

D.

THE PLANE DOCTOR
SHANNON AIRPORT3328 Shannon Circle
Fredericksburg, VA 22408
540-220-8138Man. Piper Model PA-28RT-201
S/N 28R-7918104
N 3069Y

Date 11/19/2019 Tach Time 6877.2 Lubricated flight controls, checked cables and pulleys. Checked tires, brakes pads, navs and beacon, A/C battery was given a fresh, replace inner wire to alternate air control. By passed nav light switch, potentiometer, using wire diagram 11-49 and 11-53 used original molex receptacle pin 6 and pin 9 to a remote switch in radio stack, AN3021-2 p/n 587-779 not available for 6 months, on order. Note that gear dimming is wired to panel light switch, fuel caps replaced locking tap part with servicable part, Caps reinstalled. Replaced ACK-01 with ACK-04 S/N 029778 installed as per Installation Manual. Propeller was retorqued and safety wired

See AD list with A/C records. C/W 2018-07-03 fuel selector valve cover, check the left and right fuel selector cover placards for proper installation.

Inspected the ACK-04 Model ACK-04 S/N 029778 ELT System, found that it meets the requirements of FAR 91.207(d). The ELT battery expires on 11/2024. Horn battery 3/2024, remote control battery 3/2024

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

Airframe total time 6877.2 Engine time 426.8 SMOH _____

Roberta Ann Boucher
Roberta Ann Boucher

A&P 2707227 IA

wo: 12049

Airframe - page 1 of 1

SkyWorld Aviation, Inc - 5083 Airport Rd, Hangar 20, PO Box 147 - MIDLAND, VA 22728 - 540-788-9300

N3069Y

PIPER, PA-28RT-201, S/N: 28R-7918104

November 19, 2020

tach: 6784.8
ETSMOH: 469.8TTSN: 6784.8
PSMOH: 469.8

hobbs: 1685.3

AFTT: 6784.8

1. Performed Annual inspection IAW Piper PA28RT-201 inspection guide. Removed pilot and copilots seats. Removed all wing, fuselage and tail section access panels. Jacked aircraft and performed landing gear retraction test IAW Piper PA28RT-201 AMM. No defects noted. Induction air filter ok for service. Lube airframe and all wheel bearings. Removed aircraft from jacks. Checked all exterior lighting. Reinstalled all access panels. Reinstalled pilot, copilots seat. No corrosion found on wing spar and throughout aircraft. All AD's have been checked and complied with thru 11/17/2020.
2. Jacked aircraft and performed landing gear retraction test IAW Piper PA28RT-201 AMM. No defects noted. Removed aircraft from jacks.
3. Complied with AD 2013-02-13 IAW SB 1245A, no defects noted. Next inspection due 8920.2 AFTT or NOV 2027.
4. Complied with AD 76-07-12 by function check. Next inspection due 6784.8 AFTT.
5. Removed scat hose and installed new ceet hose.
6. Removed and installed new lower engine cowling bushing PN: 69790-000 on right side.
7. Removed wire and installed new wires for rudder position light. Ops check ok.
8. Removed old style tanis system and installed new Tanis per-heater system PN: TSP4CYL-2925-115, SN: 55892 IAW installation guide TNG1000 Rev E dted AUG 27, 2020, with new indicator light and plug assemble. Ops check ok.
9. Performed ELT inspection IAW CFR 91.207 (d). No defects noted. Next inspection due NOV 2021. Battery due replacement OCT 2024.
10. Verified that AD 80-19-01 has been previously complied with by physical inspection. New muffler shroud has been installed.

I certify this aircraft has been inspected IAW an Annual inspection and is approved for return to service.

Richard Pittman, Jr A & P 2682885 IA *Richard Pittman, Jr*

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			CORRECTED STICKER WITH CORRECT TIMES.
			PREVIOUS STICKER INDICATED WRONG TIMES
			↓ ↓ ↓ ↓ ↓ 3359938

wo: 12049

SkyWorld Aviation, Inc. 5083 Airport Rd, Hangar 20, PO Box 147 MIDLAND VA 22728 - 540-788-9300

Airframe - page 1 of 1

N3069Y
tach: 6920.3
ETSMOH: 469.8

PIPER, PA-28RT-201, S/N: 28R-7918104
TTSN: 6920.3
PSMOH: 469.8

November 19, 2020
AFTT: 6920.3

1. Performed Annual inspection IAW Piper PA28RT-201 inspection guide. Removed pilot and copilots seats. Removed all wing, fuselage and tail section access panels. Jacked aircraft and performed landing gear retraction test IAW Piper PA28RT-201 AMM. No defects noted. Induction air filter ok for service. Lubed airframe and all wheel bearings. Removed aircraft from jacks. Checked all exterior lighting. Reinstalled all access panels. Reinstalled pilot, copilots seat. No corrosion found on wing spar and throughout aircraft. All AD's have been checked and complied with thru 11/17/2020.
2. Jacked aircraft and performed landing gear retraction test IAW Piper PA28RT-201 AMM. No defects noted. Removed aircraft from jacks.
3. Complied with AD 2013-02-13 IAW SB 1245A, no defects noted. Next inspection due 8920.2 AFTT or NOV 2027.
4. Complied with AD 76-07-12 by function check. Next inspection due 7020.3 AFTT.
5. Removed scat hose and installed new ceet hose.
6. Removed and installed new lower engine cowling bushing PN: 69790-000 on right side.
7. Removed wire and installed new wires for rudder position light. Ops check ok.
8. Removed old style tanis system and installed new Tanis per-heater system PN: TSP4CYL-2925-115, SN: 55892 IAW installation guide iNG1000 Rev E dted AUG 27, 2020, with new indicator light and plug assemble. Ops check ok.
9. Performed ELT inspection IAW CFR 91.207 (d). No defects noted. Next inspection due NOV 2021. Battery due replacement OCT 2024.
10. Verified that AD 80-19-01 has been previously complied with by physical inspection. New muffler shroud has been installed.

I certify this aircraft has been inspected IAW an Annual inspection and is approved for return to service.

Richard Pittman, Jr A & P 2682885 IA

2-7-21 69410 REMOVED MAIN BATTERY, G-35 S/N G02950098 and replaced with CONCORDE RG-35AXC Sealed Lead acid battery. FAA Form 8130-3 in binder. Functional check all OK.

Andrew Howson
3359938

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			Airframe - page 1 of 1
wo: 3020			
Southern Sierra Aviation - 614 S River Rd - Bay City, MI 48706 - 469-247-5520			
N3069Y tach: 6941.0			February 8, 2021
Piper, PA-28RT-201, S/N: 28R-7918104			
1. Removed Attitude Gyro, Directional Gyro, ADF, and Strikefinder from cockpit instrument panel and removed the associated wiring. Installed Dual Garmin G5 indicators in accordance with Garmin International Inc STC # SA01818W1 and Master Drawing List 190-01112-10 Rev 23 dated June 2020 or later Federal Aviation Administration approved revision. Mechanical installation, wiring, cable bundling and routing, and connections to existing aircraft systems conform to those specific instructions found in the STC data. Those aspects of the STC where specific instructions are not provided were performed in accordance with the recommended practices and procedures in AC 43.13-1B/2B, the PA-28RT-201 Maintenance manual, Wiring manual and IPC. Aircraft Weight and Balance revised and Aircraft Equipment List up-dated. Installed (1) K10-00280-30 - G5, S/N: 4JQ038166, Installed (1) K10-00280-00 - G5, S/N: 4JQ042466, Installed (1) 010-01172-11 - GAD 29B, S/N: 5DL011200, Installed (1) 010-01788-00 - GMU 11, S/N: 56J019330, Removed, Sent for Repair (1) 52D66M - Attitude Gyro, S/N: A21059H, Removed, Sent for Repair (1) 52D54 - Directional Gyro, S/N: 4784DF, Removed, Sent for Repair (1) 78-8047-0984-4 - WX-10A Display, S/N: E0003803L36, Removed, Sent for Repair (1) 78-8047-0985-1 - WX-10A Processor, S/N: E0P03803136, Removed, Sent for Repair (1) 066-1038-00 - KR-86 ADF, S/N: 17376. 2. Found Vacuum pump has failed. Vacuum system being removed for STC mod. no further action required. 3. Cleaned up fuel stain on RH MLG wheel door. Monitored aircraft for 1 hour. No leaks noted on RH MLG wheel door. Customer flew aircraft for ops check. No leaks noted on return. 4. Removed old carpet, cleaned old adhesive off floorboards, trim new carpet to fit, Installed new carpet.			
With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Southern Sierra Aviation under work order: 3020.			
Sabrina Onstott A&P 4235495 <i>Sabrina Onstott</i>			

Test Altitude in Feet	Reading	Tolerance +/- (feet)
-1000	-1000	20
0	5	20
500	500	20
1,000	1000	20
1,500	1495	25
2,000	2000	30
3,000	3010	30
4,000	3980	35
6,000	5985	40
8,000	7980	60
10,000	9985	80
12,000	12000	90
14,000	13980	100
16,000	16010	110
18,000	17980	120
20,000	20000	130

N-Number: N 3069Y
 I Certify that the Transponder tests required by FAR 91.413 & FAR 43 Appx. (F) as prescribed in A.C. 43-6 Para. 6a 1-4 & Para. B have been complied with, make and model GT X 345. Automatic pressure altitude reporting system tested as required by FAR 91.411 IAW FAR 43 Appx. (E) Para. (C). and that the Static System and Altimeter tests required by FAR Part 91.411 IAW FAR 43 Appx (E) Para (A,B) have been performed this date 06/22/2021.
 Altimeter tested to 20,000 Ft. by M. J. Onstott.
 SIGNED [Signature] for
 Lapeer Aviation, Inc. Repair Station
 L9PR971N Lapeer, MI.

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DATE



4128 40th Street S.E. • Grand Rapids, MI 49512
 Phone: 616-974-1100 • Fax: 616-974-1111
 F.A.A. Repair Station N3DR341N

Aircraft Maintenance Entry

Model: **PA-28RT-201**
 ACTT: **6999.8**

Ser. No.: **28R-7918104**
 Hobbs: **N/A**

Registration: **N3069Y**
 Work Order: **B241019**

AIRWORTHINESS DIRECTIVE (AD) 2020-26-16

Complied with AD 2020-26-16 paragraph (I); Performed Eddy Current Inspections for cracks at the two lower outboard bolt hole locations of the left and right lower main wing spar cap as prescribed in the Piper Aircraft Service, Inc. Mandatory Service Bulletin No. 1345A dated September 17th, 2021, and SAE ARP 4402 (R 2013-06).

EDDY CURRENT INSPECTION RESULTS

LEFT MAIN WING SPAR FWD:	Cracks: NONE NOTED
	Other: NONE NOTED
LEFT MAIN WING SPAR AFT:	Cracks: NONE NOTED
	Other: NONE NOTED
RIGHT MAIN WING SPAR FWD:	Cracks: NONE NOTED
	Other: NONE NOTED
RIGHT MAIN WING SPAR AFT:	Cracks: NONE NOTED
	Other: NONE NOTED

The above Eddy Current Inspections were performed in accordance with current Federal Aviation Regulations, AD 2020-26-16, Piper Aircraft Service Bulletin No. 1345A dated September 17th, 2021, and SAE ARP 4402 (R 2013-06). Unless defects are noted above, only that work described herein shall be considered for an approval for return to service. Pertinent details of the inspection are on file at this Repair Station under Work Order: **B241019**

Certified Inspector:
 CRS Number: **N3DR341N**

Date: **18 NOV 2021**

WO: 112921

PETERS AERO PLUS LLC AVIATION SERVICES

PETERS AERO PLUS LLC: 4400 AIRPORT 48855 JANES RD. SAGINAW MI 48602 PH: (989)573-0085

N3069Y Piper 28R-201 S/N 28R 7918104

November 29, 2021

Tach: 6999.8 hrs. TTAF 6999.8 hrs.

- 1) **ANNUAL INSPECTION**, INSPECTED IN ACCORDANCE WITH FAR'S AND DETAILS OF FAR 43 APPENDIX D, ALL COMPONENTS AND CONTROLS INSPECTED, RIGGING CHECKED AND LUBED ALL PULLIES, LUBED LANDING GEAR AND PERFORMED LANDING GEAR EXTENSION AND RETRACTION SWING TEST OPS CHECK GOOD. CHECKED ALL WHEEL BEARINGS AND TIRES, CHECKED BRAKE SYSTEM AND SERVICED AS NEEDED. TESTED AND INSPECTED ELT AS PER FAR PART 91.207 (D) AND ELT MAINTENANCE MANUAL. BATTERIES CHANGE NEXT DUE AT **10/11/2024**. ALL APPLICABLE AD'S COMPLIED WITH THRU BI-WEEKLY LISTINGS 2021-24.
- 2) AD RESEARCH.
- 3) INSPECTED ALL APPLICABLE PLACARDS PER THE AIRCRAFT FLIGHT MANUAL AND FOUND THEM TO BE LEGIBLE AND INTACT.
- 4) C/W AD 20-26-16 AND PIPER S/B 1345A MAIN WING SPAR INTEGRITY EDDY CURRENT INSPECTION PERFORMED AT THIS TIME. NO DEFECTS NOTED. NEW BOLTS P/N AN176-13A-5 AND NEW NUTS MS21042-6 AND REUSED ALL WASHERS. TORQUED NUTS TO 390 INCH POUNDS PER PIPER M/M 57-20-03.
- 5) C/W AD 15-19-07 ENGINE FUEL INJECTOR LINES. NO FAULTS FOUND AT THIS TIME
- 6) C/W AD 76-07-12 BENDIX IGNITION SWITCHES. PERFORMED OPS TEST AND NO FAULTS FOUND AT THIS TIME.
- 7) C/W ICA OF CONCORD AIRCRAFT BATTERY. NO DEFECTS NOTED.
- 8) C/W ICA OF ENGINE E-Z HEAT ENGINE PREHEATER SYSTEM. NO DEFECTS NOTED OPS CHECKED GOOD.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND MEETS SCOPE AND DETAIL OF FAR 43 APPENDIX D. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

James D Peters A&P/IA 378882624

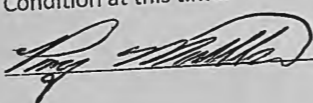
11-29-2021

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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R.M. AVIATION INC.
08/16/2022 N3069Y PA-28R-201 S/N: 28R-7918104
Tach: 7019.7 TTAF: 7019.7
Cleaned Aircraft. Removed cowling and all Inspection Covers.
Inspected fuel sump. Inspected and Lubed All Rod Ends, Pulleys,
Hinges, Bell Cranks And Cables. Inspected Tires and brakes.
Repacked wheel bearings. Performed landing gear extension and
retraction test, operations checked out good. Checked All Lights,
Inspected air filter, Tested ELT IAW FAR 91.207 (d), tested OK.
Battery due date: Oct/2024. Checked All AD's Thru 2022-16 See AD
List: I Certify This Aircraft Has Been Inspected in Accordance With
An Annual Inspection And Was Determined To Be In An Airworthy
Condition at this time.



Roy Matthews
A&P3484919 (IA)

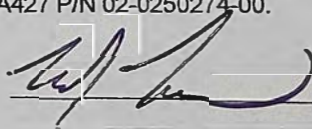
Aircraft Logbook Entry

N3069Y SN: 28R 7918104

Date: August 19, 2022 Tach: 7023.4

Removed pilot side failed wingtip strobe tube: Whelen model no. A427 P/N 02-0250274-00
with new strobe tube: Whelen model no. A427 P/N 02-0250274-00.

Mark Takacs, Owner PPL 312849076



Aircraft Logbook Entry

N3069Y SN: 28R 7918104

Date: June 17, 2023 Tach 7083.0

Removed and replaced 751 381 left / right wingtip nav bulbs with NavStrobe
bulbs part no. ACS #11-18888. Removed and replaced 753 431 tail nav bulbs (2)
with NavStrobe bulbs (2) part no. ACS #11-13587. Replacement bulbs procedure
under Part 43 owner preventive maintenance with TSO-C30c compliant drop in
replacement bulbs.

Mark Takacs, Owner PPL 312849076



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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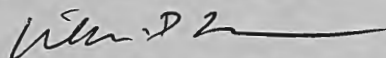
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DATE: 05/17/2023

MAKE: PIPER MODEL: PA-28RT-201 REGISTRATION: N3069Y

SERIAL NUMBER: 28R-7918104 A/C TIME: 1979.1 (Hobbs)

Removed engine-driven vacuum pump, Edo-Aire wing-leveler system, JPI EDM-700 EGT, King KMA20 Audio Panel, Sigtronics SPA-400 Intercom, King KI-201C Nav Indicator, and Ameri-King AK-550-6 DC-DC Power Converter. Installed Garmin GFC 500 Autopilot System, repositioned #1 Nav/Com system as the #2 system, installed Avidyne IFD-440 GPS/NAV/COM as the #1 GPS/Nav/Com system, installed JP Instruments EGT-701/EDM-830 Engine Monitoring System, and installed mounting bracket for Garmin Aera 660 in the right radio stack. Reference FAA Form 337 dated May 17, 2023 for further details of the installation.



Mechanic Certificate #3084274

Beacon Aviation 1222 Hangar Way Grand Ledge, MI 48837 VOOR755X
LOG ID# 227 07-July-2023 WO# 10150 VOOR755X
N3069Y S/N 28R-7918104 PIPER PA-28RT-201

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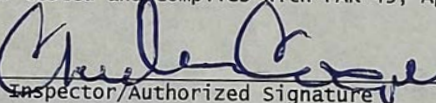
G5 S/N: 4JQ0442466 EFI's Altitude Indication was tested to 20,000 feet, and complies with FAR 91.411 IAW FAR 43, Appendix E (b).

Altimeter P/N: 8140B-20 S/N: 65702 was tested to 20,000 feet, and complies with FAR 91.411 IAW FAR 43, Appendix E (b).

GTX345 S/N: 3EG006321 Mode A/C/S/ADS-B Transponder system was tested and complies with FAR 91.413, IAW FAR 43, Appendix F.

Altitude reporting system was tested and complies with FAR 91.411, IAW FAR 43, Appendix E (c).

Static System was tested and complies with FAR 43, Appendix E (a).



Inspector/Authorized Signature

Date

7-7-2023

for Beacon Aviation of Michigan, Inc - CRS # VOOR755X

DATE: 07/27/2023

MAKE: PIPER MODEL: PA-28RT-201 REGISTRATION: N3069Y

SERIAL NUMBER: 28R-7918104 A/C TIME: 1990.0

Replaced left main gear down-limit switch. Jacked aircraft and tested landing gear annunciation system through both normal and emergency gear extensions IAW Piper PA-28T-201 Maintenance Manual. System tests passed.



Mechanic Certificate #3084274

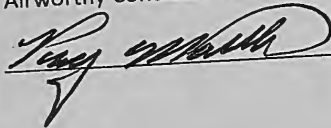
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R.M. AVIATION INC.
09/16/2023 N3069Y Piper PA-28RT-201 S/N: 28R-7918104
Tach: 7076.9 TTAF: 7076.9
Cleaned interior of Aircraft. Removed cowlings and all inspection covers, ACF-50 Anti Corrosion Formula applied to airframe. Inspected fuel sump. Inspected and Lubed All Rod Ends, Pulleys, Hinges, Bell Cranks And Cables. Secured numerous wires underneath instrument panel from hitting control yoke. Installed Mtn View Aviation, LLC. Door Steward, in accordance with STC SA011205E (See FAA Form 337 for further details). Inspected Tires and brakes. Repacked wheel bearings. Performed gear retraction test, and emergency gear retraction test, no deficiencies noted at this time. Checked All Lights, Inspected air filter, Tested ELT IAW FAR 91.207 (d), tested OK. Battery due date: Oct./2024. Checked all AD's thru 2023-18. See AD list. I Certify This Aircraft Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In An Airworthy Condition at this time.

 Roy Matthews
A&P3484919 (IA)



Reg. Mark
N3069Y

Hobbs/Tach
2030.9 / 7103.0

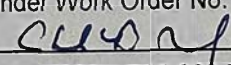
Make
Piper

Model
PA-28RT-201

S/N
28R-7918104

- 1. Removed the Piper PET-1 Electric Trim Servo, s/n 18611. Installed the Optional Pitch Trim Servo, p/n 011-02927-21, s/n 6N2021491 and interconnected to the previously installed Garmin GFC 500 Autopilot System in accordance with the GFC 500 Autopilot with Electronic Stability and Protection Part 23 AML STC Installation Manual, p/n 190-02291-00, rev 26, and GFC 500 Install Manual Addendum for Piper PA-28RT, 190-02291-49, revision 4. The system gains were configured IAW GFC 500 Gain Addendum for Piper PA-28RT, 005-01470-49, revision 4. Verified the proper operation IAW the Post Installation Checkout Procedures in Section 6 of the Installation Manual, and system ground checks good. Performed electrical load analysis in accordance with Section 3.6 of the previously mentioned Installation Manual. The Electrical Load change is -0.64 amps. The aircraft Weight & Balance/Equipment List was updated to reflect the removed and installed equipment changes.
- 2. Removed the Portable GPS from the right radio stack, and fabricated a cover plate. Removed the #2 GPS/Nav/Com GNS 430W from the right stack, and moved it to the left stack under the #1 GPS/Nav/Com. Lowered the Autopilot Controller to the bottom of the left stack. Moved the Transponder and Audio Panel to the right stack. Performed ground check of all radio equipment, and systems ground check good. Work performed IAW AC43.13-1B/2B.
- 3. Removed, repaired, and reinstalled the #2 GPS/Nav/Com GNS430W, P/N 077-01060-45, S/N 96300281. System ground checks good IAW Garmin GNS400W Series Installation Manual 190-00356-02, revision M.
- 4. Updated the Garmin G-5 ADI and HSI units from software version 8.02 to 8.20 IAW Garmin STC Service Bulletin 23047, revision A.

The article has been repaired and inspected in accordance with current FAA regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed.

Details are on file at this C.R.S under Work Order No. A-24-5243
Date 5/16/2024 Signed  Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

DATE

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TIME

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TBM
DAHER**MAC**
Muncie Aviation Company
An Employee Owned Company**Piper**Reg. Mark
N3069YHobbs/Tach
2031.6 / 7103.6Make
PiperModel
PA-28RT-201S/N
28R-7918104

1. Installed KGS Electronics RH28 Power Converter, s/n 273, for proper voltage input to the Garmin GNS430W #2 GPS/Nav/Com. #2 GPS/Nav/Com ground checks good. Work performed IAW Garmin GNS430W Installation Manual 180-00356-02, revision M, and KGS Electronics RH28 Installation Instructions. Revised Weight and Balance in the POH.
2. Removed rudder assembly and sent to Airframe Components for repair. Received repaired rudder assembly. Ref Airframe Components wo 24760. Rudder painted by Mark Paschal. Balanced rudder after paint and reinstalled. Torqued mounting hardware. Set cable tensions and safetied. Verified proper travel. Ref MM CH 55-40-02.
3. Removed cowl, drained oil, removed, and replaced filter with new, p/n CH48110-1. Serviced with 7 qts. Aeroshell 15W50. Reinstalled cowl. Ground run and leak check good.
4. Inspection revealed engine ring gear assembly and propeller improperly installed. Removed and reinstalled propeller and ring gear assembly using new o-ring. Torqued and safetied mounting hardware. Set alternator belt tension. Verified proper magneto timing. Performed propeller balance. Added weights as required to bring vibration level below .050 ips. See attached vibration analysis sheet for details. Ref Micro Vibe II users manual. Ground run and leak check good.

The article has been repaired and inspected in accordance with current FAA regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed.

Details are on file at this C.R.S under Work Order No. **A-24-5243**

Date **6/13/2024** Signed **CLUB** Inspector For Muncie Aviation Company

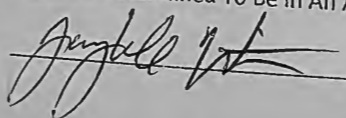
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

R.M. AVIATION INC.

10/12/2024 N3069Y Piper PA28RT-201 S/N: 28R-7918104

Tach: 7134.5 TTAF: 7134.5

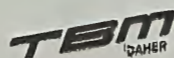
Cleaned interior of Aircraft. Removed cowl and all Inspection Covers. Inspected fuel sump. Replaced five inch scat tubing on right side of engine compartment. Inspected and Lubed All Rod Ends, Pulleys, Hinges, Bell Cranks And Cables. Removed fuselage entry step, repaired, repainted, new anti-slip tape installed on step, and reinstalled step with new hardware. Drill stopped cracks on right wing tip, left side lower rudder cap, and right side lower wing attachment bolt cover. Installed new pilot side storm vent window from Great Lakes Aero Products, P/N: W-2114. Inspected Tires and brakes. Performed gear retraction test, and emergency gear retraction test at this time, no deficiencies noted. Checked All Lights, Inspected air filter. Replaced ELT Battery with new ACK Technologies E-04.0 Battery. Tested ELT IAW FAR 91.207 (d), tested OK. Battery due date: August /2029. Checked All AD's Thru 2024-18 See AD List. All work described above was done in accordance with applicable Piper maintenance manuals, and FAR 43 app. D. I Certify This Aircraft Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In An Airworthy Condition at this time.



Jaykob Witter
A&P4382675(IA)

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MAC
Muncie Aviation Company
 An Employee Owned Company



Reg. Mark Hobbs/Tach
 N3069Y 2031.6 / 7103.6

Model PA-28RT-201 S/N 28R-7918104

1. Installed KGS Electronics RH28 Power Converter, s/n 273, for proper voltage input to the Garmin GNS430W #2 GPS/Nav/Com. #2 GPS/Nav/Com ground checks good. Work performed IAW Garmin GNS430W Installation Manual 180-00356-02, revision M, and KGS Electronics RH28 Installation Instructions. Revised Weight and Balance in the POH.
2. Removed rudder assembly and sent to Airframe Components for repair. Received repaired rudder assembly. Ref Airframe Components wo 24760. Rudder painted by Mark Paschal. Balanced rudder after paint and reinstalled. Torqued mounting hardware. Set cable tensions and safetied. Verified proper travel. Ref MM CH 55-40-02.
3. Removed cowlings, drained oil, removed, and replaced filter with new, p/n CH48110-1. Serviced with 7 qts. Aeroshell 15W50. Reinstalled cowlings. Ground run and leak check good.
4. Inspection revealed engine ring gear assembly and propeller improperly installed. Removed and reinstalled propeller and ring gear assembly using new o-ring. Torqued and safetied mounting hardware. Set alternator belt tension. Verified proper magneto timing. Performed propeller balance. Added weights as required to bring vibration level below .050 ips. See attached vibration analysis sheet for details. Ref Micro Vibe II users manual. Ground run and leak check good.

The article has been repaired and inspected in accordance with current FAA regulations and was determined to be airworthy with respect to the maintenance, preventative maintenance or alterations performed.

Details are on file at this C.R.S under Work Order No. _____
 Date 6/13/2024 Signed [Signature]
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

A-24-5243
 Inspector For Muncie Aviation Company

R.M. AVIATION INC.
 10/12/2024 N3069Y Piper PA28RT-201 S/N
 Tach: 7134.5 TTAF: 7134.5
 Cleaned interior of Aircraft. Removed cowlings
 fuel sump. Replaced five inch scat tubing on r
 Inspected and Lubed All Rod Ends, Pulleys, Hi
 Removed fuselage entry step, repaired, repair
 step, and reinstalled step with new hardware
 left side lower rudder cap, and right side lower
 Installed new pilot side storm vent window fr
 W-2114. Inspected Tires and brakes. Perform
 emergency gear retraction test at this time, n
 Lights, Inspected air filter. Replaced ELT Batte
 Battery. Tested ELT IAW FAR 91.207 (d), teste
 Checked All AD's Thru 2024-18 See AD List. All
 accordance with applicable Piper maintenance
 Certify This Aircraft Has Been Inspected In Acc
 And Was Determined To Be In An Airworthy C

[Signature] Jayko
 A&P43826

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GREAT LAKES AERO PRODUCTS, INC.
 915 Kearsley Park Blvd
 Flint, MI 48503
 www.glaero.com
 (810)-235-1402



** FAA/PMA APPROVED PART - PQ2056CE **

ITEM: STORM VENT WINDOW (CLEAR)
 PART NUMBER: **W-2114**
 AIRCRAFT MAKE AND MODEL: PIPER PA-28-140, -150, -160, -180, -151, -161, -181
 -235, -236, -201T, R-180, R-200, R-201, R-201T, RT-201, S-160, S-180
 PA-32-260, -300, -301, -301T, R-300, R-301(SP), R-310T, RT-300, RT-300T,
 PA-34, 200, -200T, 220T, PA-44-180, PA-44-180T
 PA-32R-301(HP), -301T, -301XTG
 SERIAL NUMBERS: (28) -140 21750 & UP, (-150, -160, -180, -3362 & UP),
 (-151, -161, -181, -201T, -236, ALL), (R-180, R-200, R-201, R-201T, RT-201,
 RT-201T ALL), -235 87310001 & UP, (32) -260 867 & UP, -300 40248 & UP,
 (-301, -301T, -301T, -301XTG, R-300, R-301, R-301T, RT-300, RT-300T ALL),
 (34) (-200, -200T, 220T ALL), PA-44-180 & 180T ALL SNS
 REPL PN: 65896-00, 65896-02

MANUFACTURE DATE: 08-15-2024 MANUFACTURE CODE: 1325895
 FOR CONTINUED AIRWORTHINESS SEE AIRCRAFT P.O.H. OR SERVICE MANUAL

PLEASE KEEP THIS TAG FOR YOUR LOG BOOK.

DATE

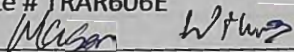
TOTAL
TIME
IN
SERVICETACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE: 8/1/2025 AIRCRAFT REGISTRATION: N3069Y MAKE: Piper MODEL: PA-28RT-201
SERIAL NUMBER: 28R-7918104 A/C TIME: 7181.2 (tach) 2112.4 (hobbs)

The altimeter and static system tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 14 CFR 91.413 have been performed and found to comply with 14 CFR part 43, appendices E and F. Altimeter(s) 8140B-20 SN 65702, Garmin G5 SN 4JQ042466, Garmin G5 SN 4JQ038166. Transponder GTX-345 SN 3EG006321. The altimeters were tested to 20,000ft. Altimeter/transponder data correspondence tested to 20,000 ft. Static system leak test passed.

FAA Repair Station Certificate # TRAR606E

Authorized Signature: _____



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