

#2

AIRCRAFT LOG
AF5-1

Tach Time 0122.74 Hrs. Owner Signature _____

Aircraft Log

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

MANUFACTURER Piper MODEL PA28-140 DATE OF MFG. 5/1/74

SERIAL NUMBER 28-7425362 REGISTRATION NUMBER N43348

REGISTERED OWNER _____
 STREET ADDRESS _____
 CITY, STATE, ZIP _____
 OPERATOR _____
 STREET ADDRESS _____
 CITY, STATE, ZIP _____
 REGISTERED OWNER _____
 STREET ADDRESS _____
 CITY, STATE, ZIP _____
 OPERATOR _____
 STREET ADDRESS _____
 CITY, STATE, ZIP _____

Inspection Status (Check one)

- ☐ F.A.R. 91.409 ANNUAL/100 HOUR
- ☐ F.A.R. 91.409 PROGRESSIVE
- ☐ F.A.R. 135.419 A.T.C.O.
- ☐ OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY _____

13a. Certifies the items identified above were manufactured in conformity to:
 QUALITY AIRCRAFT/ACCESSORIES
☒ Approved design data and are in a condition for safe operation.

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Date 12-1-09 Trek: 2634.5		R
ENGINE			L
PROPELLER			R
PROPELLER			L
ENGINE	Lubricated pulleys, rod-ends, wheel-bearings, flap-bearings, flight-controls, hinges, landing-gear tongue-links, bell-cranks, chains, control-pedals. Installed new bearings and races in nose wheel. Installed new tire on nose wheel. Installed new brake linings on RH brake. Repaired 2 cracks in top cowling as necessary, cleaned, treated, primed, painted floor around battery box. Serviced all tires with air. Serviced brake reservoir with fluid. ELT tested as per FAR 91.207 par. D. Installed new vac. regulator filter. Installed new bracket filter BP3.		
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			
ENGINE	Date: 12 / 1 / 09 Total Time: 2634.5		
ENGINE	I certify that this Aircraft / Engine / Propeller		
PROPELLER	has been inspected in accordance with a 100		
PROPELLER	hr / annual inspection and was determined to		
	be in airworthy condition at this time.		
	By: <u>Peter Jackson</u> A&P 4290697361A		

13a. Certifies the items listed above were manufactured in conformity with the approved design data and are in a condition for safe operation.

Approved design data are specified in Block 12.

QUALITY ASSURANCE

no part of this report shall be used for any purpose other than that for which it was prepared.

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.	DATE
ENGINE	12-8-09 Installed STC SA01944C.H		R	
ENGINE			R	
PROPELLER			L	
PROPELLER	use of engine gas			
	Pick Johnson AXP 429069236			
ENGINE				
ENGINE				
PROPELLER				
PROPELLER				
ENGINE				
ENGINE				
PROPELLER				
PROPELLER				
ENGINE				
ENGINE				
PROPELLER				
PROPELLER				
ENGINE				
ENGINE				
PROPELLER				
PROPELLER				

NO.

DATE

DESCRIPTION OF ALTERATION

RG Davis Aviation Company Inc.

AIRFRAME LOG

MAKE PIPER

MODEL PA28-140

N 43348

SN 28-7425362

TACH 3119.3

TOTAL 3119.3

DATE 08/13/2011

A 100 hour/Annual inspection completed this date in accordance with FAR 43 Appendix D. Complied with all current and recurring ADs(see AD Compliance Record). Inspect and lube as required, pulleys, cables, fairleads, hinges, bearings, and push-pulls. Tested ELT in accordance with FAR 91.207 (D). ELT battery good to March, 2013. Service and charge aircraft battery. During compression test discovered the #4 cylinder had low compression(15/80). Staked exhaust valve. Compression did not come up. Removed cylinder(ECI-S/N AEL85099-IR). Ordered serviceable cylinder from Brown Aviation (Lycoming P/N LW 12417). Cleaned and removed all carbon from piston. Polished piston pin and pin caps. Ground intake and exhaust valves. Hand lapped valves to seats. Installed serviceable cylinder utilizing one new single cylinder ring set(P/N SL5401-SC), one new guide(P/N SL74230A), one new rocker shaft(P/N SL13790A), and one new single cylinder gasket set(P/N AEL12032-SC). Removed and replaced oil(7qts Aeroshell W100 Plus) and oil filter(P/N AA 48110-2). Removed spark plugs. Plugs were severely rusted. Cleaned and sand-blasted plugs. Chrome painted plugs. Gapped, tested, and reinstalled plugs. Pressure tested exhaust system. Found exhaust gaskets leaking at cylinders. Removed and replaced gaskets(4ea P/N 77611). Primer handle was loose. Removed tach to access back nut on handle. Tightened nut and reinstalled tach. Removed and replaced air filter(P/N BA-3). Battery box was corroded. Removed battery box. Removed corrosion from box and aircraft. Primed box and small area on aircraft. Painted and reinstalled box. Spinner bracket was broken. Removed old bracket. Fabricated new bracket and installed on aircraft. Right main strut had patch of rust. Removed rust from strut. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE AT THIS TIME.

R. Davis AP 2065892 IA

Owner Signature

Hrs.

Tach Time 3122.74

Hrs.

MAJOR ALTERATIONS

DATE	DESCRIPTION OF ALTERATION	NAME OF PART
9-3-11	Oil change and new filter 8qts Exxon Elite 20/50	
3168.9	James Hamric 900863911	
10-23-11	Inspected hoses/clamps on air intake/heater	
3188.3	clean battery post + battery box. installed dimes and checked wheel bearings. checked and lubricated all hinges on control surfaces. greased landing gear and flaps	
12-11-11	oil and filter change 8qts of Exxon Elite 20/50	
3197.2	checked all clamps on engine. checked brakes and clamps	
	James Hamric 900861371	
2-14-2012	Replaced O-rings in Right brake master cylinder	
TACH 2285.3	on pilot side. to MS2827K-012 #19113 & serviced brake with 5606 hydraulic fluid. All work done I & a Piper service instruction. This aircraft is OK for return to service in regard to work performed. Check #48665781 AEP. Wash Ditch, Shelbyville, TN.	
2-14-2012	Installed Spiner Bulkhead STC 5A00125 AT TAW	
CANC 2185.3	with TCB component Dec TCB 0100 Rev. NC Date 1-15-2004	
	The aircraft is ok for return to service Check #48665781 AEP	

NAME OF PART

April 9, 2012
Time: 2794.1

McCauley Aviation, Inc.
4432 Airport Road
Springfield, TN 37172

N43348

CY NO.

1. Replaced left tire with a new Connor 600 x 6, 6ply tire.

David Bliss

David Bliss A&P 3456094

May 7, 2012
Tach: 2805.2
AF TT 2805.2

McCauley Aviation, Inc.
4432 Airport Road
Springfield, TN 37172

N43348
PA-26-140
s/n 26-7423362

1. Complied with an Annual Inspection in accordance with 14 CFR (FAR) 43 Appendix D and in reference to Piper PA-26 service manual.
 2. Complied with AD's 69-22, 32 Control Wheels, 95-26-13 Oil Hoses, 76-117-11 Bendix switch, through bi-weekly 2012-09.
 3. Tested ELT in accordance with 14 CFR (FAR) 91.207(d), batteries due March 2016.
 4. Replaced BAS induction and B3-5-1 vacuum filters.
 5. Removed Loran, mounting tray and wiring. (see Weight and Balance change)
 6. Engine run up and leak checked. All systems satisfactory.
- I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

David Bliss

David Bliss A&P 3456094

Owner Signature

Hrs.

3122.74

Tach Time

AW
04
578 LRP

June 22, 2012

McCauley Aviation, Inc.
4432 Airport Road
Springfield, TN 37172

N43348

AGENCY
CERT. NO.

NAME OF
PART

1. Replaced compass with a new PAI-700 vertical card compass with the PACMO-PIPER-N mount.
2. Performend a compass swing and created a compensation card.
3. Replaced landing light with a new PLED1L.

David Bliss ARP 3456094

4432 AIRPORT
SPRINGFIELD

June 29, 2012

All mainten
Removed th
P/N 011- 00
a new Trans
manufacture
I certify that
The altimeter
has been tes
I certify the A
to comply wi
The Mainten
federal aviati
Pertinent det

Signed _____
For HA

PRECISION AVIATION, INC.

8124 Lockheed, Houston, Texas 77061 - (713) 644-7383

TEST & INSPECTION

FUNCTIONAL TEST

TI-1

PAI-700 SERIAL NO. 78406
DATE MAY 07 2012

PAI
7
INSP.
MECHANIC

INT.
MECH.
INSP.

FINAL
OPER.
INSP.

PAI
3
INSP.
DIRECTOR

STOCK:

BY _____ DATE _____
SHIPMENT:

BY _____ DATE _____
CUSTOMER:

OPERATING LIMITS
LEVEL FLIGHT
20° BANK L & R
20° DIVE
20° CLIMB
COMPENSATION
EAST - WEST
NORTH - SOUTH
SCALE ERROR
FRICTION
DAMPING
HEELING ERROR
COMMENTS _____

OK ☒ REJECT ☐
OK ☒ REJECT ☐
OK ☒ REJECT ☐
OK ☒ REJECT ☐

R 29 L 31
R 31 L 30

OK ☒ REJECT ☐
OK ☒ REJECT ☐
OK ☒ REJECT ☐
R 0 L 4

AGENCY
CERT. NO.NAME OF
PARTPART
NUMBERSERIAL
NUMBERINSTALLATION
DATE/HOURSTIME ON PART
AT INSTALLLIFE LIMIT
OR T.B.O.REMOVAL
DATE/HOURSAGENCY
CERT. NO.**HARRISON****Avionics**4432 AIRPORT ROAD
SPRINGFIELD, TN 37172N43348
S/N 28-7425362ACTT
Hobbs 3289.5

June 29, 2012

All maintenance performed in accordance with applicable sections of manufacturer's maintenance manuals. Removed the defective Transponder KT-76 P/N 066-1034-00 S/N 12401. Installed a new GTX-327 Transponder P/N 011-00490-00 S/N 83745026. Also removed the defective ACK blind encoder P/N A-30 S/N 33999 and installed a new Transcal Blind Encoder P/N SSD120-30N S/N N17487. Performed operation ground checks I.A.W. manufacturers installation manuals. Weight change was negligible.

I certify that the altimeter and static system tests and inspection required by FAR 91.411 have been performed. The altimeter(s) per para (a) and (b) App E of Part 43. LH Make UNITED INSTRUMENTS Model 5932 S/N 46717 has been tested to 20,000 feet. Altitude reporting system tested to 20,000 ft. per para (C) App E Part 43. I certify the ATC transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with appendix F of Part 43, # 1 Make GARMIN Model GTX-327 S/N 83745026. The Maintenance and/or component identified above was repaired and inspected in accordance with current federal aviation regulations and was found airworthy and is approved for return to service for work performed. Pertinent details of the repairs are on file at this Agency under Work Order Number 1186.

Signed

For HARRISON AVIONICS, Springfield, TN 37172 CRS 1H9R825B

**HARRISON****Avionics**FAA R.S.# 1H9R825B, 4432 AIRPORT RD SPRINGFIELD TN. 37172
TAIL NUMBER N43348

DATE: 6/29/2012

W.O.# 1186

ALTIMETER SCALE ERROR TEST

TEST ALT	READING	TOLERANCE
-1,000	-15	+/- 20 FT
0	0	+/- 20 FT
500	0	+/- 20 FT
1,000	-5	+/- 20 FT
1,500	-5	+/- 20 FT
2,000	10	+/- 20 FT
3,000	5	+/- 25 FT
4,000	5	+/- 30 FT
5,000	5	+/- 30 FT
6,000	5	+/- 35 FT
8,000	-15	+/- 40 FT
10,000	-30	+/- 60 FT
12,000	-40	+/- 80 FT
14,000	-50	+/- 90 FT
16,000	-40	+/- 100 FT
18,000	-60	+/- 110 FT
20,000	-60	+/- 120 FT
22,000		+/- 130 FT
25,000		+/- 140 FT
30,000		+/- 155 FT
35,000		+/- 180 FT
40,000		+/- 205 FT
45,000		+/- 230 FT
50,000		+/- 255 FT
		+/- 280 FT

FRICTION TEST

TEST ALT	READING	TOLERANCE
1,000	20	+/- 70 FT
2,000	20	+/- 70 FT
3,000	30	+/- 70 FT
5,000	40	+/- 70 FT
10,000	40	+/- 80 FT
15,000	50	+/- 90 FT
20,000	50	+/- 100 FT
25,000		+/- 120 FT
30,000		+/- 140 FT
35,000		+/- 160 FT
40,000		+/- 180 FT
50,000		+/- 250 FT

BARO PRESSURE TEST

IN HG	READING	ALTITUDE
28.10	-1730	-1,727
28.50	-1335	-1,340
29.00	-860	-863
29.50	-392	-392
29.92	0	0
30.50	531	531
30.90	893	893
30.99	975	974

BARO PRESSURE TOLERANCE = (+/-) 25 FT

CASE LEAK TEST:

+/- 100FT ALTIMETER 0

HYSTERESIS TEST:

50% POINT +/- 75FT 30

40% POINT +/- 75FT 25

AFTER EFFECT TEST:

+/- 30 FT 20

ALTIMETER: P/N 5932 United Inst
S/N 46717TECHNICIAN: Marty Hammin
INSPECTOR: Marty Hammin

HA006

A.D./E
NUM

A.D./E
NUM



4432 AIRPORT ROAD
SPRINGFIELD, TN 37172

ACTT
Hobbs 3313.6

August 25, 2012

All maintenance performed in accordance with applicable sections of manufacturer's maintenance manuals. Removed the existing King KX-170B Nav/Com P/N 069-1020-00 S/N 21333 and the existing KI-201C Nav Indicator P/N 066-3008-02 S/N 13373 and installed a **used serviceable KX-155 Nav/Com** P/N 069-1024-01 S/N 58074 and a **used serviceable KI-204 Nav Indicator** P/N 066-3034-03 S/N 19210. Performed operational ground checks I.A.W. manufacturers installation manuals P/N 006-00179-0006 Rev 6 Dated October 1994. Weight change was negligible. The Maintenance and/or component identified above was repaired and inspected in accordance with current federal aviation regulations and was found airworthy and is approved for return to service for work performed. Pertinent details of the repairs are on file at this Agency under Work Order Number **1199**.

For HARRISON AVIONICS, Springfield, TN 37172 CRS 1H9R825B

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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Sample 119 31 2012

Tach 2849.64

McCauley Aviation, Inc.

4432 Airport Rd

Springfield, TN 37172

N43348

Aircraft weighed

New Empty Weight: 4291bs

New CC 88.2

[Signature]

David Bliss A&P 3453074 IA

June 3, 2013

McCauley Aviation, Inc.

N43348

Tach: 2892.5

4432 Airport Road

PA-28-140

AF TT: 2892.5

Springfield, TN 37172

s/n 28-7425362

1. Complied with an Annual Inspection in accordance with 14 CFR (FAR) 43 appendix D and in reference to Piper PA 28 service manual.
2. Complied with AD's 69-22-02 Control Wheels, 95-26-13 Oil Hoses, 76-07-12 Bendix switch, 13-02-13 Turnbuckles, through bi-weekly 2013-11.
3. Tested ELT in accordance with 14 CFR (FAR) 91.207(d). batteries, due March 2016.
4. Replaced Left brake linings 66-0105.
5. Replaced both oil cooler hoses 124F001-8-CR-0500 per AD.
6. Engine run up and leak checked. All systems satisfactory.

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

[Signature]

David Bliss A&P 345609

Owner Signature

Hrs.

3122.74

Tach Time

Registration

Date Inspected

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

SIGNATURE E NO.	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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OAK GROVE AIRCRAFT SERVICE
P.O. BOX 1473 / 580 OLD KILBOURNE RD. S.
OAK GROVE, LA. 71263

Phone: 318-428-3129
Fax: 318-428-3135

Date: 6/05/2014	Tach. 2926.26 T.T. 2926.26	Aircraft Make / Model: PIPER PA28-140	Aircraft S/N: 28-7425362	Acft. Reg. No: N-43348
Eng. Model / Serial No. LYC. 0-320-E3D L-37576-27A	Engine Total Time 7266.66	Engine TSMOH: 935.76	Propeller: Mode; Ser. SENSENICH 74DM6- 0-58	Propeller TSMOH / TT 935.76 TT

A 100 hour/Annual inspection has been completed in accordance with FAR 43 Appendix D and Piper 28-140 Maintenance Manual. Repacked all wheel bearings for main and replaced nose wheel bearings. Rotated right main tire. Serviced the battery and inspected battery box for corrosion, none found. **Checked ELT battery** and ops checked ok in accordance with FAR 91.207 (D) **expiration date 3/16**. Cleaned and inspected brakes and checked OK, serviced reservoir and bled brakes. Greased J-Screw for horizontal. Checked all lights and replaced left nav. bulb. Checked all cables and pulleys and checked cable tensions. Lubed all controls. Removed all removable inspection plates and inspected airframe. Removed main and nose gear struts and overhauled with new O-Rings and recharged. Replaced top and bottom bearing in nose strut. Overhauled primer with new O-Rings. Replaced rod end bearing for shimmy damper. Repaired bottom engine cowl. C/W AD 2013-02-13 by visual inspection with no defects noted. Next due 3026.26 TT. C/W AD 76-07-12 Opts checked Bendix Switch, Checked Ok. Next due 3026.26 TT. C/W AD 95-26-13 by inspection of oil cooler hoses, no damage noted. Next due 3026.26. C/W AD 69-22-02 by visual inspection of control wheel and no defects noted. Next due 3026.26. C/W AD 72-08-06 by visual inspection of main gear torque tube links, no defects noted. Next due 3026.26 TT.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition. * See aircraft Wt & Bal for AD listing.*

Dennis W. Bolton A&P 2082628
Dennis W. Bolton A&P 2082628 IA

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Registration
Tach Time
Hrs.
Owner Signature

3122.74



FLYING TIGER AVIATION

Tach-2954.72

N43348

10-5-15

TT-2954.72

Performed annual inspection in accordance with FAR 43 Appendix D and Piper 28-140 maintenance manual. ELT checked in accordance with FAR 91.207(D) expiration date 3/16. C/W AD 2013-02-13, AD 95-26-13, AD 72-08-06 and AD 69-22-02. All next due 3054.72. I certify that this aircraft has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.

Robert Garrett A&P2722872 IA

BULLETIN COMPLIANCE RECORD

NEXT COMP.
DATE/HRS./CYCLE

AUTHORIZED SIGNATURE
CERTIFICATE NO.

A.D./BULL.
NUMBER

5/20/20

08/20/2020 TACH: 2975.89 REPLACED ALL TIRES W/NEW. CK'D BRAKES; SERVICED RESERVOIR. OPS CK'D ALL LIGHTS. REPACKED ALL WHEEL BEARINGS. INSTALLED NEW G-35 BATTERY (S/N: G0303935). LUBED ALL HINGE POINTS. REPAIRED ENGINE BAFFLING A/R. OPS CK'D ELT. INSTALLED NEW BATTERIES. EXP. DATE: 08/20/2020. REPAIRED TAILCONE BATT. BOX A/R. C/W AD 2018-07-03 BY CHECKING PLACARD INSTALL. -END-
I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL WSP & WAS DETERMINED TO BE AIRWORTHY. C/W AD 3808949 IA.

Complied with A
bearings. Inspect
on L/H wing. C/W
C/W AD 95-26-13
defects noted at
maintenance lea

I certify this aircr

Date: 4/11

ATURE
2.

Date Installed 10-2-08

Owner Signature _____

Hrs.

Registration 70312

Tach Time 3122.74

Tach Time

State:

AIRV

[illegible]

URE

[illegible]

AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE. CERTIFICATE NO.
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Tail number: N43348 Model: Piper Pa28-140 Serial:228-7425362 Tach: _____

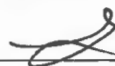
Serviced MLG with hydraulic fluid and nitrogen. Installed new overhead vent cover. Replaced heater scat tubing.

I certify this aircraft has been inspected in accordance with the Annual/100-hour inspection and found to be in an airworthy condition.


 _____ Jaime Hollis A&P 4060641 IA
 Date: 2/11/24

ATC Transponder tests and inspections as required by FAR 91.413 IAW Far 43, Appendix "F".

TRANSPONDER MODEL GT-377 S/N 37745026

3-27-24 
 (DATE AND SIGNATURE)

PATTERSON AVIONICS, INC.
 PATTERSON AIRPORT
 P.O. BOX 2090 • PATTERSON, LA 70392
 FAA Repair Sta. PT8R472J

The following altimeter system and altitude reporting equipment tests and inspections as required by FAR 91.411 I/A/W FAR 43 Appendix "E" have been performed.

APPENDIX "E" 3-27-24 (date)

Para (a) Static System _____

Para (b) Altimeter(s) _____

Pilots 5974 C/Ps _____ Altimeter

S/N 46717 S/N _____

Tested to 20,000 feet.

(Date) 3-27-24 3-27-24 (date)

Para (c) Integrated System Test _____

Signature  Work Order No. 877a

PATTERSON AVIONICS, INC.
 PATTERSON AIRPORT
 P.O. BOX 2090 • PATTERSON, LA 70392
 FAA Repair Sta. PT8R472J

ALTIMETER & STATIC SYSTEM CHECKS **F.A.R. 91.411**

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
7-11-24 TACH	3047.30	<p>Open inspect panels inspect gullies & cables lubricate control surfaces Replaced air filter BA-3. Replaced throttle cable with new McFarlane Cable and rigged. Replaced 2 & R Brake line from wing to calipers. Replaced B3-S-1 and D9-R-1 filters Replaced fly wheel with serviceable one and new alternator Belt. Installed new alternator PIN AL 12-60 and new starter NL 122. S/K 1/2 Complied with AD 69-22-02 by inspect of control wheels ok manual. Complied with AD 76-07 12R1 Ignition switch all positions. Complied with AD 2017-14-14 by inspect of act control horn. Complied with AD 2020-24-05 by inspect of wing spar and installation of 12.5 765-106V no corrosion Comply AD 79-16-05 no manual Continued →</p>					

ALTIMETER & STATIC SYSTEM CHECKS

F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
7-11-24	3042 30						
<p>Confirmed Previous page: Install new battery of test left Inspect per FAR 91.207d Inspected exhaust system and muffler shroud. clean gas collector and install new Basket. inspect fuel pump screens. Repair lower engine cowling. Grease, Landi gear and wheel bearing. I certify that this aircraft has been inspected in accordance with a 100HR inspection per FAR 43.9 and was determined to be in airworthy condition.</p> <p><i>[Signature]</i> ALP 2641010</p>							

1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 082083	
4. Organization Name and Address:				Marvel-Schebler Aircraft Carburetors, LLC 2208 Air Park Drive, Burlington, NC 27215 (FAA-PMA PQ4020CE)		5. Work Order/Contract/Invoice Number: 1258337 Page 1 of 1	
6. Item 1	7. Description MA-4SPA	8. Part Number 10-5009	9. Quantity 1	10. SerialNumber MS1CRE01	11. Status / Work Rebuilt		
12. Remarks <div style="text-align: center;"> REBUILT TO ORIGINAL PAH'S SPECIFICATION. APPLICABLE SERVICE BULLETINS AND AD NOTES COMPLIED WITH TO DATE. ASSEMBLY PRESERVED FOR SHORT TERM STORAGE. PARTS LISTED ARE NOT CRITICAL COMPONENTS. </div>							
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12				14a. <input type="checkbox"/> 14 CFR 43.9 Return To Service <input checked="" type="checkbox"/> Other Regulation Specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:		13c. Approval / Authorization No. :		14b. Authorized Signature:		14c. Approval / Authorization No. :	
13d. Name (Typed or Printed)		13e. Date (dd/mm/yyyy)		14d. Name (Typed or Printed) Mark Keeney Jr.		14e. Date (dd/mm/yyyy) 06 Jun 2024	
User /Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the Country specified in Block 1.</p> <p>Statement in Blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>							

5-27-35
TACH 3122.74

N43348

REMOVED CARBURETOR 10-5009
AND INSTALLED Rebuilt CARB
10-5009. ADJUSTED CARB RUN UP
CHECK OPERATION.

Racet 713
A+P 2641010

CUSTOMER WARRANTY REQUEST

Owner

Name _____
Company _____
Address _____
City _____ St _____ Zip _____

IMPORTANT!

This card must be completed and returned with non-returnable pump for warranty consideration

Aircraft
Make PA 23-140
Model Piper
Registration 43348
Tach Time On 3122.74 Hrs.
Tach Time Off _____ Hrs.

Unit Installed RAP215 CC
Part No. _____
Serial No. A 80623
Date of Manufacture AUG 04 2023
Date Installed 5-27-25
Date Removed _____
Purchased From RFB FLYING SYC LLC

PUMPS SENT IN FOR WARRANTY
WILL NOT BE RETURNED

RAPCO, inc.

REPLACEMENT AIRCRAFT PARTS CO.

Shear Coupler MUST be replaced if still installed 6 years after Date Installed
** Warranty Registration must be signed by aircraft owner **

WARRANTY REGISTRATION

Owner

Name _____
Company _____
Address _____
City _____ St _____ Zip _____

IMPORTANT!

This portion of the card must be completed and returned NOW to validate warranty.

Aircraft
Make Piper
Model PA 23-140
Registration 43348
Tach Time 3122.74 Hrs.

Unit Installed RAP215 CC
Part No. _____
Serial No. A 80623
Date Installed 5-27-25
Owner Signature _____

5-27-25

N 43348

TACH 3122.74

REPAIRED WIRE FOR LEFT NAV
LIGHT CKS NORMAL
R&R RAPCO 215CC VAC PUMP
RUN UP CHECK OPERATION AND
LEAKCK. REMOVED BROKEN CLOCK
AND INSTALLED NEW CLOCK P/W
CK-7264-12 CKS NORMAL

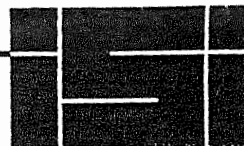
Racey B
A&P 2641010

Quartz Clock Warranty

We warrant this quartz clock for one year from the date shown on the invoice or shipping document. The warranty is void if the clock has been electrically or physically damaged, tampered with, or if it doesn't work properly due to other electrical problems in the car.

Prior to installation, please test this clock by connecting it directly to a battery (Not a charger!) If it doesn't pass the battery test, please return it together with a copy of our original invoice/shipping document. Please include a note describing the problem(s). If the quartz movement is proven to be defective, we will repair or exchange it at our option. The validity of all claims shall be determined by Instrument Services, Inc.

We are not responsible for the removal and reinstallation of warranty items. We are not responsible for shipping charges for warranty items.



INSTRUMENT
Services, Inc.

4075 STEELE DRIVE
MACHESNEY PARK, IL 61115

TOLL FREE (800) 558-2674
ILLINOIS (815) 316-2921
FAX (815) 316-2926
www.ClocksAndGauges.com

RADIO & ELECTRONIC CHECKS

PROVED BY: CERT. NO.	DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
			DATE 10-15-24				
			TACH 3074.03				
			REMOVED ELECTRIC FUEL PUMP DUE TO INOPERATIVE AND INSTALLED NEW TEMPEST PUMP P/N A78360 S/N 1E5D11 CHECK OPERATION AND LEAK CHECK. INSTALLED NEW O-RINGS IN PRIMER, AIR TIRES AND NOSE STRUT				
							Racut Bar A2P 2641010
			DATE 10-24-24				
			TACH 3074.3				
			REMOVED ROTATING BEACON AND INSTALLED WAT MODEL OR36 RIW (14K) check operation checks NORMAL (weight negligible)				
							Racut Bar A2P 2641010

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.	DATE
Date 9-10-25							
TAC-3127.98				Open inspect panels and inspect pulling and cables. Grease gear gears wheel bearing. Completed with AD 69-22-02 by inspect of control wheels. Completed with AD 76-07-12 by check magnets switch. Test alt input left for EPR 91.207 (d) battery input DUE 7-26. Replaced B3-5-1 P/B. Completed with AD 2017-1414 by inspect of air cooler hoses. I certify that this aircraft has been inspected in accordance with a 100 hr part 43.9 and was still to be in airworthy condition.			
						Robert B. AEP 2641016	
"I certify that this AIRCRAFT has been inspected in accordance with AN/ANNUL inspection and was determined to be in airworthy condition"							
9-10-25				Wall T. Harris			
3127.98				AEP 2641016 IA			

[illegible]

BY:
CERT. NO.

RADIO & ELECTRONIC CHECKS

[illegible]

Y:
ERT. NO.

Approved design data and are in a condition for safe operation.

13a. Certifies the items identified above were manufactured in conformity to:

VIA -

QUALITY AIRCRAFT ACCESSORIES

INSPECTION RECORD

F.A.R. 43.11-91.409

DATE NO.
ED TO SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION-STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE

I certify that the transponder test required by
FAR 91.413 has been performed this date and
found to comply. Transponder K776

Make & Model

S/N: 12401 Date: 12/30/11

Signature: [Signature]

Certified Repair Station # YN1R644K

Approved design data and are in a condition for safe operation. ☒

13a. Certifies the items identified above were manufactured in conformity to:

QUALITY AIRCRAFT ACCESSORIES

VIA -

1. Approving Civil Aviation
Authority/Country:

2.

FAA/United States

4. Organization Name and Address:

AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:
251146390-2

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG
GARMIN International 1200 E. 151st St. Olathe, KS 66062
Certificate Number PO3742CE

6. Item:

5. Work Order/Contract/Invoice
Number: 251146390

7. Description:

2. Part Number:
013-00235-00

9. Quantity:
1

10. Serial Number:
240629

11. Status/Work:
New

12. Remarks:

Airworthiness Approval
This PMA part is not a critical component.

13a. Certifies the items identified above were manufactured in conformity to:

- ☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

13b. Authorized Signature:

Bradley J. Miller

13c. Approval/Authorization No.:
ODA-240087-CE

13d. Name (Typed or Printed):
Bradley J. Miller

13e. Date (dd/mm/yyyy):
30/Jan/2025

14a. ☐ 14 CFR 43.9 Position for Service

☐ 13b(e) regulation specified in Block 12

Confirms that unless shown otherwise specified in Block 12, the work performed in Block 12 complies with the applicable Federal Regulations, part 13 and is subject to that work. The items are approved for return to service.

14b. Authorized Signature:

14c. Approval/Authorization No.:

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/with. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s). From the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

MSN: 007467-012-0015

1. Approving Civil Aviation
Authority/Country:

FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

GARMIN International 1200 E. 151st St. Olathe, KS 66062
Certificate Number PT3742CE

3. Form Tracking Number:

251146390-1

5. Work Order/Contract/Invoice
Number: 251146390

6. Item:

1 GNC 355, Standard Kit, Americas

8. Part Number:

010-02232-02
Includes 011-04956-00

9. Quantity:

1

10. Serial Number:

5YF008498

11. Status/Work:

New

12. Remarks:

Airworthiness Approval
TSO C146e, ETSO-2C169a

13a. Certifies the items identified above were manufactured in conformity to:

- ☒ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12.

13b. Authorized Signature:

Bradley J. Miller

13c. Approval/Authorization No.:

ODA-240087-CE

13d. Name (Typed or Printed):

Bradley J. Miller

13e. Date (dd/mm/yyyy):

30/Jan/2025

14a. ☐ 14 CFR 43.9 Return to Service

☐ Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

14b. Authorized Signature:

14c. Approval/Certificate No.:

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that higher airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: H-X120548	
4. Organization Name and Address: HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY., MONTGOMERY, AL 36108 PQ1383CE-D					5. Work Order/Contract/Invoice Number: M942450	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	STARTER **** END ****	122NL	1	H-X120548	NEW	
12. Remarks: AIRWORTHINESS APPROVAL- PARTS.FOR PMA ELIGIBILITY SEE WWW.HARTZELL.AERO/PMA/						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12: Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: <i>Daniel W. Paul</i>		13c. Approval/Authorization No.: ODA-100082-CE		14b. Authorized Signature:		14c. Approval/Certificate No:
13d. Name (Typed or Printed): Daniel W. Paul		13e. Date (dd/mm/yyyy): 19/Jan/2024		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 01-0711185 01	
4. Organization Name and Address: HARTZELL ENGINE TECHNOLOGIES, LLC 2900 SELMA HWY., MONTGOMERY, ALABAMA 36108				5. Work Order/Contract/Invoice Number: PQ1383CE-D PT1383CE-D		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	ALTERNATOR KIT, 12V 60 AM **** END ****	AL12-C60	1	N/A	NEW	
12. Remarks: AIRWORTHINESS APPROVAL PARTS. The part(s) shipped under this approval is a subcomponent of FAA-PMA assembly. QUALITY AIRCRAFT ACCESSORIES VIA -						
13a. Certifies the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12			
<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: ODA-100082-CE		14b. Authorized Signature:		
13d. Name (Typed or Printed): Daniel W. Paul		13e. Date (dd/mm/yyyy): 09/Jan/2024		14c. Approval/Certificate No.:		
				14d. Name (Typed or Printed):		
				14e. Date (dd/mm/yyyy):		
User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

PATTERSON AVIONICS INC.

CRS# P18R4721

N43348

Removed Garmin GNC-300XL GPS/COM. and MD41-1444 GPS Annunciator. Installed New Garmin GNC-255 GPS/COM in center radio rack. Installed King KI-209 GPS indicator in pilot panel wired to GNC-255 GPS/COM. The Garmin GNC-355 system has been certified by STC and AML No. SA02636SE. Weight change negligible, 337 on file. The aircraft identified above was repaired and/or tested in accordance with current regulations of the FAA and is approved for return to service for the work performed.

Signed: _____



DATE: 02/05/2025