

N514C

AIRCRAFT LOG



AIRCRAFT DESCRIPTION

Registration No. N514C

Model: PA-28-181 Popular Name: ARCHER III

Serial No.: 2843684 Type Certificate No.: 2A13
P1203 L0009 P2340

Colors: SUNFAST RED/WHITE & DARK GREY

Engine Manufacturer: LYCOMING Serial Numbers: Single L-41697-36E

Original Engine Model: O-360-A4M Left _____

Right _____

Propeller Manufacturer: SENSENICH Hub or Serial Number: Single 101434K

Original Propeller Model: 76EM8S14-O-62 Left _____

Right _____

Blade Numbers

Left

Right

_____	_____
_____	_____
_____	_____

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

[illegible]

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

CALIBRATION CARD			
ALTIMETER			
P/N: 5934PD-3		C/N: A.134	
		S/N: 475566	
Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp
-1,000	-10	14,000	0
0	-5	16,000	5
500	-10	18,000	10
1,000	0	20,000	25
1,500	-5	22,000	
2,000	-5	25,000	
3,000	-5	30,000	
4,000	-10	35,000	
6,000	-20	40,000	
8,000	-25	45,000	
10,000	-15	50,000	
12,000	-5		

Date: 03-Jun-10

Tested by: SM

Inspected by: DG

FORM QA-A5 (B)

UNITED INSTRUMENTS, INC.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
AUG 02 2010	Brought Forward →	7.8		find that the aircraft meets the requirements of the certification requested and have issued a Standard Airworthiness Certificate.
				The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested:
				On (Pri) <u>07/09/10</u> (Sec) <u>06/03/10</u>
				<u>55,000 ft</u> <u>20,000 ft</u>
				The ELT is installed per FAR 91.207. Battery Replacement date: <u>July 2016</u>
				Dated: <u>AUG 02 2010</u>
				<u>Robert L. Olsen</u> ROBERT L. OLSEN DMIR-832848-CE
				Piper Aircraft, Inc. Vero Beach, Florida
Total To Carry Forward		7.8		

Registration No. N514C

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.		
1. Make <u>GARMIN</u> Model <u>GTX330</u> SN <u>84140363</u>		
2. Make <u>NA</u> Model <u>NA</u> SN <u>NA</u>		
Details of this inspections are on file at this facility under:		
ACFT S/N <u>2843684</u> Date <u>07/21/10</u>		
The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: <u>07/21/10</u>		
<u>Robert L. Olsen</u> ROBERT L. OLSEN DMIR-832848-CE		
Piper Aircraft, Inc. Vero Beach, Florida		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
<div> <div> MAKE: Piper MODEL: PA28-181 S/N: 2843684 REG. NO: N514C WORK ORDER: 1196-08-2010 </div> <div> Piper Aircraft, Inc. 2926 Piper Drive Vero Beach, FL 32960 Phone: 772-567-4361 ext 2671 </div> <div> DATE: 8/6/2010 A/C TSN: 7.8 HOBBS: 7.8 </div> </div>				
Airframe Entries Minor crack in fiberglass nose wheel pant repaired per Piper M/M 761-883 chapter 51-70-00. Repair acceptable.				
Maintenance Release				
The aircraft and/or component(s) on N514C was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1196-08-2010, Dated 8/6/2010.				
DATE: 8/6/2010 SIGNED: <i>Frank Haas</i> Work Order: 1196-08-2010 Printed by EBis 3 (datcomedia.com)				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<div> MAKE: Piper MODEL: PA28-181 S/N: 2843684 REG. NO: N514C WORK ORDER: 1201-08-2010 </div> <div> Piper Aircraft, Inc. 2926 Piper Drive Vero Beach, FL 32960 Phone: 772-567-4361 ext 2671 </div> <div> DATE: 8/19/2010 A/C TSN: 9.1 HOBBS: 9.1 </div>		
Airframe Entries Lower cabin door seal detached at bottom of door. Cleaned, reglued lower cabin door seal and adjusted door striker plate per M/M 761-883 chapter 52-10-00. Operational check of door acceptable.		
Maintenance Release		
The aircraft and/or component(s) on N514C was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 1201-08-2010, Dated 8/19/2010.		
DATE: 8/19/2010 SIGNED: <i>Frank Haas</i> Work Order: 1201-08-2010 Printed by EBis 3 (datcomedia.com)		



2802 Old Tower Road
Phoenix Arizona 85034
FAA Repair Station No. EKGR571D

602-267-4070 Phone
602-267-4030 FAX

Model PA-28-181
Serial No. 2843684
Registration N514C
Page 1 of 1

Aircraft Log

Work Order No. 5987
Hour Meter 46.1
Aircraft Total Time 43.9 Tachometer
Landings NA

Drained oil. Removed, cut and inspected oil filter. Installed new oil filter P/N CH48110-1. Serviced engine with 8 Quarts Aeroshell 15/50 oil. Ran engine, no leaks noted.

Installed new carburetor air box to air cleaner duct PN 457-699. Reference Piper M.M. CH. 20-00-00.

Complied with warrantable first 50 hr inspection. Reference Piper Aircraft, Inc. Warrantable 1st. 50 hour inspection report.

AD 2010-15-10 Pilot and Co-pilot control wheel inspection does not apply to aircraft by Serial Number.

The aircraft and /or component identified above was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service with respect to the work performed. Pertinent details are on file at this repair station.

Signed: 

Date:

11-23-10

Total To
Carry Forward

WESTERN AVIONICS, INC.

19711 CAMPUS DR. HANGAR A, SANTA ANA, CA 92707 CRS YH3R997L

N514C PIPER PA-28-181 S/N 2843684 TACH Time: 73.1 WO# 228460

Performed 12 mo ELT Test / Inspection IAW FAR 91.207 and Artex Document 570-1600 REV G for
(ME 406 ELT PN: 453-6603 Sn: 197-04414) 15 DIGIT HEX ID: ADCC401E8800315
BATTERY PN: 452-6499 REPLACEMENT DATE JUL 2016

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed

DAVID NAM

1 SEP 2011

Date

MAKE: Piper
MODEL: PA-28-181
S/N: 2843684
REG. NO: N514C
WORK ORDER: 25646



American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y
19711-B Campus Drive
Santa Ana, CA 92707
Phone: (949) 852-8420

DATE: 9/1/2011
A/C TSN: 73
TACH: 73

Airframe Entries

Complied with an Annual inspection as per Manufacturer's Service and/or Maintenance Manual. Tested and inspected ELT as per FAR 91.207D. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2011-17.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 9/1/2011

SIGNED:

Richard Sanchez
Certified Repair Station No. Z5SR421Y

Work Order: 25646

Printed by EBis 3 (datcomedia.com)

WESTERN AVIONICS, INC. 19300 IKE JONES RD., SANTA ANA, CA 92707 CRS YH3R997L

N514C PIPER PA-28-181 S/N 2843684 WO# 223761 TACH: 123.9 HOBBS: 139

• PERFORMED 24 MONTH CERTIFICATION OF PFD, STBY ALTIMETER, BLIND ENCODER AND STATIC SYSTEM AS REQUIRED BY F.A.R. 91.411
I.A.W. F.A.R. PART 43, APPENDIX E TO 15,000 FT.

• PERFORMED 24 MONTH A.T.C. MODE "S" TRANSPONDER TEST AS REQUIRED BY F.A.R. 91.413 AND ACCOMPLISHED
I.A.W. PART 43, APPENDIX F.

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL
REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed Stan Erickson

12 OCT 2012

Date

WESTERN AVIONICS, INC. 19300 IKE JONES DR., HANGAR A, SANTA ANA, CA 92707 CRS YH3R997L

N514C PIPER PA-28-181 S/N 2843684 WO# 230761 TACH Time: 123.9

Performed 12 mo ELT Test / Inspection IAW FAR 91.207 (d) and Artex Document 570-1600 REV L for

(ME 406 ELT PN: 453-6603 Sn: 197-04414) 15 DIGIT HEX ID: ADCC4044F800315

BATTERY PN: 452-6499 REPLACEMENT DATE JUL 2016

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL
REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed Stan Erickson

12 OCT 2012

Date

Carry Forward

MAKE: Piper
MODEL: PA-28-181
S/N: 2843684
REG. NO: N514C
WORK ORDER: 26202



American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y
19711-B Campus Drive
Santa Ana, CA 92707
Phone: (949) 852-8420

DATE: 10/19/2012
A/C TSN: 123.9
TACH: 123.9

Airframe Entries

Complied with an Annual inspection as per Manufacturer's Service and/or Maintenance Manual. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2012-20.... Tightened sun visor to stay in place.... Replaced induction air duct and clamp with new.... Serviced brake reservoir to full.... ELT 406 annual certification complied with by Western Avionics CRS #YH3R997L.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT
MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 10/19/2012

SIGNED:

Richard Sanchez
Certified Repair Station No. Z5SR421Y

Work Order: 26202

Printed by EBis 3 (datcomedia.com)

MAKE: Piper
MODEL: PA-28-181
S/N: 2843684
REG. NO: N514C
WORK ORDER: 26684



American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y
19711-B Campus Drive
Santa Ana, CA 92707
Phone: (949) 852-8420

DATE: 11/1/2013
A/C TSN: 168.6
TACH: 168.6

Airframe Entries

Complied with an Annual inspection as per Manufacturer's Service and/or Maintenance Manual. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2013-21.... Serviced brake reservoir to full.... Removed and replaced left fuel quick drain with new.... AD2013-02-13 inspection of stabilator control system due in Aug 2025.... 406 MHz ELT inspection and test per FAR 91.207(d) complied with by Western Avionics CRS #YH3R997L.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT
MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 11/1/2013

SIGNED:

Richard Sanchez
Certified Repair Station No. Z5SR421Y

Work Order: 26684

Printed by EBis 3 (datcomedia.com)

WESTERN AVIONICS, INC. 19300 IKE JONES RD., SANTA ANA, CA 92707 CRS YH3R997L
N514C PIPER PA-28-181 S/N: 2843684 WO# 235343 TACH: 220.7 HOBBS: 254.6

- PERFORMED 24 MONTH CERTIFICATION OF GDC 74 AS DISPLAYED ON G500 PFD, STBY ALTIMETER AND STATIC SYSTEM AS REQUIRED BY F.A.R. 91.411 I.A.W. F.A.R. PART 43, APPENDIX E TO 20,000 FT.
- PERFORMED 24 MONTH A.T.C. MODE "S" TRANSPONDER TEST AS REQUIRED BY F.A.R. 91.413 AND ACCOMPLISHED I.A.W. PART 43, APPENDIX F.

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed  YH3R997L Stan Erickson

12 / 16 / 2014

Date

WESTERN AVIONICS, INC. 19300 IKE JONES DR., SANTA ANA, CA 92707 CRS YH3R997L
N514C PIPER PA-28-181 S/N 2843684 WO# 235343 TACH Time: 220.7

Performed 12 mo ELT Test / Inspection IAW FAR 91.207 (d) and Artex Document 570-1600 REV L for
(ME 406 ELT PN: 453-6603 Sn: 197-04414) 15 DIGIT HEX ID: **ADCC4044F800315**
BATTERY PN: 452-6499 REPLACEMENT DATE JUL 2016

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed  YH3R997L Stan Erickson

12 / 16 / 2014

Date

Tot
Car

WESTERN AVIONICS, INC. 19300 IKE JONES RD., SANTA ANA, CA 92707 CRS YH3R997L
N514C PIPER PA-28-181 S/N 2843684 HOBBS: 254.6 WO # 235376

- Performed Garmin MANDATORY G500 System Software Update for GDU 620 to Version 6.11, GRS 77 to Version 3.03 and GDC 74 TO Version 3.09 Per Garmin Service Bulletin 1303 Rev A DTD Jan 22, 2014
- Performed GNS 430W 5.2 Main and 5.0 GPS SW Update Per Garmin Service Bulletin 1461 Rev A as Approved by Garmin STC Service Bulletin NO: 1474 Rev A DTD NOV 24, 2014
- Performed Post Installation Op Check Per Garmin Service Bulletins.

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE WITH REFERENCE TO WORK PERFORMED. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed  YH3R997L Stan Erickson

12 / 24 / 2014

Date

MAKE: Piper
MODEL: PA-28-181
S/N: 2843684
REG. NO: N514C
WORK ORDER: 27290



American Aircraft Maintenance, Inc.

Repair Station No. Z5SR421Y
19711-B Campus Drive
Santa Ana, CA 92707
Phone: (949) 852-8420

DATE: 3/6/2015
A/C TSN: 220.7
TACH: 220.7

Airframe Entries

Complied with an Annual/100 HR inspection in accordance with FAR Part 43, Appendix D, using Piper Aircraft, Inc. Inspection Report p/n 767-008 as a guide. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2015-04.... 406 MHz ELT inspection and test per FAR 91.207(d) complied with by Western Avionics CRS #YH3R997L.... Test found no refrigerant in air conditioning system. Evacuated and leak checked system, no leaks at this time. Serviced with 2 lbs. R134, system blowing cold.... Brake reservoir serviced to full Level. Bleed left brake.... Left wing outboard leading edge skin damage. Skin replaced and painted to match. See FAA Form 337 dated 3/1/2015.... Repacked wheel bearings and replaced both main gear tires with new 6.00x6, 6 ply Goodyear Flight Custom III tires.... All brake linings replaced with new.... Serviced nose strut with nitrogen to proper height.

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DATE: 3/6/2015

SIGNED: 

Richard Sanchez
Certified Repair Station No. Z5SR421Y

Work Order: 27290

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AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<div style="border: 1px solid black; padding: 5px;"> <p>N514C August 21, 2015 Tach: 243.4 Installed Electronics International Model EC-1 EGT/CHT indicator S/N 166453. Installation completed in accordance with Installation instructions No 0070781 Dated February 25 1995. FAA form 337 completed this date. Installed FAA TSO-C71 Mid-Continent Instruments True Blue power USB module , Model TA102.Installation completed in accordance with installation instruction manual # 9017942 Rev G, dated Feb26,2015. Operational checked good.</p> <p><i>Patrick Williams</i> Patrick Williams 30348291A</p> </div>				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>Gann Aviation, Inc. Aircraft Logbook Entry Date: 04-13-16 N Number: 514C Make and Model: Piper PA28-181 S/N: 2843684 Tach: 281.2 Hobbs:323.6 TT: 281.2 Completed an annual inspection in accordance with CFR part 43, Appendix E and Piper Inspection checklist. Inspected ME 406 ELT P/N 453-6603 S/N 197-04414 per CFR 91.207(d). Found satisfactory. ELT battery expires July, 2016. Cleaned and inspected induction air filter. Cleaned screens in fuel strainer and boost pump. Lubricated all control surface hinges and rod end bearings Minimum brake disk thickness = .205. It=.221 rt=.221. Installed 4 New Cleveland 066-10500 brake linings. Cleaned, inspected, and lubricated wheel bearings. Vacuum filters cleaned. Checked AD notes and found aircraft to be in compliance with all applicable AD notes through Tdata 2016-06. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition. Signature: <i>Richard A. Cason</i> Richard A. Cason AP260136515IA *****END*****</p>		

AIRCRAFT LOG

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

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 08-17-16 N Number: 514C Make and Model: Piper PA28-181

S/N: 2843684 Tach: 292.5 Hobbs: 336.8 TT: 292.5

Installed a new 406 battery pack P/N 452-6499. Inspected ME 406 ELT P/N 453-6603

S/N 197-04414 per CFR 91.207(d). Found satisfactory. **ELT battery expires Sept, 2023.**

Signature: [Signature]

Richard A. Cason AP260136515IA*****END*****

Gann Aviation, Inc.

Aircraft Logbook Entry

06/05/2017 Piper PA-28-181, N514C

Removed Mid Continent 4300 stand-by gyro and replaced emergency battery


With p/n 9015607 as per continued airworthiness instructions. Unit was

reinstalled and tested.

Signature: [Signature] CRS GHVR840X

*****END*****

Registration No. _____

and Remarks	Signature	Certificate No.
 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: <u>4/17</u>		

Gann Aviation, Inc.

Aircraft Logbook Entry

06/05/2017 Piper PA-28-181, N514C

Removed old GTX330 transponder and installed new Garmin

GTX345 ADS-B transponder system s/n 3EG006739. The unit was installed as

per STC SA01714WI and installation manual 190-01499-02. For details of the

work and installation see FAA form 337 this date. The unit was tested IAW

AC20-165 and FAR43 appendix F and found to be compliant. There was no

change to the aircraft weight and balance.

Signature: [Signature] CRS GHVR840X

*****END*****

AIRCRAFT LOG

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

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 06-06-17 N Number: 514C Make and Model: Piper PA28-181

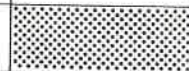
S/N: 2843684 Tach: 310.0 Hobbs: 357.3 TT: 310.0

Completed an annual inspection in accordance with CFR part 43, Appendix E and Piper Inspection checklist. Inspected ME 406 ELT P/N 453-6603 S/N 197-04414 per CFR 91.207(d). Found satisfactory. **ELT battery expires Sept, 2023.** Cleaned and inspected induction air filter. Cleaned screens in fuel strainer and boost pump. Lubricated all control surface hinges and rod end bearings Minimum brake disk thickness = .205. It= .220 rt= .221. Cleaned, inspected, and lubricated wheel bearings. Vacuum filters cleaned. Removed Rt. fuel tank cleaned and retorqued fuel sending unit. Checked AD notes and found aircraft to be in compliance with all applicable AD notes through Tdata 2017-10. I certify that this aircraft has been inspected in accordance with an **annual** inspection and was found to be in an airworthy condition.

Signature: 

Richard A. Cason AP260136515IA*****END*****

Total To
Carry Forward



Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 09-21-17 N Number: 514C Make and Model: Piper PA28-181

S/N: 2843684 Tach: 312.4 Hobbs: 360.6 TT: 312.4

Removed old Gill G-243 battery installed a new Gill 7243-14 28 volt battery S/N G02977644. Serviced battery per 7000 series LT valve regulated laed-acid aircraft batteries DWG. NO. 1577 Rev. H dated 09-01-15.

Signature: 

Richard A. Cason AP260136515IA*****END*****

Certificate No.

Gann Aviation, Inc.

Aircraft Logbook Entry

11/01/2017 Piper PA-28-181, N514C

Removed old turn coordinator and installed overhauled unit p/n 1394T100-14RB

Serial no.B14-10958. For details see work order 000313211 FAA8130.

Reinstalled overhauled unit and tested. The was no change to the aircraft weight and balance

Aircraft is airworthy with respect to the work performed.

Signature: 

CRS GHVR840X

*****END*****

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 06-09-18 N Number: 514C Make and Model: Piper PA28-181

S/N: 2843684 Tach: 347.6 Hobbs: 401.3 TT: 347.6

Completed an annual inspection in accordance with CFR part 43, Appendix E and Piper PA28-181 Inspection Checklist. Inspected ME 406 ELT P/N 453-6603 S/N 197-04414 per CFR 91.207(d). Found satisfactory. **ELT battery expires Sept, 2023.** Installed a new Donaldson P/N P617058 MFG date 04/05/2018 induction air filter. Cleaned screens in fuel strainer and boost pump. Lubricated all control surface hinges and rod end bearings. Minimum brake disk thickness = .205. It= .220 rt= .220. Cleaned, inspected, and lubricated wheel bearings. Vacuum filters cleaned. Checked AD notes and found aircraft to be in compliance with all applicable AD notes through Tdata 2018-10.

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

Signature:

Richard A. Cason AP260136515IA*****END*****

Total To Carry Forward				
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Registration No. _____

and Remarks	Signature	Certificate No.
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Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 08-01-19 N Number: 514C Make and Model: Piper PA28-181

S/N: 2843684 Tach: 381.2 Hobbs: 439.9 TT: 381.2

Completed an annual inspection in accordance with CFR part 43, Appendix E and Piper PA28-181 Inspection Checklist. Inspected ME 406 ELT P/N 453-6603 S/N 197-04414 per CFR 91.207(d). Found satisfactory. **ELT battery expires Sept, 2023.** Inspected Donaldson induction air filter. Cleaned screens in fuel strainer and boost pump. Lubricated all control surface hinges and rod end bearings. Minimum brake disk thickness = .205. It= .219 rt= .218. Cleaned, inspected, and lubricated wheel bearings. Vacuum filters cleaned. Installed a new Electronics P/N P110-R EGT probe. Checked AD notes and found aircraft to be in compliance with all applicable AD notes through Tdata 2019-12. C/W **Piper SB 1229** "Control Quadrant Inspection." No problems noted. C/W **Piper SB 1278** "Left wing station 131.60 rib inspection. No cracks seen at this time.

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

Signature:

Richard A. Cason AP260136515IA*****END*****

Gann Aviation, Inc.	
P. O. Box 493	
114 Gasque Drive	
Lafayette, GA 30728	
Hydrazine	
Cruise Leak	
1/11 Flt / Min	
2.0850%	
Tot 100 Flt	
30	
Friction	
Error	
Tot 75 Flt	
After Effect	
Tot 30 Flt	
Baro Scale	
28.10	
-172.5	
-1340	
-963	
-392	
0	
+531	
+883	
+974	

TESTED PER 14CFR PART 43, APPENDIX E.

CERTIFIED REPAIR STATION NO. GHRB40X

Date: 4-16-20

P/N 60074

S/N 2843684

AIRCRAFT Piper PA28-181

Signed

Print Name

Richard A. Cason

I certify that the altimeter and static system test required by 14CFR, part 91.411 have been performed. The altimeter was tested to 20,000 feet altitude reporting encoder was tested to 20,000 feet.

I certify that the Transponder Model No. 60074 S/N 2843684 was installed in this aircraft has been tested, inspected and found to comply with the requirements of 14CFR 91.413 as outlined in 14 CFR 43 appendix E.

INSTRUCTIONS: Fill out in accordance with 14CFR part 43 Appendix E, 14CFR part 91.411 and 14CFR 91.413

Gann Aviation, Inc.
114 Gasque Drive
Lafayette, GA 30728
Certified Repair Station No. GHRB40X
Form Rev G11.413 on
1e IAW

Ince

S/N80U13403

Signature:

Richard A. Cason AP260136515IA *****END*****

itch

Registration No. _____

Certificate No. _____

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 09-01-20 N Number: 514C Make and Model: Piper PA28-181

S/N: 2843684 Tach: 513.9 Hobbs: 588.6 TT: 513.9

Completed an annual inspection in accordance with CFR part 43, Appendix E and Piper

PA28-181 Inspection Checklist. Inspected ME 406 ELT P/N 453-6603 S/N 197-04414

per CFR 91.207(d). Found satisfactory. **ELT battery expires Sept, 2023.** Inspected

Donaldson induction air filter. Cleaned screens in fuel strainer and boost pump.

Lubricated all control surface hinges and rod end bearings. Minimum brake disk

thickness = .205. It= .219 rt= .218. Cleaned, inspected, and lubricated wheel bearings.

Vacuum filters cleaned. Checked AD notes and found aircraft to be in compliance with

all applicable AD notes through Tdata 2020-16.

I certify that this aircraft has been inspected in accordance with an **annual** inspection and

was found to be in an airworthy condition.

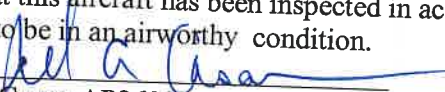
Signature: Richard A. Cason
Richard A. Cason AP260136515IA *****END*****

AIRCRAFT LOG

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

Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 10-01-21 N Number: 514C Make and Model: Piper PA28-181
 S/N: 2843684 Tach: 570.3 Hobbs: 654.4 TT: 570.3
 Completed an annual inspection in accordance with CFR part 43, Appendix E and Piper PA28-181 Inspection Checklist. Inspected ME 406 ELT P/N 453-6603 S/N 197-04414 per CFR 91.207(d). Found satisfactory. **ELT battery expires Sept, 2023.** Inspected Donaldson induction air filter. Cleaned screens in fuel strainer and boost pump. Lubricated all control surface hinges and rod end bearings. Minimum brake disk thickness = .205. It= .218 rt= .217. Cleaned, inspected, and lubricated wheel bearings. Installed new Michelin 6.00-6 6PLY Tires with new Michelin Tubes on Left and Right Main gear. Vacuum filters cleaned. Checked AD notes and found aircraft to be in compliance with all applicable AD notes through Tdata 2021-18.
 I certify that this aircraft has been inspected in accordance with an **annual** inspection and was found to be in an airworthy condition.
 Signature: 
 Richard A. Cason AP260136515IA*****END*****

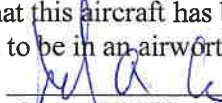
Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
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Gann Aviation, Inc.

Aircraft Logbook Entry

Date: 11-02-22 N Number: 514C Make and Model: Piper PA28-181
 S/N: 2843684 Tach: 643.0 Hobbs: 732.8 TT: 643.0
 Completed an annual inspection in accordance with CFR part 43, Appendix E and Piper PA28-181 Inspection Checklist. Inspected ME 406 ELT P/N 453-6603 S/N 197-04414 per CFR 91.207(d). Found satisfactory. **ELT battery expires Sept, 2023.** Inspected Donaldson induction air filter. Cleaned screens in fuel strainer and boost pump. Lubricated all control surface hinges and rod end bearings. Minimum brake disk thickness = .205. It= .218 rt= .217. Cleaned, inspected, and lubricated wheel bearings. Vacuum filters cleaned. Checked AD notes and found aircraft to be in compliance with all applicable AD notes through Tdata 2022-20.
 I certify that this aircraft has been inspected in accordance with an **annual** inspection and was found to be in an airworthy condition.
 Signature: 
 Richard A. Cason AP260136515IA*****END*****

Airframe Log Book

Date: 13 July 2023




Reg No: N514C	Aircraft type: PA-28-181	Aircraft S/N: 2843684
Tach: 691.8	Hobbs: 781.6	Aircraft Total Time: 691.8

1. C/W AD 2018-07-03 by inspecting fuel selector placard is correct.
2. C/W AD 2016-07-21 Inspected RH wing rib at WS 140.9. No discrepancies noted.
3. Flushed and bled brakes

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: 13 JULY 2023

Signed: _____


Aaron J. Adams AP 4817478

STBY ALTIMETER SCALE CORRECTION CARD

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
14000	14000	14000	14000
13000	13000	13000	13000
12000	12000	12000	12000
11000	11000	11000	11000
10000	10000	10000	10000
9000	9000	9000	9000
8000	8000	8000	8000
7000	7000	7000	7000
6000	6000	6000	6000
5000	5000	5000	5000
4000	4000	4000	4000
3000	3000	3000	3000
2000	2000	2000	2000
1000	1000	1000	1000
0	0	0	0
10000	10000	10000	10000
11000	11000	11000	11000
12000	12000	12000	12000
13000	13000	13000	13000
14000	14000	14000	14000

N#N514C

Date: 12/JUL/2023

Thoroughbred Aviation Maintenance, Inc.

4316 Hangar Drive

Lexington, KY 40510

FAA CRS # R81R199Y



AIRCRAFT LOG

Date	Aircraft Time	Recorder
	Reg No: <u>N514C</u> Aircraft: <u>Piper PA28-181</u>	
	Serial No: <u>2843684</u> Work Order: <u>235160</u>	
	I HEREBY CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 WAS PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR 43, APPENDIX E.	
	G500 ALTIMETER TESTED TO <u>20,000</u> FEET	
	STBY ALTIMETER TESTED TO <u>20,000</u> FEET	
	ENCODER TESTED TO <u>20,000</u> FEET	
	SYSTEM TEST DATE: <u>12/JUL/2023</u>	
	I HEREBY CERTIFY THAT THE ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 WAS PERFORMED THIS DATE AND FOUND TO COMPLY WITH FAR 43, APPENDIX F.	
	MAKE: <u>GARMIN</u> MODEL: <u>GTX345</u> SERIAL NO: <u>3EG006739</u>	
	SYSTEM TEST DATE: <u>12/JUL/2023</u>	
	TESTED BY <u>David Bledsoe</u> # <u>4515132</u>	
	Thoroughbred Aviation Maintenance 4316 Hangar Dr. Lexington, KY 40510 FAA CRS #R81R199Y	
Total To Carry Forward		

G500 ALTIMETER SCALE CORRECTION CARD

REFERENCE ALTITUDE IN FT.	ALTIMETER READS	REFERENCE ALTITUDE IN FT.	ALTIMETER READS
1000	1000	1000	1000
0	0	1000	1000
500	500	1500	1500
1000	1000	2000	2000
1500	1500	2500	2500
2000	2000	3000	3000
3000	3000	3500	3500
4000	4000	4000	4000
6000	6000	4500	4500
8000	8000	5000	5000
10000	10000		
12000	12000		

Tested By: David Bledsoe

N#N514C

Date: 12/JUL/2023

Thoroughbred Aviation Maintenance, Inc.