25/2023, INSPECTED THIS AIRCRAFT (PER FAR 43 APPENDIX D (ANNUAL/100HR), I CERTIFY THIS AIRCRAFT HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITON.

Brian Rice IA 3272916

Break the Time



Aero Design Aircraft Services - 14135687300

N17AR

PIPER, PA-32R-300, S/N: 32R-7780077

July 27, 2023

REPLACED MICRO STOP SWITCH FOR THE GEAR OVERRIDE UNDER REAR SEATS

Jared Mancini A&P 4373769

Jared Mancini

Operations

Number of
(ic entries.)

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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Airframe

N17AR MAKE: PIPER MODEL: PA32R-300 SN#: 32R-7780077
Tach: 3748.7 ATT: 3748.7 07/27/2024



CW an Annual INSP IAW Piper LANCE Inspection Report
Cleaned and lubricated wheel bearings and replaced ail brake pads replaced LH &
RH main tires and tubes
Installed new Brackett air filter element BA3
ELT operation inspected per 91.207(d), Battery expires: OCT/24
CW AD78-23-01 by visual inspection
All AD's checked for compliance through 2024-14

I certify that this Aircraft has been IAW an Annual inspection and has been
Determined to be in Airworthy Condition (Per FAR Part 43)


Dominic P. Scalera A&P/IA 2668058



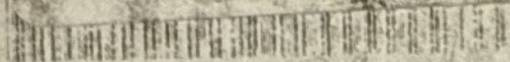
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