

N4122K

AIRCRAFT LOG



AIRCRAFT LOG

THE NEW
PIPER AIRCRAFT, INC.

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

N4122K

Aircraft
Registration number

Part No. 230715

AIRCRAFT DESCRIPTION

Registration No. N4122K

Model: PA-32R-301 Popular Name: SARATOGA II HP

Serial No.: 3246106 Type Certificate No.: A350

Colors: ⁹⁵⁹²²WHITE / ²⁰⁶³BLUE & ⁶²⁰⁷⁰GOLD METALLIC / BISBEE

Engine Manufacturer: LYCOMING Serial Numbers: Single L-26302-48A

Original Engine Model: IO-540-K1G5 Left _____

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HK204A

Original Propeller Model: HC-I34R-1RF Left _____

Right TINT

Blade Numbers

Left

Right

J07314
J07324
J07313

535	13.0 Grams
561	135.5 "
559	234.0 "
555	357.0 "
571	696.0 "

1998 MODEL

BISBEE From
Factory

NOTICE

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

PAINT TYPE: DUPONT IMRON

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
MAR 25 1998	Brought Forward →	4.9		
			I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED <u>MAR 25 1998</u> , I/A/W FAR 21.183(a) PER 21.273 <i>[Signature]</i> FAA DOA SO-1 RICHARD L. MURDOCK THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>20,000</u> FT. ONTL <u>12/4/97</u> (R) <u>N/A</u> SIGNED <i>[Signature]</i> DATE <u>MAR 25 1998</u> RICHARD L. MURDOCK	
			The ELT is installed per FAR 91.207. Battery re- placement date <u>3/2000</u> <i>[Signature]</i> D.O.A. No. SO-1 The New Piper Aircraft, Inc. RICHARD L. MURDOCK	
Total To Carry Forward		4.9		

Registration No. N4122K

and Remarks	Signature	Certificate No.
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 <u>KING</u> Model <u>KT-76C</u> S/N <u>4055</u> 2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u> Details of this inspection are on file at this facility under S/N <u>3246106</u> Date <u>2/13/98</u> Q.A. Inspector <i>[Signature]</i> THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA RICHARD L. MURDOCK		
THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS DATE <u>2/13/98</u> SIGNED: <i>[Signature]</i> RICHARD L. MURDOCK		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

NORTHERN AIR INC.

LOG BOOK ENTRY
 Make: PIPER
 Total Time: 51.1

Dated: 05/08/98
 Model: PA32R301

N# 4122K
 SN: 3246106

Torqued L/H fuel sump drain no leaks noted.
 Repaired alternator voltage sense wire at fuse holder ops checks good.
 The work identified above was performed in accordance with the current Federal Aviation Regulations and was found to be airworthy for return to service. Pertinent details are on file at this agency under;
 W/O# 31149
 DATED: 05/08/98
 NORTHERN AIR INC., CRS# N81R812N, Kent County Int'l Airport, GRR, MI. 49512

Signed: *[Signature]*
 for

NORTHERN AIR INC.

LOG BOOK ENTRY
 Make: PIPER
 Total Time: 148.7

Dated: 07/14/98
 Model: PA32R-301
 Hobbs Time: 148.7

N# 4122K
 SN: 3246106

Installed a new K-2 relay for the airconditioning system blower motor ops checks good.
 Resealed nose gear actuator and serviced system cycled gear thru several fault free cycles.
 The work identified above was performed in accordance with the current Federal Aviation Regulations and was found to be airworthy for return to service. Pertinent details are on file at this agency under;
 W/O# 31457
 DATED: 07/14/98
 NORTHERN AIR INC., CRS# N81R812N, Kent County Int'l Airport, GRR, MI. 49512

Signed: *[Signature]*
 for

Total Carry

Registration No. _____

NORTHERN AIR INC.

LOG BOOK ENTRY
 Make: PIPER
 Total Time: 161.2

Dated: 07/24/98
 Model: PA32R-301
 Hobbs Time: 161.2

N# 4122K
 SN: 3246106

Performed a annual / 100hr inspection on the airframe per PIPER PA 32R-301 maintenance manual.
 Performed annual ELT inspection and operational checks per FAR 91.207(d) ops checks good.
 Performed Piper S.B. 1020 Inspection of ARTEX 110-4 ELT and mounting bracket no defects noted.
 Replaced vacuum regulator and gyro central air filters.
 Adjusted stabilator up stop and checked travels per Piper maint. Manual.
 Repaired leaking fitting on suction side of the airconditioning compressor leak checked and serviced system with 2 Lbs R-134 refrigerant.

I certify that this aircraft has been inspected in accordance with a PIPER Annual Inspection & was determined to be in airworthy condition. Pertinent details on file at this agency under;
 W/O# 31484 & 31457
 DATED: 07/24/98
 NORTHERN AIR INC., CRS# N81R812N, Kent County Int'l Airport, GRR, MI. 49512

Signed: *[Signature]*
 for



Phone:
 (913) 782-0530
 CRS AMYR171C

Airframe Log / Repair
N4122K
S/N:3246106

Date: 20-Apr-99
 Hobbs Time: 316.6
 Installed current KLN 90B GPS update. I certify that this repair has been inspected and determined to be in an airworthy condition. Pertinent details are on file under the above noted work order.

Work Order: E3945
 Total Time:

Signed: *[Signature]* for Kansas City Aviation Center, Inc
 151st and Pflumm Road Olathe, Kansas 66051 FAA Repair Station #AMYR171C

AIRCRAFT LOG



Phone:
(913)782-0530
CRS AMYR171C

Airframe Log/Repair
N4112K
S/N 32-46106

11-Jun-99 Work Order#A8152
Tach Time:350.4 Total Time:350.4

Adjusted upper cabin door latch pin. Replaced control quadrant cover plastic with new unit P/N 69344-029.
I certify that this repair has been inspected and determined to be in airworthy condition. Pertinent details are on file under the above work order.

Signed James E. Searl for
Kansas City Aviation Center, Inc 151st and Plumm Road Olathe, Kansas 66051 FAA Repair Station #AMYR171C

Total To
Carry Forward



Phone:
(913)782-0530
CRS AMYR171C

Airframe Log/Repair
N 4122K
S/N 3246106

8-Jul-99 Work Order# 0021
Tach Time: 359.9

Replaced cabin door striker plate, P/N 79561-045.
I certify that this repair has been inspected and determined to be in airworthy condition. Pertinent details are on file under the above work order.

Signed James E. Searl for
Kansas City Aviation Center, Inc 151st and Plumm Road Olathe, Kansas 66051 FAA Repair Station #AMYR171C

N4122K Tach 386.0 Installed Skyforce SM2202 rack mount for Skymap portable GPS rec. Function check GPS in rack in A/C ok. Negligable weight change. This is a Minor Alteration.

Daniel L Wiese for Caris Midwest Aviation CRS XM5R897H

AIRCRAFT LOG

Date

Maintenance

04-10-2000 Tach 448.0 N4122K s/n 3246106
 Installed King KR87 ADF System. Installed Bose aircraft kits for pilot and copilot headsets. Installed **Artex ELT battery** 452-0130, replacement date **May 2002**. Function check in A/C OK. This is a minor alteration.

NEW: Empty weight 2459.60 CG 87.35 Useful Load 1155.40

Daniel L Wiese

For: Caris Midwest Aviation LLC CRS XM5R897H

THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. DATA COORESPONDENCE TEST PERFORMED. THE ALTIMETER WAS TESTED TO 20,000 FEET. ALT.#1 SN 397550 ALT.#2 BLIND ENC. SN 14953
 THIS A.T.C. TRANSPONDER HAS BEEN INSPECTED AND TESTED IAW FAR 91.413.

#1 MAKE KING MODEL KT70C SN 4055
 #2 MAKE NA MODEL _____ SN _____
 WO# 1449 DATE 4-10-00

BY: 
 FOR CARIS MIDWEST AVIATION, LLC CRS XM5R897H

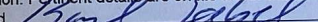
Total To Carry Forward



Phone: (913) 782-053
 CRS AMYR171C

Airframe Log/Repair
N4122K
S/N 32-46106

20-Apr-00 Work Order # A8794
 Tach Time: 448.8 Total Time: 448.8
 CW AD93-02-05 by inspection of injector lines and for proper clamping per Lyc. SB 342A. CW AD94-04-04 by inspection per Lyc. SB 537. CW Piper SB1031 by inspection all units found NVA by S/N. CW Piper SB 1039 by rewire per instructions. **ELT** checked per FAR 91.207(D). Adjusted vacuum pressure. Replaced alternator with new unit P/N ES4011-1LS S/N A030612. Replaced alternate air control cable with new unit P/N 554-051. Replaced switch dimmer control box with new unit P/N 557-122. Replaced switch dimmer control with new unit P/N 481-374. Serviced nose strut with 5606 fluid and nitrogen. Replaced instrument air filter with new unit P/N RAD-9-18-1. Replaced vacuum filter with new unit P/N RAB-3-5-1. Installed missing center floorboard spacers with new units P/N 95061-008. Aircraft run up, operationally and leak checked-ok.
 I certify that this aircraft has been inspected in accordance with an **annual inspection** and is determined to be in airworthy condition. Pertinent details are on file under the above work order.

Signed  for
 Kansas City Aviation Center, Inc 151st and Pflumm Road Olathe, Kansas 66051 FAA Repair Station #AMYR171C

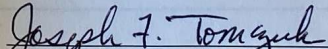
Airframe Log : N4122K

S/N: 32-46106

Date: 8/4/00

Hour meter: 509.5

Repaired broken wire to Hobbs meter and replaced Hobbs and Clock fuse and Bus. feed fuse.
 Operational check OK.


 Joseph F. Tomczuk A&P 500588930

AIRCRAFT LOG

Aircraft Time

Recorder

Advanced Aviation

2801 NE Douglas

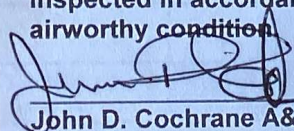
Lee's Summit, Mo. 64064

DATE: 4/20/01

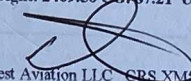
N4122K S/N: 32-46106

Hour Meter: 565.4 TT Airframe: 565.4 SNEW: 565.4

Complied with Annual inspection in accordance with FAR 43 appendix (d) and Piper inspection report used as a guide only. Lubricated aircraft in accordance with service manual. Repacked all wheel bearings, replaced nose wheel bearings P/N: 08125 and races P/N: 08231. Replaced 3 rivnuts on bottom cowl in front of nose gear door, one on the front edge and two on the left side. Checked ELT as per FAR 91.207(d) --checked OK, ELT battery replacement date 5/02. Serviced battery. Serviced hydraulic res. Removed right hand muffler and left hand exhaust tube and sent to Aerospace Welding for repair. (see attached yellow tag) Reinstalled on aircraft using all new hardware. Complied with AD 93-02-05 by inspection. AD 99-04-04 is due at TTAF: 698.8. All AD's checked through ATP revision dated 4/16/01. **I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.**


John D. Cochrane A&P489862368IA

Registration No. _____

and Remarks	Signature	Certificate No.
June 21, 2001 Hobbs:582.7 N4122K s/n 3246106 Installed Ryan TCAD 9900B system. See 337 and weight & balance changes this date for details. Function checked IAW MPS.		
New Empty Weight: 2469.50 CG: 87.21 Useful Load: 1145.50		
Daniel L Wiese For Caris Midwest Aviation LLC CRS XM9R897H		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Advanced Aviaiton 2801 NE Douglas Lee's Summit, Mo. 64064 816-524-7778 Date: 10/11/01 N4122K S/N: 3246106 Hour Meter: 624.3 Complied with Piper Service Bulletin No. 1081 by visual inspection and operational check--instruments are off scale with power off and they concur with readings on digital display monitor. <i>Joseph F. Tomczuk</i> Joseph F. Tomczuk A&P500588930				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Advanced Aviation 2801 NE Douglas Lee's Summit, Mo. 64064 816-524-7778 Date: 1/25/02 N4122K S/N: 3246106 Hobbs: 632.6 Removed old battery, P/N: G243 --S/N: G01743684 and installed new G243 battery--S/N: G01959659, operational check--OK. <i>Joseph F. Tomczuk</i> Joseph F. Tomczuk A&P500588930		
THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. DATA CORESPONDENCE TEST PERFORMED. THE ALTIMETER WAS TESTED TO <u>20,000</u> FEET. ALT.#1 SN <u>397550</u> ALT.#2/BLIND ENC. SN <u>18953</u> THIS A.T.C. TRANSPONDER HAS BEEN INSPECTED AND TESTED IAW FAR 91.413. #1 MAKE <u>KING</u> MODEL <u>KT76C</u> SN _____ #2 MAKE _____ MODEL _____ SN _____ WO# <u>2111</u> DATE <u>4-16-02</u> BY: <i>[Signature]</i> FOR CARIS-MIDWEST AVIATION, LLC CRS XM5R897H		

AIRCRAFT LOG

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

Advanced Aviation
5 Aero Plaza
New Century, Kansas 66031
913-768-1500

Date: 5/1/02 N4122K S/N: 3246106

Hour Meter: 648.0 TT Airframe: 648.0 TSNEW: 648.0

Completed Annual Inspection in accordance with FAR 43 appendix(d) and Piper inspection report used as a guide only. Lubricated aircraft in accordance with Piper maintenance manual. Removed battery, checked and serviced. Repacked all wheel bearings. Checked ELT as per FAR 91.207(d)--no defects found. Replaced ELT battery--new ELT battery due date 11/02. Serviced hydraulic reservoir. Performed gear retraction and emergency extension--no defects found. Replaced vacuum regulator filter, P/N: B3-5-1. Checked and adjusted all cables tensions as per the service manual. Complied with AD 93-02-05 by inspection of injector lines as per Lycoming SB342A. AD 99-04-04 is due at TTAF: 698.8. All AD's checked on ATP Navigator, revision 2002-08F dated 4/15/02. **I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.**

Joseph F. Tomczuk
 Joseph F. Tomczuk A&P5005889301A

ARTEX ARTEX AIRCRAFT SUPPLIES, INC.
 14405 Kell Rd. NE Aurora, OR 97002
 (503) 678-7929 800-547-8901

LOG BOOK ENTRY _____
 E.L.T. BATTERY REPLACEMENT DATE *May 2005*

ation No. _____

Signature	Certificate No.

Advanced Aviation

5 Aero Plaza
 P.O. Box 25
 New Century, KS 66031

913-768-1500 Phone
 913-768-1528 Fax

Date: 5/27/2003 Tach: 709.0 N4122K Airframe

Complied with an Annual Inspection in accordance with FAR 43 Appendix (d) using Piper Inspection Report as a guide only. Lubricated aircraft in accordance with service manual. Repacked all wheel bearings. ELT inspection complied with in accordance with FAR 91.207(d), changed ELT battery – next change due May 2005. Replaced air filter element with Brackett filter assembly BA104. Accomplished gear swing and emergency extension with no defects. AD 2002-26-01 complied with by visual inspection, next due at 809.0 Tach or next Annual. AD 99-04-04 complied with by inspection by Quality Aircraft Accessories. All AD's checked using ATP Navigator thru revision 2003-10F dated 5/12/2003. **I certify that I have inspected this airframe in accordance with an Annual Inspection and that it was determined to be in an airworthy condition.**

Joseph F. Tomczuk
 Joseph F. Tomczuk AP5005889301A

AIRCRAFT LOG

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



Aircraft Services, Inc. 1180 N. Airport Road · Hutchinson, KS 67501 · 620.728.1356 · fax 620.662.0123

Airframe

Log REGISTRATION N4122K MODEL #PA32 TACH 839.9 hrs

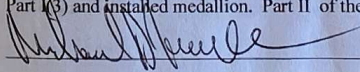
9-20-04 Installed new LH & RH 600x6, 8 ply tires and innertubes, brake discs and linings. Performed gear retraction checks. Operations satisfactory.

KEVIN W. MEAD A&P 443641987 

Total To Carry Forward



Registration No. _____

and Remarks	Signature	Certificate No.
<p><i>Advanced Aviation</i> 5 Aero Plaza New Century, KS 66031 913-768-1500 Phone 913-768-1528 Fax</p> <p>Date: 9/28/2004 Hobbs: 846.6 N4122K</p> <p>Complied with AD2004-14-12 in accordance with Piper Service Bulletin 1139A. Control Wheel attachment screws were found to have at least one thread visible and both had good retention characteristics. Applied Loctite 271 as per Part I(3) and installed medallion. Part II of the service bulletin not accomplished at this time due to no parts available.</p> <p> Michael D. Jewell AP511786794</p>		

AIRCRAFT LOG



I certify that Altimeter and Static System tests required by FAR 91.411 have been performed in accordance with FAR 43 appendix E static system. Static system has been leak checked per FAR 23.1325.

Test Date: 10-22-04

Altimeter Tested to 20000 Feet.

Alt Model UNITED INST. P/N5934DP-3 S/N 397550

W.O. 63128

Dated: 10-22-04

Insp. Sig. *[Signature]*

I certify that Transponder Model # KT76C P/N066-01156-0101 S/N 4055 installed in this aircraft has been tested and inspected and found to comply with requirements of FAR 91.413 in accordance with FAR 43 appendix F and is approved for return to service.


W.O. 63128

Dated: 10-22-04


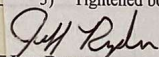
Insp. Sig. *[Signature]*

Executive Beechcraft STL Inc.
 Spirit of St. Louis Airport-532 Beechcraft Dr.
 Chesterfield, MO. 63005 (636)532-4800
 FAA Certified Repair Station No. DEBR152D

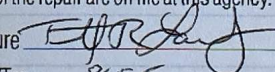
Registration No. _____

and Remarks	Signature	Certificate No.
<p style="text-align: center;"><u>AIRFRAME</u></p> <p>Date: 10/20/2004 HOBBS: 856.5 Reg: N4122K ACTT: 856.5 Model: PA32R-301 S/N: 3246106</p> <p style="text-align: right;">  SKYLINE AERONAUTICS 776 N Bell Ave, Chesterfield, MO (636) 532-2435 </p> <p>Performed an annual inspection in accordance with Piper PA-32R-301 Airplane Maintenance Manual section 5-20-00:</p> <ol style="list-style-type: none"> 1) Inspected and functionally tested ELT and found it meets the requirements of FAR 91.207(d). ELT battery expires May 2005. 2) Removed and replaced both nose wheel bearing cups with new, p/n 08231-20629. Removed and replaced both nose wheel bearing cones with new, p/n 08125-20629. Serviced bearings with Aeroshell 22 grease. 3) Removed and replaced engine air filter with new, p/n BA-3. <p>I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p><i>[Signature]</i> JEFF RYDER A&P 2740170 IA</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
AIRFRAME				
Date: 10/29/2004	HOBBS: 861.3			
Reg: N4122K	ACTT: 861.3			
Model: PA32R-301	S/N: 3246106			
				
1) Complied with AD 2004-14-12 by installing retainer clips, p/n 104687-002, on both control yokes in accordance with Part II of Piper Service Bulletin No. 1139A, dated 4/9/04. 2) Removed left and right main landing gear actuators, p/n SFA232-5. Installed overhauled actuators, p/n SFA232-5 Revision B. Actuators modified by Parker Hannifin in accordance with Parker SB 7076 . See two FAA 8130-3 forms dated 6/3/04 for details. Performed functional test of landing gear, no defects noted. 3) Tightened bolts around both inboard fuel tank sender units.				
 JEFF RYDER A&P 2740170				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
N#- <u>4122K</u> Date- <u>11-3-04</u>		
Kings Avionics, Inc. Station #TF2R185L		
The aircraft and/or component identified 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.		
Signature  Repairman # <u>2384543</u>		
Hobbs/Tac <u>865.5</u> W.O. # <u>58342</u>		
Action: R+R autopilot roll servo for repair. R+R autopilot computer and attitude gyro for alignment. Removed strikefinder display unit for factory repair. Secured strikefinder harness as necessary for flight. Ground checked systems OK.		
Total To Carry Forward		

AIRCRAFT LOG

Registration No. _____

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

December 10, 2004

Saratoga PA-32R-301 * N4122K * Hobbs: 870.7 * TTAF 870.7
 Removed KLN90B with remote switch and KA92, KX155A, KN72, KR87, and KA44B.



Installed Garmin GNS530 with GA56 Antenna. Unit ramp checks OK. See 337 this date for installation details. Updated Weight & Balance and Equipment List

Gerard Scherer for:
 Gerard Scherer 2541235

Cape Avionics, Inc.
 169 Cadmium Lane
 Cape Girardeau MO 63701
 FAA Repair Station C1KR447N

Total To Carry Forward



and Remarks	Signature	Certificate No.

December 11, 2004

Saratoga PA-32R-301 N4122K Hobbs: 870.7 TTAF 870.7



A functional flight test was performed for the GPS installation per 91.407 (b) and AC20-138. Aircraft checks OK.

Bill Hinck for:
 Bill Hinck CR2530897

Cape Avionics, Inc.
 169 Cadmium Lane
 Cape Girardeau MO 63701
 FAA Repair Station C1KR447N

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

AIRFRAME
 Date: 01/19/2005 HOBBS: 893.8
 Reg: N4122K ACTT: 893.8
 Model: PA32R-301 S/N: 3246106



- 1) Installed FAA-PMA approved SlickSTART magneto booster system in accordance with Unison Industries STC No. SA593CH. Installation performed in accordance with Slick Service Letter no. SL2-96, dated 6/19/00. Mounted SlickSTART unit, p/n SS1001 s/n 04322-017, to left side of firewall using AN3-C3A bolts and MS21044N3 nuts. Wired unit to the starter relay and left magneto using supplied installation kit, p/n K1001, in accordance with SL2-96 paragraph IV (C). See FAA form 337 dated 1/19/2005. Performed functional test of starting and ignitions systems and found to be satisfactory.
- 2) Adjusted cabin heat valve cable.

Jeff Ryder
 JEFF RYDER
 A&P 2740170

Total To				
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and Remarks	Recorder Reading	Aircraft Time	Signature	Certificate No.
FEBRUARY 16, 2005	HOBBS 906.0			
N4122K - REMOVED CONCORDE RG-24-11H		S/N 40006173		BATTERY
INSTALLED GILL G243		S/N G02107431		BATTERY
FUNCTION TEST OK - Don McLAUGHLIN, OWNER			<i>Don McLaughlin</i>	

AIRFRAME
 Date: 03/08/2005 HOBBS: 909.3
 Reg: N4122K ACTT: 909.3
 Model: PA32R-301 S/N: 3246106



Removed Pictorial Nav Indicator KI-525A, p/n 066-3046-07 s/n 86427, and sent to Porter-Strait Instrument Co. for repair. See FAA form 8130-3 dated 03/07/2005 for details. Installed repaired unit.

Jeff Ryder
 JEFF RYDER
 A&P 2740170

CERTIFICATE OF APPROVAL TAG

AIRCRAFT LOG

AIRFRAME
 Date: 11/03/2005 HOBBS: 987.8
 Reg: N4122K ACTT: 987.8
 Model: PA32R-301 S/N: 3246106

SKYLINE
 AERONAUTICS
 776 N Bell Ave, Chesterfield, MO
 (636) 532-2435

Performed an **annual inspection** in accordance with Piper PA-32R-301 Airplane Maintenance Manual section 5-20-00: due **replacement June 2007**.

- 1) Inspected and functionally tested the ELT and found it meets the requirements of FAR 91.207(d). **ELT battery is due replacement June 2007.**
- 2) Removed and replaced the vacuum regulator filter with new, p/n RA-B3-5-1.
- 3) Removed and replaced the vacuum central air filter with new, p/n AA-D9-18-1.
- 4) Removed and replaced the engine air filter with new, p/n BA-3.
- 5) Adjusted the vacuum pressure regulator to 5.1 inches at 2400 rpm.
- 6) Removed and disassembled the left main wheel assembly. Removed and replaced the tube with new, p/n 092-315-0. Reassembled the wheel assembly and installed on the aircraft.
- 7) Installed Reiff Corp engine heater, FAA-PMA No. PQ2585CE, in accordance with Installation Instructions. Updated the aircraft weight and balance / equipment list, see form dated 11/3/05.

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

Jeff Ryder
 JEFF RYDER
 A&P 2740170 1A

Total To Carry Forward

Registration No. _____

MAKE Piper
 MODEL PA-32R-301
 S/N 3246106
 REG. NO. N4122K
 WORK ORDER 1292-08-2006



Executive Beechcraft STL, Inc.
 Repair Station No. DEBR152D
 532 Beechcraft Ave
 Chesterfield, MO 63005
 Phone: 636-532-4800

DATE: 8/2/2006
 A/C TSN: 1042.1
 HOBBS: 1042.1

Airframe Entries

(1) I certify that the altimeter p/n 5934PD-3 s/n 397550, static and transponder p/n KT76c s/n 4055 tests required by FAR 91.411, 91.413 have been performed in accordance with FAR 43 appendix E & F and are approved for return to service... (2) Adjusted encoder output potentiometer. Ops checked good.

Maintenance Release

With respect to the work performed, this aircraft is determined to be in an airworthy condition and is approved for return to service. Pertinent details of the repairs are on file at this repair station DEBR152D under the above noted work order.

DATE: 8/2/2006

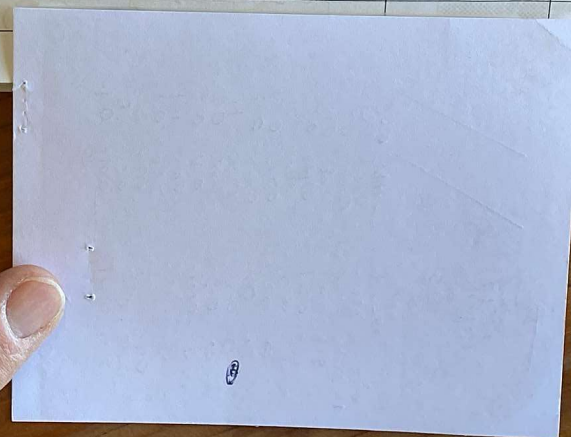
SIGNED:

Ryan Wagner

Work Order: 1292-08-2006

Ryan Wagner
 Certified Repair Station No. DEBR152D

Printed by EBIS 3 (datcomedia.com)



AIRCRAFT LOG

AIRFRAME

Date: 12/01/2006 HOBBS: 1077.6
 Reg: N4122K ACTT: 1077.6
 Model: PA32R-301 S/N: 3246106



Performed an **annual inspection** in accordance with Piper PA-32R-301 Airplane Maintenance Manual section 5-20-00:

- 1) Inspected and functionally tested the ELT and found it meets the requirements of FAR 91.207(d). **ELT battery is due replacement June 2007.**
- 2) Removed and replaced the vacuum regulator filter with new, p/n RA-B3-5-1.
- 3) Removed and replaced the vacuum central air filter with new, p/n AA-D9-18-1.
- 4) Removed and replaced the engine air filter with new, p/n BA-3.

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

Grant Van Dolah
 GRANT VAN DOLAH
 AP 3042593 IA

JUNE 9, 2007 - REMOVED + REPLACED ELT BATTERY W/ NEW
 P/N 452-0130. NEW REPLACEMENT 09/09. INSPECTED + TESTED.

DAVID S McLAUGHLIN - OWNER

Total To Carry Forward

Registration No. _____

and Remarks

Signature _____ Certificate No. _____



HOME 471-462-5221

CELL: 417-718-0168

AIRFRAME

MAKE: Piper
 SERIAL#: 3246106
 DATE: 08-08-07.

MODLE: PA32-301
 TACH: 1087.8

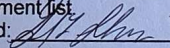
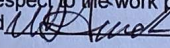
removed left main tire and tube . installed new Michelin Air 6.00 X 6 8 ply tire and new michelin Tube . inflated both mains to 50 psi Rick Martin AP3110934

Rick Martin



AIRCRAFT LOG

Registration No. _____



Date	Aircraft Time This Date Total	Recorder Reading	Maintenance
			
HOME 471-462-5221		CELL: 417-718-0168	
AIRFRAME			
MAKE: Piper	MODLE: PA32-301		
SERIAL#: 3246106	TACH: 1087.8 1087.8		
DATE: 08-08-07 01-12-08	1087.8 1087.8		
<p>Cleaned and repacked landing gear bearings. insalled new G243 battery. installed new scat tubing in engine compartment for cabin heat , adjusted travel of Alt air door . found damaged fuses next to battery . owner insisted he would replace tigherned nut on fuse holder . installed new brackett air filter element. lubricated hinges . chekced elt IAW FAR91.207 D for security and operation and found to be secure and to opperate properly. this aircraft has been inspected IAW and annuale inspection and found to be in airworthy condition at this time on this date.</p> <p>Rick Martin AP31109341A</p> 			
Total To Carry Forward			

and Remarks	Signature	Certificate No.
<p>N4122K S/N 3246106 PA 32R-301 04/21/08 hrs: 1087.8 ttaf: 1087.8 (NOBOS INOP.)</p> <p>This date, removed the GNS 530 and GA 56 and installed the upgraded GNS 530W per STC SA01933LA, and the GA 35 in place of the GA 56 on existing provisions. See 337 dated, 04/21/08. Updated the wt. and balance and equipment list.</p> <p>signed:  for: Cape Avionics, Inc. Regional Airport 169 Cadmium Ln. Cape Girardeau MO 63701 FAA Approved Repair Station NO. C1KR447N</p>		
<p>N4122K S/N 3246106 PA 32R-301 04/21/08 hrs: 1087.8 ttaf: 1087.8 (NOBOS INOP.)</p> <p>This date, performed a flight check of the upgraded GNS 530W. The aircraft is determined to be airworthy with respect to the work performed.</p> <p>signed:  for: Cape Avionics, Inc. Regional Airport 169 Cadmium Ln. Cape Girardeau MO 63701 FAA Approved Repair Station NO. C1KR447N</p>		
Total To Carry Forward		

AIRCRAFT LOG

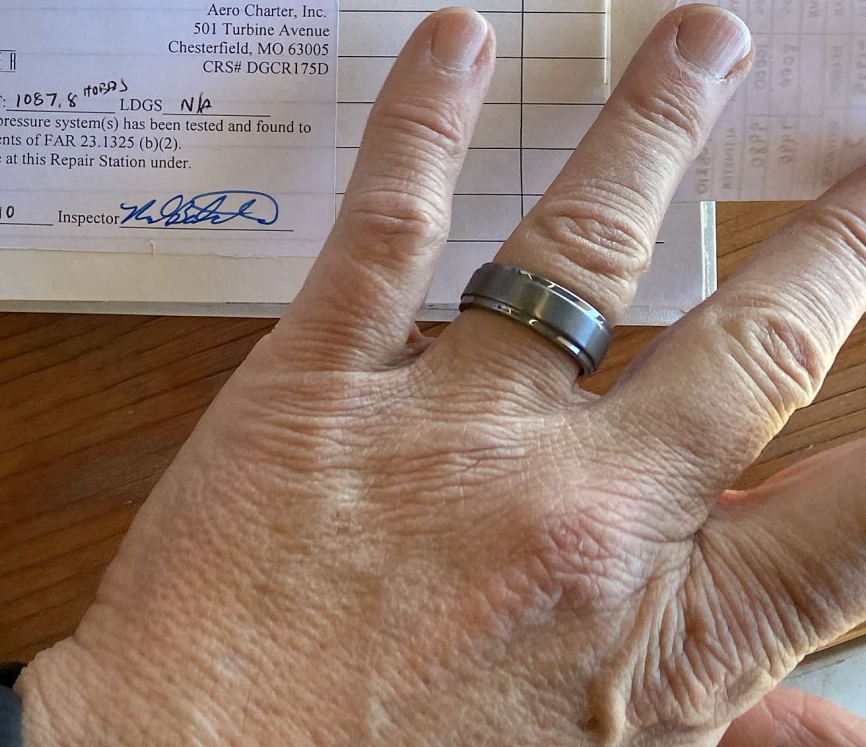
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>Form AF 043 08/13/02 Rev(2)</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  <p>AERO CHARTER</p> </div> <div> <p>Aero Charter, Inc. 501 Turbine Avenue Chesterfield, MO 63005 CRS# DGCR175D</p> </div> </div> <p>Date <u>26 AUG 08</u> ACTT: <u>1087.8</u> ^{HOBBS} LDGS <u>N/A</u> The altimeter system(s) has been tested and found to comply with FAR 91.411 in accordance with appendix E of FAR43. #1 Alt. Type: <u>5434 PD-3</u> S/N: <u>379550</u> #2 Alt. Type: _____ S/N: _____ Pertinent details are on file at this Repair Station under.</p> <p>Work Order No. <u>08210</u> Inspector <u>[Signature]</u></p>				
<p>Form AF 042 08/13/02 Rev(2)</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  <p>AERO CHARTER</p> </div> <div> <p>Aero Charter, Inc. 501 Turbine Avenue Chesterfield, MO 63005 CRS# DGCR175D</p> </div> </div> <p>Date <u>26 AUG 08</u> ACTT: <u>1087.8</u> ^{HOBBS} LDGS <u>NA</u> The automatic pressure altitude reporting equipment has been tested & found to comply with paragraph (c), appendix E of FAR43. #1 Mfr/Model: <u>AR850</u> S/N <u>14950</u> #2 Mfr/Model: _____ S/N _____ Pertinent details are on file at this Repair Station under.</p> <p>Work Order No. <u>08210</u> Inspector <u>[Signature]</u></p>				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>Form AF 041 08/13/02 Rev(2)</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  <p>AERO CHARTER</p> </div> <div> <p>Aero Charter, Inc. 501 Turbine Avenue Chesterfield, MO 63005 CRS# DGCR175D</p> </div> </div> <p>Date <u>26 AUG 08</u> ACTT: <u>1087.8</u> ^{HOBBS} LDGS <u>N/A</u> The transponder system(s) has been tested and found to comply with FAR 91.413 in accordance with appendix F of FAR 43. #1 Mfr/Model: <u>KT76C</u> S/N <u>4055</u> #2 Mfr/Model: _____ S/N _____ Pertinent details are on file at this Repair Station under.</p> <p>Work Order No. <u>08210</u> Inspector <u>[Signature]</u></p>		
<p>Form AF 040 08/13/02 Rev(2)</p> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  <p>AERO CHARTER</p> </div> <div> <p>Aero Charter, Inc. 501 Turbine Avenue Chesterfield, MO 63005 CRS# DGCR175D</p> </div> </div> <p>Date <u>26 AUG 08</u> ACTT: <u>1087.8</u> ^{HOBBS} LDGS <u>N/A</u> The integrity of the static pressure system(s) has been tested and found to comply with the requirements of FAR 23.1325 (b)(2). Pertinent details are on file at this Repair Station under.</p> <p>Work Order No. <u>08210</u> Inspector <u>[Signature]</u></p>		


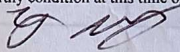
CERTIFICATE OF APPROVAL TAG
 Part No. 0638582Y
 Quantity: _____
 Date and Key: _____
 Inspected and Approved: _____
 Title of the Inspector: _____
 Form AF 040 08/13/02 Rev(2)
 1-000000-00
 1-000000-00
 14 C
 certifies that the work performed in accordance with this certificate is in accordance with the applicable FAA regulations and is authorized.
 Name (Type): _____
 Responsibility: _____
 Install the repair: _____
 Present than: _____
 Airworthiness: _____
 This must be: _____

TIME	DATE	REPAIR	STATUS	REMARKS
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	
1000	08/26/08	ALT	OK	



AIRCRAFT LOG

Registration No. _____

Date	Aircraft Make	Recorder	Maintenance
This Date	Type	Reading	
			
HOME 471-462-5221		CELL: 417-718-0168	
AIRFRAME			
MAKE: Piper	MODLE: PA32-301		
SERIAL#: 3246106	TACH: 1278.9		
DATE: 02-21-09			
<p>Cleaned and repacked landing gear bearings. installed new landing light in right wing tip. checked and greased landing gear joints. inspected brake pads and filled brake res with fluid. filled hyd res for landing gear with fluid .performed 3 compete landing gear cycles. checked operation of the standyg vac system and found to operate properly. found damaged fuses next to battery installed new 5 amp fuses. installed new ba3 brackett air filter element. lubricted hinges . chekced elt IAW FAR91.207 D for security and operation and found to be secure and to operate properly. battery due sept 2009. found hobbs metter damaged, new metter ordered this aircaft has been inspected IAW and annuale inspection and found to be in airworthy condition at this time on this date. Rick Martin AP3110934IA</p>			
			

TOTAL TIME WHEN HOBBS
 REPLACED = 1278.9
 OLD HOBBS REPLACED 2/27/09

Total To Carry Forward

and Remarks

Signature

Certificate No.

Piper PA-32R-301

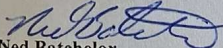
Date 07/15/2009 Reg. No. N4122K
 Hobbs 39.6 Serial No. 3246106



Aero Charter, Inc.
 501 Turbine Avenue
 Chesterfield, MO 63005
 Repair Station
 DGCR175D
 636-537-0005


Performed Garmin GNS530W Software Upgrade in accordance with **Garmin Service Bulletin 0848**, upgraded Main Software to 3.20 and GPS Software to 3.2. Performed operational checks as necessary, no defects noted at this time.

With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 09209.


 Ned Batchelor
 CRS# DGCR175D


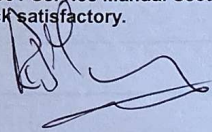
Total To Carry Forward

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Piper PA-32R-301				
<i>Date</i>	<i>09/03/2009</i>	<i>Reg. No.</i>	<i>N4122K</i>	
<i>Hobbs</i>	<i>66.9</i>	<i>Serial No.</i>	<i>3246106</i>	
<p>Removed and replaced Flap Actuator P/N 552-615 S/N 8648 and installed customer supplied Flap Actuator P/N 552-615 S/N 658. Performed operational checks as necessary, no defects noted at this time.</p> <p>With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 09268.</p> <p align="center"><i>P. Todd Bauer</i></p> <p>P. Todd Bauer CRS# DGCR175D</p>				
Total To Carry Forward				

Aero Charter, Inc.
501 Turbine Avenue
Chesterfield, MO 63005
Repair Station
DGCR175D
636-537-0005

Registration No. _____

and Remarks	Signature	Certificate No.
	2650 West Shamrell Blvd Flagstaff Pulliam Airport Flagstaff, AZ 86001 928.779.9585 928.779.9586 fax	
21st July 2009 N4122K Tach: 48.1		
WO-09-2889 Airframe Removed and replaced engine driven vacuum pump with new Tempest AA3215CC pump SN59326 and new AAD9-18-1 instrument air filter element IAW Piper PA-32-301 Service Manual Section 37 and Tempest Installation manual. Run check satisfactory.		
R.W. Monroe A&P 3155466		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

TTAF-1372.8

Make Piper Model PA32R-301 Serial No./No. 3246106

①
Holds Tach Reading 93.9 Date 4-1-10 Completed Annual inspection in accordance with Piper inspection form to include: opened panels for inspection. Lubed pulleys, bellcranks and attach points. Serviced Battery. Greased wheel bearings. Performed gear retraction and emergency extension checks. Greased landing gear. Cleaned fuel bowl and screens. Serviced Air conditioning. Reinstalled engine mount after repair and SB 1092 B was complied with by installing Bracket Assembly P/N 104642-002 See 337 date 3-12-10 for details. Repaired ground wire for Aux. cigar lighter plug in. Repaired three wires for AST seat intercom. Reinstalled engine after overhaul by G+N Aircraft w/o # 66700 see engine log for details. Installed two new

NORTHWEST AVIATION
MAINTENANCE, INC.

1705 East Main Street • Griffith, IN 46319
Telephone: (219) 922-2632 • 800-247-7070

W.O. # continued →

Authorized Signature _____

Registration No. _____

and Remarks	Signature	Certificate No.
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②
Make Piper Model PA32R-301 Serial No./No. 3246106

Holds Tach Reading 93.9 Date 4-1-10 Nose/landing gear springs P/N 487-483 and 487-484. w/ SB 1197A on control wheel shafts, no problems noted. w/ FAR 91.207(d) on ELT. Installed new ELT BATTERY P/N 452-0130 expires 1/2012. w/ AD 95-26-13 by installation of new Type D oil cooler hoses, next due 8 yrs or 1000 hrs. Checked rigging on nose landing gear and adjusted as needed. Installed new vacuum Reg. Filter P/N B3-5-1. Installed new Air Filter P/N BA-3. Installed new nose landing gear actuator rod end P/N 452-334. I certify that this Airframe has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy condition this date. END.

NORTHWEST AVIATION
MAINTENANCE, INC.

1705 East Main Street • Griffith, IN 46319
Telephone: (219) 922-2632 • 800-247-7070

W.O. # 5879
Thomas G. Garsch, Jr.
Authorized Signature AP3044453IA

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
4/10/2010	CHANGED OIL + FILTER - 10 ¹⁵ HOUR AFTER OVERHAUL TEMPEST AA48110 AEROSHELL 80 MINERAL OIL - 11 QUARTS HOBBS 105.4			DONALD McLAUGHLIN, OWNER <i>[Signature]</i>

MAKE: Piper
MODEL: PA-32R-301
S/N: 3246106
REG. NO: 4122K
WORK ORDER: 4942-05-2010

Executive Beechcraft STL, Inc.

Repair Station No. DEBR152D
532 Beechcraft Ave.
Chesterfield, MO 63005
Phone: 636-532-4800

DATE: 5/28/2010
A/C TSN: 1042
HOBBS: 1042

Airframe Entries

1 Installed new tire p/n: 606C86-6, s/n: 00892075 and tube p/n: 302-246-401 on right main gear.

Maintenance Release

With respect to the work performed, this aircraft is determined to be in an airworthy condition and is approved for return to service. Pertinent details of the repairs are on file at this repair station DEBR152D under the above noted work order.

DATE: 5/28/2010

SIGNED:

Marvin Busby

Marvin Busby
Certified Repair Station No. DEBR152D

Work Order: 4942-05-2010

Printed by EBis 3 (datcomedia.com)

and Remarks

Signature

Certificate No.

7/30/2010 CHANGED OIL + FILTER - 25 HOUR INTERVAL
TEMPEST AA48110 / AEROSHELL 80 MINERAL OIL - 11 QTS
HOBBS 129.8 DONALD McLAUGHLIN, OWNER *[Signature]*

Form AF 041 08/27/01 Rev(1)



Aero Charter, Inc.
501 Turbine Avenue
Chesterfield, MO 63005
CRS# DGCR175D

Date 1-26-11 ACTT: Hobb 153.9 LDGS NA

The transponder system(s) has been tested and found to comply with FAR 91.413 in accordance with appendix F of FAR 43.

#1 Mfr/Model: B/K KT70C S/N 4055

#2 Mfr/Model: NA S/N NA

Pertinent details are on file at this Repair Station under.

Work Order No. 11030A Inspector *[Signature]*

Date 1-26-11 ACTT: H066 1539 LDGS NA
The automatic pressure altitude reporting equipment has been tested & found to comply with paragraph (c), appendix E of FAR43
#1 Mfr/Model: Navco AR-850 S/N 14453
#2 Mfr/Model: NA S/N NA
Pertinent details are on file at this Repair Station under.

Work Order No. 11030A Inspector Ted Clark

Date 1-26-11 ACTT: H066 1539 LDGS NA
The altimeter system(s) has been tested and found to comply with FAR 91.411 in accordance with appendix E of FAR43.
#1 Alt. Type: 5934PD-3 S/N: 397550
#2 Alt. Type: NA S/N: NA
Pertinent details are on file at this Repair Station under.

Work Order No. 11030A Inspector Ted Clark

Date JAN 26 11 ACTT: H066 1539 LDGS NA
The integrity of the static pressure system(s) has been tested and found to comply with the requirements of FAR 23.1325 (b)(2).
Pertinent details are on file at this Repair Station under.

Work Order No. 11030A Inspector Ted Clark

Registration No. _____

Piper PA-32R-301

Date 01/27/2011 Reg. No. N4122K
Hobbs 153.9 Serial No. 3246106



Aero Charter, Inc.
501 Turbine Avenue
Chesterfield, MO 63005
Repair Station DGCR175D
636-537-0005

Removed Traffic Antenna to replace nutplates on antenna doubler and properly bonded antenna and reinstalled. Performed operational checks on Traffic Alert Collision Avoidance System as necessary, no defects noted at this time.

With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 11030A.

Ned Batchelor
Ned Batchelor
CRS# DGCR175D

MARCH 18, 2011

REMOVED GILL 6243 (S/N GØ2107431) BATTERY & REPLACED

WITH GILL 6243 (S/N GØ2535889) - FUNCTION TEST OK

DONALD MCLAUGHLIN, OWNER D. McLaughlin

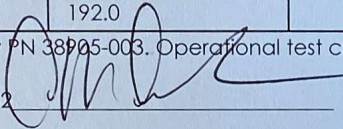
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance										
	This Date	Total												
N4122K	HOBBS:158.4	ACTT:1437.3	DATE:5-1-2011											
<p>Performed ANNUAL INSPECTION per FAR 43 app. "D" Tested ELT per FAR 91.207, battery due 1/12. Installed new 5.00X5X6 ply nose tire [Air Hawk] , visually inspected wheel halves & bolts. Adjusted nose steering cam per PA-32 MM. Retorqued vertical fin attach bolts per PA-32 MM. Visually inspected wing ribs reference SB 1161, no defects noted. Visually inspected aileron ribs reference SB 1216A. Replaced pneumatic system filters. AD 10-15-10 was previously complied per SB 1197A, see log entry 4-1-10.</p> <p>I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION & is in airworthy condition.</p> <p style="text-align: right;">Craig Cunningham A&P 352502262IA </p> <p style="text-align: right; margin-top: 20px;">McKinney Aviation 580 Beechcraft Ave. Suite 108 Chesterfield MO 63005</p>														
<table style="width: 100%; border: none;"> <tr> <td style="width: 10%; border: none;">Total To</td> <td style="width: 20%; border: none;"></td> <td style="width: 10%; border: none;"></td> <td style="width: 20%; border: none;"></td> <td style="width: 20%; border: none;"></td> </tr> <tr> <td style="border: none;">Carry Forward</td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> </table>					Total To					Carry Forward				
Total To														
Carry Forward														

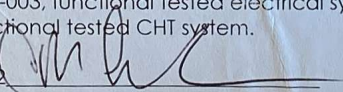
Registration No. _____

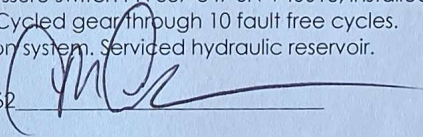
and Remarks	Signature	Certificate No.
<p>Piper PA-32R-301</p> <p>Date 05/11/2011 Reg. No. N4122K</p> <p>Hobbs 158.4 Serial No. 3246106</p>		<p><i>Aero Charter, Inc.</i> 501 Turbine Avenue Chesterfield, MO 63005 Repair Station DGCR175D 636-537-0005</p>
<p>Removed 9900B Traffic Processor P/N 70-2400 S/N 010501 and 9900B Traffic Display P/N 70-2500 S/N 001298 and sent out for repair. Reinstalled 9900B Traffic Processor P/N 70-2400 S/N 010501 and 9900B Traffic Display P/N 70-2500 S/N 001298 (See Ryan International LLC FAA Form 8130-3 Tracking No. 9014161 dated May 05, 2011). Performed operational checks as necessary, no defects noted at this time.</p> <p>With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 11145A.</p> <p style="text-align: center;"> Ned Batchelor CRS# DGCR175D </p>		

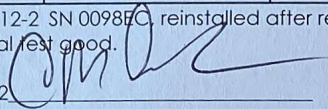
AIRCRAFT LOG

Registration #	Date	HOBBS/TACH	AIRCRAFT LOG
N4122K	9/7/2011	192.0	
Replaced alternator fail sensor with new PN 38905-003. Operational test charging system. Craig Cunningham A&P 352502262 			
McKinney Aviation 580 Beechcraft Ave. Suite 108 Chesterfield MO 63005			

OUT OF CHRON ORDER ↓

Registration #	Date	HOBBS/TACH	AIRCRAFT LOG
N4122K	6/15/2011	172.9	
Replaced alternator out switch PN 38905-003, functional tested electrical system. Replaced CHT probe PN MS24482-1, functional tested CHT system. Craig Cunningham A&P 352502262 			
McKinney Aviation 580 Beechcraft Ave. Suite 108 Chesterfield MO 63005			

Registration #	Date	HOBBS/TACH	AIRCRAFT LOG
N4122K	11/9/2011	205.3	
Jacked A/C, removed defective up pressure switch PN 587-847 SN V40013, installed new pressure switch PN 587-847 SN L030019. Cycled gear through 10 fault free cycles. Operational tested emergency extension system. Serviced hydraulic reservoir. Craig Cunningham A&P 352502262 			
McKinney Aviation 580 Beechcraft Ave. Suite 108 Chesterfield MO 63005			

Registration #	Date	HOBBS/TACH	AIRCRAFT LOG
N4122K	11/21/2011	205.3	
Removed Digital Engine Display PN 159512-2 SN 009850, reinstalled after repair by CRS FSZR483X, WO# RM0751. Operational test good. Craig Cunningham A&P 352502262 			
McKinney Aviation 580 Beechcraft Ave. Suite 108 Chesterfield MO 63005			

AIRCRAFT LOG

Form AF 040 08/27/01 Rev(1)

Aero Charter, Inc.
501 Turbine Avenue
Chesterfield, MO 63005
CRS# DGCR175D

Date 5-29-2013 ACTT: 324.5 hobs LDGS N/A

The integrity of the static pressure system(s) has been tested and found to comply with the requirements of FAR 23.1325 (b)(2). Pertinent details are on file at this Repair Station under.

Work Order No. 13168 Inspector Fed Clark

Aircraft Time
Total

Recorder Reading

Maintenance



Aero Charter, Inc.
501 Turbine Avenue
Chesterfield, MO 63005
CRS# DGCR175D

Date 5-29-2013 ACTT: 324.5 hobs LDGS N/A

The altimeter system(s) has been tested and found to comply with FAR 91.411 in accordance with appendix E of FAR43.
The transponder system(s) has been tested and found to comply with FAR 91.413 in accordance with appendix F of FAR 43.
The automatic pressure altitude reporting equipment has been tested & found to comply with paragraph (c), appendix E of FAR43
Pertinent details are on file at this Repair Station under.

Work Order No. 13168 Inspector Fed Clark

Altimeters tested to 20,000 ft.

Registration No. _____

Form AF048 08/27/01 Rev(1)



Aero Charter, Inc.
501 Turbine Avenue
Chesterfield, MO 63005
CRS# DGCR175D

Pilot Co-Pilot W.O. 13168

TEST SET	ENCODER	ALTIMETER	HYST	ENCODER	ALTIMETER	DIFFERENCE	
						READING	DIFFERENCE
-1000	-1000	-1000	50%	9900	10000		
0	0	0	40%	7900	8000		
500	500	480	AMB	400	460		
1000	1000	990	BAR				
1500	1500	1480					
2000	2000	1980	28.10				
3000	3000	2970	28.50				
4000	4000	3970	29.00				
6000	6000	5965	29.50				
8000	7900	7960	29.92				
10000	9900	9950	30.50				
12000	11900	11940	30.90				
14000	13900	13940	30.99				
16000	15900	15930	ACFT				
18000	17900	17930	N#S/N				
20000	19800	19920	XPDR				
22000			S/N				
25000			ENC				
30000			S/N				
35000			ALT				
40000			S/N				
45000			ACTT				
50000			BARO				
			TEMP				

Repairman

Date

Certificate No.

AIRCRAFT LOG

N4122K HOBBS:338.2 ACTT:1617.1 DATE:7/2013 ^{Orca}

Performed **ANNUAL INSPECTION** per the scope & detail of FAR 43 app. "D".
 Tested ELT per FAR 91.207, battery due 4/14.
 Reviewed aircraft records, complied with Instructions for Continued Airworthiness as required.
 Replaced Freon hose PN 566-334. Evacuated and serviced system per MM.
 Adjusted steering cam, rigged nose steering and set rudder cable tension per MM.
 Replaced right nav light lamp PN A508-28.
 Removed left main wheel assembly, installed new 6.00x6x8 ply tire, repacked wheel bearings and reinstalled left main wheel assembly.
 C/W AD 13-02-12 Stabilator cable inspection, no defects noted, adjusted cable tensions, checked travels, reference SB 1245A.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION & is in airworthy condition.

Craig Cunningham A&P 3525022621A 

McKinney Aviation
 580 Beechcraft Ave.
 Suite 108
 Chesterfield MO 63005

Total To
 Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.

Piper PA-32R-301

Date 01/03/2014 Reg. No. N4122K
 Hobbs 379.4 Serial No. 3246106



Aero Charter, Inc.
 501 Turbine Avenue
 Chesterfield, MO 63005
 Repair Station DGCR175D
 636-537-0005

Removed and replaced Bendix King KT 76C Transponder P/N 066-01156-0101 S/N 4055 and installed a new Bendix King KT 74 Transponder P/N 89000007-000001 S/N 00115, unit installed in same location as removed.

Provisions to interface to Garmin GNS 530 WAAS were accomplished at this time, but are not enabled.

Performed configuration and operational checks as necessary, no defects noted at this time.

Instructions for Continued Airworthiness for the Bendix King KT. 74 Transponder, can be found in Section 5, of Bendix King by Honeywell KT 74 Mode S / ADS-B Out Transponder Installation Manual 89000007-000001 Revision 0 dated 15 Nov 2013.

With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 13336.

Ted A. Clark 
 CRS# DGCR175D

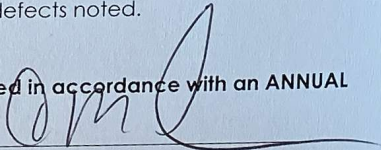
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

N4122K HOBBS:412.1 ACTT:1691.0 DATE:8/1/2014

Performed **ANNUAL INSPECTION** per the scope & detail of FAR 43 app. "D".
 Tested ELT per FAR 91.207, replaced battery due 5/17.
 Reviewed aircraft records, complied with Instructions for Continued Airworthiness as required.
 Replaced all brake linings PN 066-062.
 Visually inspected Aileron ribs ref. SB1216A, no defects noted.
 Visually inspected Wing ribs ref. SB1161, no defects noted.
 Weight checked cabin fire extinguisher.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL INSPECTION & is in airworthy condition.

Craig Cunningham A&P 352502262IA 

McKinney Aviation
 580 Beechcraft Ave.
 Suite 108
 Chesterfield MO 63005

Total to Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
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Piper PA-32R-301

Date 09/19/2014 Reg. No. N4122K

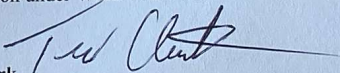
Hobbs 432.0 Serial No. 3246106



*Aero Charter, Inc.
 501 Turbine Avenue
 Chesterfield, MO 63005
 Repair Station DGCR175D
 636-537-0005*

Complied with **Garmin Software Service Bulletin No. 1317 Revision A** – Upgraded GNS 530W GPS/WAAS Software to Version 5.0 in accordance with Service Bulletin Instructions.
 Complied with **Garmin Software Service Bulletin No. 1403 Revision B** – Upgraded GNS 530W Main Software to Version 5.10 in accordance with Service Bulletin Instructions and placed FAA Approved Airplane Flight Manual Supplement Document No. 190-00356-03 Revision D, in Airplane Flight Manual per **Garmin STC Service Bulletin No. 1401 Revision A** Instructions. Performed operational checks as necessary, no defects noted at this time.

With respect to the work performed, this aircraft is approved for return to service. Pertinent details are on file at this Repair Station under Work Order No. 14334*.


 Ted A. Clark
 CRS# DGCR175D

AIRCRAFT LOG

Registration No. _____

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



ACS AVIONICS

The Premier Austin Completion Center
209 Airport Road Taylor, Texas 76574
www.acsatx.com
CRS # WCHR539X

Work Order: C3397
Registration #: N4122K
Model: PA-32R-301
Serial Number: 3246106
Hobbs/TT: 476.0

1. Altimeter Certification

I certify that the altimeter and altitude reporting equipment has been tested as required by 14 CFR PART 91.411 and was found to comply with PART 43 Appendix E.

Bench	Encoder	P/N: AR-850	S/N: 14953	TESTED TO 20K/FT
Bench	Altimeter	P/N: 5934PA-3	S/N: 397550	TESTED TO 20K/FT

2. Transponder Certification

I certify that the ATC Transponder(s) has been tested as required by 14 CFR PART 91.413 and was found to comply with PART 43 Appendix F.

Bench	TRANSPONDER	P/N: 89000007-000001	S/N: 00115	MODE A/C
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Maintenance Release: The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order: C3397.

Inspector's Signature: _____

[Signature]
FAA CRS # WCHR539X

Date: January 21, 2016

and Remarks

Signature

Certificate No.



ACS AVIONICS

The Premier Austin Completion Center
209 Airport Road Taylor, Texas 76574
www.acsatx.com
CRS # WCHR539X

Work Order: R3805
Registration #: N4122K
Model: PA-32R-301
Serial Number: 3246106
Hobbs/TT: 499.9

1. GTX 345 Installation

Installed GTX 345 Transponder IAW Garmin GTX 3XX Part 23 AML STC Installation Manual 190-00734-10 Revision 6 dated July 2016. Complied with Post Installation Check IAW Garmin GTX 3XX Part 23 AML STC Installation Manual 190-00734-10 Revision 6 dated July 2016 chapter 6 and Operation/Performance Checkout chapter 7. The system was installed IAW FAA STC No. SA01714WI issued to Garmin International Inc amended March 8, 2016 referencing Garmin Master Drawing List document 005-00734-04 Revision 8 dated July 21, 2016. No discrepancies noted. The aircraft ATC Transponder(s) has been tested as required by 14 CFR PART 91.413 and was found to comply with PART 43 Appendix F. Provided the following to the owner/operator for all flight operations as part of the permanent records for the aircraft Garmin GTX 335/345 Series All-In-One ADS-B Transponder Pilot's Guide 190-001499-00 Revision A dated February 2016.

1. GTX 345 Installation

Removed existing avionics to facilitate new equipment installation

Installed	GTX 345 Transponder	P/N: 011-03302-00	S/N: 3EG002808
Installed	Encoder	P/N: A30.9	S/N: 138111
Installed	Altitude Encoder	P/N: 011-03080-01	S/N: 3T6001350
Removed	TRANSPONDER	P/N: 89000007-000001	S/N: 00115

2. Autopilot pitch inop - No pitch mode / no pitch servo response / roll is intermittent

Removed Pitch Servo. Installed exchange Pitch Servo IAW AC 43.13-1B Chapter 7. No discrepancies noted.

Removed	KS 177	P/N: 065-0050-09	S/N: 4457
Installed	KS 177	P/N: 065-0050-09	S/N: 4237

Maintenance Release: The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order R3805.

Inspector's Signature: _____

[Signature]
FAA CRS # WCHR539X

Date: September 27, 2016

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Sandtech Aviation Services

Lakeway, Texas

Reg #: N4122K S/N: 3246106 TT: 1785.9 Date: 10-1-2016

Performed an airframe annual inspection as required per FAR 91.409 in reference to FAR 43 appendix D and aircraft/component maintenance manuals. Inspected all flight controls and flight control cables for proper routing, rigging and travel. Lubed all flight control hinges and engine control cables. Inspected, cleaned and repacked all wheel bearings and serviced tires with proper tire pressures. Lubed all landing gear components. Serviced and re-charged battery. Complied with FAR 91.207, inspection and operational check of ELT. No defects noted. ELT battery due May 2017. Serviced brake and landing gear reservoirs. Performed normal and emergency gear retraction checks. No defects noted. Inspected all required items. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in an airworthy condition.



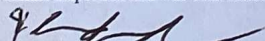
Kevin Sandford A&P 2698734 I.A.

Sandtech Aviation Services

Lakeway, Texas

Reg #: N4122K S/N: 3246106 TT: 1831.0 Hobbs: 552.0 Date: 10-1-2017

Performed an airframe annual inspection as required per FAR 91.409 in reference to FAR 43 appendix D and aircraft/component maintenance manuals. Performed AD research. Complied with **AD2017-14-04**, inspection of oil cooler hoses. N/A due to type D hoses installed. This AD replaces **AD95-26-13**. Inspected all flight controls and flight control cables for proper routing, rigging and travel. Lubed all flight control hinges and engine control cables. Inspected and repacked all wheel bearings and serviced tires with proper tire pressures. Complied with FAR 91.207, inspection and operational check of ELT. No defects noted. Removed and replaced ELT battery. ELT battery due Aug 2021. Serviced brake and landing gear pump reservoirs. Performed normal and emergency landing gear retraction check. No defects noted. Inspected all required items. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in an airworthy condition.



Kevin Sandford A&P 2698734 I.A.

and Remarks

Signature

Certificate No.



ACS AVIONICS

The Premier Austin Completion Center
209 Airport Road Taylor, Texas 76574
www.acsatx.com
CRS # WCHR539X

Work Order: C3709
Registration #: N4122K
Model: PA-32R-301
Serial Number: 3246106
Hobbs/TT: 551.8

1. Altimeter Certification

I certify that the altimeter and altitude reporting equipment has been tested as required by 14 CFR PART 91.411 and was found to comply with PART 43 Appendix E.

Bench	Altimeter	P/N: 5934PA-3	S/N: 397550	Tested to 20k feet
Bench	Altitude Encoder	P/N: 011-03080-01	S/N: 3T6001350	Tested to 20k feet

2. Transponder Certification

I certify that the ATC Transponder(s) has been tested as required by 14 CFR PART 91.413 and was found to comply with PART 43 Appendix F.

Bench	GTX 345 Transponder	P/N: 011-03302-00	S/N: 3EG002808	Mode S
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Maintenance Release: The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order: C3709.

Inspector's Signature: _____

FAA CRS # WCHR539X

Date: January 29, 2018

AIRCRAFT LOG

Registration No. _____

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Sandtech Aviation Services *Lakeway, Texas*

Reg #: N4122K S/N: 3246106 TT: 1843.2 Hobbs: 564.2 Date: 11-1-2018

Performed an airframe annual inspection as required per FAR 91.409 in reference to FAR 43 appendix D and aircraft/component maintenance manuals. Performed AD research. Inspected all flight controls and flight control cables for proper routing, rigging and travel. Lubed all flight control hinges and engine control cables. Inspected, cleaned and repacked all wheel bearings and serviced tires with proper tire pressures. Complied with FAR 91.207, inspection and operational check of ELT. No defects noted. ELT battery due Aug 2021. Serviced brake and landing gear pump reservoirs. Replaced engine induction air filter (P/N: BA-3). Removed and replaced the strobe light power supply (P/N: 01-0770028-05 S/N: 60012). Replaced L/H and R/H brake linings (066-06200) and installed new shim insulators (RA068-01100). Replaced the vacuum system main filter (P/N: RA-D9-18-1) and vacuum regulator garter filter. Serviced and charge the main battery. Performed landing gear retraction check. No defects noted. Inspected all required items. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in an airworthy condition.



Kevin Sandford A&P 2698734 I.A.

Sandtech Aviation Services *Lakeway, Texas*

Reg #: N4122K Model: PA32R-301 S/N: 3246106 Hobbs: 568.4 Date: 9/20/2019

-Removed and replaced the electric fuel pump. Operational and leak check satisfactory. P/N On: 1B5-14 S/N On: 4AT38.



Kevin Sandford A&P 2698734 I.A.

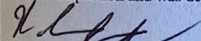
Total To Carry Forward

and Remarks	Signature	Certificate No.
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Sandtech Aviation Services *Lakeway, Texas*

Reg #: N4122K S/N: 3246106 TT: 1854.0 Hobbs: 575.0 Date: 12-1-2019

Performed an airframe annual inspection as required per FAR 91.409 in reference to FAR 43 appendix D and aircraft/component maintenance manuals. Performed AD research. Complied with **AD 2013-02-13**, Stabilizer control system inspection I/A/W AD instructions and Piper MSB 1245A. No defects noted. Next due TT 3854.0 or Dec 2026. Complied with **AD 17-14-04**, oil cooler hoses. Verified type D hoses installed. Inspected all flight controls and flight control cables for proper routing, rigging and travel. Lubed all flight control hinges and engine control cables. Inspected, cleaned and repacked all wheel bearings and serviced tires with proper tire pressures. Complied with FAR 91.207, inspection and operational check of ELT. No defects noted. ELT battery due Aug 2021. Serviced brake and landing gear pump reservoirs. Charged the main battery. Serviced the NLG strut with nitrogen. Performed landing gear retraction checks. No defects noted. Inspected all required items. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in an airworthy condition.

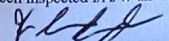


Kevin Sandford A&P 2698734 I.A.

Sandtech Aviation Services *Lakeway, Texas*

Reg #: N4122K S/N: 3246106 TT: 1855.5 Hobbs: 576.5 Date: 1-21-2021

Performed an airframe annual inspection as required per FAR 91.409 in reference to FAR 43 appendix D and aircraft/component maintenance manuals. Performed AD research. Inspected all flight controls and flight control cables for proper routing, rigging and travel. Lubed all flight control hinges and engine control cables. Replaced the alternator cooling duct. Inspected, cleaned and repacked all wheel bearings and serviced tires with proper tire pressures. Complied with FAR 91.207, inspection and operational check of ELT. No defects noted. Replaced the ELT battery. Next due Feb 2024. Checked brake and landing gear pump reservoirs for proper levels. Performed landing gear retraction checks. No defects noted. Inspected all required items. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in an airworthy condition.



Kevin Sandford A&P 2698734 I.A.

