

# AIRCRAFT LOG



# AIRCRAFT LOG

THE NEW  
PIPER AIRCRAFT, INC.

General Offices at  
Vero Beach, Florida  
U.S.A.

          NG14DM          

Aircraft  
Registration number

Part No. 230715

**NOTICE**

**Making false entries in this book is a violation of government regulations and is punishable by civil penalty.**

**PAINT TYPE: Dupont Imron Polyurethane**

780-04

# AIRCRAFT DESCRIPTION

Registration No. N614DM

Model: PA-32R-301T

Popular Name: SARATOGA ITC

Serial No.: 3257434

Type Certificate No.: A350

Colors: P6293HD P1285HD SNOW WHITE / MEDIUM CONCORDE BLUE MET. & PUMICE MET. / BLUE MET. #4

Engine Manufacturer: LYCOMING

Serial Numbers: Single L-12465-61A

Original Engine Model: TIO-540-AH1A

Left \_\_\_\_\_

Right \_\_\_\_\_

Propeller Manufacturer: HARTZELL

Hub or Serial Number: Single HK1176B

Original Propeller Model: HC-I3YR-1RF

Left \_\_\_\_\_

Right \_\_\_\_\_

## Blade Numbers

Left

Right

K31608  
K31603  
K31604

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# 2006 MODEL



# COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
-----------------------	---	---------------------	-----------------------	----------------------------------

Pacific Southwest Avionics 209 S Stellar Parkway Chandler, AZ 85226 PUVR537X  
 LOG ID# 80 19-August-2006 WO# 55/1 AV-3510 HOBBS 31.1  
 N614DM S/N 3257434 PIPER PA-32R-301T

Pg 1 / 1

\*\*\*\* ITEM # 55-1 Install TCAD System \*\*\*\*

DISCREPANCY: Install TCAD System.

ACTION: The following equipment and components were installed: TCAD MODEL 9900B Display Unit, P/N 70-2500. TCAD MODEL 9900B Processor, P/N 70-2400, with mounting tray. Transponder Coupler, P/N 70-2040. Two L-Band antennas. The processor was installed in the mounting tray assembly, located at rear shelf in accordance with Ryan TCAD 9900 Series Installation Manual, P/N 32-2301, Revision 4 dated December 17, 1998, and guidance in FAA Advisory Circulars 43.13-1B, Chapter 11, and 43.13-2A, Chapters 1 & 2. The transponder coupler was installed under the avionics main panel in accordance with Ryan TCAD 9900 Series Installation Manual, P/N 32-2301, Revision 4 dated December 17, 1998, and guidance in FAA Advisory Circulars 43.13-1B, Chapter 11, and 43.13-2A, Chapters 1 & 2. An L-band antenna was installed on the top of the aircraft fuselage in accordance with instructions and guidance contained in FAA advisory circular 43.13-2A, Chapter 3. An L-band antenna was installed on the bottom of the aircraft fuselage in accordance with instructions and guidance contained in FAA advisory circular 43.13-2A, Chapter 3.



8/19/06

Signed PUVR537X Aaron A. Robinson

Date


# COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
------------------------	---------------------	------------------	--------------------	-------------------------------

MAKE: Piper  
 MODEL: PA-32R-301T  
 S/N: 3257434  
 REG. NO: N514DM  
 WORK ORDER:  
 2259-11-2006



## Lone Mountain Aviation, Inc.

Repair Station No. L9OR473Y  
 2830 N. Rancho Dr. Suite A  
 Las Vegas, NV 89130  
 Phone: (702) 309-2200

DATE 11/22/2006  
 A/C TSN 36.2  
 HOBBS 36.2

### Airframe Entries

Completed preliminary inspection. Hobbs 60.2... Installed new A/C Discharge line 566-342, charged system with 32 oz of R-134A refrigerant, operational check good.

The aircraft, 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 are on file at this facility under the above W.O. number.

DATE: 11/22/2006

SIGNED:

Work Order: 2259-11-2006

Sean Yarush  
 Certified Repair Station No. L9OR473Y

Printed by EBis 3 (datcomedia.com)


# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
JUL 20 2006	Brought Forward →	5.2	I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.	
			Dated <u>JUL 20 2006</u>	
			<u>John S. Hambleton</u> ODARF-511281-OE	
			John S. Hambleton	
			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>5/15/06</u> (Sec) <u>4/20/06</u>	
			SIGNED <u>John S. Hambleton</u> DATE <u>JUL 20 2006</u>	
			The ELT is installed per FAR 91 207. Battery replacement date <u>JUNE 2008</u>	
Total To Carry Forward		5.2	ODARF-511281-CE The New Piper Aircraft, Inc.	

John S. Hambleton



and Remarks

Signature

Certificate

~~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 GTX 330 SIN 84121952  
2. Make NA Model NA SIN NA  
Details of this inspection are on file at this facility under  
SIN 3257434 Date 6/20/06  
Q.A. Inspector John S. Hambleton  
**THE NEW PIPER AIRCRAFT, INC.**  
**VERO BEACH, FLORIDA**

John S. Hambleton

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

DATE 6/20/06 SIGNED John S. Hambleton

John S. Hambleton

# AIRCRAFT LOG

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

MAKE: Piper  
 MODEL: PA-32R-301T  
 S/N: 3257434  
 REG. NO: N614DM  
 WORK ORDER: 2070-07-2006

## The New Piper Aircraft, Inc.

2926 Piper Drive  
 Vero Beach, FL 32960

Repair Station No. ZPAR410X

DATE: 7/26/2006  
 TTA: 6.20  
 HOBBS: 6.20

### Airframe Entries

Serviced air conditioner as per New Piper M/M 21-50-00. Operational check 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), Manufacturer'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: 7/26/2006

SIGNED:

Wade Head

Certified Repair Station No. ZPAR410X

WORK ORDER: 2070-07-2006

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

<b>Total To Carry Forward</b>				

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

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------

MAKE: Piper  
MODEL: PA-32R-301T  
S/N: 3257434  
REG. NO: N614DM  
WORK ORDER: 2075-08-2006

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

DATE: 8/2/2006  
TTA: 6.20  
HOBBS: 6.20

**Airframe Entries**

Leak checked and tightened condenser discharge fitting .Serviced air conditioner as per New Piper M/M 21-50-00. Operational check 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: 8/2/2006

SIGNED: *Wade Head*

WORK ORDER: 2075-08-2006

Certified Repair Station No. ZPAR410X

Printed by EB's (<http://www.datcomedia.com>)


# AIRCRAFT LOG

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

MAKE PIPER  
 MODEL PA-32R-301T  
 S/N 3257434  
 REG NO N614DM  
 WORK ORDER 14838

**Keystone Aviation**  
 Repair Station No. K5SR339N  
 303 N 2370 W  
 Salt Lake City, Utah 84116  
 Phone 801 359-2085

DATE 10/4/2006  
 A/C TSN  
 HOBBS 494

### Airframe Entries

AIRCRAFT FIRST WARRANTABLE 50 HOUR INSPECTION C/W PER PIPER PA32R-301T NEW PIPER AIRCRAFT INC WARRANTABLE 1ST 50 HOUR INSPECTION REPORT AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME RIGHT WING FUEL DRAIN REMOVED AND REPLACED WITH NEW DRAIN P/N 491-806 LEAK AND OPERATIONAL CHECK SATISFACTORY BRAKE RESERVOIR REMOVED AND REPLACED WITH NEW RESERVOIR P/N 68464-000 SERVICED WITH MIL-H-5606 LEAK AND OPERATIONAL CHECK SATISFACTORY

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L L C Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements Pertinent details of the repair are on file under Repair order

DATE 10/4/2006

SIGNED:

*Mark A French*

Work Order: 14838

mfrench

Printed by EBis 3 (datcomedia.com)

Certified Repair Station No. K5SR339N

Total To Carry Forward				



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Date: 04/30/07 Model: PA-32R-301T	Hobbs: 123.8 S/N 3257434	Total Time: <u>123.8</u> Reg. # N614DM		
Installed overhauled starter. Removed Sky-Tec Model# 149-24PM, S/N F4P-140602, Textron P/N 31B22101. Installed Sky-Tec Model# 149-24PM, S/N F4P-500108, Textron P/N 31B22101. Ops check good at this time.				
<i>James D. DeMassimo</i> James D. DeMassimo A&P 299406942 IA.				
Total ... Carry Forward				

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

and Remarks

Signature

Certificate No.

MAKE: PIPER  
MODEL: PA-32R-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
4233-07-2007



**HIGH PERFORMANCE AIRCRAFT, INC.**

Repair Station No. HPFR569X  
1850 JOE CROSSON DRIVE  
El Cajon, CA 92020  
Phone: 858-576-5000

DATE: 7/30/2007  
A/C TSN: 158.1  
HOBBS: 158.1

**Airframe Entries**

COMPLETED AN ANNUAL/ 100 HOUR INSPECTION IN ACCORDANCE WITH FAR PART 43, APPENDIX D, USING CURRENT PA32R-301/301T (SARATOGA II HP/TC) MAINTENANCE MANUAL 5-20-00 CHECKLIST AS A GUIDE. ALL AD'S CHECKED THRU REV 2007-15, SEE ATTACHED LIST.... INSPECTED THE ELT SYSTEM AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(d) ON THIS DATE. ELT BATTERY EXPIRES 6/30/2008... COMPLIED WITH PIPER SB 1048 BY LUBRICATING CABLES WITH AEROSHELL 33 AS INSTRUCTED.... COMPLIED WITH PIPER VSP-175 (S-TEC SB 06-001) P/N 0108, S/N 0620-16136. THIS IS OUT OF THE AFFECTED SERIAL NUMBER RANGE AND NO ACTION IS REQUIRED.... ADJUSTED STABILATOR TRAVEL AND CABLE TENSION AS SPECIFIED IN SARATOGA MM 27-30-00... ADJUSTED AILERON TRAVEL AND CABLE TENSIONS AS SPECIFIED IN MM 27-10-00... ADJUSTED RUDDER CABLE TENSION AS SPECIFIED IN MM 27-20-00... CHECKED TORQUE ON EXHAUST V-CLAMP AND RE SAFTIED... RE SEALED R/H MLG STRUT WITH P/N 187-530 WIPER, 1 EA. OF P/N MS28775-227 AND MS28775-327 O-RINGS, SERVICED WITH 5606 AND NITROGEN PER MM 32-10-00... REPLACED BRAKE SHIMS WITH 2 EA. P/N 068-01100... PERFORMED NORMAL AND EMERGENCY LANDING GEAR OPERATIONS, NO ABNORMALITIES NOTED AT THIS TIME... LUBRICATED AND SERVICED AIRCRAFT IAW MM CHAPTER 12 CHARTS AND INSTRUCTIONS

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are on file at this repair station under Work Order No. 4233-07-2007  
Dated

DATE: 7/30/2007

SIGNED:

Dan Salzman  
Certified Repair Station No. HPFR569X

Work Order: 4233-07-2007

Printed by EBis 3 (datcomedia.com)

# AIRCRAFT LOG

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

MAKE PIPER  
 MODEL PA-32R-301T  
 SN 3257434  
 REG NO N614DM  
 WORK ORDER 16692

### Keystone Aviation

Repair Station No. K5SR339N  
 303 N 2370 W  
 Salt Lake City, Utah 84116  
 Phone 801 359-2065

DATE 11/27/2007  
 A/C TSN 2124  
 HCBS 2124

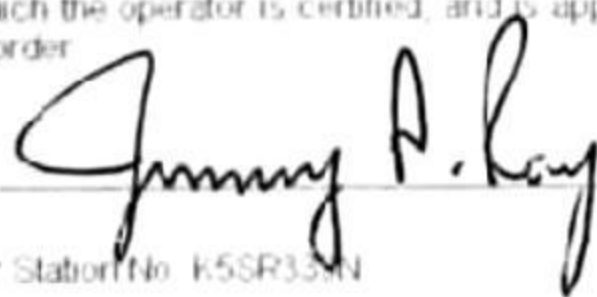
### Airframe Entries

ENGINE LOWER COWLING P/N 100927-003 REMOVED. RE-INDEXED INDUCTION TUBE CLAMP TO PREVENT FURTHER CHAFFING INTO LOWER ENGINE COWLING. LOWER COWLING P/N 100927-003 REPAIRED AND PAINTED BY KURT BLACKBURN PER PA32R-301T MM CHAPTER 51-70-00 UNDER HIS INVOICE # 11250701 DATED 11/25/2007. REPAIR APPROVED BY KEYSTONE AVIATION CRS # K5SR339N UNDER THEIR W.O 16692-3 DATED 11/27/07. REINSTALLED LOWER ENGINE COWLING.... REMOVED M.A.P. TRANSDUCER P/N 599-592 AND S/N 2059 AND INSTALLED NEW M.A.P. TRANSDUCER P/N 599-592 AND S/N 2361. ADJUSTED THE MANIFOLD CONTROLLER TO OBTAIN 38" AT FULL POWER. WORK DONE IN REFERENCE TO PIPER SARATOGA MM. OPERATIONAL CHECK SATISFACTORY.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation L.L.C. Inspection Manual and the Federal Aviation Regulations under which the operator is certified, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order.

DATE: 11/27/2007

SIGNED:



Work Order: 16692

*gray*  
 Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

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



and Remarks	Signature	Certificate No.
<p>06 Dec 2007; N614DM; W.O.# 2614 Hrs: 230.9                      Installed BOSE Series X headset plug and 1/2 amp circuit                      breaker. Ground checks good. ---End---</p> <p><i>Shana Key</i></p> <p>Louisiana Avionics, Inc.                      QBQR254K</p> <p><small>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under this work order.</small></p>		

# AIRCRAFT LOG



580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

Airframe Log Entry	Hobbs: 328.1	Registration #: N614DM
Date: 7/17/08	Total Time: 328.1	Make/Model: PA-32R-301T
W/O: 63505	Cycles: -----	S/N: 3257434

### **Performed an ANNUAL Inspection:**

- Performed an annual inspection IAW PA-32R-301T MM Chapter 5. ADs current thru 2008-13.

### **Complied with the following Special Inspections:**

- Inspected and tested ELT Per FAR 91.207 (d). NDN. Replaced battery with P/N 452-0130. ELT date: 10/2010 .
- Performed compass swing and installed new compass card.
- Performed 2 year calibration of Avidyne Entegra EFIS magnetometer IAW PA-32R-301T MM Chapter 34.

### **Complied with the following Airworthiness Directives (AD's):**

- Complied with **AD 2002-26-01** (Prevent Failure of the Fuel Injector Lines). No defect noted at this time.
- Complied with **AD 2008-14-07** (Fuel injector lines) Effective date August 14, 2008 per Lycoming SB 342E Dated 5/18/04. No charge.
- Complied with **AD 2008-08-14** Effective date: 4-29-08- Precision SB PRS-107 Rev 3. Complied with section G terminating action by installation of new gasket PN: 2577258 and letter stamped plug (G). Performed post inspection run-up and found no defects at this time.

Total  
Carry forward



and Rem

Compl

Comp

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------



580 Airport Road, Rock Hill, SC 29732  
Phone: (803) 366-5108 / Fax: (803) 366-5230

- Work performed IAW **AD 2008-08-14** and Precision SB PRS-107 Rev 3 no further action required.
- Complied with **AD 84-26-02** (Paper induction air filter) Effective date: 01/29/1985 by inspecting air filter for defects. NDN.

**Complied with the following Service Bulletins (SB's):**

- Complied with Piper **SB 1178** (Nose Gear Forging Inspection and Replacement) by inspecting for cracks in nose gear forging using dye penetrant. NDN.
- Complied with Piper **SB 1187** (Voltage Suppressor Replacement) by checking for affected suppressor in aircraft. Affected suppressor was in aircraft. Removed suppressor and installed Piper suppressor kit P/N 88432-002.
- Complied with Piper **SB 1191** (Precision Airmotive SB PRS-107 Rev.3) by
- complying with section G terminating action by installation of new gasket PN: 2577258 and letter stamped plug (G). Performed post inspection run-up and found no defects at this time. Work performed IAW **AD 2008-08-14** and Precision SB PRS-107 Rev 3 no further action required.

**Completed the following additional items:**

- Serviced oxygen to 1800 PSI.
- Set aileron cable tensions IAW PA-32R-301T MM Chapter 27.
- Set stabilator cable tensions IAW PA-32R-301T MM Chapter 27.
- Checked A/P pitch servo cable tension. Found to be low. Set tensions IAW PA-32R-301T MM Chapters 22 and 27.
- Cleaned and lubed both yoke tubes.

# AIRCRAFT LOG



580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

- Retorqued both pilot and copilot rudder crossover tube clamps.
- Serviced nose strut with nitrogen IAW PA-32R-301T MM Chapters 12 and 32.
- Resealed both left and right MLG struts with following seals: 484-799, 462-034, and 187-627 IAW PA-32R-301T MM Chapter 32.
- Replaced nav light switch bulbs with P/N GE85.
- Installed antichaffe material to TIT wire harness and adjusted to prevent chaffing.
- Troubleshoot Avidyne BATTERY indicator showing 100 amp draw. Found both battery shunt fuses blown. Replaced both fuses with P/N 461-659. Ops checked electrical system. Avidyne BATTERY indicator now show correct amp draw.
- Replaced DV window seal with P/N 79572-004.
- Secured loose pilot and copilot cup holders.
- Reattached left taxi light seal.
- Resealed A/C line on condenser.
- Sealed fwd aft tom door seal with RTV sealant.
- Installed new AVGAS placard P/N 456-682.
- Replaced loose rivets in air box for engine and installed new nut plate at right and aft bottoms.
- Trimmed and adjusted bracket in nose wheel well to prevent catching and chaffing of nose gear actuator.
- Adjusted downlock switch on nose gear IAW PA-32R-301T MM Chapter 32.
- Installed new brake pads P/N 066-03300. Performed brake break in procedure. NDN

Tot  
Ca

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



Signature

Certificate No.


580 Airport Road, Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

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 No: 63505 Date: July 17, 2008**

Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.

CRS# C41R727N

# AIRCRAFT LOG

Date	Aircraft Time	Recorder	Maintenance
------	---------------	----------	-------------



580 Airport Road, Rock Hill, SC 29732  
 Phone: (803) 366-5108 / Fax: (803) 366-5230

<b>Airframe Log Entry</b>	<b>Hobbs: 328.1</b>	<b>Registration #: N614DM</b>
Date: 7/17/08	Total Time: 328.1	Make/Model: PA-32R-301T
W/O: 63505	Cycles: -----	S/N: 3257434

- Found audio noise generated from TAS610 traffic system. Inspected TAS wiring, found TAS audio terminated at music input of audio panel. Removed audio panel and rewired TAS audio to unswitched/unmuted audio input using two 270 Ohm resistors as required by Avidyne TAS600 installation manual. Ops check 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: 63505 Date: July 17, 2008**

Signed *[Signature]* for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.  
 CRS# C41R727N

To  
C

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

Signature

Certificate No.



580 Airport Road, Rock Hill, SC 29732  
Phone: (803) 365-5108 / Fax: (803) 366-5230

I certify that the **altimeter and static system tests** required by 14 CFR § 91.411 and the **transponder tests**, including **data correspondence**, required by § 91.413, have been performed on this date and found to comply with 14 CFR part 43, appendix E and F.

Altimeter #1 – Avidyne Model EXP5000, S/N 20018196

Altimeter #2 – United Model 5934PD-3, S/N 45435

Transponder #1 – GTX330, S/N 84121952

Transponder #2 – N/A, S/N N/A

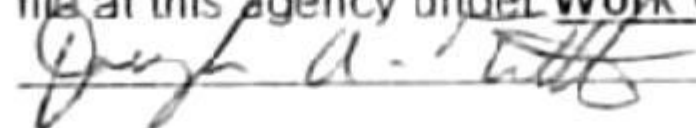
Encoder #1 – AK350, S/N 602290

Encoder #2 – N/A, S/N N/A

The altimeter(s) and the encoder(s) data correspondence were tested to 20,000 feet.

#### MAINTENANCE RELEASE

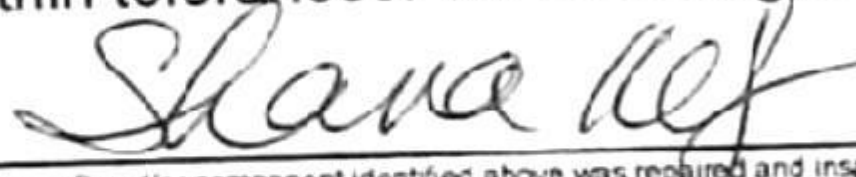
The components identified above were inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this inspection are on file at this agency under **Work Order No. 63503** **Date: July 18, 2008** Signed

 for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732

CRS# C41R727N

N614DM

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>30 Sept 08; N614DM; W.O.# 2854</p> <p>Removed malfunctioning AK-350 encoder (sn: 64079); calibrated and installed new AK-350 encoder (sn: 69581), IAW manufacturer's instructions. Static system leak check within tolerances. All checks good.--END--</p> <p style="text-align: right;">                        Louisiana Avionics, Inc.                      QBQR254K                 </p> <p style="font-size: small;">                     The aircraft and/or component identified above was repaired and inspected in accordance with current Code of Federal Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under this work order.                 </p>				
<p>Total To Carry Forward</p>				



and Remarks

Signature

Certificate No

04 June 2009; N614DM; W.O.# 3042  
Upgraded GNS 430 (sn: 97133970) and GNS 430 (sn:  
97134003) to Main SW 5.04 IAW Garmin Software  
Service Bulletin No. 0844---END---

*Shara Ly*

Louisiana Avionics, Inc.  
QBQR254K

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal air regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under this work order.

08 June 09; N614DM ; W.O.# 3042  
MFD shows "Traffic Fail" msg: Removed EX5000 MFD  
(sn: 22460186), installed EX 5000 MFD (sn: 20223107)  
and configured. Operational Checks good.---END---

*Shara Ly*

Louisiana Avionics, Inc.  
QBQR254K

The aircraft and/or component identified above was repaired and inspected in accordance with current Code of Federal Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under this work order.

# AIRCRAFT LOG

Date

Maintenance

**Pelican Aviation, Inc. Summerville, SC 29483**

08-01-09 N614DM TTAF 449.9 Tach time 449.9

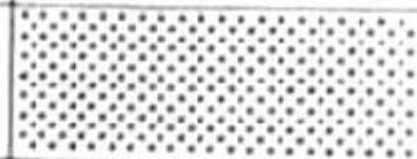
Removed inspection panels. Inspected and lubed IAW FAR 43 Appendix D inspection guide and service manual. Lubed wheels and gear assembly. Inspected and lubed all flight controls. Performed retract tests and extension tests. Replaced LH and RH main tires and tubes with 600x6 8 ply Airhawk. Serviced battery. Checked lights. Reinstalled inspection panels. CW AD 84-26-02 by replacement of induction air filter P/N P15-1936, due again at 949.9 TTAF. CW AD 08-14-07 inspection of injector lines and clamps. Inspected and tested ELT IAW FAR 91.207 (d) and was found airworthy at this time. ELT battery expires 10-2010.

*At the time of this inspection, I certify this aircraft has been inspected in accordance with an ANNUAL inspection and was found to be airworthy.*



Steven F Barbieri AP 3129565 IA

Total To Carry Forward



and Remarks

Signature

Certificate No.

# NG14DM

The following altimeter system and altitude reporting equipment tests and inspections required by FAR 91.411 have been performed LAW FAR 43 Appendix E

PARAGRAPH (a) Static pressure system date 04 Aug. 10

PARAGRAPH (b) Altimeter(s) date 04 Aug. 10

Pilots P/N EXP 5000 Standby P/N 5934PD-3

Pilots S/N 2001819C Standby S/N 45435

Tested to 20,000 ft Tested to 20,000 ft.

PARAGRAPH (c) Integrated System(s) date 04 Aug. 10

Pilots encoder P/N AK-350 S/N 69531

Copilots encoder P/N N/A S/N N/A

Signature [Signature]

LOUISIANA AVIONICS CRS QBQR254K Baton Rouge Metro

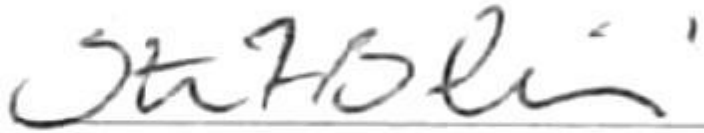
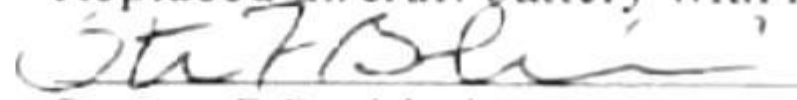
ATC Transponder tests and inspections as required by FAR 91.413 law FAR 43, Appendix "F", have been performed.

TRANSPONDER MODEL GTX 330 S/N 94121952

04 Aug. 10 [Signature]  
(date and signature)

Louisiana Avionics, Inc., CRS QBQR254K  
Airport, Baton Rouge, La.

# AIRCRAFT LOG

Date	Aircraft Time	Recorder	Maintenance
<b>Pelican Aviation, Inc. Summerville, SC 29483</b>			
	10-01-10 N614DM TTAf 570.5 Tach 570.5		
	Removed inspection panels. Inspected and lubed in accordance with FAR 43 Appendix D and PA32R Service Manual. Checked lights. Inspected and serviced brakes. Lubed flight controls. Inspected and serviced battery. Inspected and lubed landing gear as required. Replaced ELT Battery. Expires 8-2012. Inspected and tested ELT IAW FAR 91.207 (d) and was found satisfactory. CW AD 10-15-10 by inspection, NLA's.		
	<i>At the time of this inspection, I certify this aircraft has been inspected in accordance with an Annual Inspection and was found to be in airworthy condition.</i>		
	 Steven F Barbieri AP 3129565 IA		
	11-18-10 Hobbs 587.7		
	Replaced aircraft battery with new Gill G-243, s/n G02535151.		
	 Steven F Barbieri AP3129565		
Total To Carry Forward			



and Remarks

**Pelican Aviation, Inc. Summerville, SC 29483**

**11-8-11 N614DM TTAF 664.9 Tach 664.9**

Removed inspection panels. Inspected and lubed in accordance with FAR 43 Appendix D. Checked lights. Replaced all brake linings with new 066-06200 linings. Serviced brake reservoir with Mil spec 5606 hydraulic fluid. Lubed flight controls. Inspected and serviced battery. Inspected and lubed landing gear as required. ELT Battery expires 8-2012. Inspected and tested ELT IAW FAR 91.207 (d) and was found satisfactory. AD 84-26-02 paper air filter due replacement @ 950.8 TTAF.

*At the time of this inspection, I certify this aircraft has been inspected in accordance with an Annual Inspection and was found to be in airworthy condition.*

  
\_\_\_\_\_  
Steven F Barbieri AP 3129565 IA

Certificate

Date

Aircraft Time

Recorder  
Reading

Maintenance

N 614DM MAKE PIPER MODEL PA-32R-301TTHE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.411  
HAS BEEN PERFORMED THIS DATE 8 NOV 12ALTIMETER TESTED IN COMPLIANCE WITH APPENDIX E PART 43  
TO 20000 FEET. DATE 8 NOV 12 STATIC SYSTEM CHECK  
PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA. F.A.A.

F/S#HS4R243M

SIGNED

R Allen

DATE

8 NOV 12UNITED STD ALT

DATE

8 NOV 12

I CERTIFY THIS ATC TRANSPONDER

(MAKE)

GARMIN

(MODEL)

GT-X-330

(SERIAL#)

—

HAS BEEN TESTED, INSPECTED AND FOUND TO

COMPLY WITH APPENDIX E OF F.A.R. 43 AND PART 91.413, FAA, R/S#HS4R243M

SIGNED

R Allen

DATE

8 NOV 12

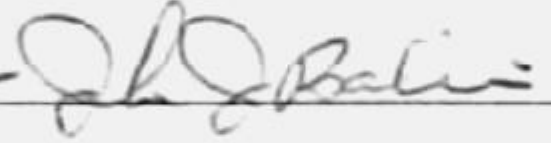
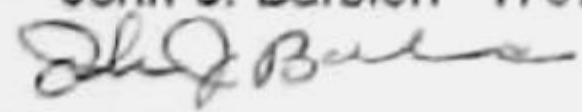
TESTS PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA

**RAY ALLEN'S ELECTRONICS, INC.**53-A6 Hanger Drive • Butler, Georgia 31006  
Ph. 478-862-3033 • FAA CRS #HS4R243M

test alt. ft.	tol.	actual +or-ft.	friction	tol.	actual +or-ft.	case leak
-1000	20	-20	1000	70	25	0
0	20	-10	2000	70	30	hystersis +or-ft.
500	20	-5	3000	70	30	
1000	20	+15	6000	70	35	50/ 0
1500	25	+5	10000	80	35	40/ -10
2000	30	+20	16000	90	45	after effect
			20000	100	50	tol + ft.





and Remarks	Signature	Certificate No.
602742446, INSPECTED LIGHTS, REPLACED NOSE WHEEL BEARINGS		
GREASED LANDING GEAR, PERFORMED RETRACTION & EXTENSION TEST, ALL NORMAL.		
11-14. INSPECTED ELT 1/4/W FAR 91.207 d, NO DISCREPANCIES NOTED		
Hinges, LUBED AS REQUIRED, INSPECTED BRAKES, SERVICED RESERVOIR, SERVICED		
AIRCRAFT INSPECTED USING FAIR 43D AS A GUIDE -		AP1707223
Date <u>11-12-12</u> Total Time <u>771.6</u> Meter Time <u>771.4</u> I certify that this <u>AIRCRAFT</u> has been inspected in accordance with <u>FAIR</u> inspection and was determined to be in air worthy condition.		
John J. Barbieri 1767223 <u>FA</u> 		

# AIRCRAFT LOG



580 Airport Road Rock Hill, SC 29732

Phone: (803) 366-5108 / Fax: (803) 366-5230

e

<b>Airframe Log Entry</b>	<b>Hobbs: 772.7</b>	<b>Registration #: N614DM</b>
<b>Date: 1 Dec 2012</b>		<b>Make/Model: PA-32R-301T</b>
<b>W/O: UZA-100751</b>		<b>S/N: 3257434</b>

- Performed ground run-up. NDN.
- Performed AD and SB research. No AD's due at this time. Reviewed 11/27/2012. Release 2012-22.
- Inspected aircraft for obvious structural damage. No structural damages noted.
- Checked internal fuselage and wings for corrosion. No corrosion noted.
- Performed 10 trouble free retractions and extensions and 3 emergency extension. NDN.

**Owner Notified of the following:**

- Fuel quantity not calibrated. Owner notified.
- Piper SB 1198A Fuel Selector O-Ring not performed. Owner notified.
- Piper SB 1216B Aileron Rib Inspection not performed. Owner notified.
- Piper SB 1244 Aft Wing Attach Fitting Inspection Requirements not performed. Owner notified.
- Piper SB 1245 Stabilator Control System Inspection not performed. Owner notified.
- MFD charts expired, Navdata and Obstacle database expired, both GNS 430's Obstacle database expired, both GNS 430's Nav data expired. Owner notified.



580 Airport Road, Rock Hill, SC 29732

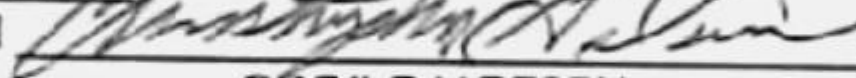
Phone: (803) 366-5108 / Fax: (803) 366-5230

- Garmin 430 #1 5.04 Software, #1 3.03 GPS Software #2 5.04 Software, #2 3.03 GPS Software Both Non-WAAS. PFD Software P/N: 530-00177-000 Rev 01, R 6.0; PFD must be removed and sent in for WAAS upgrade. MFD Software P/N: 530-00195-012 Rev 00 R 8.0; Needs to be upgraded for WAAS. Owner Notified.

**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 with respect to work performed. Pertinent details of the repair are on file at this agency under Work Order No:

UZA-100751

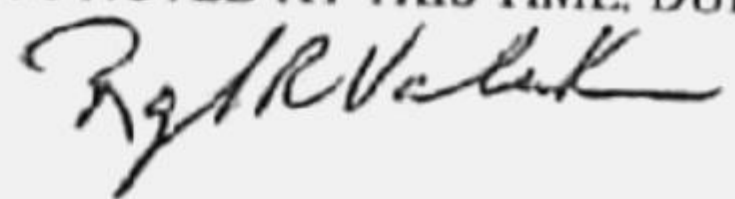
Signed  for Skytech, Inc., PO Box 37507, Rock Hill, SC 29732.  
CRS# C41R727N

**AIRFRAME LOG ENTRY**

Model: PA32R-301T  
Registration #: N614DM  
Aircraft Total Time: 792.6

Serial Number: 3257434  
Date: 1-16-13  
Aircraft Tach time: 792.6

COMPLIED WITH PIPER SB 1244- INSPECTION OF AFT WING SPAR/ ATTACH FITTING FOR CORROSION-- NONE NOTED AT THIS TIME. DUE AGAIN 2792.6 ACTT OR 1/2020.  
COMPLIED WITH PIPER SB 1245A- INSPECTION OF STABILIZER CONTROL CABLE SYSTEM AND TURNBUCKLES--NO DEFECTS NOTED AT THIS TIME. DUE AGAIN 2792.6 ACTT OR 1/2020.

 3589154 RJP

# AIRCRAFT LOG

Aircraft Time		Recorder Reading	Maintenance
This Date	Total		
Brought Forward →			

## AIRFRAME LOG ENTRY

Model: PA32R-301T  
 Registration #: N614DM  
 Aircraft Hobbs Time: 801.4

Serial Number: 3257434  
 Date: 1-31-13

ADJUSTED CABLE TENSIONS FOR AUTOPILOT PITCH SERVO I/A/W CHAPTER 22 OF PIPER PA32R-301T MAINTENANCE MANUAL. ADJUSTED CABLE TENSIONS FOR HORIZONTAL STABILATOR AND STABILATOR TRIM I/A/W CHAPTER 27 OF PIPER PA32R-301T M/M. INSTALLED NEW NOSE TIRE P/N 070-312-0 S/N 2132S00395 AND NEW TUBE P/N 092-308-0. INSTALLED NEW RIGHT MAIN TIRE P/N 070-317-0 S/N 2094S00411 AND NEW TUBE P/N 092-315-0. INSTALLED NEW LEFT MAIN TIRE P/N 070-317-0 S/N 2094S00413 AND NEW TUBE P/N 092-315-0. CLEANED AND REPACKED WHEEL BEARINGS. WORK DONE I/A/W CHAPTER 32 OF PIPER PA32R-301T MAINTENANCE MANUAL.

*Ray R. Va...*      3589154 ACP


Total To Carry Forward				

AIRFRAME LOG ENTRY

Model: PA32R-301T  
Registration #: N614DM  
Aircraft Total Time: 821.2

Serial Number: 3257434  
Date: 3-7-13  
Aircraft Hobbs time: 821.2

INSTALLED NEW BRAKE LININGS ON BOTH LH AND RH SIDES P/N RA66-62. INSTALLED NEW FUEL DRAIN VALVES P/N F391-187. WORK PERFORMED I/A/W PIPER PA32-301T MAINTENANCE MANUAL.

Signature:  3589154 AP

AIRFRAME LOG ENTRY

Model: PA32R-301T  
Registration #: N614DM  
Aircraft Total Time: 900.4

Serial Number: 3257434  
Date: 8-2-13

REPLACED NOSE WHEEL TIRE TUBE WITH NEW P/N 092-308-0 I/A/W PA32R-301T MAINTENANCE MANUAL CHAPTER 32-40-00. NO LEAKS NOTED.

 3589154 AP

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG NO: 614DM  
WORK ORDER  
5818-11-2013



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2383

DATE: 12/4/2013  
AC TSN: 9604  
TACH: 9604

Date

**Airframe Entries**

(4) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING PA32R-301T M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 11-2014. ADs CHECKED THROUGH CURRENT ON ATP.... (6) REMOVED PROP AND REINSTALLED PROP AFTER OVERHAUL IAW PIPER MM CH 61-10-00 OPS AND LEAK CHECK GOOD... (9) COMPLIED WITH PIPER S/B 1251 STABILATOR TRIM BARREL INSPECTION. FOUND CORRECT GEOMETRY TRIM BARREL... (10) C/W MSB 1216B AILERON RIB INSPECTION. NO DEFECTS NOTED AT THIS TIME.... (11) C/W PIPER MSB 1198A BY INSPECTION NO DEFECTS NOTED... (12) PERFORMED INSPECTION OF CONTROL YOKES IAW MSB 1197D. NO DEFECTS NOTED... (15) REMOVED AND REPLACED ONE EACH NOSE WHEEL BEARING AND RACE IAW PIPER M/M 32-40-00... (15) ADJUSTED MAP IAW PIPER PA-32R-301T MM CHAPTER 81-20-00. OPS CHECKED GOOD... (18) PERFORMED FUEL QUANTITY INDICATOR CALIBRATION IAW PIPER PA-32R-301T, SARATOGA II TC M/M CH 26-40. OPS CHECK GOOD.... (19) REMOVED FOR HYDRO. REINSTALLED O2 BOTTLE AND SERVICED OXYGEN PIPER MM CH 35-10. OPS CHECK GOOD.... (23) REPLACED LEFT AND RIGHT DISC BRAKE WITH NEW P/N 164-07800 IAW PIPER PA32R-301T M/M CH 32-40-00... (24) REPLACED LEFT AND RIGHT BRAKE LININGS WITH NEW P/N 066-06200 IAW PIPER PA32R-301T M/M CH 32-40-00... (25) REMOVED AND REPLACED A/C BELT WITH NEW P/N 37B19774-472. REMOVED AND REPLACED ALTERNATOR BELT WITH NEW P/N 37D22355.... (26) REPLACED CRANKSHAFT DRIVE SEAL IAW LYCOMING T10-540-AH1A OVERHAUL MANUAL... (29) C/W AD 84-26-02 PAPER INDUCTION AIR FILTER REPLACEMENT. INSTALLED NEW AIR FILTER P/N P151936... (30) REMOVED AND FLUSHED BOTH OIL RADIATOR IAW PIPER SB 586... (32) INSPECT FLAP CONTROL CABLE ATTACHMENT BOLT IAW PA32-301T MM CH 27-50... (38) CHECKED THROTTLE BODY ATTACHING SCREWS FOR TIGHTNESS... (40) EXAMINED CABLES FOR BROKEN STRANDS BY WIPING THEM WITH A CLOTH FOR THEIR ENTIRE LENGTH NO DAMAGED CABLES NOTED AT THIS TIME. CABLE TENSIONS CHECKED IAW PIPER MM CH 27... (41) CHECKED TORQUE AT FWD AND AFT SPAR ATTACH PER MM CH 57-40-00... (42) C/W MAGNETIC COMPASS SWING.

2 of 2

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION ON THIS DATE, APPROVED FOR RETURN TO SERVICE.

DATE: 12/4/2013

SIGNED:

Sam Tavares, IA: 3521895

Work Order: 5818-11-2013

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward

MAKE: Piper  
MODEL: PA-32T-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
5849-12-2013



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2383

DATE: 12/9/2013  
A/C TSN: 9821  
HOBBS: 9821

and

Certificate No.

**Airframe Entries**

(2) INSPECTED INDUCTION HOSES FOR OBSTRUCTIONS AND RETIGHTENED CLAMPS FOR PROPER SEAL. INSPECTED WASTEGATE FOR ANY ABNORMALITIES. LUBRICATED WASTEGATE AND OPS CHECKED. NO DEFECTS NOTED.... (3) ADDED SEAL STRIP TO PILOT STORM WINDOW.... (4) REPLACED STAND BY ADI WITH NEW PN 9015607.... (6) REPAIRED SHIELDING ON #1 CYLINDER TOP LEAD FOR PROPER OPERATION.... (7) FOUND BOSE JACK TO BE LOOSE ON PILOT SIDE. SECURED BOSE JACK AND CHECKED FOR PROPER OPERATION. NO DEFECTS NOTED.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS.

DATE: 12/9/2013

SIGNED:

Alex Bristol, A&P: 580256241

Work Order: 5849-12-2013

Printed by EBis 3 (datcomedia.com)

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

MAKE: Piper  
 MODEL: PA-32r-301T  
 SN: 3257434  
 REG. NO: 614DM  
 WORK ORDER:  
 6092-05-2014



**Premier Aircraft Service, Inc.**  
 5540 NW 23rd Avenue Hanger 14  
 Fort Lauderdale, FL 33309  
 Phone: (954) 334-2393

DATE: 5/12/2014  
 AC TSN: 10487  
 HOBBS: 10487

**Airframe Entries**

(3) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW FAR 43 APPENDIX D USING PA-32r-301T M/M CH 5 INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: MAY 2017. ADS CHECKED THROUGH CURRENT ON ATP.... (6) REMOVED, CLEANED, AND INSPECTED RIGHT BRAKE CALIPER. RESEALED, INSTALLED, AND BLED BRAKE CALIPER SYSTEM IAW PIPER M/M CH 32-00.... (8) INSTALLED CUSTOMER SUPPLIED RH WING TIP LENS WITH NEW PN W-2506.... (9) INSTALLED NEW ELT BATTERY PACK PN 452-0130. OPS CHECK GOOD. DATED MAY 2017... (10) REMOVED BURNED LAMP AND REPLACED WITH NEW GE 1495 BULB. OPS CHECK GOOD.... (13) C/W RECURRING SB 1244A AFT WING ATTACH FITTING INSP PER SB 1244A. NO DEFECTS NOTED TREATED AREA WITH CORROSION PREVENTIVE.... (14) C/W RECURRING SB 1216B AILERON RIB INSPECTION PER SB 1216B. NO DEFECTS NOTED AT THIS TIME.... (20) RTS FLIGHT PERFORMED BY PILOT CORBIN HALLARAN. DISCREPANCIES THAT FOLLOW WERE FOUND DURING THE RTS FLIGHT... (22) INSPECTED A/C SYSTEM FOR LEAKS, FOUND LEAKY VALVE CORE AT LOW PRESSURE SERVICE PORT. REMOVED AND REPLACED VALVE CORE WITH NEW. SERVICED SYSTEM WITH 2 LB OF R134 REFRIGERANT. OPS CHECK GOOD.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION ON THIS DATE. APPROVED FOR RETURN TO SERVICE ON THIS DATE.

DATE: 5/12/2014

SIGNED:

Sam Tavaroz, IA: 3521895

Work Order: 6092-05-2014

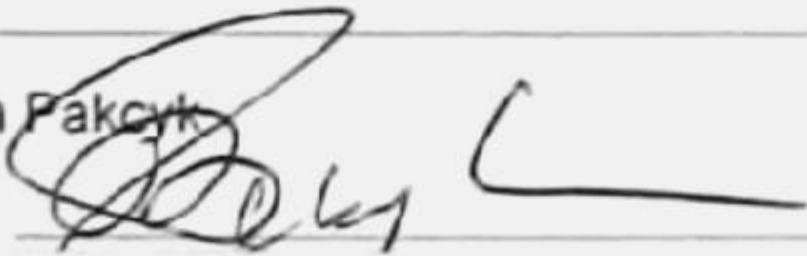
Printed by EBis 3 (datcomedia.com)

Total To Carry Forward





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

and Remarks	Signature	Certificate No
<p>Date: 6/14/2015                      Hours: 1175.0                      Tail: N614DM Make: Piper                              Model: PA-32R-301T                      Serial: 3257434</p>		
<p><b>Comments:</b> C/W annual inspection, open all panels &amp; inspect &amp; lube. Jack acft, C/W gear swing normal &amp; emergency, check tires &amp; brakes, lube gear, check all lights, service hyd system. Oxygen tank due <sup>HP</sup> 11/18. Check ELT battery for date and operation, battery due 5/17, C/W 91.207. C/W AD 95-26-13 by inspection. Check all AD's to date. At this time I certify that this aircraft has been inspected I/A/W an annual inspection and found to be in airworthy condition-----END-----</p>		
<p>Name: Alan Pakcyk Signature: </p>	<p>Cert: 1580072IA</p>	

AIRCRAFT LOG

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

LOGBOOK ENTRY FORM  
 QUALITY AVIONICS  
 9619 WRIGHT DRIVE  
 MIDLAND, TEXAS 79711

FAA REPAIR STATION QA9R719J

6/12/2015 PIPER PA-32R-301T S/N 3257434 N614DM HM: 1175.0 HRS  
 TESTED PILOT'S ALTIMETER SYSTEM CONSISTING OF AVIDYNE EXP5000 PFD S/N 20018196  
 FOR ACCURACY IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT.  
 TESTED STBY ALTIMETER UNITED INSTRUMENTS P/N 5934PD-3 S/N 45435 FOR ACCURACY  
 IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT. AD 74-24-13 AND AD 86-  
 05-02 IS N/A BY SERIAL NUMBER. TESTED AMERIKING AK-350 ENCODER S/N 69581 FOR  
 ACCURACY IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT. TESTED  
 GARMIN GTX-330 MODE 'S' TRANSPONDER FOR PROPER OPERATION IN ACCORDANCE  
 WITH FAR 91.413 PART 43 APPENDIX F. UNIT HAS SOFTWARE VERSION 4.04 AND AD 2005-  
 01-19 IS N/A BY SOFTWARE VERSION. TESTED PITOT/STATIC SYSTEM FOR LEAKS IN  
 ACCORDANCE WITH FAR 91.411. SEE ATTACHED CERTIFICATION TAGS.

SIGNED Donald Heepner FOR QUALITY AVIONICS FAA REPAIR STATION QA9R719J

To  
 Carry forward



and Remarks

Signature

Certificate

Date: 8/10/2016

Hours: 1223.5

Tail: N614DM

Make: Piper

Model: PA32R-301T


Serial: 3257434

**Comments:**  
 C/W Annual Inspection, open all panels, inspect, lube. Jack Acft, C/W gear swing normal and emergency. Replace lights in nose gear indicator. Check tires and brakes, lube gear, check all lights, service gear hydraulic system. Oxygen tank due ~~11/18~~ 11/18. Check ELT battery for date and operation, battery due 5/17. C/W 91.207 (D). Install new ELT Antenna. Repair pilots pedals by gluing rubber. Check all lights. Charge battery. Replace air filter to C/W 84-26-02, C/W 95-26-13 oil cooler hoses by inspection. Check all AD's to date. I certify that this aircraft has been inspected I/A/W an Annual Inspection and found to be in Airworthy Condition-----END-----

Name: Alan Pakcyk

Cert: 1580072IA

Signature:



ENTRY OUT OF DATE ORDER

**CENTRAL TEXAS AVIONICS, Inc.**  
 217 CORSAIR DRIVE  
 GEORGETOWN, TEXAS 78628  
**LOG BOOK ENTRY**

DATE: 10-7-2015  
 MAKE: PIPER

REG. #: N614DM  
 MODEL: PA-32R-301T

HOBBS: 1200.7  
 S/N: 3257434

**WORK PERFORMED:**

REMOVED THE DEFECTIVE STEC ROLL SERVO PART#0106-R9, SERIAL#0620-2144, AND INSTALLED A SERVICEABLE EXCHANGE UNIT STEC PART#0106-R9, SERIAL# 12531A. SET THE CLUTCH TENSION AND THE BRIDAL CABLE TENSION PER STEC DRAWING#761235. THE APPLIANCES IDENTIFIED ABOVE WERE REMOVED, INSTALLED, TESTED AND INSPECTED IN ACCORDANCE WITH THE CURRENT FEDERAL AVIATION REGULATIONS AND THE MANUFACTURER'S SPECIFICATIONS. THE AIRCRAFT HAS BEEN FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ACCOMPLISHED. REFERENCE WORK ORDER # 9622 ON FILE FOR DETAILS OF WORK PERFORMED.

CENTRAL TEXAS AVIONICS  
 FAA REPAIR STATION #: C84R586N

MAKE: Piper  
 MODEL: PA-32R-301T  
 S/N: 3257434  
 REG. NO: 614DM  
 WORK ORDER:  
 7355-11-2016

*Premier*  
 Aircraft Service

Premier Aircraft Service, Inc.  
 5540 NW 23rd Avenue Hanger 14  
 Fort Lauderdale, FL 33309  
 Phone: (954) 334-2393

DATE: 11/23/2016  
 A/C TSN: 1244.4  
 HOBBS: 1244.4

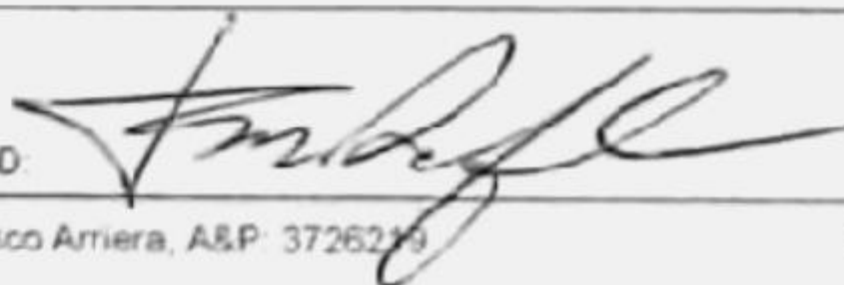
**Airframe Entries**

(7) COMPLIED WITH PIPER SB 1216B AILERON RIB INSPECTION NO DEFECTS FOUND AT THIS TIME. PREVIOUS COMPLIANCE WITH THIS SB 1216B BY INSTALLING A REINFORCING PLATE DO NOT REQUIRE RECURRING INSPECTION... (9) INSTALLED LIGHT BULB IN FORWARD BAGGAGE COMPARTMENT WITH NEW P/N 1495 AS REQUIRED. OPS CHECK GOOD... (16) REPLACED RIGHT FLAP STATIC WICK WITH NEW P/N SW10-96 IAW PA32R-301T M/M CH 23-60... (20) REPLACED LEFT AND RIGHT FUEL CAP PLACARDS WITH NEW P/N FP-006 IAW PA32R-301T M/M CH 11-20.

Total To  
 Carry For

DATE: 11/23/2016

SIGNED:



Francisco Arriera, A&P: 3726219

Work Order: 7355-11-2016

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
7355-11-2016



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE 11/23/2016  
A/C TSN 1244.4  
HOBBS 1244.4

and

### Airframe Entries

(4) ADDED FREON 134-A TO SYSTEM AS NEEDED. A/C BLOWING COLD AIR ... (5) COMPLIED WITH PIPER SB 1280A. INSTALLED NEW FIRE EXTINGUISHER P/N 459-750 ... (6) COMPLIED WITH PIPER SB 1242 RUDDER PEDAL ASSEMBLY INSPECTION NO DEFECTS FOUND AT THIS TIME ... (8) REPOSITIONED MUFFLER HINGE PIN AS REQUIRED ... (10) REPLACED NOSE TIRE INNER TUBE P/N 092-308-0 IAW PIPER PA28R-301T MM CHAPTER 32-40-00 AND CLEVELAND MANUAL AWBC MM0001 SECTION 300 ... (11) TIGHTENED RH OIL COOLER FITTINGS AS REQUIRED. NO LEAKS NOTED AT THIS TIME ... (14) WRAPPED FUEL FLOW TRANSMITTER IN FIRE SLEEVE AS REQUIRED ... (18) REPOSITIONED LH BRAKE CALIPER LINE AND APPLIED SPIRAL WRAP AS REQUIRED ... (19) LUBED ENGINE WASTE GATE AS REQUIRED ... (21) SERVICED BOTH MAIN AND NOSE STRUTS IAW PA32R-301T MM CHAPTER 12-10-00.

DATE: 11/23/2016

SIGNED:

Sam Wysoki, A&P: 2809955

Work Order 7355-11-2016

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
7389-12-2016



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 12/13/2016  
A/C TSN: 1253.4  
HOBBS: 1253.4

### Airframe Entries

(2) REPLACED STD BY ATTITUDE INDICATOR BATTERY WITH NEW P/N 9015607, S/N K16-10029 IAW PA32R-301T M/M CH 34-20. NEXT REPLACEMENT DUE 10/2019.

DATE: 12/13/2016

SIGNED:

Hadas Guilboa, A&P: 3188825

Work Order: 7389-12-2016

Printed by EBis 3 (datcomedia.com)

Certificate N

Date

ance

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
7422-01-2017



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 3/16/2017  
A/C TSN: 1260.8  
HOBBS: 1260.8

**Airframe Entries**

- (2) A/P COMPUTER P/N 01192-12-68TF, S/N 0540-8996 REINSTALLED REPAIRED UNIT PERFORMED GROUND PREFLIGHT TEST AND CHECK OUT. I/AW S-TEC 55X SERVICE MANUAL NO FAULTS NOTED.
- (3) REPLACED ELT BATTERY WITH NEW BATTERY PACK NEXT DUE DATE JAN 2020.
- (4) REMOVED MAIN BATTERY, CHARGED AND RE INSTALLED AS REQUIRED.

DATE: 3/16/2017

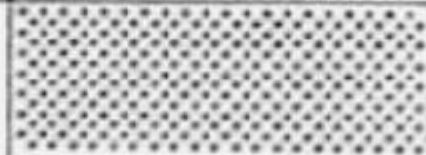
SIGNED:

Work Order: 7422-01-2017

Raymond Ocasio, ASP: 3490527

Printed by EBis 3 (dalcomedia.com)

Total To  
Carry Forward



MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG NO: 6140M  
WORK ORDER:  
7514-03-2017



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 3/21/2017  
A/C TSN: 1261.6  
HOBBS: 1261.6

Certificate No.

**Airframe Entries**

- (3) SERVICED TIRES IAW PA -32-301T CH 12-24-01 AND SERVICED STRUTS IAW CH 12-22-01.
- (4) ADJUSTED MANIFOLD PRESSURE TO SPECS IAW PA32R-301T M/M CH 73-20-00
- (5) SERVICE A/C SYSTEM IAW PIPER PA-32R-301T M/M CHAPTER 21-50-00. PERFORMED ENGINE GROUND RUN OPS CHECKED GOOD. NO LEAKS DETECTED
- (6) ADJUSTED GOVERNOR STOP SCREW TO REACH THE RPM SPECS AT FULL FORWARD POSITION IAW PA32R-301T M/N CH 73-20.

DATE: 3/21/2017

SIGNED *Hadas Guilboa*

Work Order: 7514-03-2017

Hadas Guilboa, A&P: 3188825

Printed by EBis 3 (datcomeda.com)

TACH 1333.9 7/27/17 TAF 1333.9

CLEAVED & PACKED WHEEL BEARINGS, PERFORMED GEAR RETRACTION & EMERGENCY EXTENSION, CHECKED ALL LIGHTS, CHARGED BATTERY, TESTED ELT PER FAR 91.207(d) (1,2,3,4) BATT DUE 1/2020, I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER FAR 91.409(a) AND IS APPROVED FOR RETURN TO SERVICE.

*Gary Louse*

JA 2051687





and Remarks

Signature

Certificate No.

7/17/2018

HOBBS 1473-2

TAF 1473-2

CLEANED & PACKED WHEEL BEARINGS

PERFORMED GEAR RETRACTION AND EMERGENCY EXTENSION

GEAR SYSTEM OPERATES NORMAL

TESTED ELT PER FAR 91.207 (d) (1, 2, 3, 4) BATTI DUE JAN 2020

CHECKED ALL LIGHTS, CHARGED AIRCRAFT BATTERY, SERVICED

GEAR RESERVOIR & BRAKE RESERVOIR.

C/W S.B 1244A BY INSPECTING AFT WING ATTACH FITTING



I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN

ACCORDANCE WITH AN ANNUAL INSPECTION PER FAR 91.409 (a)

AND IS APPROVED FOR RETURN TO SERVICE

Gary Love IA 2051687

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →	N614DM		AIRFRAME Model PA32R-301T	S/N 3257434
	7/5/2018		Hobbs 1471.3	ACTT 1471.3
	Swapped top and bottom TCAD Antennas and coaxes. Certified Altimeter and Air Data Computer from -1,000 ft to 20,000 ft IAW FAR 43, Appendix E/FAR 91.411. Certified Encoder from -1,000 ft to 20,000 ft IAW FAR 43, Appendix E/FAR 91.411 and 91.217. Certified Transponder IAW FAR 43, Appendix F/FAR 91.413. Certified Pitot/Static systems IAW FAR 43, Appendix E/FAR 91.411. Recharged Air Conditioning. Tests ok upon completion. Details on file at this station under Work Order # 10007.			
	Signed: Leroy A. Dunn III Repairman Cert. #2610886 FAA Certified Repair Station #N4NR506Y			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p style="text-align: center;">AIRFRAME</p> <p>N614DM                      Model PA32R-301T  12/18/2018</p>	<p>S/N 3257434  ACTT 1550.4</p>	
<p>Replaced Ignition harnesses. Reinstalled pilot's yoke bushing. Ran aircraft. Tests ok upon completion. Details on file at this station under Work Order #3264.</p>		
<p>Signed: Eric L. Steele  AP 4171050  Casper Air Service</p>		
<p style="text-align: center;">AIRFRAME</p> <p>N614DM                      Model PA32R-301T  1/31/2019</p>	<p>S/N 3257434  ACTT 1563.9</p>	
<p>Removed Alternator inop lamp switch P/N A-00258-2 S/N 80874145 and replaced it with a new switch P/N A-00258-2 S/N 80R67802. Ran aircraft. Tests ok upon completion. Details on file at this station under Work Order #3264.</p>		
<p>Signed: Eric L. Steele  AP 4171050  Casper Air Service</p>		

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3/14/19	<del>Hours</del> 1583 <sup>2</sup>			
Replace Both MAIN GEAR TIRES WITH NEW GOODYEAR 600x6 8ply TIRES & REPLACED TUBE IN NOSE TIRE.				
Gary Hoove ACP 2051687				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>8/3/2019 Hobbs 1619.3 TIAF 1619.3 CLEANED &amp; PACKED WHEEL BEARINGS, SERVICED BRAKE RESERVOIR, CHECKED ALL LIGHTS, SERVICED BATTERY, PERFORMED GEAR RETRACTION &amp; EMERGENCY EXTENSION, SYSTEM OPERATES NORMAL, TESTED ELT PER FAR 91.207(d) (1,2,3,4) BATT Due JAN 2020, q/w SB 1244A By inspecting AFT wing ATTACH FITTING,</p>	<p>Gary Loose IA 2051687</p>	
<p>I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER FAR 91.409(a) AND IS APPROVED FOR RETURN TO SERVICE.</p>		

Date

MAKE: Piper  
MODEL: PA-32R-301T  
S/N: 3257434  
REG. NO: 814DM  
WORK ORDER:  
8671-11-2019



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 12/30/2019  
A/C TSN: 1667.2  
HOBBS: 1667.2

ance

**Airframe Entries**

(1) INSTALLED STRATUS ESG TRANSPONDER P/N 153010-000050 S/N 081468 WITH INTERNAL WAAS GPS SOURCE.  
INSTALLED WAAS GPS ANTENNA P/N AV-801 S/N 193603 TOP FORWARD FUSELAGE F.S STA 98.2 I/A/W RAMI AV-801  
DOC #27-801-02 AND APPAREO STRATUS ES/ESG INSTALLATION MANUAL 600840-000032 REV-2.2 AND AML STC  
SA04112CH MODEL LIST REV:5. REVISED POH EQUIPMENT LIST AND FLIGHT MANUAL SUPPLEMENT. NO EFFECT TO  
W&B.

DATE: 12/30/2019

SIGNED:

Raymond Ocasio A&P 3490527

Work Order: 8671-11-2019

Printed by EBis 3 (datcomedia.com)

Total To  
Carry Forward



and

MAKE: Piper  
 MODEL: PA-32R-301T  
 S/N: 3257434  
 REG. NO: 614DM  
 WORK ORDER:  
 8643-10-2019



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14  
 Fort Lauderdale, FL 33309  
 Phone: (954) 334-2393

DATE: 1/24/2020  
 A/C TSN: 1667.2  
 HOBBSS: 1667.2

and

ificate No.

### Airframe Entries

(6) ~~REPLACED~~ ENGINE MOUNT ISOLATORS WITH NEW P/N J9613-19 AND J9613-55 AND TORQUED IAW PA32R-301T MM CH 71-20-00.

(7) REPLACED ALL ENGINE FLUID FLEXIBLE HOSES WITH NEW IAW PIPER PA32R-301T MM CH 20-00.

(9) C/W MID-CONTINENT STD-BY INSTRUMENT ICA BATTERY REPLACEMENT. INSTALLED NEW BATTERY P/N 9015607. OPS CHECKED GOOD.

(18) RESEALED LEFT MLG ACTUATOR WITH NEW KIT P/N 199-538A IAW KIT INSTRUCTIONS. CYCLED LNG GEARS, NO LEAKS NOTED.

(19) RE SECURED ELEV TRIM CABLE TURNBUCKLE IAW AC43.13-1B CH 7.

(20) REPLACED ALTERNATOR, GND CLEAR AND RADIO MASTER SWITCH BACKLIGHT BULBS WITH NEW P/N 85 AS REQUIRED.

(22) RESEALED RIGHT MLG ACTUATOR WITH NEW KIT P/N 199-538A IAW KIT INSTRUCTIONS. CYCLED LNG GEARS, NO LEAKS NOTED.

(27) REPAIRED BAFFLE PIECE BETWEEN CYL 6 AND OIL COOLER WITH SHEETMETAL DOUBLER IAW AC43.13-1B CH 4.

(30) BLED RH BRAKE CALIPER IAW PA32R-301T MM CH 32-40-00.

(38) INSTALLED NEW NUT PLATE ON AIR FILTER HOUSING LWR ATTACH POINT IAW AC43-13.1B CH 7.

(39) REPLACED ALTERNATOR BELT WITH NEW P/N 37D22355 IAW PIPER PA32R-301T MM CH 24-30.

(42) REPAIRED WIRE TERMINAL AT AC COMPRESSOR CONNECTOR IAW AC43.13-1B CH 11.

(45) INSTALLED SERVICEABLE OXYGEN BOTTLE P/N 895-24051 S/N C06040145 AND SERVICED WITH AVIATOR OXYGEN I.A.W. PA32R-301T M.M. CH 35-00-00.

PERFORMED LEAK CHECK AFTER NOTICING THAT THE OXY GEN SYSTEM HAD LOST ALMOST ALL CHARGE SINCE INSTALLATION , FOUND THE CORPORATE AND TIGHTENED SERVICE FITTING TO SPECS AND SERVICED OSXYGEN

2 of 2

SYSTEM TO SPECIFICATIONS. ALL WORK PERFORMED I.A.W. PA 32R-301T M.M. CHAPTER 20-00-00 STANDARD PRACTICES AND CHAPTER 35-00-00 OXYGEN.

(46) REPLACED FIN STROBE CONTROL SWITCH WITH NEW P/N 688-298 AND INDICATOR BULB P/N 85 IAW PA32R-301T MM CH 33-10-00. OPS CHECKED GOOD.

(47) REPLACED A/P ENCODER STATIC TUBE WITH NEW P/N 299T01-004 IAW MEGGIT AVIONICS STEC MM P/N 87102.

(48) REPLACED STRIKER ARM ON THROTTLE GEAR WARNING SWITCH WITH NEW. RE INSTALLED ENG CONTROLS CONSUL.

DATE: 1/24/2020

SIGNED:

Work Order: 8643-10-2019

Dennis Allard, A&amp;P: 3808264

Printed by EBis 3 (datcomedia.com)

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

MAKE: Piper  
 MODEL: PA-32r-301T  
 S/N: 3257434  
 REG. NO: 614DM  
 WORK ORDER:  
 8989-07-2020



**Premier Aircraft Service, Inc.**  
 5540 NW 23rd Avenue Hanger 14  
 Fort Lauderdale, FL 33309  
 Phone: (954) 334-2393

DATE: 8/26/2020  
 A/C TSN: 1682.9  
 HOBBS: 1682.9

**Airframe Entries**

(11) I CERTIFY THAT ALTIMETER, ALTITUDE REPORTER, TRANSPONDER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAS BEEN COMPLETED. ALTIMETER HAS BEEN TESTED TO 20,000 FT. MAIN ALTIMETER: M/N EXP 5000 S/N 20018196 STBY ALT. M/N 5934PD-3 S/N: 6C318 ENCODER P/N AK-350 S/N 69581  
 I CERTIFY THAT THE TRANSPONDER TEST PER FAR 91.413 HAS BEEN COMPLETED. STRATUS TRANSPONDER M/N: 153010-000050 S/N 081468.  
 INSPECTION REPORTS ON FILE UNDER THIS W/O.

DATE: 8/26/2020

SIGNED:

Work Order: 8989-07-2020

RAYMOND OCASIO  
 CRS 9PRR402B

Printed by EBis 3 (datcomedia.com)

Total To Carry Forward				



and R

Date No.

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
8989-07-2020



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 8/26/2020  
A/C TSN: 1682.9  
HOBBS: 1682.9

**Airframe Entries**

- (2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING PA32R-301T MM INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: APR 2023. ADS CHECKED THROUGH CURRENT ON ATP.
- (9) C/W AD 84-26-02 AIR FILTER REPLACEMENT. REPLACED INTAKE AIR FILTER WITH NEW P/N P15-1936 I.A.W PIPER PA-32R-301T MM CH 12-20-00 & DONALDSON DOC. P469075\* REV 8.
- (10) C/W ELT TEST AND INSPECTION IAW FAR 91.207-D, PAR 1-2-3-4 ON ARTEX ELT P/N 453-0150 S/N 73709 AND FOUND SATISFACTORY. REPLACED ELT BATTERY WITH NEW P/N 452-0130 S/N: 385949-033 I.A.W PA-32R-301T MM CH 25-60-00. EXP DATE: APR/2023.
- (12) C/W ICA MID-CONT STD-BY INST BATTERY TEST. BATTERY PACK FUNCTIONED PROPERLY AT THIS TIME I.A.W MID-CONTINENT INSTRUMENTS MANUAL 9015762 REV J.
- (13) C/W PIPER SB 1161A RIB ASSY INSP & MOD. PERFORMED NDT INSPECTION. NO DEFECTS NOTED AT THIS TIME. DUE EA 500 HRS.
- (14) C/W PIPER SB 1197E CONTROL WHEEL SHAFT INSP. NO DEFECTS NOTED AT THIS TIME.
- (15) C/W PIPER SB 1216B AILERON RIB INSP RH AILERON ONLY. NO DEFECTS NOTED AT THIS TIME. DUE EA 100 HRS.
- (16) C/W PIPER SB 1242A RUDDER PEDAL ASSY INSP. NO DEFECTS NOTED AT THIS TIME. DUE EA 100 HRS.
- (17) C/W PIPER SB 1245A STAB CONTROL SYSTEM INSP. NO DEFECTS NOTED AT THIS TIME. ADJUSTED STABILATOR CONTROL CABLES IAW PA-32R-301T MM CH 27-32-00. DUE EA 7 YRS.
- (18) C/W PIPER SB 1342 STAB FITTING INSP. MEASURED DISTANCE CONFORMS TO TYPE DESIGN. NO FURTHER ACTION REQUIRED.
- (19) C/W 1 YR MAIN BATTERY CAP TEST. REMOVED BATTERY PN RG24-15 SN 40823402 FOR CAP TEST. FAILED AT 62.9%. INSTALLED NEW BATTERY P/N RG24-15 S/N 41088780 IAW PIPER PA-32R-301T MM CH 24-30-00.
- (20) C/W 2 YR MAGNETIC COMPASS SWING AND MAGNETOMETER CALIBRATION IAW AC43-215 AND AVIDYNE


AIRCRAFT LOG

enance

2 of 3

MANUAL AVMF-167. PROVIDED COMPASS CARD.

(22) C/W 200 HR FLAP INTERIOR INSP FOR CORROSION IAW CH 5-30-00. NO DEFECTS NOTED AT THIS TIME.

(23) C/W 500 HR FLAP SELECT LEVER CABLE INSP IAW CH 5-30-00. NO DEFECTS NOTED AT THIS TIME.

(24) C/W 500 HR CLEAN & LUBE OF STAB TRIM DRUM SCREW IAW CH 5-30-00.

(25) REMOVED O2 BOTTLE P/N 1270152-2 S/N 279-14652 & REPLACED WITH P/N 1270152-2 S/N 279-26434 I.A.W PA-32-301T MM CH 35-10-00. HYDRO TEST DUE 7/2025.

(27) REPLACED ATTACHING H/W FOR SHIMMY DAMPENER MOUNT BRACKET & ROD END IAW PA-32R-301T MM CH 32-20-00.

(28) REPLACED NLG STEERING ARM ROLLER BUSHINGS & BEARINGS WITH NEW P/N CA63900-109, P/N CA63900-122 & P/N AA-432-3 I.A.W PA-32R-301T CH 32-20-00.

(29) REPLACED NLG RETRACT ACTUATOR HOSES WITH NEW P/N 465-287 & P/N 565-186 IAW PA-32R-301T MM CH 32-30-00. SERVICED HYD RESERVOIR. CYCLED LNG GEARS, OPS CHECKED GOOD.

(31) TORQUED NLG DRAG LINK ATTACH BOLT I.A.W AC43.13-1B CH 7.

(32) REPLACED NOSE WHEEL BEARINGS WITH NEW P/N 08125-20629 IAW PA-32R-301T MM CH 32-40-00.

(33) ADJUSTED AILERON CABLE TENSION TO BE WITHIN SPECS IAW PA-32R-301T CH 27-00-00 & CH 27-10-00.

(34) REPLACED LH AND RH BRAKE LININGS WITH NEW P/N 066-06200 I.A.W. PA32R-301T MM CH 32-40-00.

(35) REPLACED MIXTURE CONTROL CABLE ROD-END H/W WITH NEW IAW AC43.13-1B CH 7.

(38) REPAIRED STAND-BY ALTERNATOR REGULATOR WIRE TERMINALS AT PIN 12 ON PLUG P9 AND R9 IAW PA-32R-301T MM CH 24-30, 91-24-30, AND AC43.13-1B CH 11. ENG RUN UP CHECKED GOOD.

(43) REPLACED 3 SETS OF HINGES ON ELEVATOR TIM TAB ASSY WITH NEW IAW AC43.13-1B CH 4.

(47) REPLACED NLG RETRACT ASSIST SPRING WITH NEW P/N 487-483 I.A.W PA-32R-301T MM CH 32-20-00.

(48) REPAIRED WIRE ON LH MLG DOWN LOCK SWITCH IAW AC43.13 1B CH 11. CYCLED LNG GEARS, OPS CHECKED GOOD.

(49) RESEALED LH & RH BRAKE CALIPERS WITH NEW P/N MS28775-222 O-RINGS & BLED BRAKES SYSTEM IAW PIPER PA-32R-301T MM CH 32-40.

(50) REPLACED STAND-BY ALTIMETER WITH NEW P/N 5934PD-1 S/N 6C318 IAW PA-32R-301T MM CH 34-00-00.

(51) CORRECTED MISS INSTALLATION OF TAS600 TRAFFIC SYSTEM. ADDED WEIGHT ON WHEELS AND LANDING GEAR POSITION DISCRETE. PERFORMED DIAGNOSTICS AND SETUP. TAS GROUND CHECK NORM FUNCTION I/A/W AVIDYNE TAS600 INSTALLATION MANUAL 32-2351 REV.5.

3 of 3

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 8/26/2020

SIGNED:

Emmanuel Yucioso, IA: 3708718

Work Order: 8989-07-2020

Printed by EBis 3 (datcomedia.com)

Total  
Carry

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
8989-07-2020



**Premier Aircraft Service, Inc.**

5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 8/26/2020  
A/C TSN: 1685.9  
HOBBS: 1685.9

ificate No.

**Airframe Entries**

(52) POST MAINTENANCE OPERATIONAL FLIGHT PERFORMED BY DAVID POMERANCE, RATED PILOT CERT # 1655862 PER 14 CFR 91.407. DISCREPANCIES FOUND DURING PMO FLIGHT PERTAINING TO ITEMS ON THIS WORK ORDER HAVE BEEN LISTED.

(54) TROUBLESHOT GNS 1 AND 2 FOUND INCORRECT SETTING RS232 CHNL-1. RE CONFIGURED TO EFIS AIR DATA. ALTITUDE INFORMATION RESTORED. NO FAULTS NOTED I/A/W PA-32R-301T MM CH 34-00-00.

(55) REMOVED AND RE INSTALLED EX5000 MFD P/N 700-00004-006 S/N 20223107 AFTER REPAIR FROM EXTANT AEROSPACE (UNDER W/O 29382-23186RS). REPLACED RIGHT WING INBD FUEL SENDER WITH NEW P/N 755-049 AND OTBD FUEL SENDER WITH NEW P/N 7740-00205. PERFORMED DAU FUEL CALIBRATION AND MFD SETUP. PERFORMED AVIDYNE ENTEGRA SYSTEM GROUND CHECK OUT NO FAULTS NOTED IAW EX5000 MFD MM.

DATE: 8/26/2020

SIGNED:

Raymond Ocasio, A&P: 3490527

Work Order: 8989-07-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
8989-07-2020



**Premier Aircraft Service, Inc.**

5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 10/13/2020  
A/C TSN: 1687.9  
HOBBS: 1687.9

**Airframe Entries**

(57) REMOVED & RE INSTALLED EX5000 PFD DISPLAY P/N 700-00006-002 S/N 20018196 AFTER REPAIR BY EXTANT AEROSPACE (UNDER W/O 29714-23453RS). INSTALLATION SETUP AND CALIBRATION DONE I/A/W AVIDYNE EX5000 INSTALLATION MANUAL P/N 600-00141-001 REV.05. GROUND TEST AND CHECK OUT OK.

DATE: 10/13/2020

SIGNED:

Raymond Ocasio, A&P: 3490527

Work Order: 8989-07-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
9123-10-2020



**Premier Aircraft Service, Inc.**

5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 10/30/2020  
A/C TSN: 1691.9  
HOBBS: 1691.9

Dc

enance

**Airframe Entries**

(2) REPLACED TURN COORDINATOR WITH OVERHAULED P/N 6405-28L S/N C08-10712 IAW PA-32R-301T CH 34-20-00 AND S-TEC MM P/N 87102. PERFORMED GROUND OPERATIONAL CHECKED GOOD.

DATE: 10/30/2020

SIGNED:

Juan Valencia, A&P: 3804317

Work Order: 9123-10-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
9276-02-2021



**Premier Aircraft Service, Inc.**

5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 3/9/2021  
A/C TSN: 1769.1  
HOBBS: 1769.1

**Airframe Entries**

(3) REPLACED RH WING FUEL DRAIN WITH NEW P/N CCA2500 IAW PA-32R- 301T MM CH 28-20  
(4) SERVICED LH & RH MLG STRUTS IAW PA-32R-301T MM CH 12-10-00.

DATE: 3/9/2021

SIGNED:

Tyler Facey, A&P: 4249255

Work Order: 9276-02-2021

Printed by EBis 3 (datcomedia.com)

**Total  
Carry forward**



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

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
9375-05-2021



**Premier Aircraft Service, Inc.**

5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 5/26/2021  
A/C TSN: 1819.6  
HOBBS: 1819.6

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

**Airframe Entries**

- (2) REPLACED ELT ANTENNA WITH NEW P/N 110-773 AS REQUIRED.
- (6) REPLACED 3 BROKEN STATIC WICKS WITH NEW P/N SW10-96 AS REQUIRED.

DATE: 5/26/2021

SIGNED:

Work Order: 9375-05-2021

Desmond Gray, A&P: 3622985

Printed by EBis 3 (datcomedia.com)

MAKE: Piper  
MODEL: PA-32r-301T  
S/N: 3257434  
REG. NO: 614DM  
WORK ORDER:  
9375-05-2021



**Premier Aircraft Service, Inc.**

5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 5/26/2021  
A/C TSN: 1819.6  
HOBBS: 1819.6

**Avionics Entries**

- (3) CALIBRATED AK-350 ALTITUDE ENCODER +/- 10 FEET I/A/W ACK-350 INSTALLATION MANUAL IM-3501001 REV.NC SECTION 2.5.1. GROUND TEST WITHIN LIMITS. PERFORMED TRANSPONDER CORRELATION CHECK I/A/W FAR 91.413.

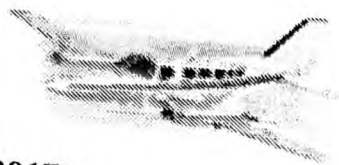
DATE: 5/26/2021

SIGNED:

Work Order: 9375-05-2021

RAYMOND OCASIO  
CRS 9PRR402B

Printed by EBis 3 (datcomedia.com)



**DATE:** July 21, 2021  
**MAKE / MODEL:** Piper PA32R-301T  
**HM:** 1,834.3

**AIRCRAFT REG:** N614DM  
**AIRCRAFT S/N:** 3257434  
**AIRCRAFT TT:** 1,834.3

1. Replaced landing gear down light assembly with new P/N 85315-003, S/N 104443.
2. Replaced left main gear actuator with new P/N SFA232-5, S/N 7565.
3. Serviced landing gear powerpack reservoir with MIL-H-5606A fluid.
4. Performed several gear retraction/extension cycles, no problems found.

Signature 

**Thomas A Schmidt AP34856871A**  
Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309  
(954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com

<b>Total To Carry Forward</b>				

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

and Remarks	Signature	Certificate
-------------	-----------	-------------

DATE 8-31-2021 TACH \_\_\_\_\_ HOUR METER 1,845.8

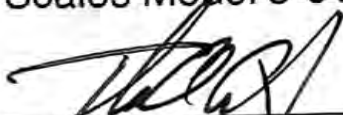
MFG/MODEL Piper PA32R-301T SERIAL 3257434

I certify that this aircraft was weighed in accordance with AC43.13-1B, change 1 in level flight attitude inside a closed hangar. Weighed with full oil. Weighed with fuel tanks full

Scale readings were:

LH MAIN 1232.0 RH MAIN 1230.0 NOSE ~~TAIL~~ 720.0

Scales Model 3-0101-299C, Serial 1239 Calibrated 3-1-2021

 AIRFRAME NO: 3485687

**AIRCRAFT WEIGHING CORP.**  
954-928-1619

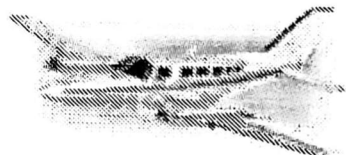
1020 N.W. 62nd St., Hgr #6  
Ft. Lauderdale, FL 33309

# AIRCRAFT LOG

Aircraft Time

Recorder

Maintenance



**DATE:** Sept 1, 2021

**MAKE / MODEL:** Piper PA32R-301T

**HM:** 1,845.8

**AIRCRAFT REG:** N614DM

**AIRCRAFT S/N:** 3257434

**AIRCRAFT TT:** 1,845.8

1. Cleaned, inspected and repacked all wheel bearings.
2. Cleaned, inspected, resealed and leak checked the fuel strainer.
3. Lubricated the aircraft and greased the landing gear.
4. Checked and serviced the battery.
5. Checked the ELT in accordance with FAR 91.207(d) no defects found, battery is due for replacing April 2023.
6. AD2013-02-13, checked the horizontal stab control cables and turnbuckles in accordance with the AD note, no defects found.
7. AD2015-19-07 checked the fuel injector lines and clamps in accordance with the AD note and Lycoming S/B, no defects found.
8. Checked Ad note thru biweekly issue # 2021-18.
9. I certify that this aircraft has been inspected in accordance with an annual inspection using Appendix D to FAR Part 43 as a guide and was determined to be in airworthy condition.

Signature \_\_\_\_\_

Thomas A Schmidt AP3485687IA

Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309

(954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com

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



and R



**AIRCRAFT REG: N614DM**  
**AIRCRAFT S/N: 3257434**  
**AIRCRAFT TT: 1,901.5**

**DATE: Dec 22, 2021**  
**MAKE / MODEL: Piper PA32R-301T**  
**HM: 1,901.5**

1. Replaced the left main tire with new P/N 606C86-6, S/N 11820219, Goodyear Flight Custom III. Balanced tire/wheel assembly.


Signature  Thomas A Schmidt AP3485687IA  
 Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309  
 (954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com



**AIRCRAFT REG: N614DM**  
**AIRCRAFT S/N: 3257434**  
**AIRCRAFT TT: 1,952.0**

**DATE: July 18, 2022**  
**MAKE / MODEL: Piper PA32R-301T**  
**HM: 1,952.0**

1. Replaced the nose tire with new P/N 5056C66-5 Goodyear Flight Custom III. Balanced tire/wheel assembly.

Signature  Thomas A Schmidt AP3485687IA  
 Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309  
 (954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



**DATE:** Sept 13, 2022  
**MAKE / MODEL:** Piper PA32R-301T  
**HM:** 1,966.8

**AIRCRAFT REG:** N614DM  
**AIRCRAFT S/N:** 3257434  
**AIRCRAFT TT:** 1,966.8

1. Cleaned, inspected and repacked all wheel bearings.
2. Cleaned, inspected, resealed and leak checked the fuel strainer.
3. Lubricated the aircraft and greased the landing gear.
4. Checked and serviced the battery.
5. Checked the ELT in accordance with FAR 91.207(d) no defects found, battery is due for replacing April 2023.
6. Replaced oil temp probe with P/N MS28034-1, S/N 20666.
7. AD2015-19-07 checked the fuel injector lines and clamps in accordance with the AD note and Lycoming S/B, no defects found.
8. Checked Ad note thru biweekly issue # 2022-17.
9. I certify that this aircraft has been inspected in accordance with an annual inspection using Appendix D to FAR Part 43 as a guide and was determined to be in airworthy condition.

Signature Thomas A Schmidt AP34856871A  
 Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309  
 (954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com

<b>Total To Carry Forward</b>				
-------------------------------	--	--	--	--

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

and Remarks

Signature

Certificate

LOGBOOK ENTRY:

NG 14DM PA-32-301 Hobbs 1966,8  
THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED  
TESTED AND INSPECTED I/A/W FAR43 APPENDIX E, PAR A & C, APPENDIX F (FAR91.413)  
AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE  
AT THIS REPAIR STATION UNDER W.O. 91222 DATE September 12, 2022

SIGNATURE

*[Handwritten Signature]* INSP. *[Handwritten Signature]*

TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A  
FT. LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M  
FT. LAUDERDALE EXECUTIVE AIRPORT \* ARCHER RAMP\*  
TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM

Stratus ESG S/N 081468  
A/C meets ADS-B compliance

CERTIFICATION EXPIRES ON September 30 2024

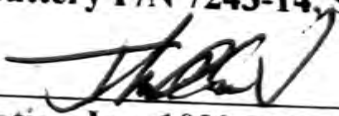
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			



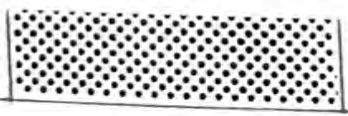
DATE: Jan 17, 2023  
 MAKE / MODEL: Piper PA32R-301T  
 HM: 2,004.8

AIRCRAFT REG: N614DM  
 AIRCRAFT S/N: 3257434  
 AIRCRAFT TT: 2,004.8

1. Installed new battery P/N 7243-14, S/N G03160605.

Signature  Thomas A Schmidt AP34856871A  
 Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309  
 (954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com

Total to Carry Forward





**DATE:** Nov 1, 2023  
**MAKE / MODEL:** Piper PA32R-301T  
**HM:** 2,024.9

**AIRCRAFT REG:** N614DM  
**AIRCRAFT S/N:** 3257434  
**AIRCRAFT TT:** 2,024.9

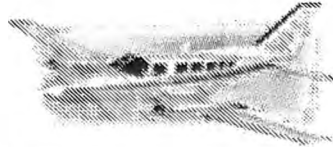
1. Cleaned, inspected and repacked all wheel bearings.
2. Cleaned, inspected, resealed and leak checked the fuel strainer.
3. Lubricated the aircraft and greased the landing gear.
4. Checked and serviced the battery.
5. Checked the ELT in accordance with FAR 91.207(d) no defects found, replaced the battery with new P/N 452-0130, S/N 399481-023, next due for replacement Sept 2025.
6. Replaced oil temp probe with P/N MS28034-1, S/N 20666.
7. Replaced the tail strobe flash tube with new P/N 01-0790111-02.
8. Replaced 2 SCAT air ducts in the engine compartment.
9. Serviced the Air Conditioning system with Freon.
10. AD2015-19-07 checked the fuel injector lines and clamps in accordance with the AD note and Lycoming S/B, no defects found.
11. AD23-09-09 doesn't apply to the riveted clamp installed, no further action required.
12. Checked Ad note thru biweekly issue # 2023-19.
13. I certify that this aircraft has been inspected in accordance with an annual inspection using Appendix D to FAR Part 43 as a guide and was determined to be in airworthy condition.

Signature \_\_\_\_\_

  
Thomas A Schmidt AP3485687IA  
Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309  
(954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com

# AIRCRAFT LOG


aintenance

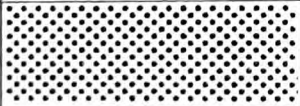


**DATE:** March 27, 2024  
**MAKE / MODEL:** Piper PA32R-301T  
**HM:** 2,032.5

**AIRCRAFT REG:** N614DM  
**AIRCRAFT S/N:** 3257434  
**AIRCRAFT TT:** 2,032.5

1. Installed new battery P/N 7243-14, S/N G03217401.

Signature  Thomas A Schmidt AP34856871A  
Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309  
(954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com

Total To Carry Forward				

HOBBS 2066.0

N 614 DM

SARATOGA

LOGBOOK ENTRY:

THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED TESTED AND INSPECTED I/A/W FAR43 APPENDIX E, PAR A & C, APPENDIX F (FAR91.413) AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE AT THIS REPAIR STATION UNDER W.O. 120624 DATE DEC 06, 2024

SIGNATURE

Mark B. Alessandro

INSP. M B A

TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A

FT. LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M

FT. LAUDERDALE EXECUTIVE AIRPORT \* ARCHER RAMP\*  
TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM

STRATUS ESG, S/N 81468

AIC MEETS FAR 91.411, 91.413 ADS-B COMPLIANT

CERTIFICATION EXPIRES ON December, 2026


Aircraft Time

...

aintenance



**DATE:** Dec 10, 2024  
**MAKE / MODEL:** Piper PA32R-301T  
**HM:** 2,066.0

**AIRCRAFT REG:** N614DM  
**AIRCRAFT S/N:** 3257434  
**AIRCRAFT TT:** 2,066.0

1. Cleaned, inspected and repacked all wheel bearings.
2. Cleaned, inspected, resealed and leak checked the fuel strainer.
3. Lubricated the aircraft and greased the landing gear.
4. Installed a new battery P/N 7243-14, S/N G03244726.
5. Checked the ELT in accordance with FAR 91.207(d) no defects found, battery next due for replacement Sept 2025.
6. Replaced the nose gear down assist spring with new P/N 487-483.
7. Resealed the left wheel brake cylinder and bleed the left brake.
8. Replaced the right aft nav light bulb with new P/N WL1999.
9. Repaired and broken wire for the left main gear down lock switch.
10. Adjusted the stabilator control cable tensions as per the Piper M.M.
11. Checked Ad notes thru biweekly issue # 2024-24.
12. I certify that this aircraft has been inspected in accordance with an annual inspection using Appendix D to FAR Part 43 as a guide and was determined to be in airworthy condition.

Signature

Thomas A Schmidt AP3485687IA

Schmidt Aviation Inc. 1020 NW 62<sup>nd</sup> Street, Hangar 6, Ft Lauderdale, FL 33309  
(954) 772-0772, FAX (954) 938-5173, Email: Tom@Schmidtav.com

Total To  
Carry Forward

