

# AIRCRAFT DESCRIPTION

Registration No. N133DR

Model: PA-32-301XTC Popular Name: PIPER 6XT

Serial No.: 3255027 Type Certificate No.: A350  
P6294HD P1289HD P1227HD P1247HD

Colors: MATTERHORN WHITE/NAVY BLUE MET & LIGHT BURGUNDY MET/ANTIQUE SILVER MET

Engine Manufacturer: LYCOMING Serial Numbers: Single L-11828-61A

Original Engine Model: TIO-540-AH1A Left \_\_\_\_\_

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HK1050B

Original Propeller Model: HC-I34R-IRF Left \_\_\_\_\_

Right \_\_\_\_\_

Blade Numbers

Left

Right

K09466

K09467

K09468

**2005 MODEL**

## NOTICE

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

PAINT TYPE: Dupont Imron Polyurethane

## COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

[illegible]

## COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

[illegible]

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
FEB 21 2005	Brought Forward →	4.5		I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.
			Dated FEB 21 2005 <i>Robert L. Pancoast</i>	
			<i>Robert L. Pancoast</i> ODARF-511281-CE	
				THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETERS HAVE BEEN TESTED TO 20,000 FT. ON 6/17/04 (R) 10/25/04
			SIGNED <i>Robert L. Pancoast</i> DATE FEB 21 2005	
			<i>Robert L. Pancoast</i>	
				The ELT is installed per FAR 91.207. Battery replacement date AUG 2006
			<i>Robert L. Pancoast</i>	
Total To Carry Forward		4.5	ODARF-511281-CE <i>Robert L. Pancoast</i>	The New Piper Aircraft, Inc.

Registration No. N133DR

and Remarks	Signature	Certificate No.
<p>The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F.</p> <p>ATC Transponder:</p> <p>1. Make <u>GARMIN</u> Model <u>GTX-330</u> S/N <u>84112952</u></p> <p>2. Make <u>NA</u> Model <u>NA</u> S/N <u>NA</u></p> <p>Details of this inspection are on file at this facility under S/N <u>3255027</u> Date <u>1/25/05</u></p> <p>Q.A. Inspector <i>Robert L. Pancoast</i> <u>Robert L. Pancoast</u> THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA</p>		
<p>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS DATE <u>1/25/05</u> SIGNED <i>Robert L. Pancoast</i> <u>Robert L. Pancoast</u></p>		

[illegible]

Pg 1 / 1

*Tim LaFeve* 5-18-2005  
G3SR2221 Tim LaFeve Date

Total To Carry Forward				

Certificate No.

Dan Ellis *Dan Ellis* AP,IA 527474561.





**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N133DR Date: February 28, 2006**  
**Model # Piper PA32-301XTC S/N 3255027**

**AIRFRAME LOG ENTRY**

Removed and disassembled LH & RH main wheel and tire assemblies. Assembled wheel assemblies with new tires and tubes p/n 092-315-0. Cleaned, inspected and repacked wheel bearings with SHC100 grease. Serviced tires and installed on aircraft. Removed tires p/n 070-317-0 LH s/n 4086W00256, RH s/n 4088W00330. Installed new tires p/n 606C86-6 LH s/n 51870260, RH s/n 51870213.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 024724**

CORPORATE JETS, INC.

FAA CRS# LN3R663L

AIRCRAFT LOG



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

**N133DR Date: May 10, 2006**  
**Model # Piper PA32-301XTC S/N 3255027**  
**HOBBS 183.4**

**AIRFRAME LOG ENTRY**

C/W Piper **SSL424** dated 12/01/05, by installing Kit # 767-421.

Removed and reinstalled autopilot computer p/n 01192-12-68TF s/n 0427-7137 after repair, see S-TEC Co.'s 8130-3 dated 4/25/06, WO# R000046813.

Removed and reinstalled PFD p/n 700-00006-002 s/n 20327384 after rebuild, see Avidyne Co's 8130-3 dated 4/25/06, WO# RA20885. Performed following functional check per Avidyne installation manual p/n 600-00141-000 R1: Autopilot calibration, Magnetometer test, Pitot/static leak check.

Removed and reinstalled MFD p/n 700-00004-006 s/n 21837444 after modify, see CJI's 8130-3 dated 05/08/06, WO# 914117, de-fueled aircraft and calibrated MFD per on-screen instruction. No defects noted.

C/W Avidyne **SB 601-00004-060 R00** dated 12/1/05, by upgrading CMAX.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. 914117**

CORPORATE JETS, INC.

FAA CRS# LN3R663L

and Remarks

Signature

Certificate No.

Registration No.



**Corporate Jets, Inc.**

14600 North Airport Drive • Scottsdale, Arizona 85260 • (480) 948-2400

N133DR Date: 5-3-2006

Model #: Piper PA32-301XTC S/N: 3255027

Hobbs: 183.4

### AIRFRAME LOG ENTRY

I certify that the ATC Transponder Integrated system has been tested as required by FAR 91.411, and was found to comply with FAR 43, Appendix E, paragraph (c).  
Date: 5-3-2006 Work Order#: 914117

Signed: Bob Wiley  
Corporate Jets, Inc.  
14600 N. Airport Drive, Scottsdale, Arizona 85260  
FAA CRS # LN3R663L

### AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

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

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

Model PA-32-301XTC  
Serial # 3255027  
Registration N133DR

**Cutter Aviation Deer Valley, Inc.**  
530 West Deer Valley Road  
Phoenix Arizona 85027  
FAA Repair Station No. W45R0450  
Airframe

Work order W0486-545  
Hour Meter 217.4  
Tachometer

Complied with Piper Service Bulletin # 1169.

- Found cracks on mounting flange of existing duct assembly P/N: 36615-009 at F.S. 225. Removed drain tube from bottom of existing duct assembly. Removed (8 EA) screws, nuts, and washers from existing louver to existing duct assembly on left hand tail cone side skin. Removed original duct assembly from aircraft. Ordered and received new duct assembly P/N: 36615-009 and Kit # 767-547 Kit-Strap Installed Duct Support DWG # 88403 from The New Piper Aircraft Inc. Drilled 0.312 hole in forward part of new duct. Installed Grommet P/N: 434-123, Screw P/N: 415-311, Washer P/N: 690-616, and Strap Assembly P/N: 104923-002. Drilled and deburred 0.166 hole thru stringer at top C/L of aircraft (B.B. 0.00). Installed mounting flange of new duct assembly to aircraft left hand tail cone side skin using hardware (8 EA screws, nuts, and washers) and existing holes from old, cracked duct assembly. Attached strap assembly to top of C/L of aircraft using screw P/N: 415-309, nut P/N: 506-627, washers (2EA) P/N: 690-616, and nylon washers (2EA) P/N: 494-233. Reattached existing drain tube to bottom of new duct assembly.

#### MAINTENANCE RELEASE

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

Signature: Brian T. Cottle

Date: 7/24/06

# AIRCRAFT LOG

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

Model PA-32-301XTC Cutter Aviation Deer Valley, Inc. Work order W0483-526  
 Serial # 3255027 530 West Deer Valley Road Hour Meter 217.4  
 Registration N133DR Phoenix Arizona 85027 Tachometer

FAA Repair Station No. W45R0450  
 Airframe

- Originally recovered 0.18 lbs of freon from a/c system. Removed and replaced A/C Dryer Assembly P/N: 602-275 due to possible leak in system. Recovered 2.2 lbs of R-134A Freon. BLT 07/24/06 Performed vacuum on A/C system @ 29.9 IN of Hg for 30 minutes. Recharged A/C system with 2.2 lbs of R-134A.
- Removed 6 connections from existing K-1 Door Open Relay P/N: 686-820 and installed on new K-1 Door Open Relay P/N: 686-820. Installed new K-1 Door Open Relay in place of existing K0-1 Door Open Relay. Verified Condenser Door opens under battery power. Performed A/C system operational check, idle and full power engine run and verified A/C System blows cold air.

## MAINTENANCE RELEASE

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

Signature: Brian T. Cottle

Date: 7/25/06

Total To  
Carry Forward

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

and Remarks

Signature

Certificate No.

Reg. No. - N133DR

AIRFRAME

Date 9/8/2006

Replaced memory battery in both GNS430's IAW Garmin 400 Series Maintenance Manual #190-00140-05 Rev. D dated October, 2005. Ground ops check good.

TTAF  
Hobbs 228.9

Pertinent details of this repair are on file under work order 06-4503.



Atlantic Aviation

Authorized Signature

FAA Approved Repair Station No. 7TFR567Y

Reg N133DR WO# 06-4503

Date 09-07-06

I certify that the altimeter and static systems test required by FAR 91.411 have been performed. The altimeter was tested to 20K feet  
 On 09-07-06

A/C Time 0228.9

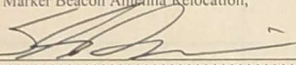


Atlantic Aviation

Authorized Signature

FAA Approved Repair Station No. 7TFR567Y

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Model	PA32-301XTC		Cutter Aviation Phoenix, Inc.	Work Order No. 02A-1941
Serial No.	3255027		2802 Old Tower Road	Hour Meter 287.5
Registration	N133DR		Phoenix Arizona 85034	Total Time 287.5
			FAA Repair Station No. EKGR571D	
<p>Complied with Piper SB 1171 - Stormscope Erroneous Strike Indication by installation of Piper Kit # 767-548 - Stormscope and Marker Beacon Antenna Relocation;</p> <p>Signed:  Date: 1/10/07</p> <p>*****END*****</p>				
Total To Carry Forward				

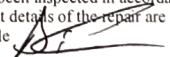

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
<div>art.com</div> <div>&amp; BROKERAGE</div>		
CONTINUE TO NEXT PAGE		

## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
<div> <div>09/11/06</div> <div>SMITH AIRCRAFT SERVICE</div> <div>602-885-6020</div> </div> <div> <div>N 133 DR S/N 3255027</div> <div>Tach: N/A</div> <div>Hobbs: 229.4</div> <div>AIRFRAME</div> <div>Removed ELT for battery time change, installed new Artex 110-4 battery pack, this now expires 10/08.</div> <div>ELT tested per FAR part 91.207(D) ops check good. &lt;&lt;&lt;&lt;&lt;END&gt;&gt;&gt;&gt;&gt;</div> <div>William R Smith AP526872836</div> </div>				
<div> <div>ARTEX AIRCRAFT SUPPLIES, INC.</div> <div>P.O. BOX 1270 CANBY, OR 97013</div> <div>(503) 678-7929 800-547-8901</div> <div>BATTERY PACK:ELT 110-4</div> <div>EXPIRATION DATE OCT/2008 WO#74584</div> <div>PART NO: 452-0130 REV G</div> <div>ENV CATC1A/D0163/XXXXXXXXXXXX TSO C91a</div> </div>				
Total To Carry Forward				

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

and Remarks		Signature	Certificate No.
Model	PA-32-301XTC	Cutter Aviation Deer Valley, Inc.	Work order 09M-772
Serial #	3255027	530 West Deer Valley Road	Hour Meter 310.2
Registration	N133DR	Phoenix Arizona 85027	Tachometer N/A
FAA Repair Station No. W45R0450			
Airframe			
Inspected Aircraft In Accordance With New Piper Aircraft Inc. PA-32-301XTC Maintenance Manual Section 5-20-00			
<ul style="list-style-type: none"> <li>Removed aft right hand window shade P/N 100836-718. Installed new window shade P/N 100836-006.</li> <li>Removed left hand aft passenger door shade P/N 100836-717. Installed new shade P/N 100836-005.</li> <li>Removed left hand cracked brake caliper P/N 30-83A and installed new caliper P/N 30-83A, bled brake system after installation.</li> <li>Resealed both left and right upper strut using new seals P/N MS28775-231. Serviced with MIL-H-5606A.</li> <li>Resealed both left and right lower strut using new parts P/N 63307-000, P/N 484-769, P/N 486-188.</li> <li>Resealed nose strut with: O-ring p/n 484-800, Quad Ring Packing p/nm 484-770, O-ring p/n 484-796, Wiper Strip p/n 187-625, Back-up Washer p/n 494-025. Serviced strut with Mil-H-5606A Hydraulic Fluid.</li> <li>Serviced all struts with nitrogen and set all heights per P.O.H. and maintenance manual.</li> <li>Repaired and painted both left and right upper aft main landing gear strut fairings.</li> <li>Repaired and painted nose and right wheel pants</li> </ul>			
I Certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in Airworthy condition. Pertinent details of the repair are on file at this agency under the above listed work order.			
Signature: Brian T. Cottle		Signature: 	Date: 02/16/07
All AD + SB's verified and current thru + Revision			
2007-02  02/16/07			



## D

ce

Date: \_\_\_\_\_ Name: Sarkany LIC # A & P 3702193

Total To  
Carry Forward

and Remarks

Certificate No.

3/7/08 496.4 TT INSPECTED AIRCRAFT I/A/W

PIPER SERVICE MANUAL 100 HR<sup>THUR</sup> • 500 HR INSPECTIONS, LUBED AIRFRAME.

TESTED ELT 1/A/W 14CFR 91.207(d), ELT TESTED

SATISFACTORY AT THIS TIME. I CERTIFY THAT THIS AIRCRAFT

HAS BEEN INSPECTED ~~AND~~ IN ACCORDANCE

WITH AN 100 HR INSPECTION AND DETERMINED TO BE

IN AIR WORTHY CONDITION

Bart Kamey A+P 3202193



# EMERGENCY BATTERY REPLACEMENT

Affix this label in aircraft logbook  
Recommended battery replacement 3 years from date of installation. Order Part No. 9015607 from Mid-Continent Instruments at (800) 821-1212.  
Date of Installation: 4/18/08

Total  
Cost

## AIRFRAME LOGBOOK ENTRY N133DR

PA-32-301XTC 3255027

Date: March 7, 2008. Hobbs 496.4. TT 496.4. Checked AD for compliance. Recurring ADs complied with at 100 hour inspection. I certify that this airframe has been inspected in accordance with an Annual inspection and determined to be in an airworthy condition.

*Brent Bowie*

Brent Bowie  
A&P 423230168 IA



Trinity Avionics, Inc.

Trinity Avionics, Inc.  
950 Mitchell Field Rd.  
Bessemer, AL 35022  
Ph. 205-424-7979  
CRS# 1Y0R081X

Registration: N133DR  
Serial Number: 3255027

Model Number: PA-32-310XTC  
Hobbs Time: 507.3

Accessed, removed and replaced the Standby Attitude Indicators Emergency Battery part no. 9015607 with a new battery. Operational check of new battery was satisfactory at this time. Battery next due 4/2011.  
End

The aircraft component identified above was repaired and inspected in accordance with current FAA Regulations and is airworthy with respect to the work performed.

Details are on file under Trinity Avionics, Inc. work order number 1997 Squawk 5.

Signature *Brent Bowie* Date: April 18, 2008

Brent Bowie

TA Form 003

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

and Remarks

Signature

Certificate No.



Registration: N133DR  
Serial Number: 3255027

Trinity Avionics, Inc.  
950 Mitchell Field Rd.  
Bessemer, AL 35022  
Ph. 205-424-7979  
CRS# 1Y0R081X

Model Number: PA32-301XTC  
Hobbs Time: 507.3

Completed an Electrical Load Analysis on aircraft and completed form. Removed both Garmin GNS-430s p/n 011-00280-10 s/n 97124678 & 97124863 units only and shipped to Garmin for WAAS Upgrade. Installed both Garmin GNS-430W p/n 011-01060-40 s/n 97124678 & 97124863. Checked existing GNS-430 installation for conformity to STC. Accessed and removed the RG58 GPS antenna Coax and replaced it with RG 400 Coax. Removed both Garmin GA-56 GPS Antenna p/n 011-00134-00 s/n 59096737 & 59096736. Installed New Garmin GA-35 WAAS GPS Antennas p/n 013-00235-00 s/n 35157 & 355214 using existing installation provisions. Sealed antenna. Completed and distributed STC paperwork. Completed FAA Form 337. Aircraft weight and balance change was negligible. Completed post installation checkout log. GNS-430W tested satisfactory at this time.

End

The aircraft component identified above was repaired and inspected in accordance with current FAA Regulations and is airworthy with respect to the work performed.

Details are on file under Trinity Avionics, Inc. work order number 1997.

Signature *William H. Ray* Date: April 21, 2008

William H. Ray

TA Form 003

# AIRCRAFT LOG

Date

Aircraft Time

Recorder

nce



Trinity Avionics, Inc.  
950 Mitchell Field Rd.  
Bessemer, AL 35022  
Ph. 205-424-7979  
CRS# 1Y0R081X

Registration: N133DR  
Serial Number: 3255027

Model Number: PA-32-310XTC  
Hobbs Time: 507.3

Installed Heads Up Technologies XMD076A XM Weather and Radio Receiver part no. XMD076A-01 serial no. 816001548 at Station 36.4 under floor in forward baggage compartment. Installed Heads Up XMRANT-01 XM Antenna serial no. 231345 at station 111.82. The XMD076A was interfaced to the Garmin GMA 340 Audio Panel Music 2 input and the Avidyne EX5000 MFD. Activated the XM Weather port on the EX5000. Updated the aircraft Equipment List and Weight and Balance. Completed an electrical load analysis. Completed FAA Form 337. All work performed in accordance with the Installation Manual XM Satellite Weather and Radio Wireless Receiver Model No. XMD076A, AC 43.13-1B and 43.13-2B, and STC no. SA00161BO. Operational check was satisfactory at this time. Included Heads Up Technologies document P/N XMD076-S35-ICS, Instructions for Continued Airworthiness, XMD076 XM WX Datalink Receiver Installations on STC SA00161BO AML Aircraft dated 07/15/2004 in the aircraft maintenance records.

End

The aircraft component identified above was repaired and inspected in accordance with current FAA Regulations and is airworthy with respect to the work performed.

Details are on file under Trinity Avionics, Inc. work order number 1997 Squawk 3.

Signature *William H. Ray* Date: April 21, 2008

William H. Ray

TA Form 903

Total To  
Carry For

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

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



Trinity Avionics, Inc.  
950 Mitchell Field Rd.  
Bessemer, AL 35022  
Ph. 205-424-7979  
CRS# 1Y0R081X

Registration: N133DR  
Serial Number: 3255027

Model Number: PA-32-310XTC  
Hobbs Time: 507.3

Accessed and removed Avidyne EXP5000 PFD part no. 700-00006-002 serial no. 20327384 with Rev 6.0 software and shipped unit to Avidyne for software update. Received and installed Rebuilt EXP5000 PFD part no. 700-00006-002 serial no. 20327384 with rev 7 software. PFD installed, configured and calibrated in accordance with service bulletin document no. 601-00006-081 and the Entegra EXP5000 PFD Release 7 Installation quick reference Guide. Performed software upgrade to release 7 on Avidyne EX5000 MFD part no. 700-00004-006 serial no. 21837444 in accordance with Service Bulletin Document No. 601-00004-077. Functional check was satisfactory at this time.

End

The aircraft component identified above was repaired and inspected in accordance with current FAA Regulations and is airworthy with respect to the work performed.

Details are on file under Trinity Avionics, Inc. work order number 1997 Squawk 1.

Signature *William H. Ray* Date: April 21, 2008

William H. Ray

TA Form 903

# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>Trinity Avionics, Inc. 950 Mitchell Field Rd. Bessemer, AL 35022 Ph. 205-424-7979 CRS# 1Y0R081X</p> <p>Registration: N 133DR Serial Number: 301XTC</p> <p>Model Number: PA32 Hobbs Time: 506.8</p> <p>Certified stby altimeter part# 5934PD-3 serial # 440050. Performed an altitude reporting test and pitot static integrity check. Certified transponder GTX 330 part # 011-00455-00 serial # 84112952. Blind encoder AK-350 serial # 59035. These tests and inspections were performed to comply with CFR 91.411 &amp; 91.413.</p> <p>The PFD was certified by Avidyne.</p> <p style="text-align: center;">End</p> <p>The aircraft component identified above was repaired and inspected in accordance with current FAA Regulations and is airworthy with respect to the work performed.</p> <p>Details are on file under Trinity Avionics, Inc. work order number 1997.</p> <p>Signature <u>William H. Ray</u> Date: 04-16-08.</p>				
Total To Carry Forward				

SUN AVIATION, INC. Vero Beach, FL (VRB)

Date: 08/29/08

Aircraft Log

N133DR

Hobbs: 619.4

PA32-301XT

Aircraft SN: 3255027

ACTT: 619.4

Accomplish an Annual Inspection IAW FAR43, appendix "D" using the Piper PA32-301FT/XTC Inspection Work Sheet as a guide. C/W FAR 91.207 (D), functionally tested ELT system and installed new ELT Battery PN 452-0130, next due 11/2010. Verified FAR 91.411 and 91.413, ALT/TRSP Static due 04/2010. C/W Fire Extinguisher Weight check and no defects found. Serviced and charged main battery. Reinstalled stop to original position on the Pilot's and Co-Pilot's seat. Replaced nose baggage hold/open strap, P/N 65440-801. Installed new left main gear ring, P/N 755-930. Replaced brake pads, P/N 066-06200. Replaced nose fairing cover, P/N 36559-804. C/W 500 Hour stab trim assembly inspection and lube.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # 24989 & 15708. AD's researched THRU Rev. 2008.17

Signature

CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

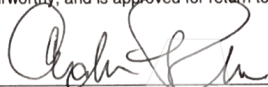
Channel Islands Aviation  
305 Durley Avenue  
Camarillo, CA 93010  
FAA Repair Station DDER146D

Reg: # **N133DR** Model: **Piper PA32-301XTC** Ser. # **3255027**  
Date: **10/15/08** Hobbs: **663.9**

Replaced starter switch with new P/N 688-297, IAW PA32-301 MM.

All pertinent data on file under WO 15029.

I certify that the above work was accomplished, inspected, found to be  
airworthy, and is approved for return to service.



Andrew Rouleau  
F.A.A. Repair Station #DDER146D  
Authorized Inspector

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: 133DR  
WORK ORDER:  
4731-02-2009



**HIGH PERFORMANCE AIRCRAFT, INC.**

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

DATE: 2/17/2009  
A/C TSN:  
HOBBS: 707.5

**Airframe Entries**

REPLACED TIRES AND TUBES WITH 3 EA P/N'S 070-317-0 AND 092-315-0. LEFT MAIN TIRE S/N 8074W00299, RIGHT MAIN  
TIRE S/N 8074W00285, AND NOSE TIRE WITH S/N 8074W00240.

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. 4731-02-2009  
Dated

DATE: 2/17/2009

SIGNED:



Paul Stuhler  
Certified Repair Station No. HPFR569X

Work Order: 4731-02-2009

Printed by EBis 3 (datcomedia.com)

Channel Islands Aviation  
305 Durley Avenue  
Camarillo, CA 93010  
FAA Repair Station DDER146D

Reg: # **N133DR** Model: **Piper PA32-301XTC** Ser. # **3255027**  
Date: **02/24/09** Tach: **725.0**

Replaced RH navigation forward lamp P/N W1290-28, lens P/N 68-  
4230020-40, aft lamp P/N 34-0428070-64 and aft lamp socket assembly  
P/N A507 with new.

Replaced RH strobe flash tube with new P/N 02-0250276-00 IAW Piper  
PA32-301XTC MM.

The applicable work performed IAW manufacture specifications.

All pertinent data on file under WO 15204.

I certify that the above work was accomplished, inspected, found  
to be airworthy, and is approved for return to service.



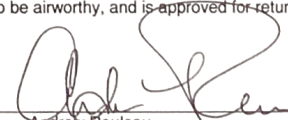
Andrew Rouleau  
F.A.A. Repair Station #DDER146D  
Authorized Inspector

Channel Islands Aviation  
305 Durley Avenue  
Camarillo, CA 93010  
FAA Repair Station DDER146D

Reg: # **N133DR** Model: **Piper PA32-301XTC** Ser. # **3255027**  
Date: **04/03/09** Hobbs: **784.7**

Removed horizontal stabilator from aircraft and sent out for repair.  
Reinstalled horizontal stabilator after repair by Aircraftsman, Inc. Work  
Order #0872.

The applicable work performed IAW manufacture specifications.  
All pertinent data on file under WO 15271.  
I certify that the above work was accomplished, inspected, found  
to be airworthy, and is approved for return to service.



Andrew Rouleau  
F.A.A. Repair Station #DDER146D  
Authorized Inspector

# Channel Islands Aviation

305 Durley Avenue

Camarillo, CA 93010

FAA Repair Station DDER146D

Date

Reg: # N133DR

Model: Piper PA32-301XTC

Ser. # 3255027

Date: 08/14/09

Hobbs: 861.5

ATT: 861.5

Maintenance

Performed **Annual Inspection** IAW FAR 43 Appendix D with Piper PA32-301XTC Maintenance Manual Ch. 5-20-00 as a guide.

C/W AD 84-26-02: replaced air filter with new P/N P151936.

Next replacement due by Hobbs: 1361.5 or on condition.

AD 2009-02-03 not applicable by installation date of the fuel control servo.

The ELT has been inspected and functionally tested IAW FAR 91.207(d)

and found to be in airworthy condition at this time. The ELT battery

replacement due 11/10. Next insp due at Hobbs: 961.5 or annually.

Replaced all RH & LH brake linings with new P/N 066-06200.

Replaced leaking fuel sump on left wing with new P/N 491-806.


Replaced heater clamp with new P/N K97-030.

Replaced RH main tire with new P/N 072-317-0, S/N7156W00359.

The applicable work performed IAW manufacture specifications.

All pertinent data on file under WO 15505.

I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.



Andrew Rouleau

F.A.A. Repair Station #DDER146D

Authorized Inspector

Total To

Carry Forward

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

## Channel Islands Aviation

305 Durley Avenue

Camarillo, CA 93010

FAA Repair Station DDER146D

Reg: # N133DR

Model: Piper PA32-301XTC

Ser. # 3255027

Date: 09/09/09

Hobbs: 868.3

ATT: 868.3

Remove the Artex Mod. ELT 110-4 p/n 453-0150 s/n 71595 and all components, and install a new Artex ME 406 p/n 453-6603 s/n 188-14720 ID Code ADCC40E600002F1 with all components IAW the FAA Approved 337 and tested IAW the Installation Manual.

The applicable work performed IAW manufacture specifications.

All pertinent data on file under WO 15521.

I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.



Andrew Rouleau

F.A.A. Repair Station #DDER146D

Authorized Inspector

Signature

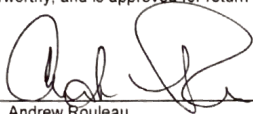
Certificate No.



ARTEX AIRCRAFT SUPPLIES, INC.  
14405 Kell Rd. NE Aurora, OR 97002  
(503) 678-7929 800-547-6901



## AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<b>Channel Islands Aviation</b> 305 Durley Avenue Camarillo, CA 93010 FAA Repair Station DDER146D				
Reg: # <b>N133DR</b> Model: <b>Piper PA32-301XTC</b> Ser. # <b>3255027</b> Date: <b>12/15/09</b> Hobbs: <b>912.4</b> ATT: <b>912.4</b>				
Removed aircraft battery p/n G-243 s/n 02321619. Installed aircraft battery p/n RG24-15M s/n 40311237.				
The applicable work performed IAW manufacture specifications. All pertinent data on file under WO 15691. I certify that the above work was accomplished, inspected, found to be airworthy, and is approved for return to service.				
 Andrew Rouleau F.A.A. Repair Station #DDER146D Authorized Inspector				
Total To Carry Forward				

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

[illegible]



ALTIMETER SCALE ERROR					
CUSTOMER: <u>MAC SALES</u>					
N# <u>133DR</u>		DATE: <u>5-7-10</u>			
ALTIMETER TYPE: <u>AVIADYNE EXP 5000 3/120321384</u>					
Test Point	Indicated	Test Point	Indicated	Test Point	Indicated
(FT)	(FT)	(FT)	(FT)	(FT)	(FT)
-1000	-1000	6000	5995	22000	
0	0	8000	7990	25000	
500	500	10000	9990	30000	
1000	1000	12000	11990	35000	
1500	1500	14000	13990	40000	
2000	2000	16000	15990	45000	
3000	3000	18000	17980	50000	
4000	4000	20000	19980		

**AJVR135C** \*\*\*\*\*  
 n tested as required by FAR  
 ndices E & F

**REL**

3, AIRWOL

6. Item:	7. Description:	8. Part Number:	9. Eligib
1	Multi-Function Display	700-00004-006	N/A *****

13. Remarks:

- Modified in accordance with Repair Manual 600-00130-004rev0 full details held within Returned Material Authorization 9010339
- Certifies that the work specified in block 12/13 was carried out in the Agency. component is considered ready for release to service under EASO
- Performed MODs 17, 19 and 22.

33DR

s repaired and  
 tions of the  
 rworthy, and  
 formed.

Inspector for  
 R135C

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

\*\*\*\*\* **MUNCIE AVIATION CO. CRS#AJVR135C** \*\*\*\*\*

**N133DR**      **DATE** 6/1/2010      **HOBBS** 959.9  
 Performed Fuel Quantity Calibration on MFD per MM

Make **Piper**      Ser.No. **3255027**  
 Model **PA32-301XTC**      Reg.Mark **N133DR**

The aircraft/component identified above was repaired inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed Pertinent details of the repair are on file at the agency

Work Order Number **10747**      Date **6/1/2010**  
 Signed *[Signature]*      Inspector for  
**MUNCIE AVIATION CO. CRS#AJVR135C**  
**MUNCIE, IN 47308 765-289-7141**

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

**MAC**

# AIRCRAFT LOG

1. Approving National Aviation Authority / Country FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number 2574292	
4. Organization Name and Address Cessna Aircraft Company (PC4) Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218				5. Work Order/Contract/Invoice Number 972833	
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number
15	TIRE 6.00X	070-317-0	N/A	2	
12. Status/Work New					
13. Remarks AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. 8246W00425 8246W00410 PO# P4555					
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			15. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to DNI work, the items are approved for return to service.		
16. Authorized Signature <i>Theresa A. May EC</i>		17. Approval/Authorization No. ODA-100129-CE		18. Authorized Signature	
19. Name (Typed or Printed) THERESA A. MAY EC		20. Date (m/d/y) NOV/19/2009		21. Approval/Certificate No.	
22. Name (Typed or Printed) THERESA A. MAY EC					
23. Date (m/d/y)					

R135C \*\*\*\*\*

AUTHORIZED RELEASE  
AA Form 8130-3, AIRWORTHINESS APPROVAL TAG

Michelin Siam Co  
57 Moo 6 Nongplak  
Nongplamore, Nong

Number: 9. Eligibility: 33DR  
-317-0  
paired  
of service  
NA Agency  
10/1/2010  
operator for

ats of the United States of

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

\*\*\*\*\*MUNCIE AVIATION COMPANY C.R.S. # AJVR135C\*\*\*\*\*

Updated both GNS430W databases.  
Ops checked good.

Make: Piper Ser. No.: 3255027  
Model: PA32-301XTC Reg. Mark: N133DR

The aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed.

Pertinent details of the repair are on file at the Agency.

Work Order No. F7936 Date: 10-15-10

Signed: Kurt Rath Inspector for

MUNCIE AVIATION COMPANY C.R.S.#AJVR135C

MUNCIE, IN 47303-9778 (765) 288-7141

Aircraft Hobbs: 983.9

PLEASE PLACE IN AIRCRAFT LOGBOOK

MAC

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

14. Certifies the items identified above were manufactured in conformity to:

## Page 1 of 1

Piper PA-32-301XTC		Serial No.: 3255027	Year of Construction: 2005	Date: 01.06.2012
Registration: N133DR				
Operation Time: 1107:30	Landings: 0			

No.	Complaint	Action	Mechanic	Inspector/CS Di
ATA-No.				
1	Perform 100 hr. Annual Inspection	I certify that this aircraft has been inspected i/a/w a 100h inspection as per Piper 6X AMM chp. 05-20-00 and an annual inspection as per FAR 43 App "D" and was determined to be in airworthy condition		
2	Found all brake linings worn to limit	Installed new brake linings P/N: 066-06200 on L/H & R/H Brakes.		
3	Found L/H Main Wheel Tire worn to limit	Installed new Tire P/N: 070-317-0, S/N: 1326S00482 Serviced Tire with nitrogen and performed leak check, no leaks detected.		
4	Found L/H Strut leaky	Replaced O-Rings and Seals as required. Serviced Strut with Fluid 41 and nitrogen as required.		
5	Found L/H Brake soft	Bleeded L/H Brake as required, found o.k.		
6	Perform FOD and Tool Box check after completion of all works	performed, found o.k.		

200026

Date: 01 JUN 2012

Sign of Inspector / CS:

Stamp:



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

and Remarks	Signature	Certificate No.
ELT CHECKED IAW 7127.21 4 JUN 2012	Paul Davis	2060438 12/12
N113DR TT AIRFRAME _____ 12/6/12 INSTALLED AIRCRAFTS COMPLETE LEFT HAND ASSEMBLY WITH SERVICEABLE STUB, ASSEMBLY, AND TORQUE LINK ASSEMBLY. REPLACED ALL SEALS, ORINGS, SCRAPER AND O-RINGS IN GEAR ASSEMBLY. SERVICED WITH HYDRAULIC FLUID AND NITROGEN. INSTALLED STABILIZER AND WHEEL FAIRINGS.	Robin A Erickson	
	A7P469620253	

# AIRCRAFT LOG



MAINTENANCE 1710 Butler Field Dr Hutchinson MN 55350

N133DR  
8/23/2013

Piper PA-32-301XTC  
Hobbs: 1155.6

S/N: 3255027  
ACTT: 1155.6

Annual Inspection on this date. Inspected and lubed Airframe IAW 14 CFR 43 (d). ELT battery next due Nov/2015. ELT operational checked per FAR 91.207 found to be satisfactory. Removed, cleaned and inspected main fuel screen. Removed cleaned, and inspected all wheel bearings. No faults found. Run-up, operational and leak checks found satisfactory. I certify this Airframe has been inspected IAW an Annual Inspection and Determined to be in an airworthy condition at this time.

*Ken Fischbach*  
Ken Fischbach A&P/IA 3557121

Total To  
Carry Forward

**Mustang Aviation**  
Avionics - Maintenance - Parts

4316 Hangar Dr. Lexington, KY 40510 859-255-1902  
Airframe Log Book

Date: 20 September 2013  
Reg No: N133DR  
Hobbs: 1164.9

Aircraft: Piper PA32-301XTC  
Serial No: 3255027  
Shop Order: A-13-1852

1. Removed inoperative stand-by attitude indicator stand-by battery, MidContinent Instrumtents sealed rechargeable battery P/N.: 9015607 Lot No. M14344-1 MFG date 04/08
2. Installed new stand-by attitude indicator stand-by battery, MidContinent Instrumtents sealed rechargeable battery P/N.: 9015607 S/N.: H13-10654 MFG. date 08/13
3. Weight and Balance unchanged
4. ops check OK

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

Date: 9/20/13 Signed *Rudy Segura*  
Rudy Segura A&P 3110987 IA



## EMERGENCY BATTERY REPLACEMENT

Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.

Date of Manufacture: 08/13

ADC / PFD

## ALTIMETER SCALE CORRECTON CARD

il No: 3255027

DER,  
411  
ONS.R TEST  
DATE AND

2952

REFERENCE ALTITUED IN FT.	ALTIMETER READS	REFERENCE ALTITUED IN FT.	ALTIMETER READS
-1000	-1000	14000	13990
0	0	16000	15990
500	500	18000	17990
1000	1000	20000	19990
1500	1500	22000	---
2000	2000	25000	---
3000	3000	30000	---
4000	4000	35000	---
6000	6000	40000	---
8000	8000	45000	---
10000	10000	50000	---
12000	12000		

Tested By: *Jeff E. B...* N# N133DR

Date 23 September 2013

**Mustang Aviation**  
Avionics - Maintenance - Parts  
FAA CRS# UTYR015L  
Lexington, KY 40510

Total To  
Carry Forward859-255-1902  
FAA CRS # UTYR015L

**Mustang Aviation**  
Avionics - Maintenance - Parts

Date: October 1, 2013  
Reg No: N133DR  
Hobbs: 1164.91. Removed engine oil separator  
performed by Divco PCThe aircraft, airframe, engine,  
regulations of the Federal AviationDate: *10/1/13*

**Mustang Aviation**  
Avionics - Maintenance - Parts

Date: 11/5/2013  
Reg No: N133DR  
Hobbs: 1165.1

1. Replaced R/H and L/H fuel tank sump drain valves. P/N F391-18. No leaks noted.
2. Removed P/N 700-00004-006 MFD for repair. Ref Avidyne work order 9022943. Reinstalled and calibrated IAW Piper Process Specification PPS60208. Ops normal.

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

Date: *11/5/2013*

Signed

Kenneth M. Harker A&amp;P 36134831A

ATE

3. Form Tracking Number:

9022943

5. Work Order/Contract/Invoice  
Number:

9022943

Serial/Batch Number:

12.

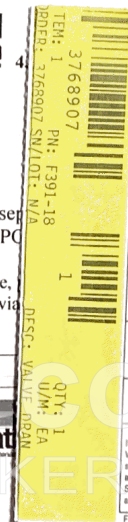
Status/Work:

21837444

Repaired

n Sheet 605-00130-000 with full details

15 and in respect to that order the





MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001211

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 11/14/2013  
A/C TSN:  
HOBS: 1185

#### Airframe Entries

Performed A magneto meter calibration... Performed A in flight autopilot calibration... Reprogrammed Garmin 430 to auto cross fill

DATE: 11/14/2013

SIGNED: 

Chris Palage, A&P: 3177058AP

Work Order: 00001211

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MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001232

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 12/26/2013  
A/C TSN:  
HOBS: 1185

#### Airframe Entries

Removed MFD Ser#21837444, Installed A repaired MFD ser#1951 8130 dated 10-29-2013 tracking #9022365, reprogrammed to aircraft spec. Installed Cmax data and Nav data

DATE: 12/26/2013

SIGNED: 

Chris Palage, A&P: 3177058AP

Work Order: 00001232

Printed by EBis 3 (datcomedia.com)

1 of 1  
  
AIRCRAFT SALES & BROKERAGE

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001287

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 3/31/2014  
A/C TSN:  
HOBS: 1230.7

#### Airframe Entries

IAW A 100 HOUR INSPECTION ACCESS PANELS, INSPECTION COVERS, FAIRINGS AND COWLINGS REMOVED. AIRFRAME INSPECTED AND LUBES PER MFG. SERVICE AND MAINTENANCE MANUALS. ENGINE AND FLIGHT CONTROLS CHECKED AND LUBED, SERVICED TIRES, BATTERY AND BRAKE FLUID, LIGHTS CHECKED, AOA OIL SAMPLE TAKEN, CHANGED OIL, FILTER REPLACED, COMPRESSION CHECKED, SPARK PLUGS CLEANED AND GAPPED, AS REQUIRED TIMING CHECKED, WASHED DOWN ENGINE AND PERFORMED RUN-UP... Changed out L/H main tire and tube with new... DAU change out ser#381 P/N A1380 See 8130 dated 03-02-2013

DATE: 3/31/2014

SIGNED: 

Chris Palage, A&P: 3177058AP

Work Order: 00001287

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1 of 1

MAKE: PIPER  
MODEL: PA32-301XTC  
REG. N133DR



DATE: 06-06-2014  
TACH: 1369.1

Replaced left main tire with new 6.00-6 p/n 30620. Installed landing gear fairings.

The aircraft and /or component(s) was repaired and inspected in accordance with the current rules of the Federal Aviation Regulations and was found Airworthy for return to service only for the work performed

Michael Eggen AP3328899 IA

SIGNED: 



DATE: 6/17/2014  
A/C TEN:  
HOURS: 1377.1

**Airframe Entries**  
Troubleshoot AC system, found hose assembly to be leaking... Replaced AC hose assembly with new, Serviced AC with R134A to spec, Performed run up leak checks, no leaks noted at this time.

Work Order: 00001330  
Printed by EBis 3 (dailcomedia.com)

der  
ling

## Maintenance

DATE: 8/21/2015  
A/C TSN: 1578.2  
HOBBS: 1578.2

Work Order: 00001582

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DATE: 8/21/2015  
A/C TSN: 1578.2  
PROP TT: 205.9  
HOBBS: 1578.2

Removed spinner, prop. inspected, no defects noted, prop lubed with AeroShell #6, Spinner installed.

I certify this Propeller has been inspected i/a/w an ANNUAL inspection per Manufacturer's inspection check list and was found to be in an AIRWORTHY CONDITION for flight... Maintenance Release: The aircraft and/or component(s) were repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations.

**SIGNED:**

Lupe Gonzalez, IA: 2883367

Work Order: 00001582

Printed by EBis 3 (datcomedia.com)

Aircraft's panels, all fairings, seats and floor panels removed, aircraft inspected, lubed, i/a/w piper MM ch 5-20-00 check list. All wheel bearings removed, cleaned, inspected and repacked. All previously removed items installed.... Removed Pitot heat mast, repositioned element harness, ops check good, panel installed.... Installed anti-slip material on step.... EIt inspected i/a/w 91.207d. good.... Cleaned gummed L & R brake calipers floating pin holes, installed and torqued to 75in. lbs.

I certify this Aircraft has been inspected /a/w an ANNUAL INSPECTION per Manufacture's inspection check list and was found to be in an AIRWORTHY CONDITION for flight.... Maintenance Release: The aircraft and/or component(s) were repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations.

**SIGNED:**

Lupe Gonzalez, IA: 288336

Work Order: 00001582

Printed by EBis 3 (datcomedia.com)

Certificate No.

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001619

# TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 10/14/2015  
A/C TSN: 1632.6  
HOBBS: 1632.6

Date

## Airframe Entries

Removed nose fairing, repair crack i/a/w piper PA-32-301 XTC MM. ch. 51-70-00 pg. 2, B 1-17. fairing installed.... Repaired aft left top engine baffle by installing a doubler and painted.

I certify this Aircraft has been inspected i/a/w an ANNUAL INSPECTION per Manufacture's inspection check list and was found to be in an AIRWORTHY CONDITION for flight.... Maintenance Release: The aircraft and/or component(s) were repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations.

DATE: 10/14/2015

SIGNED:

Work Order: 00001619

Lupe Gonzalez, A&P: 2883967

Printed by EBis 3 (datcomedia.com)

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and

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001630

# TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 10/20/2015  
A/C TSN: 1633  
HOBBS: 1633

Certificate No.

## Airframe Entries

Transponder has been tested & inspected and found to comply with appendix F of part 43 as required by FAR 91.413. Altimeter/Static and Altitude reporting equipment systems have been tested and inspected per appendices E and F of part 43 as required by FAR 91.411. Calibrated to 20000 feet

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 10/20/2015

SIGNED:

Tom Lopes  
Certified Repair Station No. 7TLR012B

Work Order: 00001630

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1 of 1

Total To  
Carry Forward



MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001673

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 3/3/2016  
A/C TSN: 1657.4  
HOBBS: 1657.4

#### Airframe Entries

Remove and replace Exterior fuel gauge assembly with new PN 38517-803 & Exterior fuel gauge gasket with new PN 38230-004

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 3/3/2016

SIGNED: 

Work Order: 00001673

Printed by EBis 3 (datamedia.com)

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001676

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 3/7/2016  
A/C TSN: 1704.3  
HOBBS: 1704.3

#### Airframe Entries

Remove and Replace LHS Main Tire With New PN 072-317-0

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 3/7/2016

SIGNED: 

Work Order: 00001676

Tom Lopes, ASP: 4165486

Printed by EBis 3 (datamedia.com)

AirMart.com  
1 of 1  
SALES & BROKERAGE

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001681

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 3/24/2016  
A/C TSN: 1718.6  
HOBBS: 1718.6

#### Airframe Entries

Remove and Replaced battery with new PN RG24-15M

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 3/24/2016

SIGNED: 

Work Order: 00001681

Tom Lopes, ASP: 4165486

Printed by EBis 3 (datamedia.com)

1 of 1

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001714

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 9/13/2016  
A/C TSN: 1770.9  
HOBBS: 1770.9

#### Airframe Entries

IAW A 100Hr inspection, access panels, inspection covers, fairings, and cowlings removed. Airframe inspected and lubed per MFG. Service and Maintenance Manuals. Engine and flight controls checked and lubed. Serviced tires, battery, and brake fluid. Lights checked. AOA oil sample taken, changed oil, filter replaced, compressions checked, spark plugs inspected. Magneto timing checked. Washed down engine and performed run-up leak check, OK.... Completed AD / SB research up to 13 SEP 2016... Removed and Replaced induction air filter with new part number P15-1936... Serviced brake fluid Per Piper MM... Removed and replaced LHS tire with new Condor 6.00-6-8... Removed LHS brake Assembly, Disassembled, cleaned, replaced piston packings, reassembled and installed brake assembly... Removed RHS brake assembly, Disassembled, cleaned, replaced piston packings, reassembled and installed brake assembly... removed and replaced RHS & LHS brake linings with new PN 068-06200... Tighten RHS aft tail cone screws... Removed and replaced door latch plate with new PN 100587-056PL, adjusted door latch per Piper MM... Replaced aft Door upper latch with new PN 100587-050PL... Replaced LH lower outer wing bolt cover with new PN 85290-003... Replaced LHS Lower inner wing bolt cover with new PN 63942-001... Replaced pilot side pedal pads with new PN 62867-002... Remove and Replaced Fuel cap Gaskets with new PN 462-056... Removed ELT, inspected ELT in accordance with far 91.207(d), Replaced ELT Batter, Reinstalled ELT

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 9/13/2016

SIGNED: 

Work Order: 00001714

Tom Lopes, ASP: 4165486

Printed by EBis 3 (datamedia.com)

1 of 1

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001741

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 10/14/2016  
A/C TSN: 1780  
HOBBS: 1780

### Airframe Entries

Removed and Replaced landing light PN 472-508 with new

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 10/14/2016

SIGNED: 

Tom Lopes, A&P 4165486

Work Order: 00001741

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1 of 1

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001788

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 2/14/2017  
A/C TSN: 1837.9  
HOBBS: 1837.9

### Airframe Entries

Annual Airframe inspection completed using inspection Piper inspection report PA-32-301, 766-857 and TDL inspection check lists. Access panels, inspection covers, fairings and cowlings removed. Controls, cables and pulleys Lubed per mfg. Service per maintenance manuals. Engine and flight controls checked and lubed, serviced tires, battery and brake fluid, lights checked, and engine run up performed.... Replaced upper aluminum gaskets LH & RH sides struts, serviced w 5606 hydraulic fluid and nitrogen per piper service and maintenance manual... Removed wing walk, cleaned and prepped wing surface, replaced wing walk with new PN 0511172... reapplied adhesive to pilot side rudder pedal pads... Remove Avidyne MFD from aircraft, sent out to Extant Aerospace. Reinstalled PN 700-00004-006 SN 1951. After repairs done on WO 16277. Unit functional checks complied per avidyne MM... Removed ELT, inspected ELT in accordance with far 91.207(d), reinstalled ELT

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

DATE: 2/14/2017

SIGNED: 

Tom Lopes, A&P 4165486

Work Order: 00001788

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1 of 1

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001827

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 7/26/2017  
A/C TSN: 1884.4  
HOBBS: 1884.4

### Airframe Entries

Remove Landing light Reinstall new LED Landing light PN PARP2L... Removed Fuel Sender, Cleaned contacts, Reinstalled sender, Functional checks OK

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 7/26/2017

SIGNED: 

Tom Lopes, A&P 4165486

Work Order: 00001827

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1 of 1

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00001898

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 10/26/2017  
A/C TSN: 1926.8  
HOBBS: 1926.8

### Airframe Entries

Jack aircraft, Remove nose wheel fairing, Remove Tire, Replace tire tube with new 6.00-6, Reinstall Tire, reinstall fairing, remove jacks.

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 10/26/2017

SIGNED: 

Tom Lopes, A&P 4165486

Work Order: 00001898

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1 of 1

MAKE PIPER  
MODEL PA-32-301XTC  
S/N 3255027  
REG NO N133DR  
WORK ORDER 00001913

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 11/20/2017  
A/C TSN: 1933.6  
HOBBS: 1933.6

### Airframe Entries

Serviced L/H landing gear with hydraulic fluid MIL-5606. Pressurized both main strut to 250psi PER Piper service manual

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE 11/20/2017

SIGNED

Work Order: 00001913

Tom Lopes, A&P 4165486

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1 of 1

MAKE PIPER  
MODEL PA-32-301XTC  
S/N 3255027  
REG NO N133DR  
WORK ORDER 00001935

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 12/29/2017  
A/C TSN: 1947.6  
HOBBS: 1947.6

### Airframe Entries

Removed piston strut assembly, replaced packings and seals, reinstalled strut assembly serviced per piper MM... Disassembled RHS & LHS main landing gear torque links, shimmed excess play and reassembled per piper MM... Removed and replaced LH main tire with new Condor 6.00-6

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE 12/29/2017

SIGNED

Work Order: 00001935

Tom Lopes, A&P 4165486

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1 of 1

MAKE PIPER  
MODEL PA-32-301XTC  
S/N 3255027  
REG NO N133DR  
WORK ORDER 00001985

## TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 4/2/2018  
A/C TSN: 1986.3  
HOBBS: 1986.3

### Airframe Entries

Annual Airframe inspection completed using inspection 43 subpart D and TDL inspection check lists. Access panels, inspection covers, fairings and cowlings removed. Controls, cables and pulleys Lubed per mfg. Service and maintenance manuals. Engine and flight controls checked and lubed, serviced tires, battery and brake fluid, lights checked, and engine run up performed.... Installed missing dust covers on prop grease fittings... Remove and replaced Fire extinguisher with new... Remove and Replace RHS Main Tire with new... Remove and Replace LHS Main Tire with New... Remove screws from LHS fuel gauge panel, Reseal, Retorque screws... Serviced All Struts Per Piper MM... C/W Piper 2000 HR structural inspection checklist... Remove and replace rod end and bearing on shimmy dampener PN 452-860... Aircraft checked for compliance with all mandatory AD's & SB's to current date.... Removed ELT, inspected ELT in accordance with far 91.207(d), reinstalled ELT, battery DUE SEP 2023

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

DATE 4/2/2018

SIGNED

Work Order: 00001985

Tom Lopes, A 4165486

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1 of 1

MAKE PIPER  
MODEL PA-32-301XTC  
S/N 3255027  
REG NO N133DR  
WORK ORDER 00001985

## TDL Aero Enterprises

Repair Station No. 7TLR012B  
44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 4/2/2018  
A/C TSN: 1986.3  
HOBBS: 1986.3

### Airframe Entries

Transponder has been tested & inspected and found to comply with appendix F of part 43 as required by FAR 91.413. Altimeter/Static and Altitude reporting equipment systems have been tested and inspected per appendices E and F of part 43 as required by FAR 91.411. Calibrated to 18,000 feet

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE 4/2/2018

SIGNED

Work Order: 00001985

Tom Lopes  
Certified Repair Station No. 7TLR012B

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1 of 1



MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00002008

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 5/21/2018  
A/C TSN: 2014.5  
HOBBS: 2014.5

#### Airframe Entries

Remove and Replace LHS Nav Light with new PN 11-03208

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 5/21/2018

SIGNED:

Work Order: 00002008

Tom Lopes, A&P: 4165486

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1 of 1

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00002087

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 1/25/2019  
A/C TSN: 2088.6  
HOBBS: 2088.6

#### Airframe Entries

Serviced Strut per MM... Installed missing hardware on LH main landing gear fairing... Serviced Oxygen Per MM

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 1/25/2019

SIGNED:

Work Order: 00002087

Tom Lopes, A&P: 4165486

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1 of 1

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00002151

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 9/19/2019  
A/C TSN: 2140.4  
HOBBS: 2140.4

#### Airframe Entries

ANNUAL INSPECTION GENERAL AIRFRAME: Annual inspection completed using inspection 43 subpart D and TDL inspection check lists. Access panels, inspection covers, fairings and cowlings removed. Controls, cables and pulleys Lubed per mfg. Service and maintenance manuals. Engine and flight controls checked and lubed, serviced tires, battery and brake fluid, lights checked, and engine run up performed.... Removed and replaced LHS tire and tube with new Condor 6.00-6 and new Michelin Airstop 6.00x6 tube... Reseal Top Aft #2 Antenna Per MM... Remove Side trim, reattach headset hook up, reinstall side trim... Repair LHS Upper Aft landing gear fairing fiber glass... Disassemble LH & RH brake calipers, Install new O-Rings, reassemble and reinstall LH & RH brake calipers.... Remove and replace LH & RH side brake discs with new.... Remove and replace LH & RH Side brake linings with new... Remove and replace Nose Wheel tire with new... Service LHS landing gear strut per MM... Repaired RHS landing gear fairing fiber glass... Install missing turn lock on LHS landing gear fairing.... Repair cabin air duct inlet... Removed ELT, inspected ELT in accordance with far 91.207(d), reinstalled ELT

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

DATE: 9/19/2019

SIGNED:

Work Order: 00002151

Tom Lopes, IA: 4165486

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1 of 1

MAKE: PIPER  
MODEL: PA-32-301XTC  
S/N: 3255027  
REG. NO: N133DR  
WORK ORDER: 00002209

### TDL Aero Enterprises

44 MACREADY DRIVE  
Merced, CA 95340  
Phone: 209-722-7300

DATE: 2/21/2020  
A/C TSN: 2140.4  
HOBBS:

#### Airframe Entries

Removed Garmin GTX 330 Transponder, Sent to Garmin For ES upgrade, Reinstalled Garmin GTX 330ES. Operational Checks OK

Maintenance Release: The aircraft and/or component(s) on N133DR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 2/21/2020

SIGNED:

Work Order: 00002209

Tom Lopes, A&P: 4165486

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1 of 1



Reg N#: N133DR Aircraft: Piper PA-32-301XTC S/N: 3255027  
Work Order: 205042

ALTIMETERS, ALTITUDE REPORTER, STATIC SYSTEM,  
AND TRANSPONDER CERTIFIED THROUGH TESTING  
AS REQUIRED BY FAR 91.411 AND FAR 91.413; RESULTS  
FOUND TO COMPLY WITH FAR 43 APPENDIX E AND F

ALTIMETERS TESTED TO 20,000 FEET  
ALTITUDE ENCODER TESTED TO 20,000 FEET  
Make: GARMIN Model: GTX 330 S/N: 34112952

SYSTEM TEST DATE: 17/MAR/2020

TESTED BY:  FAA REPAIR STATION # R81R199Y  
Alex Hernandez

 Thoroughbred Aviation Maintenance, Inc.

6203 Paris Pike  
Georgetown, KY 40329  
FAA CRS # R81R199Y

### Maintenance

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

### Airframe Log Book

Date: 05-18-2020


**AirMart**  
AIRCRAFT SALES & BROKERAGE

Reg No: N133DR	Aircraft Type: PA-32-301XTC	Aircraft S/N: 3255027
Tach: N/A	Hobbs: 2154.6	Aircraft Total Time: 2154.6
Engine Total Time: 2154.6	Engine SMOH: 0	Engine S/N: L-11828-36A

1. Removed engine M/N: TIO-540-AH1A, S/N: L-11828-36A, and sent to Triad Aviation for overhaul under W/O: 25411. Installed overhauled engine M/N: TIO-540-AH1A, S/N: L-11828-36A on aircraft with new engine shock mounts P/N: J-9613-19, & J-9613-12, and engine mount bolts P/N: AN7-35A, & AN7-34A. Installed overhauled propeller M/N: HC-13YR-1RF, S/N: HK1050B, torqued and safety wired nuts with .041, in accordance with propeller and airframe manufacturer manuals. Serviced with 12qts Aeroshell W15W-50 oil, and pre-oiled engine. Ground run performed, leak check and ops checked OK.
2. Complied with AD 2015-19-07 by visual inspection in accordance with Lycoming Engines Mandatory Service Bulletin (MSB) No. 342G.
3. Installed new fuel, oil, and pressure hoses from the firewall forward, installed new rubber drain line hoses and breather hose. Hoses made by Aero Performance under Order number: 7390165.
4. Removed LH and RH inboard fuel sending units, removed old gaskets, and installed new gaskets, leak checked and ops checked OK.
5. Removed nose wheel pant and lower cowl for paint touch up, painted, and installed wheel pant and cowl.
6. Installed new induction air filter P/N: P15-1936.
7. Installed new prop governor control rod end P/N: 89307-000.
8. Installed new throttle control rod end P/N: 452-606.
9. Installed new nose steering stop bracket P/N: 87469-002, and two new stop bolts, adjusted and checked travel.
10. Installed new shimmy dampener rod end P/N: 452-860.
11. Removed prop governor and sent for overhaul by Aircraft Specialists, Inc. under W/O: APP20-03559. Installed Propeller governor P/N: V-5-6, S/N: G674J, with new gasket, ops checked OK.
12. Installed new SkyTec starter P/N: 149-24PM, S/N: H-U010994.
13. Installed new Concorde battery, P/N: RG24-15M, S/N: 41068152.

14. Removed alternator P/N: **ES4011-1LS**, S/N: **E080645**, transferred belt pulley w/ fan and installed overhauled alternator P/N: **ES-4011-1LS**, S/N: **H-S100609**. Overhauled under W/O: **4120** by Falcon Aero.
15. Installed new electric pitch trim button, P/N: **58210A4B0C3**, ops checked OK.
16. Removed pilot and co-pilot seats and sent to be re-covered by Aircraft Interiors, in Radcliffe, KY. Installed pilot and co-pilot seats.

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

Date: 5-18-2020 Signed:   
Robert Crawford, A&P: 3895252

#### Airframe Log Book


Date: **06-01-2020**

Reg No: <b>N133DR</b>	Aircraft Type: <b>PA-32-301XTC</b>	Aircraft S/N: <b>3255027</b>
Tach: <b>N/A</b>	Hobbs: <b>2156.7</b>	Aircraft Total Time: <b>2156.7</b>



1. Installed new Whelen A615 RH position light lens P/N: **68-4250066-30**.
2. Installed new TIT probe P/N: **481-400**. Ground run performed, ops checked OK.
3. Serviced both MLG struts with nitrogen.
4. Serviced air conditioning system with R134a refrigerant.
5. Installed new Mid-continent standby attitude indicator backup battery P/N: **9015607**, S/N: **B20-10378**, MFG DATE: **02/2020**.

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

Date: 6-1-2020 Signed:   
Robert Crawford, A&P: 3895252



#### EMERGENCY BATTERY REPLACEMENT

Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.

Date of Manufacture: 2/2020

Signature

Certificate No.

#### Airframe Log Book

Date: **07-29-2020**



Reg No: <b>N133DR</b>	Aircraft Type: <b>PA-32-301XTC</b>	Aircraft S/N: <b>3255027</b>
Tach: <b>N/A</b>	Hobbs: <b>2173.7</b>	Aircraft Total Time: <b>2173.7</b>

1. Collected A/C system refrigerant, removed receiver dryer, and removed expansion valve. Installed new expansion valve P/N: **592-633**, with new o-rings. Installed new receiver dehydrator P/N: **602-682** with new o-rings. Pulled vacuum on system and verified that pressure readings on gauge held for 30 mins. Charged AC system with an initial R134a refrigerant charge, ran aircraft and serviced system in accordance with PA-32-301XTC maintenance manual instructions.

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

Date: 7-29-2020 Signed:   
Robert Crawford, A&P: 3895252

## Airframe Log Book

Date: Aug 7, 2020

Reg No: <b>N133DR</b>	Aircraft type: <b>Piper PA32-301XTC</b>	Aircraft S/N: <b>3255027</b>
Tach: <b>n/a</b>	Hobbs: <b>2174.3</b>	Aircraft Total Time: <b>2174.3</b>

**AirMart**  
AIRCRAFT SALES & BROKERAGE

1. Removed SkyWatch Traffic system box p/n 805-10800-001 s/n 82102  
Installed serviceable SkyWatch Traffic system box p/n 805-10800-001 s/n SKY09901353. Calibrated antenna and ops checked good.

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

Date: Aug 7, 2020Signed: Thomas A Ferguson

AP/IA 3020594

Total To Carry Forward				

**Piper****>>CUTTER>**  
Leading the Business of Aviation

## AIRFRAME RECORD ENTRY

Registration	N133DR	Cutter Aviation San Antonio, Inc. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone 210) 384-3388 Fax 210) 384-3394	Hour Meter	2180.8
Model No.	PA-32-301XTC		Total Time	2180.8
Serial No.	3255027		Landings	--
08-26-2020			Page 1	

ANNUAL INSPECTION COMPLETED THIS DATE AND ROUTINE MAINTENANCE PERFORMED IAW FAR 43 APPENDIX D USING THE PIPER PA-32R-301XTC 5-20-00 INSPECTION REPORT AS A GUIDE. INCOMING AND OUTGOING RUNS AND SYSTEMS OPERATIONAL CHECKS WERE PERFORMED. ALL ADS CURRENT THIS DATE.

## 1. COMPLIED WITH THE FOLLOWING CHAPTER 5 SPECIAL INSPECTIONS:


- 100 HOUR/12 MONTH LUBRICATION ITEMS.
  - 500 HOUR STABILATOR TRIM DRUM CLEANING AND LUBRICATION.
  - 30 DAY BATTERY COMPARTMENT INSPECTION. NO DEFECTS NOTED.
  - 30 DAY FIRE EXTINGUISHER INSPECTION. NO DEFECTS NOTED.
  - 90 DAY FUEL SELECTOR STRAINER/BOWL DRAIN AND CLEANING. LEAK CHECKED GOOD.
  - 90 DAY ELT INSTALLED TRANSMITTER SELF TEST. CHECKED GOOD.
  - 90 DAY LEAD ACID BATTERY SERVICE
  - 24 MONTH MAGNETIC COMPASS CALIBRATION. NEW CORRECTION CARD. REFERENCE PA32-301XTC MM 34-20-00.
  - 24 MONTH COMPLIED WITH 24 MONTH MAGNETOMETER CALIBRATION I.A.W. PIPER 6XT MM CH. 34-20-00.
  - 84 MONTH/2000 HOUR SPECIAL INSPECTION OF STABILATOR CONTROL SYSTEM. NO DEFECTS NOTED.
2. COMPLIED WITH 12 MONTH INSPECTION AND TEST OF ELT IAW FAR 91.207(d). BATTERY EXP. DATE: 09/2030.
3. COMPLIED WITH PIPER SL 1135 CONTROL CABLE/PULLIES INSPECTION. NO DEFECTS NOTED
4. REPLACED A/C BELT WITH NEW P/N 37B19774-472. ALL WORK WAS DONE IAW PIPER PA-32-301XTC MM 21-50-00 AND 61-10-00
5. INSTALLED NEW STATIC WICKS P/N 494-678 ON RUDDER AND RH STABILATOR. REFERENCE PA32-301XTC MM 23-60-00.
6. ADJUSTED STABILATOR CABLE TENSION, INSTALLED NEW LOCK CLIPS P/N MS21256-1 IAW PA-32-301XTC AMM 27-00-00.
7. REPLACED BOLT P/N 103-11700 ON LH BRAKE ASSEMBLY.
8. C/W AD 2013-02-13 (G) (II) REF PIPER SB 1245A STEPS 1-10. CLEANED AND INSPECTED STABILATOR CONTROL SYSTEM TURNBUCKLE BODIES FOR CORROSION AND CONDITION, NO DEFECTS NOTED. REASSEMBLED TURNBUCKLES, ADJUSTED CABLE TENSION AND INSTALL NEW LOCK CLIPS PN MS21256-1 REF PA32 SERIES AMM 27-00-00.
9. INSTALLED NEW P/N 85290-003 RIGHT HAND LOWER WING ATTACH FAIRING. WORK WAS DONE IAW STANDARD SHOP PRACTICES.

I CERTIFY THAT AN ANNUAL INSPECTION HAS BEEN PERFORMED ON THIS AIRCRAFT IN ACCORDANCE WITH FAR 43 APPENDIX D AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under Work Order: 11M-5343

Date:	08/26/2020	Authorized Signature	<u>B. Tanis</u>	B. TANIS
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## AIRCRAFT LOG

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


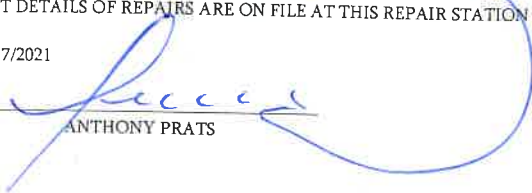

**EMERGENCY BATTERY REPLACEMENT**  
 Affix this label in aircraft logbook  
 Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.  
 Date of Manufacture: 02-20

**SOUTHMOST AVIATION**  
**973 S. MINNESOTA AVE.**  
**BROWNSVILLE, TX. 78521**

Registration:	Make	Model:	Serial No.:	Hobbs:	Date:
<b>N133DR</b>	<b>PIPER</b>	<b>PA32-6XT</b>	<b>3255027.00</b>	<b>2224.40</b>	<b>2020DEC.28</b>
				A.F.T.T.	Landings:
					<b>N/A</b>

**JON K. DOUGLAS**  
**A&P2731054IA**

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

and Remarks	Signature	Certificate No.
<div style="text-align: center;">  <p><b>McCREERY AVIATION CO., INC.</b></p> <p>P. O. BOX 1659 McALLEN, TX 78505</p> </div> <div style="display: flex; justify-content: space-between;"> <div> <p>AIRFRAME</p> <p>05/17/2021</p> <p>REG. NO.: N133DR</p> <p>MODEL: TIO-540-AH1A</p> <p>S/N: L-11525-61A</p> </div> <div> <p>HOBBS: 2272.2</p> <p>W.O. M-21-8247</p> </div> </div> <div style="margin-top: 10px;"> <p>→ DRAINED ENGINE OIL, REMOVED OIL FILTER AND CUT OPEN, NO CONTAMINATION FOUND. INSTALLED AND SAFETIED NEW OIL FILTER P/N: CH48110-1. SERVICED ENGINE WITH 10 QUARTS OF AEROSHELL 15W50 OIL.</p> <p>→ WASHED ENGINE. PERFORMED LEAK CHECK, OPS CHECK GOOD.</p> </div> <p>PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: M-21-8247</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <p>DATE: 05/17/2021</p> <p>SIGNED: </p> <p>ANTHONY PRATS</p> </div> <div> <p>McCREERY AVIATION CO., INC.</p> <p>FAA REPAIR STATION NO, CRSHLFR716E</p> <p>McALLEN, TX 78503</p> </div> </div>		





AIRFRAME  
08/18/2021  
REG. NO.: N133DR  
MODEL: PA32-301XTC  
S/N: 3255027

MCCREERY AVIATION CO., INC.  
P.O. BOX 1659  
McALLEN, TX 78505

HOBBS: 2306.0  
ACTT: 2306.0  
W.O.#: M-21-8591

- COMPLIED WITH ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D USING THE PIPER MODEL PA32-301XTC MAINTENANCE MANUAL INSPECTION CHECKLIST AS A GUIDE.
- COMPLIED WITH ELT INSPECTION PER FAR 91.207(d). OPS CHECK GOOD. BATTERY PACK EXP SEPTEMBER, 2023.
- COMPLIED WITH AD 17-11-10 EXHAUST INSPECTION FLANGE NUTS AND SYSTEM INTEGRITY PER SB627C. NO ABNORMALITIES NOTED.
- COMPLIED WITH AD 84-26-02 INDUCTION AIR FILTER. REPLACED AIR FILTER WITH NEW P/N: P151936.
- REMOVED AND REPLACED LEFT NAV LIGHT WITH NEW P/N: 34-0428020-65.
- REMOVED EVAPORATOR AND RE-INSTALLED AFTER REPAIRS BY OWNER/OPERATOR. VACUUM SYSTEM, LEAK CHECK OK. SERVICED WITH FREON GAS 134A AS REQUIRED. COOLING OK.
- REMOVED AND REPLACED CO-PILOT OVERHEAD A/C LOUVER AND FRAME AS NEEDED.
- REMOVED, CLEANED AND INSPECTED MAINS STRUTS, REPACKED AS NEEDED P/N: 486-188, 63311-000, 484-751, 484-769. SERVICED WITH FLUIDS AND NITROGEN AS NEEDED.
- REMOVED AND REPLACED LEFT MAIN TIRE WITH NEW P/N: 072-314-0 S/N: 0239T00056, INSTALLED WITH NEW INNER TUBE P/N: 302-246-401. SERVICED AND BALANCED AS REQUIRED.
- REMOVED AND REPLACED RIGHT MAIN TIRE WITH NEW P/N: 072-314-0 S/N: 0139T00018, INSTALLED WITH NEW INNER TUBE P/N: 302-246-401. SERVICED AND BALANCED AS REQUIRED.
- REMOVED AND REPLACED ALL BRAKE LININGS WITH NEW P/N: 066-06200. REPACK BEARINGS.
- COMPLIED WITH ALL APPLICABLE AD'S AND BI-WEEKLY THRU 2021-17.

I CERTIFY THAT THIS AIRFRAME IDENTIFIED ABOVE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND CURRENT FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: M-21-8591.

Total  
Carry

DATE: 08/18/2021

SIGNED:   
ANTHONY PRATS

MCCREERY AVIATION CO., INC.  
FAA REPAIR STATION NO. CRSHLFR716E  
McALLEN, TX 78503

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

and Remarks

Signature

Certificate No.



AIRFRAME  
09/01/2021  
REG. NO.: N133DR  
MODEL: PA32-301XTC  
S/N: 3255027

MCCREERY AVIATION CO., INC.  
P.O. BOX 1659  
McALLEN, TX 78505

HOBBS: 2313.6  
ACTT: 2313.6  
W.O.#: M-21-8706

- INSTALLED BRACKET ON ENGINE MUFFLER P/N: LW-19189.

PERTINENT DETAILS OF REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO.: M-21-8706.

DATE: 09/01/2021

SIGNED:   
ANTHONY PRATS

MCCREERY AVIATION CO., INC.  
FAA REPAIR STATION NO. CRSHLFR716E  
McALLEN, TX 78503