

N12ST

# AIRCRAFT LOG



## AIRCRAFT DESCRIPTION

Registration No. N12ST

Model: PA-32R-301T

Popular Name: SAGGRATOOGA II TC

Serial No.: 3257412

P6293HD

P2304HD

Type Certificate No.: A350

P1185HD

P1227HD

Colors: SNOW WHITE/TURQUOISE GREEN MET & PLATINUM MET/LIGHT BURGUNDY MET

Engine Manufacturer: LYCOMING

Serial Numbers: Single L-12236-61A

Original Engine Model: TIO-540-AH1A

Left \_\_\_\_\_

Right \_\_\_\_\_

Propeller Manufacturer: HARTZELL

Hub or Serial Number: Single HK1159B

Original Propeller Model: HC-I3YR-IRF

Left \_\_\_\_\_

Right \_\_\_\_\_

### Blade Numbers

Left

Right

K28866

\_\_\_\_\_

K28867

\_\_\_\_\_

K28865

\_\_\_\_\_

**2006 MODEL**

## **COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES**

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
FEB 03 2006	Brought Forward →	12.0	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.	
			Dated <u>FEB 03 2006</u>	
			<u>John H. Bentley</u>	ODARF-511281-CE
			<b>JOHN H. BENTLEY</b>	
			THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. THE ALTIMETER(s) HAVE BEEN TESTED TO <u>20,000</u> FT. ON (Pri) <u>12/6/05</u> (Sec) <u>9/7/05</u>	
			SIGNED <u>John H. Bentley</u> DATE <u>FEB 03 2006</u>	
			<b>JOHN H. BENTLEY</b>	
			The ELT is installed per FAR 91 207. Battery re- placement date <u>OCT 2007</u>	
			<u>John H. Bentley</u>	<b>JOHN H. BENTLEY</b>
Total To Carry Forward	[REDACTED]	12.0	ODARF-511281-CE The New Piper Aircraft, Inc.	

Registration No. N12ST

and Remarks

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

ATC Transponder:

1. Make Garmin Model GTX330 S/N 84115633

2. Make NA Model NA S/N NA

Details of this inspection are on file at this facility under

S/N 3257412 Date 1/17/06

Q.A. Inspector John H. Bentley JOHN H. BENTLEY

THE NEW PIPER AIRCRAFT, INC.

VERO BEACH, FLORIDA

THE AUTOMATIC PRESSURE ALTITUDE  
REPORTING EQUIPMENT TEST REQUIRED BY  
FAR PART 91.217 HAVE BEEN PERFORMED THIS

DATE: 1/17/06 SIGNED John H. Bentley

JOHN H. BENTLEY

Signature

Certificate No.

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

MAKE: Piper  
 MODEL: PA-32R-301T  
 S/N: 3257412  
 REG. NO: N12ST  
 WORK ORDER: 1928-02-2006

**The New Piper Aircraft, Inc.**  
 2926 Piper Drive  
 Vero Beach, FL 32960  
 Repair Station No. ZPAR410X

DATE: 2/9/2006  
 TTA: 14.10  
 HOBBS: 14.10

## Airframe Entries

Annunciator not dimming correctly. Complied with EO 104445. Removed dimmer box, removed resistor p/n 599-179, installed resistor p/n 694-030 and installed dimmer box. Ground test acceptable....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and with respect to the work performed is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE: 2/9/2006

SIGNED:



WORK ORDER: 1928-02-2006

Certified Repair Station No. ZPAR410X

Printed by EBis (<http://www.datcomedia.com>)

Total To Carry Forward	XXXXXXXXXX			
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Registration No. \_\_\_\_\_



## LOG BOOK ENTRY

580 Airport Road  
Rock Hill, SC 29732  
803-366-5108  
CRS #C41R727N

N12ST  
W/O 62196

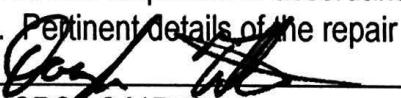
Airframe Entry  
Hobbs. Time: 20.4

March 15, 2006  
S/N: 3257412

1. Avidyne MFD display is unreadable. Removed MFD P/N: 700-00004-006, S/N: 20308415 and sent to Avidyne for repair. Reinstalled rebuilt MFD P/N: 700-00004-006 S/N: 20308415 in aircraft. Unit was rebuilt by Avidyne Corporation on their W.O. RA20440 dated March 14, 2006. Power checked MFD; no defects noted.

### MAINTENANCE RELEASE

The 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 agency under

Work Order No 62196 Date: March 15, 2006 Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

## LOG BOOK ENTRY

580 Airport Road  
 Rock Hill, SC 29732  
 803-366-5108  
 CRS #C41R727N

#~~SP~~ N12ST

W/O 62160

Airframe Entry  
 Hobbs. Time: 18.9

March 2, 2006  
 S/N: 3257412

1. MFD is unreadable - Removed MFD P/N: 700-00004-006 S/N: 20308415 from aircraft and sent off for repair. Reinstalled rebuilt MFD P/N: 700-00004-006 S/N: 20308415 in aircraft. Unit was rebuilt by Avidyne Corp. on their W.O. RA20284 on February 24, 2006. Power checked MFD; no defects noted.
2. Replaced compass light bulb PN: GE-327. Ops ck good.

### MAINTENANCE RELEASE

The 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 agency under

Work Order No.62160 Date: March 2, 2006 Signed

Box 37507, Rock Hill, SC 29732.

for Skytech, Inc., PO

CRS# C41R727N

Total To Carry Forward				
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Registration No. \_\_\_\_\_

No.



## LOG BOOK ENTRY

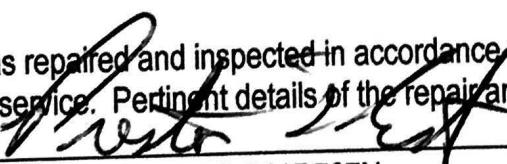
580 Airport Road  
Rock Hill, SC 29732  
803-366-5108

N12ST  
W/O 62327

Airframe Entry  
Hobbs: 66.5

June 2, 2006  
S/N: 3257412

1. C/W Warrantable first 50 hr inspection IAW Piper PA32R-301T Inspection Report PN 765-037, dated March 1, 2006
2. Adjusted aileron tensions to within limits and checked rigging IAW Piper MM chap 27.
3. Adjusted rudder tensions to within limits and checked rigging IAW Piper MM chap 27.
4. Adjusted stabilator tensions to within limits and checked rigging IAW Piper MM chap 27.
5. R/R fuel selector PN 69735-05 SN 1187 with new fuel selector from Piper PN 69735-05 SN 1250. Ref Piper Sales Order 301988 dated June 1, 2006. All Work performed IAW Piper PA32R-301 AMM, Ch 28-20-00

The 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 agency under Work Order 62327 Date: June 2, 2006 Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

# AIRCRAFT LOG

Aircraft Time



## LOG BOOK ENTRY

580 Airport Road  
Rock Hill, SC 29732  
803-366-5108  
CRS #C41R727N

N12ST  
W/O 62319

Airframe Entry  
Hobbs. Time: 126.3

June 30, 2006  
S/N: 3257412

1. Installed TAS600 traffic system processor P/N 70-2420-7TAS600, S/N 060468, transponder coupler P/N 70-2040, S/N 060536, top antenna P/N S72-1750-31L, S/N 3493 and bottom antenna P/N S72-1750-32L, S/N 3514. See form 337 for continued airworthiness instructions. All work performed IAW Avidyne TAS600 installation manual # 32-2351 rev.4. Performed TAS performance checks IAW Avidyne install manual. Aircraft weight and balance data has been updated and placed in the aircraft's permanent records.
2. Install four Bose headset jacks P/N 15999. Two in pilots positions, two in passenger area. Installed Headset jacks IAW Bose installation drawings supplied with connectors. This is considered a minor alteration. No weight and balance changes.
3. Removed Garmin GMA 340 audio panel P/N 011000401-10, S/N 96275341 and installed customer supplied PMA8000-SR audio panel S/N 050300000182. This is considered a minor alteration. No weight and balance changes. Ops check IAW PS engineering install manual.
4. Fabricated accessory plug mount and installed new 24VDC outlets on center pedestal. All work performed IAW AC 43.13.1B. This is considered a minor alteration. No weight and balance changes.

1 of 2

To:  
Ca

Registration No. \_\_\_\_\_

No. \_\_\_\_\_



## LOG BOOK ENTRY

580 Airport Road  
Rock Hill, SC 29732  
803-366-5108  
CRS #C41R727N

### MAINTENANCE RELEASE

The 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 agency under Work Order No62319 Date: June 30, 2006 Signed Douglas A. Tolle for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

# AIRCRAFT LOG



## LOG BOOK ENTRY

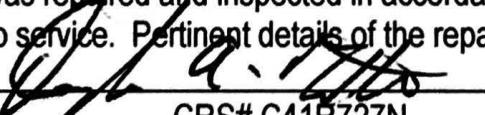
nce  
580 Airport Road  
Rock Hill, SC 29732  
803-366-5108  
CRS #C41R727N

N12ST  
W/O 62319

Airframe Entry  
Hobbs: 135.2

July 5, 2006  
S/N: L-12236-61A

1. Complied with Avidyne S/B 601-00004-069 EX5000 530-00180-002 Rev. 00 to Rev. 01 Field Loadable Software Upgrade I/A/W S/B instructions. MFD upgrade to Rev. 6.1 accomplished by upgrading software from part number 530-00180-002 Rev. 00 to part number 530-00180-002 Rev. 01.

The 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 agency under Work Order 62319 Date: July 5, 2006 Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

Carry Forward



Registration No. \_\_\_\_\_

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580 Airport Road  
Rock Hill, SC 29732  
803-366-5108

## LOG BOOK ENTRY

N12ST	Airframe Entry	August 9, 2006
W/O 62424	Hobbs: 200.0	S/N: 3257412

1. Adjusted manifold pressure IAW Piper PA32 MM. Ground run and performance checks good.
2. Adjusted idle and mixture settings IAW Piper PA32 MM 73-10. Performed ground runs, ops check good.
3. *Transponder has no audio output and Autopilot has no aural warnings.* Inspected audio wiring between GTX 330 transponder and PS 8000-SR audio panel. Inspected audio wiring between STEC 55X autopilot and PS 8000-SR audio panel. Found Piper original wiring connection for audio HI bad. Removed avionics console and trays for access and installed new audio wire from GTX 330 to PS 8000-SR I/A/W Garmin GTX 330 Install Manual and PS Engineering PMA8000-SR Wiring Document 120-881-0105. Programmed and ops checked GTX 330 audio operation I/A/W Garmin GTX 330 Install Manual; no defects noted. Installed new audio wire from 55X autopilot to PS 8000-SR I/A/W STEC 55X autopilot install drawing 76987 and PS Engineering PMA8000-SR Wiring Document 120-881-0105. Powered up and checked audio output from STEC 55x autopilot; no defects noted. Reinstalled avionics console and trays.

### Maintenance Release

The 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 agency under

Work Order 62424 Date: August 9, 2006 Signed Tim Loman for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# 041R727N

# AIRCRAFT LOG



## LOG BOOK ENTRY

580 Airport Road  
Rock Hill, SC 29732  
803-366-5108  
CRS #C41R727N

N12ST	Engine Entry	October 3, 2006
W/O 62505	Hobbs: 259.2	S/N: L-12236-61A

1. Removed PMA 8000-SR audio panel P/N: 050-880-0100 S/N: E05215 and tray from aircraft. Installed Garmin GMA 340 audio panel P/N: 011000401-10 S/N: 96275341 and tray I/A/W Garmin GMA 340 Installation Manual. GMA 340 was the original audio panel installed in this aircraft. No defects noted I/A/W GMA 340 Installation Manual. Negligible weight and balance change. This is considered a minor alteration.

The 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 agency under Work Order 62505 Date: October 3, 2006 Signed John A. Miller for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732. CRS# C41R727N

Carry Forward

Registration No. \_\_\_\_\_

No. \_\_\_\_\_



## LOG BOOK ENTRY

N12ST  
W/O 24531

Airframe Entry  
Hobbs: 290.0

P.O. Box 4942  
Baltimore, MD 21220  
(410) 574-4144  
CRS #LF1R294K

January 23, 2007  
S/N 3257412

1. Installed new nose baggage light switch P/N: 37939-002.
2. Installed new air conditioning compressor suction hose P/N: 566-342.
3. Blended nicks from forward cabin door jamb.
4. Replaced bad Mute switch. Ops check-satisfactory.

-----END-----

### MAINTENANCE RELEASE

The 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 agency under Work Order No. 24531 Date: 23 Jan. 07

Signed Deemej for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K



## LOG BOOK ENTRY

580 Airport Road  
Rock Hill, SC 29732  
803-366-5108

N12ST  
W/O 62761

Airframe Entry  
Hobbs: 302.1 Total- 302.1

March 23, 2007  
S/N:3257412

1. Complied with Annual Insp per PA32R-301T maint manual.
2. Checked Elt per 91.207(D). Due @ 10/07.
3. Complied with AD 2002-26-01 fuel injector line assembly insp.
4. Serviced landing gear struts with 5606 and nitrogen to specs.
5. Adjusted passenger door for proper operation.
6. Secured T.K.S lines in left wing.
7. Torqued left wing fuel sender unit mounting hardware to specs.
8. Sealed left and right MLG bottom aft wing fairings.
9. Serviced oxygen to 1750psi.
10. Taped misc areas around and under T.K.S bladder to prevent chaffing.
11. Completed Annual T.K.S. tank outlet strainer cleaning and inspection.
12. Updated #1 and #2 GNS 430 databases to version DGRM75 Cycle 0703. Updated EX5000 MFD Navdata to version DAVD13 Cycle 0703. Updated EX5000 MFD Chartview to version 05-2007.
13. Completed Mid-Continent standby attitude indicator battery capacity checks. Battery failed capacity checks. Removed battery, P/N 9015607, no serial number. Installed new charged battery, P/N 9015607. Performed standby attitude indicator checks IAW Piper POH. Ops check good.
14. Ad's checked through 2007-4.

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

### MAINTENANCE RELEASE

The 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 agency under Work Order 62761 Date: March 23, 2007 Signed W. L. Johnson for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732. CRS# C41R727N

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.



AIRFRAME RECORD  
ENTRY

Registration	N12ST
Model No.	PA32R-301T
Serial No.	3257412

Cutter Aviation San Antonio, Inc.  
367 Sandau Rd.  
San Antonio, Texas 78216  
FAA Repair Station No. U7TR491Y  
Phone 210) 384-3388 Fax 210) 384-3394

Hour Meter	336.5
Total Time	336.5
Landings	

1. C/W PIPER MSB 1161 RIB ASSEMBLY INSPECTION/MODIFICATION BY INSTALLATION OF REINFORCEMENT KITS P/N 767-397 (LH) AND 767-398 (RH) IAW KIT DRAWING #88373, REV. G. PERFORMED GEAR RETRACTION TESTS IN NORMAL AND EMERGENCY MODES. ALL GEAR OPERATIONS AND INDICATIONS NORMAL. WEIGHT AND BALANCE CHANGE NEGLIGIBLE. NO FURTHER ACTION REQUIRED ON THIS SERVICE BULLETIN.
2. SERVICED OXYGEN SYSTEM WITH AVIATOR'S BREATHING OXYGEN IAW PA32R-301T MM CHAPTER 12-10-00.
3. SERVICED TKS SYSTEM WITH AL5 FLUID IAW PA32R-301T MM CHAPTER 12-10-00.

*The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under Work Order: 11M-378*

Date: 5-24-2007

Authorized Signature:

Thomas A. Bierschwale

## AIRCRAFT LOG

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.

May 29, 2007

QualiTech Aviation, Inc.

Reg: N12ST - Make & Model: PA-32R-301T - S/N: 3257412  
Hobbs: 340.5

General Maintenance

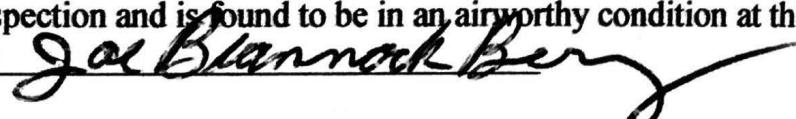
Repaired broken wire (G1CA20) on left main down limit switch. Performed landing gear retraction and extension check. Landing gear operational check was normal. Checked emergency gear extension, gear warning horn and light. No faults were found.

  
Ignacio Vazquez Jr. A&P 3022092

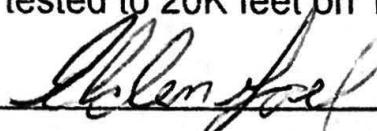
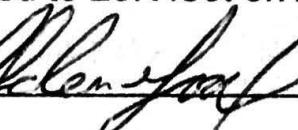
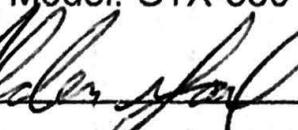
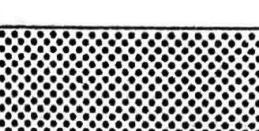
**N12ST**

Date 9-19-08 Hobbs 435.7 TTAC 435.7

Completed an Annual Insp. IAW FAR 43. Appd. (D). R&R ELT IAW FAR 91. 207 (d). Installed New ELT battery. Next due 12-10. Removed O2 bottle. Bottle Tested by A-1 Fire and Safety CO. S.A. Tx. Bottle next due 9-11 Jacked AC swung gear. Completed Test of Emergency Gear extension system. Pac ked All Wheel Bearings. Ads checked to Date. I certify this Aircraft has been inspected IAW an annual inspection and is found to be in an airworthy condition at this time.  
A/P IA 509628070



## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
				I certify that the altimeter and static system test required by FAR 91.411 have been performed. The PFD S/N 21081395 was tested to 20K feet on 10/5/2009.
			Signature 	Date: 10/5/2009
				I certify that the altimeter and static system test required by FAR 91.411 have been performed. The Altimeter S/N 448806 was tested to 20K feet on 10/5/2009.
			Signature 	Date: 10/5/2009
				I certify that the transponder tests required by FAR 91.413 and AC 43-6B have been performed and found to be satisfactory. Transponder Make: Garmin Model: GTX-330 S/N: 84115633.
			Signature 	Date: 10/5/2009
				Midwest Aviation Services, Inc. P.O. Box 219 Barkley Field 200 Hardy Roberts Drive West Paducah, KY 42086 FAA Certified Repair Station MW8R657W
Total To Carry Forward				

Registration No. \_\_\_\_\_

c

ertificate No. \_\_\_\_\_

Date: 10/9/2009 N12ST

## **Midwest Aviation Services, Inc.**

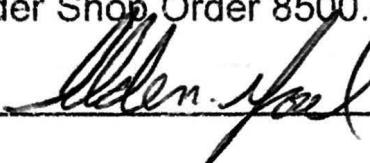
Tach/Hobbs: 454.8

ACTT: \_\_\_\_\_

Installed repaired TAS processor 9900 BX P/N 70-2420-7TAS600 S/N 060468. Ground checked, found traffic system to be functioning properly.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under Shop Order 8500. --End---

SIGNATURE



for CRS MW8R657W

Date: 10/15/09 N12ST

# Midwest Aviation Services, Inc.

Maintenance

Tach/Hobbs: 454.8

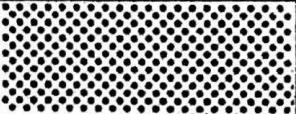
AFTT: 454.8

Completed Annual Inspection as per Piper PA32R-301T Inspection Report. Service aircraft battery, check lights & electrical system. Replace Lt. mag switch, with internal lighting, P/N 688-296. Inspect & ops check ELT as per FAR 91.207d. Battery due date Dec. 2010. Clean & check main fuel system screen. Replace Lt. & Rt. brake disc with new 164-21600 & new linings 066-06200. Reseal Lt. caliper with new 'O' rings MS28775-222. Comply with AD 84-26-02 by replacement of induction air filter with new P15-1936. Comply with AD 2008-14-07 inspection of fuel injector lines and clamps, no defects noted. Lube aircraft and perform retraction test. Check AD's thru ATP Rev. 2009-20.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under Shop Order 8485 & 8499

SIGNATURE

for CRS MW8R657W

Total To Carry Forward				
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Registration No. \_\_\_\_\_

Certificate No. \_\_\_\_\_

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

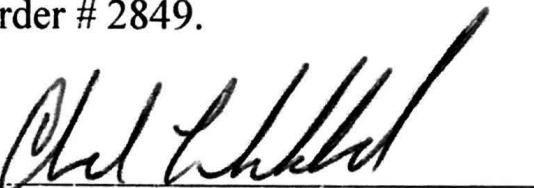
**REG NO: N12ST                    S/N: 3257412                    DATE: 4 Nov 2009  
MODEL #: PA32R-301T                    HOBBS: 456.2**

**AIRFRAME LOG**

Removed #1 and #2 GNS-430's for factory upgrade to GNS-430W IAW STC#SA01933LA. Replaced GA-56 antennas with GA-35 antennas. Installed FAA approved FMS dated 31 July 2009. Removed Avidyne Flightmax Entegra PFD and MFD for factory upgrade to release 7 IAW STC No. SA00191BO and SB 601-00006-081. Reinstalled and reprogrammed all units IAW Garmin and Avidyne Mx Manual's. Reference 337 dated 4 Nov 2009.

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 # 2849.

Signed



Date: 4 Nov, 2009

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward	11/5/09		Cumberland Avionics, LLC 210 Tune Airport Drive Nashville, TN 37209	HOBBS: 457.2
			REMOVED, CLEANED, LUBRICATED THE UNIVERSAL JOINT ON COPILOTS CONTROLL YOKE. REINSTALLED, AND CHECKED FOR FREEDOM OF MOVEMENT.	
			OPS CHECKED GOOD.	<i>Ch Tuner AP 8792477</i>
JAN 12, 2010	500.4	SERVICE	Nose Sat 4635' Lat 36 AP3456094.	
Total To Carry Forward				

Registration No. \_\_\_\_\_

— November 10, 2010

Hours: 639.5

— AF TT: 639.5

McCauley Aviation, Inc.

4432 Airport Road

Springfield, TN 37172

N12ST

PA32R-301T

s/n 3257412

- 1. Complied with an Annual Inspection in accordance with 14 CFR (FAR) 43 appendix D and in reference to Piper PA 32R service manual.
- 2. Complied with AD's, through bi-weekly 2010-23.
- 3. Tested ELT in accordance with 14 CFR (FAR) 91.207(d).
- 4. Replaced main tires with Goodyear 6.00 x 6 8ply tires.
- 5. Engine run up and leak checked. All systems satisfactory.
- I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



David Bliss A&P 3456094 IA

# AIRCRAFT LOG

Flight Time  
November 23, 2011

Hours: 759.0

AF TI: 759.0

McCauley Aviation, Inc.

4432 Airport Road

Springfield, TN 37172

N12ST

PA32R-301T

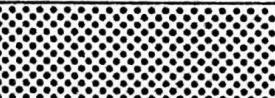
s/n 3257412

1. Complied with an Annual Inspection in accordance with 14 CFR (FAR) 43 appendix D and in reference to Piper PA 32R service manual.
2. Complied with AD's, through bi-weekly 2011-23.
3. Replaced 452-0130 ELT battery due November 2013 and tested in accordance with 14 CFR (FAR) 91.207(d).
4. Replaced left 66-06200 brake linings.
5. Serviced shimmy dampner with MIL-H-5606 fluid.
6. Engine run up and leak checked. All systems satisfactory.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



David Bliss A&P 3456094 IA

Total To Carry Forward				
---------------------------	---	--	--	--

Registration No. \_\_\_\_\_

November 30, 2011

Hours: 759.1

AF TT: 759.1

McCauley Aviation, Inc.

4432 Airport Road

Springfield, TN 37172

N12ST

PA32R-301T

s/n 3257412

No. \_\_\_\_\_

1. Replaced 72566 ring gear.
2. Replaced 149-24PM Starter s/n F4P-351149.
3. Removed sludge from crankshaft bore and replaced MS28775-228 Prop o-ring.
4. Engine run up and leak checked. All systems satisfactory.

David Bliss A&P 3456094 IA

### FAA - PMA

This tag certifies that Sky-Tec Model No. 149-24PM

Serial No. F4P-351149 was manufactured new on 08 Sep 2011

by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement

No. 1 per CFR14 Part 21 in accordance with Sky-Tec's

FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and

conforms to the relevant FAA-approved drawings. This part has been

determined to be airworthy.

For installation eligibility see [www.skytecair.com/eligibility.htm](http://www.skytecair.com/eligibility.htm)

Starter Installed on N 12ST by DAVID BLISS A&P 3456094

(Aircraft)

(Mechanic)

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

## AIRFRAME

DATE 5/24/2012 HOBBS 806.5 N12ST

Removed AC hose PN 566-342 and replaced with new 566-342

Tested ac system for leaks .

Found leaks at back of ac compressor/ low side fill port/high side return  
90 turn into firewall.

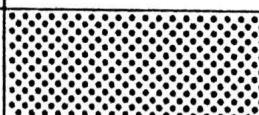
Replace O-rings valve @ 90 turn fitting with new.

Serviced system with Freon and returned to service.

All work done IAW Piper maintenance manual.

Casey McClure A&P 3264818

Total To  
Carry Forward



Registration No. \_\_\_\_\_

Certificate No. \_\_\_\_\_

Cumberland Avionics, LLC

210 Tune Airport Drive Nashville, TN 37209

**REG NO: N12ST**

**S/N: 3257412**

**HOBBS: 866.5**

**MODEL #: PA32R301T**

**DATE: 11/28/12**

Airframe

Completed a 100 hour & Annual service and inspection i/a/w FAR Part 43, appendix D. See engine & propeller logbooks for entries.

AD2010-15-10 by inspection, AD2011-26-04 by inspection

1. ELT inspected and tested I/A/W FAR 91.207 (d) 1-4 and was found in satisfactory condition.
2. Replaced filters with new p/n CH48110-1 (oil)
3. Lubed aircraft landing gear, flight control & engine control systems as required.
4. Oxygen bottle hydrostatic test complied with.
5. Replaced L/H flap static wick P/N D/G SW10-96
6. Replaced Cockpit fire extinguisher.
7. Replaced Hyd. Pump o-ring and leak check good.
8. Serviced O2.
9. Repaired fuel leak at selector valve.

Aircraft and systems checked good, no leaks noted on ground run-up and test flight.

I certify that the above work has been accomplished and inspected in accordance with applicable maintenance manuals and/or instructions and was determined to be in airworthy condition at this time. I certify that this aircraft has been inspected in accordance with a 100-hour & Annual inspection and was determined to be in airworthy condition at this time. End.

Signed: Chad Goddard A&P 409457398 IA

Chad Goddard

# AIRCRAFT LOG

Aircraft Time

Recorder

Maintenance

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

**REG NO: N12ST****S/N: 3257412****MODEL #: PA-32R-301T****DATE: 11/28/2012****HOBBS: 866.6**

I certify that the altimeter and altitude reporting equipment test required by FAR 91.411 has been performed and found to comply with FAR 43 Appendix E. Altimeter tested to 20,000 feet. I certify this GTX327 transponder has been tested and inspected as required by FAR 91.413 The aircraft identified above was inspected in accordance with current FAA regulations and was found airworthy for return to service. Details of the repair are on file at this repair station under work order #3526.

**Standard -Reading**

-1000	-990
0	-0
500	510
1000	1000
2000	2020

**Standard - Reading**

3000	3020
4000	4010
6000	5990
8000	7990
10000	9980

**Standard - Reading**

12000	11990
14000	14000
16000	16000
18000	18010
20000	20000

Signed

Date: 11/28/12

Total To Carry Forward			
---------------------------	--	--	--

Registration No. \_\_\_\_\_

ar

Signer \_\_\_\_\_

Certificate No. \_\_\_\_\_

Cumberland Avionics, LLC  
210 Tune Airport Drive, Nashville, TN 37209

AIRFRAME

REG NO: N12ST

S/N: 3257412

HOBBS: 0976.5

MODEL: PA-32R-301T DATE: 01/29/14 TACH:

Service aircraft with oxygen to 1700 P.S.I. Ops check good.

I certify that the above work has been accomplished and inspected in accordance with the applicable maintenance manuals and / or instructions and was determined to be in airworthy condition at this time.

Signed:



A&P 409457398

Chad Goddard

# AIRCRAFT LOG

Cumberland Avionics, LLC  
210 Tune Airport Drive Nashville, TN 37209

**REG NO: N12ST**

**S/N: 3257412**

**HOBBS: 945.6**

**MODEL #: PA32R301T**

**DATE: 11/14/13**

## Airframe

Completed a 100 hour & Annual service and inspection i/a/w FAR Part 43, appendix D. See engine & propeller logbooks for entries.

AD2010-15-10 by inspection, AD2011-26-04 by inspection

1. ELT inspected and tested I/A/W FAR 91.207 (d) 1-4 and was found in satisfactory condition. Batt replaced due 4/16
2. Replaced filters with new p/n CH48110-1 (oil)
3. Lubed aircraft landing gear, flight control & engine control systems as required.
4. O/H Right main strut.
5. Replaced R/H aileron rod end
6. Replaced brake disc's and pads
7. Serviced TKS system.
8. Serviced O2.

Aircraft and systems checked good, no leaks noted on ground run-up and test flight.

I certify that the above work has been accomplished and inspected in accordance with applicable maintenance manuals and/or instructions and was determined to be in airworthy condition at this time. I certify that this aircraft has been inspected in accordance with a 100-hour & Annual inspection and was determined to be in airworthy condition at this time. End.

Signed:   
Chad Goddard

A&P 409457398 IA

Total  
Carry

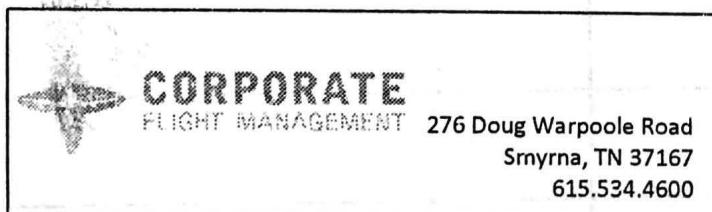
Date 12-1-2014 Total Time Hobbs: 1057.6

I certify that this Airframe  
N12ST/SN3257412 has been inspected in  
accordance with a 100 hr annual inspection  
and was found to be in airworthy condition.

Signed:

David M. Wood  
A&P#181481A

Model: PA-32R-  
301T  
S/N: 3257412  
Reg. No: N12ST



Date: 29-Sep-2015

Hobbs: 1124.7

Airframe

Maintenance Accomplished:

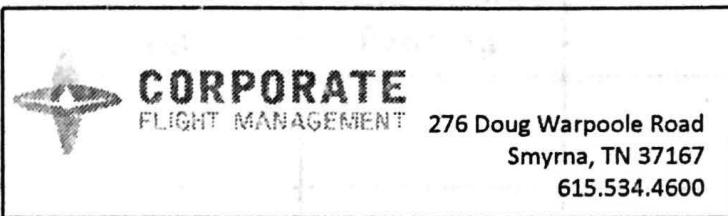
-Drained and flushed TKS tank. Serviced tank with 5 gals of TKS. All work done Ref AMM 12-00.

Signed: Albert Macmillan  
Technician:

Albert Macmillan Certificate No. A & P 3669953

# AIRCRAFT LOG

Model: PA-32R-  
301T  
S/N: 3257412  
Reg. Nr: N12ST



Date: 10/30/2015  
HOBBS: 1143.9

## Airframe

### Maintenance Accomplished:

- Installed repaired #1 GPS, ops checks good, ref Garmin 430W IM.
- Updated GPS #2 main software to 5.20, ops checks good, IAW Garmin SB 1461 rev A.

The components identified above have been inspected and repaired in accordance with the current Federal Aviation Regulations and are approved for return to service with only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order No RPE183.

Signed:

Corporate Flight Management, Inc.

Certified Repair Station

FJTR920D

Form CFM 007

## Transponder Certification

Merlin's Avionics Service Tel: (615) 305-1186

307 Roberta Drive Hendersonville, Tennessee 37075

FAA CRS #Z6MR586Y MAS Form #3

Work Order No. WN49 Acft.Reg.No. N12ST

Aircraft Type SARATOGA II TC Txpond Position #1

Txpond P/N# GTX 330 S/N#

Check Box if Mode S ()

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 12-2-15

Signed Merlin Guglielmo

Total To  
Carry Forward

Registration No. \_\_\_\_\_

te No. \_\_\_\_\_

ACFT SN #  
3257412

## Altimeter/Static System Certification

HOBBS  
1150.0

**Merlin's Avionics Service**  
 Tel: (615) 305-1186  
 307 Roberta Drive  
 Hendersonville, Tennessee 37075  
 FAA CRS#Z6MR586Y MAS Form #4

Work Order No. WN49 Acft.Reg.No. N125T  
 Acft Type SARATOGA II TC Altimeter Position #/  
 Altimeter P/N# AVIODYNE S/N#  
 Date 12-2-15 Signed Merlin Gengity

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	14000	100	1K	NA	28.10	-1727
0	0	20	16,000	15990	110	2K	70	28.50	-1340
500	500	20	18,000	17980	120	3K	70	29.00	-863
1000	1000	20	20,000	19985	130	5K	70	29.50	-392
1500	1500	25	22,000		140	10K	80	29.92	0
2000	2000	30	25,000		155	15K	90	30.50	531
3000	3000	30	30,000		180	20K	100	30.90	893
4000	4000	35	35,000		205	25K	120	30.99	974
6000	6000	40	40,000		230	30K	140		
8000	8000	60	45,000		255	35K	160		
10,000	10010	80	50,000		280	40K	180		
12,000	12000	90				50K	250		

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.)	<u>NA</u>	After Effect (Tol.30 Ft.)
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.)	<u>NA</u>	<u>0</u>

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

# AIRCRAFT LOG

## Altimeter/Static System Certification

**Merlin's Avionics Service**

Tel: (615) 305-1186

307 Roberta Drive

Hendersonville, Tennessee 37075

FAA CRS#Z6MR586Y MAS Form #4

Work Order No. WN49 Acft.Reg.No. N12ST

Acft Type SARATOGA II TC Altimeter Position #2

Altimeter P/N# \_\_\_\_\_ S/N# \_\_\_\_\_

Date 12-2-15 Signed Merlin Grigsby

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff.(Tol. 25 Ft.)
-1000	-1000	20	14,000	13990	100.	1K	+15	70	-1727
0	0	20	16,000	15980	110	2K	+15	70	-1340
500	500	20	18,000	17980	120	3K	+20	70	-863
1000	1000	20	20,000	19980	130	5K	+15	70	-392
1500	1500	25	22,000		140	10K	+15	80	0
2000	2000	30	25,000		155	15K	+10	90	531
3000	3000	30	30,000		180	20K	+10	100	893
4000	4000	35	35,000		205	25K		120	974
6000	6000	40	40,000		230	30K		140	
8000	8000	60	45,000		255	35K		160	
10,000	10000	80	50,000		280	40K		180	
12,000	12000	90				50K		250	

Case Leak (FPM Tol. 100 Ft.)

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +15

After Effect (Tol.30 Ft.)

2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +10

+10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

**Registration No.** \_\_\_\_\_

PA-32R-30  
2000-08-26

Wingnut Av. 100-11

4307 Alameda Blvd

Brentwood, TN 37027

PA-32R-30

PA-32R-30

SN# 3257411

No.

1. Inspected with an Annual Inspection in accordance with 14 CFR (FAR) 43 Appendix D with reference to FAR 43.1207 Maintenance Listed and applicable TCAs.

2. Replaced air induction filter element with new P/N PIS-1338.

3. Tested ECU in accordance with 14 CFR (FAR) 91.207(d). Battery expires April 2006.

4. Cleaned and certified air/oil separator and positioned for better drainage.

5. Reposition T-Struts to clear flap position bender arm.

6. Replace left side strut arm 14843-016 bushings, AN26-25 clevis bolt and tightened stud.

7. Replaced tail rotor hub shaft 452-413 bearing.

8. Checked clamps on outer fuel tank hoses and checked for leaks. No defects noted.

9. Lubricated all bushings throughout weekly > 200 hrs.

10. Log entry for completion. All criteria satisfied.

I certify that the aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Dale Blas

Date: 08/26/00

AIR: 0-6696


6/1/2016

Wingnuts Aviation, LLC.

N12ST

Tach:

4432 Airport Road

PA-32R-301T

AF TT:

Springfield, TN 37172

S/N: 3257412

Hobbs: 1204.6

1 Tightend compressor return line and charged system with R134A.



Chris Boyd

AP 3753461

Model: PA-32-  
301T

S/N: 3257412

Reg. No: N12ST



**CORPORATE**

FLIGHT MANAGEMENT 276 Doug Warpoole Road  
Smyrna, TN 37167  
615.534.4600

Date: 03/02/2016

Hobbs: 1173.9

### Airframe

#### Maintenance Accomplished:

- Adjusted autopilot roll centering, ref Meggitt/S-tec Flight Line Service Manual section 2.
- Removed GMA340 audio panel (p/n: 011-00401-10 s/n: 96275341) & installed repaired GMA340 audio panel (p/n: 011-00401-10 s/n: 96273045), ops check good, ref Garmin GMA340 IM.

The components identified above have been inspected and repaired in accordance with the current Federal Aviation Regulations and are approved for return to service with only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Order N#JWN415

Total  
Carri

Signed:



Corporate Flight Management, Inc.

Certified Repair Station

FJTR920D

Form CFM 007

1/27/2017

Tach: 1,253.10

AFTT: 1253.1

Hobbs: 1253.1

Wingnuts Aviation, LLC.

4432 Airport Road

Springfield, TN 37172

N12ST

PA-32R-301T

S/N: 3257412

- 1 Complied with an Annual Inspection in accordance with 14CFR (FAR) 43 appendix D with reference to PA-32R-301T Maintenance Manual and all applicable ICA's.
- 2 Removed, cleaned, and reinstalled air filter.
- 3 Replaced ELT110-4 ELT battery. Tested ELT IAW FAR 91.207(d). Battery expires January 2020.
- 4 Researched AD's through bi-weekly 2017-01 and found to be in compliance.
- 5 Bleed and serviced brake system.
- 6 Replaced all eight RA66-62 brake linings. Bleed brakes.
- 7 Replaced 068-01100 brake insulator and both 088-00100 piston insulators on left brake.
- 8 Replaced left and right side brace center pivot 402-927 bolts and 65003-044 and 14843-016 bushings.
- 9 Oxygen bottle assembly overhauled by Shoreline Marine USA W/C N12ST. Reinstalled and leak checked
- 10 Replaced washers and nut on left rear spar and re-torqued hardware.
- 11 Replaced 79532-002 front door latch and adjusted for fit.
- 12 Performed propeller balance in accordance with Dyna Vibe GX User Manual version 1-12. Installed 15.45 grams on spinner bulkhead. Final vibration value of 0.04 IPS
- 13 Engine run up completed. all systems satisfactory.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

David Bliss

AF 3456094 IA

ACR ELECTRONICS, Inc.  
Fort Lauderdale, FL 33312 CAGE Code: 18560  
ARTEX PRODUCTS  
**BATTERY PACK: ELT 110-4**  
PART NO: 452-0130 REV. N  
S.N.:372657-049  
EXP. DATE: JAN /2020  
ENV CATC1A/D0183/XXXXXXXXXXXXXX  
TSO C91a



**Emerald Coast  
Aviation**

5535 John Givens Road  
Crestview, FL 32539  
850-398-7992

**5/15/2017 N12ST PIPER PA32R-301T S/N: 32-47512 AFTT: 1276.9**

Investigated engine for excessive oil consumption. Found compression within limits but all pistions showed combustion deposits on piston heads during bore scope.

The article identified above was repaired and inspected IAW MM & CFRs. The article was found to be airworthy in regards to the work performed. Pertinent details of this repair are on file at this agency under work order:

13017-1

Work accomplished by:

David B. Clark

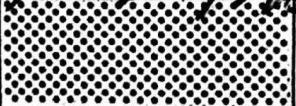
2713185 A&P

CRS#9MSR836

OCT 11 2017 ~ REMOVED ENGINE & SHIPPED

702 YCOM 1A 16665 12774

Total To  
Carry Forward



Dean 21661 N 2154985

Registration No.

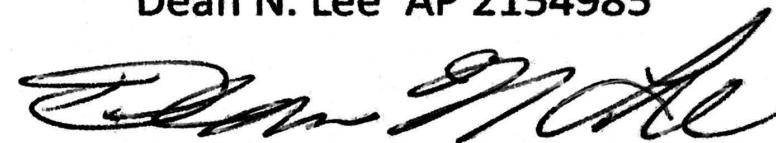
Oct. 27, 2017 N12ST PA-32-301T Hobbs:1277.4 Engine : 0.0 SMOH Prop : 0.0 SMOH

Installed factory rebuilt TIO-540-AH1A P/N RENPL-9813, S/N RL-11721-61A per Lycoming SI.

Installed new Skytec starter P/N 149-24PM, S/N H-R072200, new motor mounts & O/H prop & governor (see prop logs). Break-in per Lycoming SI #1427C using AS 15/50 oil & CH48110 filter.

Test run & flights accomplished & returned to service.

Dean N. Lee AP 2154985




# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

**Model:** Piper 32R-301T  
**S/N:** 3257412  
**Reg. No:** N12ST



**Date:** 13-Dec-2017  
**Hobbs:** 1288.9

## Airframe

### Maintenance Accomplished:

2001: Removed, Sent out for repairs and re-installed repaired Autopilot Computer P/N 01192-12-68TF, S/N 0538-8896 and Pitch Trim Servo P/N 0106-16-T8, S/N 0538-20397-BCEFHJ. Ops tested and found the autopilot system is working properly. Ref. AMM 22-00.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No RPE428.

Signed:

For: Contour Aviation

Certified Repair Station No FJTR920D

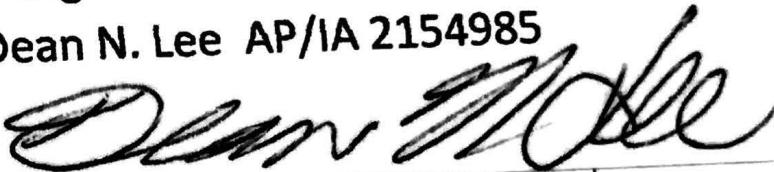
Form CFM 007

Total To Carry Forward	██████████			

Jan. 25, 2018 N12ST PA-310301T Hobbs: 1294.9

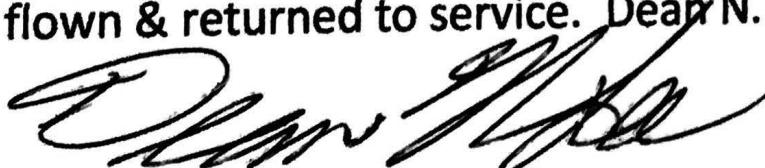
Accomplished an annual inspection this date per Piper SM & FAR 43. Changed oil & Ch48110-1 filter. Serviced w/ 10 qts. AS 15/50 oil. Compression checked: All high 70s/80. #3 @ 76 w/ rings. Mag timing checked @ 20\*. Spark plugs reconditioned & installed. Intake & exhaust inspected. AD 15-19-07 Fuel injection lines accomplished. AD 17-14-04 Oil cooler lines accomplished. AD 17-16-11 Connecting rods N/A by SN. Electrical check accomplished. Swung landing gear -- Serviced brake & gear reservoirs w/ 5606. Inspected brakes & wheel bearings / repacked bearings. Serviced tires w/ 35psi nose & 38 psi mains. ELT checked per FAR 91.208 – Battery due: 01/2020. Airframe controls & cables inspected . ADs checked thru T-Data rev. 2017-26. Inspected & greased prop w/ AS 6 per Hartzell SI. I certify that this aircraft / engine has been inspected IAW an annual Inspection & found to be in airworthy condition.

Dean N. Lee AP/IA 2154985



Feb. 8, 2018 N12ST PA31-301T Hobbs:

Installed new Lycom. Alternator belt P/N 37D22355. Reinstalled prop & torqued to 70 ft./ lbs. Test flown & returned to service. Dean N. Lee AP 2154985



## AIRCRAFT LOG

Registration No. \_\_\_\_\_

and Remarks

48110 FILTER AS 15/50 10<sup>35</sup> *Dan Giffey*  
Sample Taken AP 2154985

Altimeter System Tests performed to comply with CFR

91.411 and CFR 43 Appendix E has been tested to

20,000 feet for N 125T.

Make/Model AVIODYNE EXP5000

Serial Number 21081395

Work Order # 1142

Great American Barnstormers Inc.  
7824 Skyhawk Rd.  
Pace, FL 32571  
FAA CRS # N9OR246Y

Authorized Signature John B Mylar

Date 12-19-2018

Form # 16

Signature

Certificate No.

I certify this ATC transponder

Model GTX 330

S/N 84115633

as installed in this aircraft N 125T has  
been tested as required by CFR 91.413 and meets the

requirements of CFR 43 Appendix F for operation

Work Order # 1142

Great American Barnstormers Inc.  
7824 Skyhawk Rd.  
Pace, FL 32571  
FAA CRS # N9OR246Y

Authorized Signature John B Mylar

Date 12-19-2018

Form # 19

# AIRCRAFT LOG

	Aircraft Time	Recorder Reading	Maintenanc
date	This Date	Total	

Calvin Taff Electronics, Inc.

N12ST Piper PA-32R-301T SN 3257412 Hour 1344.5 February 13, 2019

removed GTX330.

installed GTX330 ES PN 011-00455-60 SN 84115633 in previous GTX330 location. See  
this date for details.

updated both GNS430W's to Main Software 5.40 in accordance with Garmin STC Service  
bulletin #1766 Rev A dated December 7, 2017.

UX5000 PN 700-0006-002 SN 21081395 has been tested and certified in accordance  
with FAR 43 appendix E from -1000 to 20k ft on 2-13-19.

ited 5934PD-3 SN 448806 has been tested and certified in accordance with FAR 43  
appendix E from -1000 to 20k ft on 2-13-19.

GTX330 PN 011-00455-60 SN 84115633 has been tested, inspected and found to comply  
with FAR 91.413.

Static/encoding system has been tested, inspected and found to comply with FAR  
91.411.

Installation completed with reference to AC43.13-1B Chapter 10-1, 2, 16, 20  
Chapter 12-1, 2 and AC43.13-2B Chapter 1-111,112,113 Chapter 2-202,203,207,208  
Chapter 3 310-310, 312 and Chapter 11-1104, 1105.  
No weight and balance change.

Calvin Christopher Taff  
CC JTB  
IX2R914K

**Registration No.** \_\_\_\_\_

**Signature**

**Certificate No.**



Date: 01/MAR/2019 AC TT: 1344.7  
A/C Reg # N12ST PA-32R-301T S/N: 3257412  
Eng: Lycoming, Model: TIO 540AH1A

Accomplished annual inspection utilizing 14 CFR 43 appendix D in scope and detail to inspect.... Accomplished airframe lubrication items as required.... Performed brake bleed procedure on right-hand brake. Taxi check good.... Verified Oxygen bottle is overdue for Hydrostatic test. Removed bottle part number 1270152-2b serial number 13587.... Installed inspected assembly part number 895-24050 serial number ALT279-30928. Ops and leak check good.... Performed emergency gear extension test. Ops check good.... Re-pack wheel bearings with SCH 100.... Replaced O-rings in brake caliper. Leak check good.... Removed Transponder for upgrade. Transponder was reinstalled by Calvin Taff.... Replaced cracked/broken grommets in right hand wheel well.... Serviced tires as required.... Replaced left-wing and right-wing tank cap gaskets.... Performed TKS Test IAW 30-10-00 no defects noted.... Treated corrosion on right wing tip with CorrosionX.... Drained TKS system, checked to see if outlet strainer needed cleaned (not needed), refilled TKS reservoir with 2.5 gallons of AL-5(DTD 406B) TKS fluid, primed system, and checked for proper quantity indication.... Lubricated landing gear with grease and LPS lubricant. Performed functional check on ELT. ELT was loud and clear.... Note all AD's accomplished at this time see attached AD list for compliance.



Chase Key A&P3582798 IA