

AIRCRAFT LOGBOOK ENTRY

N29073 PA28-236 S/N 28- 7911170 WO# 9345

YEAR

05/02/13

DATE

Completed annual inspection using manufacturer's checklist as a guide. Serviced battery, struts, brakes and tires. Checked lights and electrical systems. Checked cable tensions **TACH: 1755** and control travels. Lubed gear, wheel bearings, hinges, and rod ends. Cleaned fuel strainer and electric fuel pump screen. Serviced brake reservoir. Inspected stabilator attach brackets per **SB 856**. Complied with ELT inspection per FAR 91.207(d). Performed on-line Cobham ELT satellite test, satisfactory -see attached certificate. ELT battery expiration date **July 2013**. Inspected primary and standby vacuum pumps for vane wear IAW Tempest **SL-004**. Both well within limits. Replaced #4 EGT probe P/N M-111. Replaced loose rivets in left mag cooling blast tube. Repaired right front baffle brace. Replaced 2 post light lamps. Replaced both main tires & tubes with new Condor 6.00 X 6 6PR tires and Michelin Air Stop tubes. Stop drilled crack on right wingtip. Repaired baffle attach tabs on #2 & 4 cylinder baffles. Removed alternator for 500 hour inspection and reinstalled, see 8130-3. Replaced Zeftronics ACU **R15VOL** with new, S/N **10N225**.

AD 84-26-02 Paper Induction Air Filters P/C/W by replacement. next replacement due at ACTT 2194 hours.

AD 76-07-12 Bendix Ignition Switch Check complied with at run up, OK Next check due Tach: 1855 hrs.

AD 2005-12-16 Bendix Impulse Coupling Inspection P/C/W by inspection by Aircraft Systems. Next inspection due ACTT 2244 hrs

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AIRCRAFT LOGBOOK ENTRY

N29073

PA28-236

S/N 28- 7911170

WO# 9345

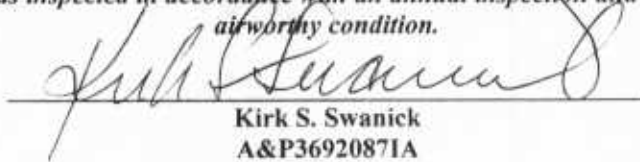
continued

AD 2013-02-13 Stabilator Control System complied with IAW Piper SB 1245 and found airworthy at this time. Next inspection due ACTT 3755 hrs

Complied with Piper SB 1244 Aft Wing Spar attach fitting inspection/treatment by inspection, cleaning and treating using epoxy primer and Dinitrol.

Complied with Piper SB 1141 concerning gascolator safety wiring.

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



Kirk S. Swanick
A&P36920871A

for:

Waukegan Aviation Services, Inc.
Waukegan, IL

repair

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
	09/03/13			<p style="text-align: center;">AIRCRAFT LOGBOOK ENTRY</p> <p>N29073 PA28-236 S/N 28- 7911170 WO# 9449</p> <p>Replaced rotating beacon lamp P/N GE1940. Operational checked OK.</p> <p>TACH: 1805 1805</p> <p style="text-align: center;"><i>With respect to the work performed, this aircraft is approved for return to service.</i></p> <div style="text-align: center; border-top: 1px solid black; padding-top: 5px;"> <p>Anthony James Kwiatkowski A&P3680390 for: Waukegan Aviation Services, Inc. Waukegan, IL</p> </div>

YEAR:	REC TACH TIME
DATE	

N29073
06/12/13
TACH
ACTT:
screen.
inspect
battery
AD 84-
hours.
AD 76-
hrs.
AD 200
inspect

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

AIRCRAFT LOGBOOK ENTRY

N29073 PA28-236 S/N 28- 7911170 WO# 9644
06/12/14 Completed annual inspection using manufacturer's checklist as a guide. Serviced battery, struts, brakes and tires. Checked lights and electrical systems.
TACH: 1829.2
ACTT: 1829.2 Lubed gear, hinges, and rod ends . Cleaned fuel strainer and replaced electric fuel pump screen. Serviced brake reservoir. Inspected stabilator attach brackets per **SB 856**. Complied with ELT inspection per FAR 91.207(d). Performed on-line Cobham ELT satellite test, satisfactory. Replaced ELT battery expiration date **05/21**. Replaced outboard brake linings both brakes. Tested standby vacuum pump.
AD 84-26-02 Paper Induction Air Filters P/C/W by replacement. *next replacement due at ACTT 2194 hours.*
AD 76-07-12 Bendix Ignition Switch Check complied with at run up, OK *Next check due Tach: 1929 hrs.*
AD 2005-12-16 Bendix Impulse Coupling Inspection P/C/W by inspection by Aircraft Systems. *Next inspection due ACTT 2244 hrs*

continued

2013-02-13	To prevent failure of the horizontal stabilator control system and could result in loss of pitch control	04/09/13	Com
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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N 2907

I certify that FAR 91.41

The altimeter

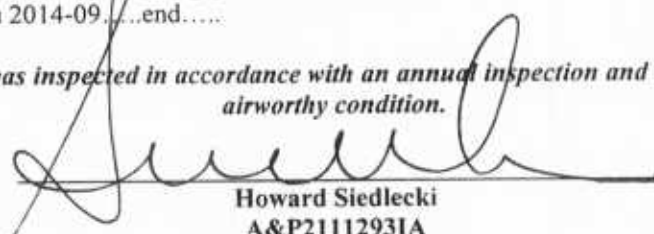
was tested

The ATC FAR 91.41

Model G

Signed [Signature]

For

AIRCRAFT LOGBOOK ENTRY			
N29073	PA28-236	S/N 28- 7911170	WO# 9644
<i>continued</i>			
AD 2013-02-13 Stabilator Control System. <u>Next inspection due ACTT 3755 hrs</u>			
Complied with Piper SB 1141 concerning gascolator safety wiring.			
AD status checked thru 2014-09.....end.....			
<p><i>I certify this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition.</i></p>  <p>Howard Siedlecki A&P2111293IA for: Waukegan Aviation Services, Inc. Waukegan, IL 847-336-6075</p>			

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N 29073

ions, Tests, Repairs and Alterations

(with Name, Rating and Certificate Number of Technician or Repair
other specific entries.)

I certify that the Altimeter and Static System tests, as required by
FAR 91.411, Paragraphs A, B, and C, have been performed.

The altimeter P/N 5934PD-1 S/N P4253

was tested to 20,000 feet on 6/9/14

The ATC Transponder Test and Inspection, as required by
FAR 91.413, IAW FAR 43, Appendix F, have been performed.

Model GTX 330 S/N 84100210

Signed Steve Goodwin Date 6/9/14

For Waukegan Avionics CRS #WOCR619K
Waukegan, Illinois 847-336-6075

WAUKEGAN AVIONICS, INC.
 WAUKEGAN IL 60087 CRS W0GR418K

TABLE 1			TABLE 2			TABLE 4				TABLE 3			
SCALE	TOL	IND	TEST TOLERANCES		TOL	IND	PRESS	HG IND	TOL DIFF	FRICTION			
ALT	TOL	IND	CASE LEAK	TOL	IND	35	28.10	-1727	25	-1730	1000	70	30
-1000	20	-11		100			28.50	-1340	25	-1350	2000	70	40
0	20	-18					29.00	-863	25	-850	3000	70	40
500	20	-18	HYSTERISIS				29.50	-392	25	-400	5000	70	45
1000	20	-3	1st TEST POINT	75		20	29.92	0	25	0	10000	80	45
1500	20	-13	(50% MAX ALT)				30.50	531	25	530	15000	90	50
2000	30	-6	2nd TEST POINT	75		15	30.90	893	25	890	20000	100	80
3000	30	-10	(40% MAX ALT)				30.99	974	25	970	25000	120	
4000	35	-18									30000	140	
6000	40	-7	AFTER EFFECT	30		10					35000	160	
8000	80	-18									40000	180	
10000	80	-27									50000	250	
12000	90	-25	ALTIMETER TESTED TO 20000			Feet							
14000	100	-48	DATE TESTED			6/9/2014							
16000	110	-54	AIRCRAFT N NUMBER			N29073							
18000	120	-54	CUSTOMER			Mark Tennison							
20000	130	-44	SERVICE ORDER #			13990							
22000	140		ALTIMETER P/N			5934PD-1							
15000	155		ALTIMETER S/N			P4253							
30000	180		ADC/ENCODER P/N			AR-850							
35000	205		ADC/ENCODER S/N			16618							
40000	230		TRANSPONDER MODEL			GTX 330							
45000	255		TRANSPONDER S/N			84100210							
50000	280		Tested in compliance with FAR Part 43, Appendix E.										
53000	295		Authorized Signature			<i>Steve Goodie</i>							

Repairs and Alterations

(List and Certicate Number of Technician or Repair entries.)

YEAR:	REC TAC TIM

YEAR:	REC TAC TIM
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Service Software for co

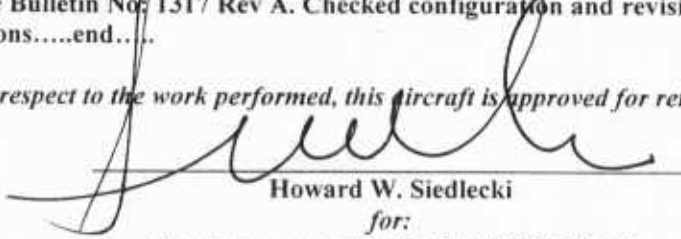
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
_____	_____	_____	_____	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

AIRCRAFT LOGBOOK ENTRY

N29073 Make: Piper Model: PA28-236 S/N: 7911170 WO#9799 Date: 7/16/2015
TR 1889.3

Updated software in GN430W, p/n 011-01060-45, s/n 96308903, per Garmin Software Service Bulletins No. 1461, Rev-A, to Main version 5.20, and GPS Software to 5.0 per Garmin Software Service Bulletin No. 1317 Rev A. Checked configuration and revision pages in GNS 430W for correct versions.....end.....

With respect to the work performed, this aircraft is approved for return to service.



Howard W. Siedlecki

for:

Waukegan Avionics C.R.S # WOGR619K
Waukegan, IL
847-336-6075

AIRCRAFT LOGBOOK ENTRY

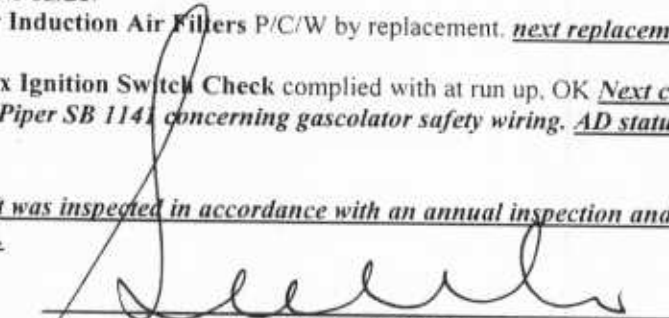
N29073 PA28-236 S/N 28- 7911170 WO# 9799 7/16/2015
TR: 1889.3 TTA: 1889.3

Serviced battery, struts, brakes and tires. Checked lights and electrical systems. Lubed gear, hinges, and rod ends. Cleaned fuel strainer and replaced electric fuel pump screen. Serviced brake reservoir. Complied with ELT inspection per FAR 91.207(d). Performed on-line Cobham ELT satellite test, satisfactory. ELT battery expiration date 05/21.

AD 84-26-02 Paper Induction Air Filters P/C/W by replacement. next replacement due at TT 2389.3 hours.

AD 76-07-12 Bendix Ignition Switch Check complied with at run up, OK Next check due Tach: 1989.3 hrs. Complied with Piper SB 1141 concerning gascolator safety wiring. AD status checked thru 2015-12.....end.....

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


Howard Siedlecki
A&P21112931A
for:
Waukegan Aviation Services, Inc
847-336-6075

YEAR: 2015
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Signed

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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YEAR:	RECORDING TACH TIME
DATE	

DATE		WAUKEGAN AVIONICS, INC. WAUKEGAN ILL. 60087 CRS W0GR619K				N29073 7/20/2016	
TABLE 1		TABLE 2		TABLE 4		TABLE 3	
SCALE ERROR	TEST TOLERANCES	PRESSURE ALT. DIFF.		FRICTION			
ALT TOL IND	TOL IND	PRESS	HG IND	TOL DIFF	ALT	TOL IND	
-1000 20 -11	CASE LEAK 100 Z	28 10	-1727 25 -2		1000	70 50	
500 20 -6	HYSTERESIS	28 50	-1340 25 0		2000	70 50	
1000 20 -7	1st TEST POINT 75 35	29 00	-863 25 -3		3000	70 50	
1500 20 -7	(50% MAX ALT)	29 50	-392 25 3		5000	70 55	
2000 30 -10	2nd TEST POINT 75 35	29 92	0 25 0		10000	80 60	
3000 30 -10	(40% MAX ALT)	30 50	531 25 4		15000	90 65	
4000 35 -11	AFTER EFFECT 30 1	30 90	893 25 7		20000	100 65	
8000 40 -13		30 99	974 25 8		25000	120	
8000 80 -21					30000	140	
10000 80 -24					35000	160	
12000 90 -37	ALTIMETER TESTED TO 20000 Feet				40000	180	
14000 100 -54	DATE TESTED 7/20/2016				50000	250	
15000 110 -52	AIRCRAFT N NUMBER N29073						
18000 120 -50	CUSTOMER Mark Tennison						
20000 130 -39	SERVICE ORDER # 14117/0939						
22000 140	ALTIMETER P/N 5934PD-1						
15000 155	ALTIMETER S/N P4253						
30000 180	ADC/ENCODER P/N AR-850						
35000 205	ADC/ENCODER S/N 16618						
40000 230	TRANSPONDER MODEL GTX330						
45000 255	TRANSPONDER S/N 84100210						
50000 280	Tested in compliance with FAR Part 43, Appendix E						
53000 295	Authorized Signature <i>Chadley B. Johnson</i>						
55000 305							

N2907

Bulletin version

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of inspections, tests, repairs and alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRCRAFT LOGBOOK ENTRY

Date: 06/13/2016

N29073 Make: Piper Model: PA-28-236 S/N: 28-7911170 HM: 2153.8

Updated software in GNS430W, p/n 011-01060-45, s/n 96308903, per Garmin Software Service Bulletin No. 1606, Rev A, Main Software 5.30. Checked configuration and revision pages for correct versions.....end.....

With respect to the work performed, this aircraft is approved for return to service.



Chadly B Jensen

for:

Waukegan Avionics C.R.S # WOGR619K
Waukegan, IL
847-336-6075

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRCRAFT LOGBOOK ENTRY

Date: 7/20/2016

N29073 Make: Piper Model: PA-28-236 S/N: 28-7911170 TR: 1935.8 WO: 9939

Replaced U-Joints, p/n 90253-00, in Sandel SN3308-00-BL, s/n 2976, in accordance with Component Maintenance Manual Document Number 82001-0133, Revision A, July 15, 2009. Function Test O.K.

With respect to the work performed, this aircraft is approved for return to service.

Chadly B. Jensen

Chadly Jensen

for:

Waukegan Avionics C.R.S # WOG619K

Waukegan, IL

847-336-6075

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AIRCRAFT LOGBOOK ENTRY

N29073 PA28-236 S/N 28- 7911170 WO# 9948

TR: 1889.3 TTA: 1889.3

8/5/2016

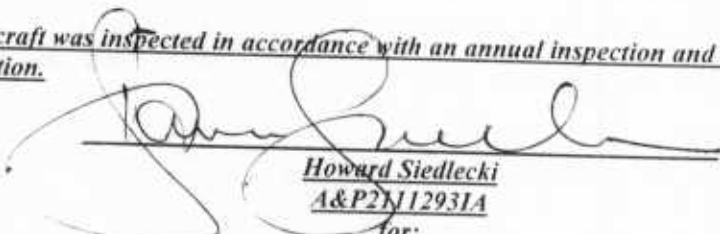
pair

Serviced battery, struts, brakes and tires. Checked lights and electrical systems. Lubed gear, hinges, and rod ends. Serviced co-pilots' brake master cylinders with new MS28775-110/113 o-rings and bled brakes, leak and operational check good. Cleaned fuel strainer and replaced electric fuel pump screen. Complied with ELT inspection per FAR 91.207(d). Performed on-line ELT satellite test, satisfactory. ELT battery expiration date 05/21.

AD 84-26-02 Paper Induction Air Filters P/C/W by replacement. next replacement due at TT 2389.3 hours.

AD 76-07-12 Bendix Ignition Switch Check complied with at run up, OK Next check due Tach: 1989.3 hrs. Complied with Piper SB 1141 concerning gascolator safety wiring. AD status checked thru 2015-12.....end.....

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



Howard Siedlecki

A&P2112931A

for:

Waukegan Aviation Services, Inc

847-336-6075

EAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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AIRCRAFT LOGBOOK ENTRY

Date: 2/13/2017

N29073 Make: Piper Model: PA28-236 S/N: 28-7911170 TR: 1950.4 WO: 1022
 Replaced Nav antenna with new CI-157P VOR GS V Dipole antenna. Checked
 operation....end....

With respect to the work performed, this aircraft is approved for return to service.

Chadly Jensen

Chadly Jensen

for:

Waukegan Avionics C.R.S # WOG619K
 Waukegan, IL
 847-336-6075

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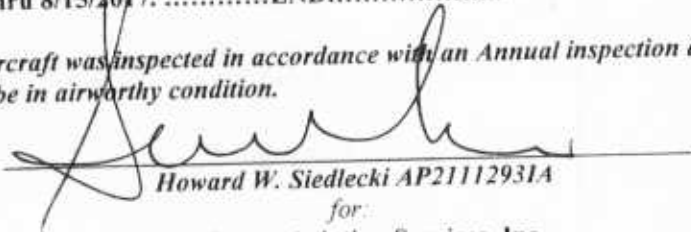
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AIRCRAFT LOGBOOK ENTRY

N29073 PIPER PA28-236 S/N: 28-7911170 TACH: 1964.1 TTAF: 2253.1 WO# 1080
 8/18/2017

Completed Annual inspection using manufacturers' checklist as a guide. Serviced battery and checked electrical system and lights. Inspect and re-pack all wheel bearings. Checked brakes. Lubed rod ends, hinges and bearings. Drained fuel sumps and fuel strainer and checked for contaminates. Inspected Artex 406 MHz ELT per FAR 91.207(d). Conducted online ELT test. Batteries due 5/2021.
 AD 84-26-02 Paper induction filter PCW, next replacement due 2389.3 tach.
 AD 76-07-12 Bendix ignition switch check complied with at run-up, next due 2064 tach.
 AD 2013-02-13 Stabilator control system check next due ACTT 3755 hrs.
 AD 2005-12-16 Bendix impulse coupling inspection next due ACTT 2351.3 hrs.
 AD status checked thru 8/15/2017.END.....

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



Howard W. Siedlecki AP21112931A
 for:
 Waukegan Aviation Services, Inc.
 Waukegan IL
 847-336-6075

Repair

2013-02-13	To prevent failure of the horizontal stabilator control system and could result in loss of pitch control	04/09/13	route Com
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YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE	WAUKEGAN AVIONICS, INC. WAUKEGAN IL 60067 CRS W0GR619K				N29073 8/31/2018		
	TABLE 1 SCALE ERROR		TABLE 2 TEST TOLERANCES		TABLE 4 PRESSURE ALT DIFF		
	ALT TOL	IND	TOL	IND	PRESS	HG IND TOL DIFF	
	-1000 20 8		CASE LEAK 100	2	28.10	-1727 25 3	
	500 20 7		HYSTERESIS		28.50	-1340 25 5	
	1000 20 9		1st TEST POINT	75 12	29.00	-863 25 3	
	1500 20 10		(50% MAX ALT)		29.50	-392 25 3	
	2000 30 9		2nd TEST POINT	75 10	29.92	0 25 3	
	3000 30 9		(40% MAX ALT)		30.50	531 25 1	
	4000 35 11		AFTER EFFECT	30 6	30.90	893 25 2	
	6000 40 16				30.99	974 25 2	
	8000 80 19						
	10000 80 25						
	12000 90 27		ALTIMETER TESTED TO	20000 Feet			
	14000 100 47		DATE TESTED	8/31/2018			
	18000 110 55		AIRCRAFT N NUMBER	N29073			
	18000 120 61		CUSTOMER	Mark Tennison			
	20000 130 58		SERVICE ORDER #	14240		PILOT SYSTEM X	
	22000 140		ALTIMETER P/N	5934PD-1		COPILOT SYS	
	15000 155		ALTIMETER S/N	P4253		STANDBY SYS	
	30000 160		ADC/ENCODER P/N	AR-850			
	35000 205		ADC/ENCODER S/N	16618			
	40000 230		TRANSPONDER MODEL	GTX330			
	45000 255		TRANSPONDER S/N	84100210			
	50000 280		Tested in compliance with FAR Part 43, Appendix E				
	53000 295		Authorized Signature	<i>Chelly Jansen</i>			
	55000 305						

2013-02-13	To prevent failure of the horizontal stabilator control system and could result in loss of pitch control	04/09/13	routh Com
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YEAR:

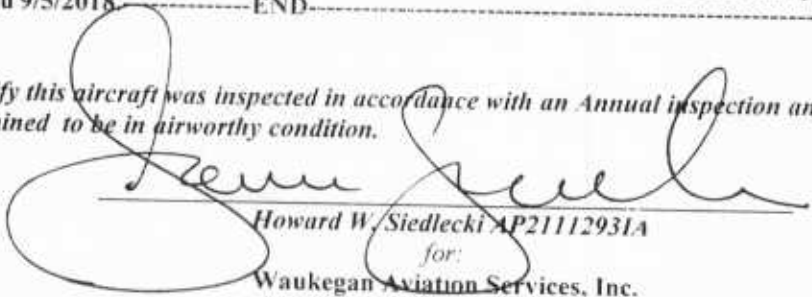
DATE

AIRCRAFT LOGBOOK ENTRY

N29073 PIPER PA28-236 S/N: 28-7911170 TACH: 2011.2 TTAF: 2271.2 WO# 1186
9/5/2018

Completed Annual inspection. Checked electrical system and lights. Checked and serviced tires. Checked brakes. Replaced brake linings, P/N: 066-10500. Replaced brake caliper o-rings, P/N: MS28775-222 and bled system. Checked flight controls. Lubed rod ends, hinges and bearings. Drained fuel sumps and fuel strainer and checked for contaminates, non found. Inspected ELT per FAR 91.207(d). Battery due 5/2021. Perform on-line ELT test. ELT detected and passed. AD status checked thru 9/5/2018. -----END-----

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



Howard W. Siedlecki AP21112931A

for:

Waukegan Aviation Services, Inc.

Waukegan IL

847-336-6075

YEAR:

DATE

REC
TACH
TIME