

AIRCRAFT LOG



AIRCRAFT LOG

PIPER AIRCRAFT, INC.

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

N 603 MA

Aircraft
Registration number

Part No. 230715

AIRCRAFT DESCRIPTION

Registration No. N603MA

Model: PA-46-600TP Popular Name: M600

Serial No.: 4698090 Type Certificate No.: A2550

Colors: BRT. SILVER SPARKLE / RADIANT RED & GLOSS BLACK
808401 777015 765268

Engine Manufacturer: PRATT & WHITNEY Serial Numbers: Single PCE-RM0823

Original Engine Model: PT6A-42A Left _____

Right _____

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single SF150

Original Propeller Model: 5D3-N338A1 Left _____

Right _____

Blade Numbers

Left

Right

B9544

B9545

B9522

B9520

B9546

2019 MODEL

NOTICE

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

PAINT TYPE: AXALTA IMRON POLYURETHANE

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
OCT 13 2018	Brought Forward →	6.0		<p>The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested: On (Pri) <u>08/14/18</u> at <u>55,000 ft.</u> (Sec) <u>08/14/18</u> at <u>55,000 ft.</u></p> <p>The ELT is installed per FAR 91.207. Battery Replacement date: <u>OCT 2024</u></p> <p>The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F.</p> <p>1. Make <u>Garmin</u> Model <u>GTX335R</u> S/N <u>3EF020701</u> 2. Make <u>Garmin</u> Model <u>GTX345R</u> S/N <u>3EH021746</u></p> <p>Details of this inspections are on File at this facility under: AFT S/N <u>4698090</u> Date <u>10/02/2018</u></p> <p>The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: <u>10/02/2018</u></p> <p>The standby altimeter and static system test required by FAR Part 91.411 have been performed. The standby altimeter has been tested to <u>40,000 ft.</u> on <u>06/26/2018</u>.</p> <p>I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.</p> <p>Signature: <u>Robert L. Olsen</u> Date <u>OCT 13 2018</u> ROBERT L. OLSEN DMS-991298919</p>
Total To Carry Forward		6.0		

Registration No. N603MA

and Remarks	Signature	Certificate No.


TBM
DAHER


Muncie Aviation Company
 An Employee Owned Company



<u>Reg. Mark</u>	<u>Hobbs</u>	<u>Make</u>	<u>Model</u>	<u>S/N</u>
N603MA	32.6	Piper	PA46-600TP	4698090

Removed GMA36B #1 P/N 011-01627-00 including P/N 011-04093-00 S/N 1RK110007. Installed Exchange unit GMA36B #1 P/N 011-01627-00 including P/N 011-04093-00 S/N 1RK110214. Performed LRU replacement software and configuration procedure and ramp checked per G3000 LMM pn 190-01597-00 November 2014 Revision D. LRU replacement section 5, Software loading section 6, system checkout and return to service section 8.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S. under Shop Order No. A-19-1925

Date 03-20-2019 Signed [Signature] Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



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Reg. Mark N603MA Hobbs/Tach 52.2 Make Piper Model PA46-600TP S/N 4698090

C/W 1st Warrantable 50 Hr Inspection using Piper Form 765-044
 Installed new evaporator assembly P/N 552-204 S/N 1210 I/A/W Piper M600 MM 21-50-00. op check is good.
 Performed leak check no leaks detected and serviced with 2.75 lbs of 134A freon and 1 oz of oil.
 Tightened Sunvisor friction set screws with an Allen wrench. Recommend grasping near the hinge to move
 Masked off windows and applied sealant to all windows except the pilot and co-pilot windshield.
 Complied with Piper SA46-29 SD card replacement Installed exchange Flight Stream
 510 P/N 011-03595-05 S/N 59Q000711

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed
 Details of the repair/inspection are on file at this C.R.S under Shop Order No. S-19-0844
 Date 5/1/2019 Signed [Signature] Inspector For Muncie Aviation Company

Total To Carry Forward				
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Registration No. _____

and Remarks	Signature	Certificate No.
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Reg. Mark N603MA Hobbs/Tach 60.4 Make Piper Model PA46-600TP S/N 4698090

Replaced 3 prop deice boot leads P/N 105555 Checked operation ok
 The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed
 Details of the repair/inspection are on file at this C.R.S under Shop Order No. S-19-0844
 Date 5/2/2019 Signed [Signature] Inspector For Muncie Aviation Company

Piper PA46-600TP S/N 4698090	03 NOV 2019	
THIS AIRCRAFT HAS BEEN INSPECTED AND HAS BEEN FOUND SAFE FOR THE INTENDED FLIGHT IN ACCORDANCE WITH SPECIAL FLIGHT PERMIT DATED 01 NOV 2019		
	Donnie Hammers	A+P 3318135
	<u>[Signature]</u>	

AIRCRAFT LOG



Reg. Mark N603MA Hobbs 182.4 Make Piper Model PA-46-600TP S/N 4698090

Upgraded G3000NG operating system to version 2975.05 per Piper Service Letter 1264 Dated Aug 16, 2019 using Service SW 2975.05-PA-46-600TP G3000NG and DWG NO.88637. Reloaded all optional Avionics systems and features. Ramp checked G3000NG system per Piper M600 Line Maintenance Manual P/N 190-02157-00 July 2017 Revision 2.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S under Shop Order No. A-19-2453
 Date 11/8/2019 Signed [Signature] Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

Total To Carry Forward				

Registration No.



Reg. Mark N603MA Hobbs/Tach 182.4 Make Piper Model PA46-600TP S/N 4698090 A/C TT 182.4 ETT 182.4 ETSOH 195 Prop 182.4

Annual Inspection completed this date Ref Piper Inspections Events #1 & #2
 C/W FAR91.207d 1,2,3 & 4 ELT checks Battery Due Replacement 9-2024
 C/W 50 Hr & 30,90 day 4,6 & 12 month specialsper MM Ch 05-30-00
 C/W Main Battery Capacity Test battery passed at 109.1%.
 C/W PSB1339A Generator Relay (K303) Installed new terminal on wires specified on the installation kit instruction
 C/W PSB1341 Lift Transducer Replacement Installed new lift transducer with ModA p/nC-55007-2 s/n 172222A-0.
 C/W PSL1264 Garmin G3000 NG Software Version 2975.05 Avionics work order A-19-2453
 C/W PSL 1272 Elevator spar inspection elevator spar No cracks or defects were found.
 C/W PSL1247A (supersedes PSL1247). Inspection of hoses revealed no leaks and no other discrepancies
 C/W PSL1249 Control Column Plug Modification no signs of difficulty moving at this time
 C/W PSL1131A, Aileron Sector Bearing Lubrication.
 Replaced Left Brake shim with new p/n 068-04100 while reassembling brake assembly
 Rotated Lt & Rt tires while reassembling main wheels using new o-rings p/n MS28775-261 and coating through bolts with CA1010-1160, Tightened through bolt nuts to 300 in-lbs. Inflated tires to 95 psi with nitrogen
 Removed Vent Blower assembly, inspected check-valve for proper operation and was found to be satisfactory
 See AD Listing Dated 11/8/2019 for Details
 I Certify that this Aircraft has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service.
 Details of the repair/inspection are on file at this C.R.S under Shop Order No. S-19-1056
 Date 11/12/2019 Signed [Signature] Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

No.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



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<u>Reg. Mark</u>	<u>Hobbs</u>	<u>Make</u>	<u>Model</u>	<u>S/N</u>
N603MA	267.3	Piper	PA-46-600TP	4698090

- Upgraded G3000 operating system to version 2039.15, per Piper Service Letter 1259, Dated May 24, 2019, using Service SW 2039.15-PA46-600TP G3000 and DWG NO.88644. Reloaded all optional Avionics systems and features. Ramp checked G3000 system per Piper M600 Line Maintenance Manual, P/N 190-02157-00, July 2017, Revision 2.
- Removed #2 Pitot Tube, and removed obstruction that was inside of tube. Reinstalled Pitot Tube. Leak checked Pitot/Static system good IAW FAR 43, appendix E, paragraph A, and AC43.13-1B Chapter 12, Section 4.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S under Shop Order No. A-20-2924
Date 8/4/2020 Signed [Signature] Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

Total To Carry Forward				
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Registration No. _____

and Remarks	Signature	Certificate No.
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<u>Reg. Mark</u>	<u>Hobbs/Tach</u>	<u>Make</u>	<u>Model</u>	<u>S/N</u>
N603MA	267.3	Piper	PA46-600TP	4698090

- Replaced Left Evaporator P/N 552-203 S/N 592 Right P/N 552-204 S/N 1240
Removed Same P/N Left S/N 1144 Rt S/N 1210 Replaced reciever dryer P/N 601-218
Leak tested and serviced system with 2.25 lbs. of 134A coolant

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S under Shop Order No. S-19-1162
Date 8/5/2020 Signed [Signature] Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

N603MA

PA-46-600TP

S/N 4698090

Hobbs 217.5hours

January 28, 2020 Removed left and right main tires and wheels. Replaced worn tires with two new Goodyear 18X5.5 tires P/N 185F88-6 serial numbers 42562138 on left and 40222083 on right.

Donnie Hammons
 Donnie Hammons
 A&P 3318135

N603MA

PA-46-600TP

S/N 4698090

Hobbs 343.8 hours

December 06, 2020 This aircraft has been Inspected and has been found safe for the intended Flight in accordance with Special Flight Permit dated December 03, 2020.

Donnie Hammons
 Donnie Hammons
 A&P 3318135



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Reg. Mark
 N603MA

Hobbs
 346.1

Make
 Piper

Model
 PA-46-600TP

S/N
 4698090

I certify that the altimeter / static system, transponder, and encoder have been tested as required by FAR 91.217, 91.411, and 91.413. Units were found to comply with the limits set in FAR 43, Appendices E & F to 30,000 ft.

Pilot's	: Mfg.	Garmin	P/N	011-03734-00	S/N	455001003
Date Tested:		12/14/2020				
Copilot's	: Mfg.	Garmin	P/N	011-03734-00	S/N	455001005
Date Tested:		12/14/2020				
Standby	: Mfg.	Aspen	P/N	910-00001-001	S/N	26140
Date Tested:		12/14/2020				
Trans #1:	Mfg.	Garmin	Model	GTX335R	S/N	3EF020701
Trans #2:	Mfg.	Garmin	Model	GTX345R	S/N	3EH021746
Encoder #1:	Mfg.	Garmin	Model	GDC72	S/N	455001003
Encoder #2:	Mfg.	Garmin	Model	GDC72	S/N	455001005

Details of the inspection are on file at this C.R.S. under Shop Order No.: A-20-3166
 Date 12/14/2020 Signed *CLB* Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



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Reg. Mark Hobbs Make Model S/N
N603MA 346.1 Piper PA-46-600TP 4698090

1. Performed Aspen Avionics EBD 1 and 2 year inspection. Work performed IAW Aspen Avionics Tech Note 2009-09, revision G, 991-00023-001, and Piper PA-46-X00TP Maintenance Manual, Chapter 34-24-00, Aspen Avionics EBD 1 and 2 year inspection.
2. Calibrated GAE 43 IAW PA-46-600TP, M600 Maintenance Manual, pg.'s 186 and 187.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S under Shop Order No. A-20-3166
Date 12/14/2020 Signed [Signature] Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

Total To Carry Forward				

Registration No. _____



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Reg. Mark Hobbs/Tach Make Model S/N A/C TT ETT ETSN Prop
N603MA 346.1 Piper PA46-600TP 4698090 346.1 346.1 346.1

Annual Inspection completed this date Ref Piper Inspections Events #1 & #2
C/W FAR91.207d 1,2,3 & 4 ELT checks Battery Due Replacement 9-2024
C/W 50 Hr & 30,90 day 4,6 & 12 month specialsper MM Ch 05-30-00
C/W Main Battery Capacity Test battery passed at 102.2%.
Comply with 2 year/400 hour fuel purge system inspection no defects noted at this time.
Compy with 2 year/500 hour fuel strainers inspection. no defects noted
Comply with 2 year magnetometer calibration.both sides GRS/GMU magnetic calibration
PSL 1233 Wing & Flap protective tape improvement Deferred at this time
C/W PSB 1343 Canted Frame doubler inspection No cracks were found
C/W PSB 1360 Aileron drive sector inspection, identified 4 each stake marks on each bearing with no motion
C/W PSL1238A Removed the seals and retaining hardware from ailerons,Balanced Lt & Rt ailerons
balance found to be within limits with Rt and Lt aileron at 2.25 lbs leading edge heavy
Reinstalled both ailerons using retained bolts and washers with new nuts p/n MS17826-4 and cotter pins.
See AD Listing Dated 12/7/2020 for Details
I Certify that this Aircraft has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service.
Details of the repair/inspection are on file at this C.R.S under Shop Order No. S-20-1629
Date 12/14/2020 Signed [Signature] Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

N603MA

PA-46-600TP

S/N 4698090

Hobbs 407.4hours

May 24, 2021 Removed left and right main tires and wheels.
 Replaced worn tires with two new Michelin 18X5.5 tires P/N 028-630-0 serial number 0092T00240 on left and 0298T00195 on right.
 Replaced wheel half o-rings with P/N M83461/1-261. Reinstalled both wheels all work done IAW M/M....

Donnie Hammons
 Donnie Hammons
 A&P 3318135



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Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT	ETSN	Prop
N603MA	486	Piper	PA46-600TP	4698090	486	486	486	486

Annual Inspection completed this date Ref Piper Inspections Events #1 & #2
 C/W 50 Hr & 30,90 day 4,6 & 12 month specials per MM Ch 05-30-00
 C/W 1 yr. Main Battery Capacity Test passed at 90.2%.
 C/W 1 yr Beta Ring and Carbon block inspection, replaced carbon block with new P/N CA3044 per Hartzell Manual 149
 C/W 500 hour pressurization inspection leak rate found to be within limits, return aircraft to original configuration.
 C/W 500 hour RGB oil scavenge screen inspection, removed plug and screen no debris found in screen,
 cleaned screen and installed screen and cover with new oring. TQ'd bolt to 40 in.lbs. secured with safety wire.
 500 hour landing gear warning oil pressure switch checked on flight test checks OK
PSB1350A Nose gear steering horn and arm inspection N/A aircraft S/N
 CW **PSB1360A** aileron drive sector inspection indicated no defects bearing or bearing house
 C/W **PSB1369** Elevator spar inspection "No" defects noted at this time.
 C/W **PSL1280** Rudder bar inspection "No" defects noted at this time.
 C/W **PSL1286D** Nose Landing Gear Steering Components Inspection and Adjustment per instructions
 C/W **PSL1285B** removed tire and main pressure placards. Cleaned area and replaced with new placards.
 Replaced Left wing static wick with new wick P/N 456-904
 Bottom of fuselage drain placard replaced with new P/N 656-250
 Applied gray RTV 157 to lower cabin door, Pressurized cabin, door seal leak check is good per Ch 52

See AD Listing Dated 12/1/2021 for Details
 I Certify that this Aircraft has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service.
 Details of the repair/inspection are on file at this C.R.S. under Shop Order No. S-21-2104
 Date 12/3/2021 Signed [Signature] Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

AIRCRAFT LOG



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Reg. Mark Hobbs Make Model S/N
N603MA 486.0 Piper PA-46-600TP 4698090

1. Complied with 3 year GSA8X servo actuator gear lubrication IAW 22-11-00.
2. Complied with Piper Service Letter 1292A Garmin G3000NG software version 2975.22.
3. Complied with 3 year Aspen Avionics EBD battery replacement IAW 34-24-00. Replaced Aspen EBD Battery, p/n 409-00003-001, s/n 182300030, with new exchange unit s/n 2131000083.
4. Complied with 1 year GFC-700 Autopilot inspection including servo cable condition and tension check; and autopilot clutch overpower check IAW 22-10-00.
5. Complied with Federal Aviation Regulation 91.207d 1,2,3, and 4 ELT check. Battery expiration date; October 2024. Inspected battery. Performed an operational and functional check with no discrepancies noted at this time.
6. Complied with Garmin G3000 1 year/100 hour inspection IAW 34-25.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S. under Shop Order No. A-21-3777
Date 12/3/2021 Signed CWS Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

Total To Carry Forward

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Reg. Mark Hobbs Make Model S/N
N603MA 590.4 Piper PA-46-600TP 4698090

I certify that the altimeter / static system, transponder, and encoder have been tested as required by FAR 91.217, 91.411, and 91.413. Units were found to comply with the limits set in FAR 43, Appendices E & F

to	<u>30,000</u>	ft.			
Pilot's	: Mfg.	<u>Garmin</u>	P/N	<u>011-03734-00</u>	S/N <u>455001003</u>
	Date Tested:	<u>11/11/2022</u>			
Copilot's	: Mfg.	<u>Garmin</u>	P/N	<u>011-03734-00</u>	S/N <u>455001005</u>
	Date Tested:	<u>11/11/2022</u>			
Standby	: Mfg.	<u>Aspen</u>	P/N	<u>910-00001-001</u>	S/N <u>26140</u>
	Date Tested:	<u>11/11/2022</u>			
Trans #1:	Mfg.	<u>Garmin</u>	Model	<u>GTX335R</u>	S/N <u>3EF020701</u>
Trans #2:	Mfg.	<u>Garmin</u>	Model	<u>GTX345R</u>	S/N <u>3EH021746</u>
Encoder #1:	Mfg.	<u>Garmin</u>	Model	<u>GDC72</u>	S/N <u>455001003</u>
Encoder #2:	Mfg.	<u>Garmin</u>	Model	<u>GDC72</u>	S/N <u>455001005</u>

Details of the inspection are on file at this C.R.S. under Shop Order No.: A-22-4320
Date 11/11/2022 Signed CWS Inspector For Muncie Aviation Company
CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

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Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



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<u>Reg. Mark</u>	<u>Hobbs</u>	<u>Make</u>	<u>Model</u>	<u>S/N</u>
N603MA	590.4	Piper	PA-46-600TP	4698090

1. Complied with 2 year GAE-43 calibration IAW 34-25-01.
2. Removed Aspen EFD1000 and RSM, and checked connections good. Performed Air Data Calibration IAW Aspen Avionics Tech Note 2009-09, revision D. Complied with 1 and 2 year inspections of Aspen Evolution Backup Display IAW 34-24-00. Work performed IAW Aspen Avionics EFD1000 ICA Document 900-00012-001, revision AE.
3. Complied with Federal Aviation Regulation 91.207d 1, 2, 3, and 4 ELT check. Inspected battery. Battery expiration date; October 2024. Performed an operational and functional check with no discrepancies noted at this time.
4. Complied with 12 month GFC700 Autopilot Inspection IAW 22-10-00.
5. Complied with Garmin G3000 1 year inspection IAW 34-25-01, 02, 03.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S under Shop Order No. A-22-4320
 Date 11/11/2022 Signed CLYBA Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

Total To Carry Forward				
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Reg. Mark	Hobbs	Make	Model	S/N	A/C TT	ETT	Prop
N603MA	590.4	Piper	PA46-600TP	4698090	590.4	590.4	590.4

1. Completed Annual Inspection IAW Piper Inspection Report P/N 767-008.
2. Complied with 50 hour, 30 and 90 day, 4, 6, and 12 month special inspection. Ref Piper Special Inspection Checklist. MM CH 5-30-00.
3. Complied with 1 year battery capacity test. Performed a top charge and a capacity check, battery passed at 88.6%.
4. Complied with 2 year fuel purge inspection. No defects noted.
5. Complied with 2 year fuel strainer inspection. No defects noted.
6. Complied with 2 year Standby compass and magnetometer calibration. No defects noted.
7. Completed compressor wash and fuel nozzle in-situ cleaning.
8. Complied with Pratt & Whitney VSP 269/PSB 3501 R1. Fuel oil heater upgrade. Removed, p/n 1058K Rev D, s/n WA57932 and replaced with overhauled, p/n 10994A, s/n WA10961
9. Complied with Piper SB1370A. Inertia separator duct shredder angle modification/replacement. Installed reinforcements, left, p/n 46P710045-001 and right, p/n 46P710045-002, to shredder angles. Ref Piper Kit p/n 88700-702, 8130 w/o SA113052.
10. Complied with PSB 1364A Fuel Quantity Capacitance Probe check. Right #2 probe s/n DT1158K and left #2 probe s/n DT1162K. Both probe serial numbers are not in the suspected range of probes to be replaced. Checked maximum acceptable probe values. Performed fuel accuracy check. No defects noted. Ref. Piper PA-46-600TP MM 28-40-00.
11. Complied with PSL1286D Nose Landing Gear Steering Components Inspection and Adjustment. No defects noted.
12. Complied with PSL 1280 Rudder bar inspection. No defects noted.
13. Complied with PSL 1285C Proper Tire Pressure Maintenance. Installed new placards p/n, nose 100700-164, mains 1007-163.
14. Complied with PSL 1314 Oxygen Generator inspection. No defects noted.
15. Complied with PSL 1233 Wing and Flap Protective Tape Improvement. Removed and replaced tape with new, p/n 380-066.



AIRCRAFT LOG



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Reg. Mark	Hobbs	Make	Model	S/N	AC TT	ETT	PTSN
N603MA	848.0	Piper	PA46-600TP	4698090	848.0	848.0	848.0

- Completed an Annual inspection IAW Piper MM CH 5-20-00.
- Complied with 50 hour, 30 and 90 day, 6, and 12 month special inspection. IAW MM CH 05-30-00.
- Complied with 1 year oxygen mask test and service. No defects noted. Serviced oxygen to 1850 psi.
- Complied with 1 year Beta Ring and Carbon block inspection. Replaced beta block with new CA3044. Ref MM CH 61-10-00.
- Complied with 1 year fire extinguisher inspection. No defects noted.
- Complied with 1 year engine mount inspection. No defects noted.
- Complied with 5 year oxygen bottle hydrostatic test. Ref Aerospace Rotables wo WO198451. Serviced to 1850 psi with aviator breathing oxygen. Next Due. 11/17/2028.
- Complied with 5 year pushrod and attach fitting inspection/lube. No defects noted. Ref. MM CH's 57-40-00, 55-30-00, 55-10-00 and 27-50-00.
- Complied with 300 hour oxygen cylinder system inspection. No defects noted. Serviced oxygen to 1850 psi.
- Complied with 300 hour starter generator cleaning and inspection. No defects noted.
- Complied with 400 hour fuel manifold adapters inspection. Removed and reinstalled nozzles after inspection by Standard Aero, using new orings and gaskets, torqued and saftied. Ref. P&WC MM CH 73-10-03. Ref Standard Aero wo RPR6298.
- Complied with 400 hour hot section borescope inspection. No defects noted.
- Performed compressor wash and fuel nozzle insitu cleaning.
- Complied with PSB 1390. Inspected nose gear down spring per step 2. No defects noted.
- Complied with PSB 1364A Fuel Quantity Capacitance Probe Check Part II. System failed fuel accuracy check. Performed fuel calibration. Ref MM CH 28-40-00.

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- Complied with PSB 1360A Aileron Drive Sector Inspection part 1. No defects noted.
- Complied with PSB 1369. Elevator spar inspection. No defects noted.
- Complied with PSL 1315 Elevator Trim Tab Push-rods Corrosion Control Inspection. No defects noted.
- Complied with PSL 1286D Nose Landing Gear Steering Components Inspection and Adjustment. No defects noted.
- Complied with VSP 287 Turboprop Cable Ignition Inspection. Found both igniter cables fall into suspected date codes. No defects noted. Reinspect annually.
- Replaced left gull wing door support rod with new, p/n 101595-002. Ref Piper wo ST0965873.
- Replaced left wheel cover inflation valve panel with new, p/n 46W320017-001.
- Retorqued right wing, inboard aft fuel panel screws.
- Replaced rudder trim switch backlighting bulb with new, p/n 472-200.
- Removed, disassembled, cleaned, inspected, and reassembled right and left main gear struts using new bearings, p/n 452-806 and 452-807, orings and seals. Ref Piper wo SA0116356 & SA0116355. Ref MM CH 32-10-00.
- Adjusted right main gear door. Ref MM CH 32-10-00.
- Repaired cabin door forward section of middle door seal.
- Adjusted engine idle speed. Ref MM CH 76-10-00.
- Adjusted right and left aileron cable tensions. Ref MM CH 27-10-00.
- Replaced main battery with new 24 volt, 38AH, p/n 601-910, s/n 41264433. Ref Piper wo ST0968077C. Ref MM CH 24-30-00.
- Replaced left flap rod bellow at fuselage with serviceable bellow, p/n 82938-003/452-330. Ref Muncie Aviation serviceable tag. Ref MM CH 27-50-00.
- Operational and leak check of all above items found to be satisfactory.

See AD list dated 11/16/2023 for details.

I certify that this Airframe has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current regulations of Federal Aviation Agency, approved for return to service.

Details for the repair/inspection are on file at this C.R.S under Shop Order No. S-23-2967
Date: 11/21/2023 Signed: [Signature] Inspector for Muncie Aviation Company
CRS#AJVR135C, Muncie, Indiana 47303 765-289-7141

