

*The Standard*

# AIRCRAFT LOG

ASI-54-2

**Aircraft Record** General Information

Log 4

Manufacturer

Piper

Model

Lance

Serial

32R-7780523

Registration Number

N24MT

Date of Manufacture

Engine(s) currently installed:

Manufacturer

Lycoming

Model

E0-540-KAC-60

Serial

L-16988-48A

Manufacturer

Model

Serial

Propeller(s) currently installed:

Manufacturer

Hartzell

Model

HC-C2VK-1BF

HUB Model

Serial

CH75397B

Serial

Blade Model

Serial

Serial

Serial

Blade Model

Serial

Serial

Serial

N24MT

Tach: 4650.7

T.T. : 4650.7

09/17/14

Performed Annual inspection. Cleaned & lubed aircraft.  
Checked ELT IAW FAR 91.207(d). Replaced main gear tires FCIII 600-6-8Ply.  
Resealed right brake caliper. Replaced landing light bulb.  
Performed Gear Retract test normal & emergency. Adjusted right gear up switch.  
C/W AD 76-07-12 inspection Of magneto key switch. C/W AD 78-23-01 inspection fuel valve  
All Ad's checked .

I certify that this aircraft N24MT has been inspected in accordance with  
An Annual Inspection and was determined to be in an airworthy condition

Rushing Aviation  
703 Airport Rd.  
Marks, MS 38646

Kevin Rushing

IA3412822

[illegible]

## Airframe Log Book

Date: 7-9-2015	Tach: 4745.4	Hobbs: 5346.4
Reg No: N24MT	AF TT:	ACR ELECTRONICS, Inc. ARTEX PRODUCTS - CAGE Code: 18560 Fort Lauderdale, FL 33312
Aircraft type: PA32R-300	Prop TT:	ME406 LITHIUM BATTERY PACK MnO2 PART NO: 452-6499 REV: F TSO C126 S.N.:363157-019 EXPIRATION DATE: AUG/2021 DO-227 ENV CAT D1XBC[204][204]XRXXXXXZAZZ[204]H[XXXX]XXX
Serial No: 32R7780523	Prop SMOH:	

1. Installed all new brake pads p/n 066-06200
2. Installed new nose tire Condor 5.00-5 6 ply s/n 4343S00220 Balanced and greased bearings.
3. Installed new main cabin door seal. FAA PMA p/n ADS1200-301-23 iaw manufactures instructions.
4. Installed new ELT battery p/n 452-6499 Rev F. s/n 363157-019. Next due 8/2021
5. Installed new ELT remote switch p/n 131-0001. Next due 8/2020
6. Installed new bushings and bolts in right and left main gear torque links. p/ns, NAS6604D17, NAS6605D46, NAS6605D48, 453-721, NAS6604D17
7. Installed new RH and LH aileron push rod aft rod ends. p/n CA452-334
8. Installed new RH and LH flap push rod ends (forward and aft). p/n CA452-336, CA452-335
9. Installed new shimmy dampener mounting bushing.
10. Installed new stabilizer trim barrel and bushings p/n CA65246-100, CA63530-100, 452-413.
11. Installed new stabilizer trim aft cable p/n MC62701-047
12. Ops checked good.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: July 9, 2015

Signed: 

Thomas A Ferguson AP/IA 3020594

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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.)
10-22-2015	Tach 4760.3			
	Hobbs 5364.5			
				Installed New Main gear Truss Bearings 452-368 Bolt 402-960 Spacers 21822-00 Left and Right main gear. Replaced Squat Switch 67911-008 Checked Rig, Gear Retract Check And Emergency gear Extension ops checked Good. Replaced Airconditioner Compressor with O/H unit F209R-16764 New Drive Belt 73965-010, Pulley Assy 99080-000 New Discharge Line from Compressor To Condenser New Receiver Dryer 456-615, Expansion Valve 99648-00 Cleaned & Flush System, Evacuated, Serviced, ops checked Good Inspected Airframe Complied with AD 76-67-12, ops check of mag switch AD 78-23-01 Inspection of Fuel Drain Cover. I certify that this Aircraft Has Been Inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition Chad L. Jett APT 2015770 AJ

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.)
11-20-15	Hobbs	5369.1		Installed Micro Vortex Generators per STC #SA01161SE. Refer to Form 337 this date: 11-20-15  <u>Cheryl L. Hunt</u> 2015770 A+P
1-7-16	Tach	4774.1		Install O/H Alternator By Hartzell P/N ALY6822R ops check good Re Rig NOSE gear, inspect, Rig NOSE GEAR doors Retract check, Emergency Extension check ops check OK  <u>Cheryl A+P</u> 2015770

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.)
10-25-16	<del>4765.3</del> 4778.5 Hobbs <del>5364.5</del> 5384.7			Annual inspection C/W. Clean + Lube Aircraft, Performed Gear Retraction Test Normal + Emergency + checked ELT Tow bar 91, 207-D AD 76-07-12 (mag sh) AD 78-23-01 Fuel Drain Cover, I Certify That This Aircraft Has been Inspected In Accordance with an Annual Inspection and was Determined To be in Airworthy Condition <u>Cheryl L. Hunt</u> # 2015770
Nov 9 2016				Model # GTX330 Serial # 84108363 Aircraft N 24MT Date: Nov 9 2016 Transponder system tested in accordance with part 43, Appendix "F" & Appendix "G", Subpart (c) for compliance with FAR 91.413. Signature: <u>[Signature]</u> Work Order # 9799 MUELLER AVIONICS, INC. CRS # QYVR044J

12-05-17  
N24MT S/N 32R 7780523  
Hobbs 5400.1 *Tach*

Charles L. Troutman 2015770 A&P IA

, Rating and Certificate Number of  
ck pages for other specific entries.)

YEAR  
20  
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## RECORDING TACH TIME

## TODAY'S FLIGHT

**TOTAL  
TIME IN  
SERVICE**

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

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

12/14/2017

Hobbs 5402.4

Tach 5402.4

Manifold pressure/fuel flow indicator removed, overhauled by Aero Mech Labs. Reinstalled, leak checked, ops checked, Aircraft returned to service.

Chas L. Lutz

Charles L Troutman 2015770 AP

2/1/2017

Hobbs 5411.0

Tach 4802.3

JPI FS 450 Fuel flow indicator removed sent to JP Instruments for Repair, reinstalled. Ops checked, aircraft returned to service

Chas L. Lunt

Charles L Troutman 2015770 AP



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

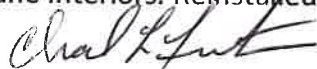
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

4/16/2017 CR7

Tach 4805.4

Hobbs 5414.4

Aircraft side windows removed, installed new windows  
Manufactured by Great Lakes Aero. Part numbers W/XT-2137-  
187 L/H, W/XT-2135-187 L/H, W/XT-2138-187 L/H, W/XT-2138-  
187 R/H, W/XT2282-187- Pilots, W/XT 2133-187- Door. Interior  
side panels, carpet, seats removed, Reupholstered by Dan  
Howard Plane Interiors. Reinstalled, Flame test supplied to  
customer.



Charles L Troutman 2015770 AP

4/20/2017

Tach 4805.4

Hobbs 5414.4

Reweighed N24MT, PA- 32R-300, S/N 32R-7780523  
Engine Lycoming IO 540 K1G5D propeller Hartzell  
HC-C3YR-1RF-7693F

Weight  
Nose 605  
L/main 845  
R/main 853

Arm  
14.4  
109.8  
109.8

Moment  
8712  
92781  
93659

Computed

Total 2303

194659

Arm 84.3

Charles L Troutman 2015770 AP



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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3/19/2014 *CLT*  
Tach 4817.0  
Hobbs 5427.0

Annual inspection complied with. ELT inspected in accordance With FAR 91.207(D) lubed airframe preformed gear retraction, extension, emergency extension checked good. Replaced air filter with new. AD78-23-01 fuel drain cover, ops check good. AD 76-07-12 Ops check good. Cleaned and packed wheel Bearings. I certify that this aircraft has been in accordance with an annual inspection and was determined to be in an airworthy Condition.

*Charles L Troutman*

Charles L Troutman 2015770 AP IA

March  
20  
2019

Model # *GTX 330* Serial # *84108363*  
Aircraft N *24 MT* Date: *March 20 2019*  
Transponder system tested in accordance with part 43, Appendix "F" & Appendix "E", Subpart (c) for compliance with FAR 91.413.  
Signature: *James Mueller* Work Order # *10667*  
MUELLER AVIONICS, INC. CRS # QYVR044J

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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March  
20  
2019

Model # *5934P-1* Serial # *15332*  
Aircraft N *24 MT* Date: *March 20 2019*  
Altitude Reporter & Static System tested in accordance with Part 43, Appendix "E" for compliance with FAR 91.411  
Altitude Tested to *20K ft* Work Order # *10667*  
Signature: *James Mueller*  
MUELLER AVIONICS, INC. CRS # QYVR044J

Xpress Aircraft Maintenance 2701 Spence Place, Knoxville TN 37920

**N24MT Airframe Entry**

Date 6/17/19

Tach: 4822.7

Piper PA32R-300 S/N 32R-7780523

AFTT:


Hobbs: 5433.3

Pitch trim INOP. Removed pitch servo and bench checked, cleaned sticking clutch, bench check good. Checked wiring to pitch trim switch, found incorrectly wired. Removed pitch trim switch, bench checked good. Traced wires, re-wired per WM and reinstalled switch, OP/C good.

I CERTIFY THIS AIRCRAFT IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

Ryan Adam Bratcher A&P 3349981 IA



Xpress Aircraft Maintenance 2701 Spence Place, Knoxville TN 37920		ations ber of tries.)
N24MT Airframe Entry		
Date 5/12/2021	Tach: 4889.6	
1977 Piper PA32R-300 S/N 32R-7780523	AFTT: 4889.6	Hobbs: 5505.0
C/W Annual Inspection IAW FAR 43.D. C/W FAR 91.207D ELT Inspection, no defects noted. R/R ELT battery pack with new P/N 452-6499, expires 06/2028. Serviced fuel strainer. R/R air filter with new P/N BA-3. Serviced wheel bearings. R/R LH main tire and tube with new tire P/N 606C86-6 S/N 01960284 and new tube P/N 092-500-0 Lot 46/2020. R/R nose tube with new P/N 097-908-0 Lot 01/2019. R/R LH brake caliper orings with 2ea new P/N MS28775-222. R/R shimmy dampener with new P/N 456-016, installed with new hardware. R/R RH main tire and tube with new tire P/N 606C86-6 S/N 01980279 and new tube P/N 092-500-0 Lot 45/2020. R/R ELT antenna with new P/N A3-06-2892-1 S/N 387275-030. R/R main battery with new P/N RG-35AXC S/N 41137567. R/R nose gear up limit switch with new P/N CA67411-006.		
Ground ran. Operational check good.		
I CERTIFY THIS AIRCRAFT IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.		
Ryan Adam Bratcher A&P 3349981 IA		
		

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YEAR  
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Log Book

N24MT

Model PA-32R-300  
S/N 32R-7780523

Date 20May21

HOBBS: 5508.8

- Removed, repaired (under CRS# G6XR582Y WO# 134775413 DATED: 28APR2021), and reinstalled GNS-430W P/N: 011-01060-40 S/N: 97104690 using procedures prescribed in GNS-430W IM 190-00356-02, Rev. M, Jul2017.
- Replaced Encoder P/N: SSD120-30AA-RS232 S/N: SRA-8716 with form/fit/function/same TSO P/N: SSD120-30NN-RS232 S/N: SRN-28255.
- Performed FAR 91.411/413 Altitude Indicating/Correlating, Transponder, and Static Leak/Operational Checks ok to 20,000ft using procedures prescribed in FAR 43 App. E&F, to include on (under CRS# 9OVR452D W/O PW133-1287, Dated 20May21:

	Altimeter	Transponder	Encoder
P/N	5934P-1	(GTX-330ES) 011-00455-60	SSD120-30NN-RS232
S/N	J5332	84108363	SRN-28255

I certify that the aircraft has been inspected/repared in accordance with current FARs and was determined to be in an airworthy condition and is approved for return to service.

Reference [Providence Industrial Corporation - Avionics](#) WO Ref # - PW1287.

FAA Cert A # 3585085

Xpress Aircraft Maintenance 2701 Spence Place, Knoxville TN 37920  
N24MT Airframe Entry

Date 6/15/2021

1977 Piper PA32R-300 S/N 32R-7780523

AFTT: 4903.0

Tach: 4903  
Hobbs: 5519.5

R/R crankshaft seal with new P/N 78443. R/R prop seal with new P/N A1633-11. R/R nose actuator seals with 1ea. new P/N M83461/1-122, MS28775-120, MS28775-110. Serviced with 5606. Ground ran. Leak check good.

I CERTIFY THIS AIRCRAFT IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

Ryan Adam Bratcher A&P 3349981 IA

*Ryan Adam Bratcher*

YEAR  
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DATE

Xpress Aircraft Maintenance 2701 Spence Place, Knoxville TN 37920

N24MT Airframe Entry

Date 8/2/2021

1977 Piper PA32R-300 S/N 32R-7780523

AFTT: 4905.5

Tach: 4905.5

Hobbs:

Removed alternator, voltage regulator and over voltage control unit and sent off to Aerotech of Louisville, CRS# PU4R453M for testing. Reinstalled alternator, voltage regulator and over voltage control unit. Repaired alternator field wire and fuse holder. Ground ran. Operational check good.

I CERTIFY THIS AIRCRAFT IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

Ryan Adam Bratcher A&P 3349981 IA

*Ryan Adam Bratcher*

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Xpress Aircraft Maintenance 2701 Spence Place, Knoxville TN 37920

N24MT Airframe Entry

Date 5/20/2022

1977 Piper PA32R-300 S/N 32R-7780523

AFTT: 4959.8

Tach: 4959.8

Hobbs: 5580.4

C/W Annual Inspection IAW FAR 43.D. C/W FAR 91.207D ELT Inspection, no defects noted. ELT Batteries due June 2028. Serviced fuel strainer. R2 air filter with new P/N BA-3. R2 nose wheel bearings w/new 2ea. P/N LM67010-20629 cup & LM67048-20629 Serviced wheel bearings. R/R central vac filters w/new P/N AAD9-18-1 & AAB3-5-1. R2 brake linings w/new P/N 066-06200. Resealed RH brake caliper, serviced and bled brakes. R2 fuel cap gaskets w/new P/N 66815-00. Repaired wire terminal to cig lighter. Performed gear swings, adjusted up switch. Replaced A/C compressor fitting seals, vacuumed system & serviced w/R134A. Ground ran. Operational and leak checks good.

I CERTIFY THIS AIRCRAFT IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

Ryan Adam Bratcher A&P 3349981 IA

*Ryan Adam Bratcher*



YEAR  
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Xpress Aircraft Maintenance 2701 Spence Place, Knoxville TN 37920  
**N24MT Airframe Entry**

Date 12/19/2022 Tach: 4997  
1977 Piper PA32R-300 S/N 32R-7780523 AFTT: 4997.0 Hobbs: 5620

R2 RH brake caliper assy w/new 061-02500. Serviced & bled system.

I CERTIFY THIS AIRCRAFT IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED  
AND IS APPROVED FOR RETURN TO SERVICE.

Ryan Adam Bratcher A&P 3349981 IA

*Ryan Adam Bratcher*

wo: D23115

Airframe - page 1 of 1



Xpress Aircraft Maintenance, LLC - 2701 Spence Place - Knoxville, TN 37920 - 865-850-8215

**N24MT** **PIPER, PA-32R-300, S/N: 32R-7780523** **May 24, 2023**  
HOBBS: 5621.4 TACH: 4997.9

1. C/W ANNUAL INSPECTION IAW FAR 43.D.
2. C/W ELT INSPECTION, ELT CHECK GOOD. BATT DATE JUN 2028.
3. SERVICED FUEL STRAINER Installed P/N MS29513-043 - O-RING, PREFORMED.
4. CHECKED AIR FILTER Installed P/N BA-3 - FILTER.
5. SERVICED WHEEL BEARINGS Installed (2) P/N MS24665-360 - Cotter Pin, Installed P/N MS24665-132 - Cotter Pin.
6. CHECKED BRAKES. Brake Disc Min. - .405", RH MLG Brake Disc Thickness - .400", LH MLG Brake Disc Thickness - .400"; Linings check good.
7. SERVICED STRUTS. Installed P/N MS35207-259 - HARDWARE, Installed P/N S1450-3-12-032 - WASHERS, Installed P/N AN4-13 - Hex Bolt, Installed P/N AN4-17 - Hex Bolt, Installed (2) P/N MS24665-132 - Cotter Pin, Installed P/N 565-186 - Flexible Hose S/N: LOT: L-071822021, Installed P/N 465-287 - Flexible Hose S/N: LOT: L-062222019, Installed (6) P/N AN960-416L - Washer, Installed (2) P/N AN310-4 - NUTS, Installed (2) P/N AN960-416 - Washer.
8. RH INBOARD FUEL TANK LEAK. Removed RH inboard fuel tank. Installed P/N 63913-093 - Fuel tank Assembly Hose S/N: LOT: L-121222001, Installed P/N 63913-092 - Fuel Tank Hose S/N: LOT: L-072822026, Installed (2) P/N MS27039-08-12 - HARDWARE, Installed (10) P/N MS27039-08-09 - HARDWARE, Installed P/N 6204012 - CLAMP.
9. Washed Aircraft.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Xpress Aircraft Maintenance, LLC under work order: D23115.

Ryan Adam Bratcher A&P IA 3349981

*Ryan Adam Bratcher*

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wo: D23154

Airframe - page 1 of 1



Xpress Aircraft Maintenance, LLC - 2701 Spence Place - Knoxville, TN 37920 - 865-850-8215

**N24MT** **PIPER, PA-32R-300, S/N: 32R-7780523** **June 06, 2023**  
HOBBS: 5625.1 TACH: 5000.7

1. R&R Vacuum Pump. Removed old vacuum pump S/N: N28722. Replaced with new. Installed P/N AA3215CC - Vacuum Pump S/N: 12X924.
2. Charge A/C system. Installed (10) P/N R134a - Freon per oz.

All Work Performed in Reference with Applicable Maintenance Manuals.

With respect to the work performed, this AIRFRAME is approved for return to service.

Daniel Van Cleef Apprentice

*DV-C*

Ryan Adam Bratcher A&P IA 3349981

*Ryan Adam Bratcher*

wo: D23283

Airframe - page 1 of 1



Xpress Aircraft Maintenance, LLC - 2701 Spence Place - Knoxville, TN 37920 - 865-850-8215

**N24MT** **PIPER, PA-32R-300, S/N: 32R-7780523** **September 11, 2023**  
HOBBS: 5667.7 TACH: 5039.0

2. Search for A/C Leaks. Leak detected at low side fill port. R&R fill port adapter and valve core with new. Pull vacuum on system & test for 30 min. No drop in vacuum. Serviced system with R134a Freon. Installed (30) P/N R134a - Freon per oz, Installed P/N AN809-1 - VALVES.
3. Flip main tires on rims.

With respect to the work performed, this airframe is approved for return to service.

Ryan Adam Bratcher A&P IA 3349981

*Ryan Adam Bratcher*

Ryan Adam Bratcher A&P IA 3349981

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Description of Inspections, Tests, Repairs and Alterations  
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wo: D24175

Airframe · page 1 of 1

Xpress Aircraft Maintenance, LLC · 2701 Spence Place · Knoxville, TN 37920 · 865-850-8215

N24MT  
HOBBS: 5708.1

PIPER, PA-32R-300, S/N: 32R-7780523  
TACH: 5077.5

June 11, 2024

1. C/W Airframe Annual Inspection IAW FAR 43.D. Installed P/N AAD9-18-1 - FILTER.

2. Performed ELT Inspection IAW FAR 91.207D. No defects noted. Battery Expires: June 2028.

3. Serviced fuel strainer. Installed P/N MS29513-043 - O-RING, PREFORMED, Installed P/N MS29513-009 - O ring.

4. R&R air filter element. Installed P/N BA-3 - FILTER.

5. Serviced wheel bearings. Installed P/N AN960-516 - Washer.

6. R/R LH and RH MLG tire and tube. Installed P/N 302-246-401 - Tube, 15/6.00-6, Installed P/N 606C86-6 - GYFC III S/N: RH 40320082, Installed P/N 606C86-6 - GYFC III S/N: LH: 40430209, Installed P/N 302-246-401 - Tube, 15/6.00-6.

7. Checked brakes. R/R RH and LH MLG brake discs and linings. Installed (6) P/N 066-06200 - BRAKES, Installed (2) P/N 066-06200 - Cleveland Brake Lining, Installed (2) P/N 154-12000 - Bearing Seal, Installed (2) P/N MS24665-362 - Cotter Pin, Installed (2) P/N 164-21600 - Brake Disc.

8. Removed parking brake cylinder to reseal. Serviced cylinder with new seals throughout and reinstalled. Bled brakes. Ops check good. Installed P/N 199-507 - KIT: REP, SEAL, ORING.

9. Serviced struts. Performed gear swing. Ops check good.

10. Checked and cleared fuel flow vent line from fuel flow gauge to engine baffle. Ops check good.

With respect to the work performed, this AIRFRAME is approved for return to service.

Ryan Adam Bratcher A&P IA 3349981

wo: D25203

Airframe · page 1 of 1

Xpress Aircraft Maintenance, LLC · 2701 Spence Place · Knoxville, TN 37920 · 865-850-8215

N24MT  
TACH: 5103.1

PIPER, PA-32R-300, S/N: 32R-7780523

August 14, 2025

1. C/W 100Hr inspection IAW FAR 43.D. ADs checked, verified by Biweekly check 2025-16. See AD compliance list for details.

2. C/W ELT Inspection IAW FAR 91.207D. No discrepancies found. ELT exp: JUN/2028.

3. Serviced fuel strainer. Installed P/N MS29513-043 - O-RING, PREFORMED, Installed P/N MS29513-009 - O ring.

4. R/R induction and instrument air filters. Installed P/N BA-3 - FILTER, Installed P/N AAD9-18-1 - FILTER.

5. Removed, cleaned, inspected and serviced wheel bearing and inspected brakes. No discrepancies found. Installed (2) P/N MS24665-362 - Cotter Pin, Installed (2) P/N ms28775-222 - PACKING.

6. Performed GVI of NLG and MLG struts. R/R NLG landing gear assembly. Resealed NLG strut and replaced pivot bushings and hardware. Serviced NLG strut. Installed (2) P/N MS24665-132 - Cotter Pin, Installed P/N ms28775-227 - PACKING, Installed P/N MS28775-327 - O-Ring, Installed (4) P/N CA67026-011 - Bushing, Installed (2) P/N AN7-42 - HARDWARE, Installed P/N MS29513-009 - O ring, Installed P/N MS29513-043 - O-RING, PREFORMED, Installed P/N MS35207-259 - HARDWARE, Installed P/N MS35769-10 - GASKET, Installed P/N MS35769-24 - GASKET, Installed (2) P/N MS24665-285 - Cotter Pin, Installed (2) P/N MS24665-134 - Cotter Pin.

7. R/R ignition switch with new. Installed P/N 10-357210-1 - Switch, IGN & ST.

8. Serviced A/C with R-134a. Installed (30) P/N R134a - Freon per oz.

9. C/W AD 78-23-01 By inspection, no defects noted.

10. C/W AD 2013-02-13 IAW SB 1245A. No defects noted.

All Work Performed in Reference with Applicable Maintenance Manuals.

With respect to the work performed, this AIRFRAME is approved for return to service.

Ryan Adam Bratcher A&P IA 3349981

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TIME IN  
SERVICE

# Description of Inspections, Tests, Repairs and Alteration

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

wo: D25203

Airframe · page 1 of 1



Xpress Aircraft Maintenance, LLC · 2701 Spence Place · Knoxville, TN 37920 · 865-850-8215

**N24MT**

**PIPER, PA-32R-300, S/N: 32R-7780523**

**August 14, 2025**

TACH: 5103.1

C/W Annual inspection IAW FAR 43.D. All Work Performed in Reference with Applicable Maintenance Manuals.

With respect to the work performed, this **AIRFRAME** is approved for return to service.

Ryan Adam Bratcher A&P IA 3349981





Thoroughbred Aviation Maintenance, Inc.  
FAA CRS# R81R199Y  
Airframe

Date: 30/OCT/2025  
AC: N24MT

WO: A25194  
Type: Piper PA-32R-300

AC SN: 32R-7780523

Tach: 5105.2

Hobbs: 5737.3

1. Found trim switch wires broken and shorted on bottom of trim switch. Resoldered trim switch wiring. Trim function checked good.

END

MAINTENANCE RELEASE

The aircraft/article identified was repaired/serviced/inspected in accordance with current FAA regulations and was found airworthy for return to service. Pertinent details of the repair/service/inspection are on file at this agency under Work Order# A25194 Date: 30/OCT/2025

Signed: *Paul D. Decker*

For CRS: R81R199Y

Form TAM006-03/22

ALTIMETER SCALE CORRECTION CARD

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
-1000	-980	14000	13950
0	0	16000	15940
500	500	18000	17920
1000	1000	20000	19920
1500	1500	22000	
2000	2000	25000	
3000	3000	30000	
4000	4000	35000	
6000	6000	40000	
8000	8000	45000	
10000	9980	50000	
12000	11980		
Tested By: <i>Paul D. Decker</i>		N24MT	Date: 10-02-25



Thoroughbred Aviation Maintenance, Inc.  
4316 Hangar Drive  
Lexington, KY 40510  
FAA CRS # R81R199Y



THOROUGHbred AVIATION MAINTENANCE, INC.  
4316 HANGAR DRIVE  
LEXINGTON, KY 40510  
CRS#R81R199Y

SYSTEM TEST DATE: 10-02-25 WORK ORDER: A25194 TACH: 5105.2 HOBBS: 5737.3

AIRCRAFT REG# N24MT AIRCRAFT SERIAL #: 32R-7780523

AIRCRAFT MAKE/MODEL: PIPER PA-32R-300

I HEREBY CERTIFY THAT THE ALTIMETER, ENCODER, AND STATIC SYSTEM TESTS/INSPECTIONS REQUIRED BY 14 CFR §91.411 HAVE BEEN PERFORMED AND MEET SPECIFICATIONS SET FORTH IN 14 CFR 43 APPENDIX E.

ALTIMETER TESTED TO 20,000 FEET

ENCODER TESTED TO 20,000 FEET

I HEREBY CERTIFY THAT THE ATC TRANSPONDER TEST/INSPECTION REQUIRED BY 14 CFR §91.413 WAS PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.

#1 TRANSPONDER MAKE: GARMIN MODEL NUMBER: GTX 330 SERIAL NUMBER: 84108363

TESTED BY: *Paul D. Decker*

Cert# 4136889

Form TAM021-03/24