

Aircraft Record General Information

Manufacturer PIPER

Model PA32R300

Serial 7780359

Registration Number N5677V

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Lyco

Model D540 KIG 5D

Serial L16485-48A

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer McCaughey

Model B3D36C427/82NGA-2

HUB Model _____

Serial 961454

Serial _____

Blade Model _____

Serial _____

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Blade Model _____

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-30-2016				Annual insp c/w this date, lubed control
A/C T.T. 3812.7				hinges, pins, pulleys. greased + lubed gear
ENG 5 MPH. 1680.7				inspected all wheel bearings, Replaced
PROP T.T. 1457.5				Rh + Lh main tires + tubes and Lh brake
Tach. 676.7				linings, did gear strake + emu ext.
				cleaned spark plugs, checked timing, dressed + painted
				prop. Replaced bracket air filter replaced BF-5-1 filter
				reattached Lh + Rh interior qid straps. Replaced several
				rivets bottom Lh + Rh pillars, replaced fuel muffle Lh clamp
				Replaced # 2 cyl with repaired, new rings, replaced seats + valves
				c/w EIT insp per FAR 91.207d replaced battery next due Oct 2018
				c/w AD 95-26-13 visual insp of oil cooler hoses next due 3912.7
				C/W AD 2008-14-07 visual insp of fuel lines + clamps next due 3912.7
				C/W AD 78-23-01 visual + pump test of fuel strainer door next due 3912.7
				C/W AD 2013-02-13 visual insp of elevator control cable turnbuckles next due
3912.7				I certify that this aircraft has been insp in accordance with the
				annual insp + was determined to be in a Airworthy Condition
				Cleaned fuel screen

AT

DATE

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Grand Rapids, MI 49501

DATE	11-9-16	S.O.	59138
MAKE	Piper	N#	N5677V
MODEL	PA-32R-300	S/N	32R-7780359
HOURS	3681.7		

The following altimeter and altitude reporting equipment test and inspections required by FAR 91.411 IAW FAR Part 43, Appendix "E" have been performed:

Paragraph (a) Static Pressure System:
Certification Date: 11-9-16

Pilot (#1): ☒ Copilot: ☐ Standby: ☐

The ATC Transponder tests and inspections required by FAR 91.413 IAW FAR Part 43, Appendix "F" have been performed:

Transponder Certification Date: 11-9-16

#1 Model:	P/N:	S/N:
GTX 330	011-00455-60	84148164
#2 Model:	P/N:	S/N:

Paragraph (b) Altimeter:

SYSTEM	PART NUMBER	SERIAL NUMBER	TESTED TO:
#1 Altimeter	5834P-1 A.56	T4921	20,000 ft.
#1 Encoder	AR-500	17008	20,000 ft.
#2 Altimeter			
#2 Encoder			
Standby Altimeter			

Paragraph (c) Automatic Pressure Altitude Reporting Equipment and ATC Transponder System Integration Test:

#1 System ☒

#2 System ☐

Certification Date: 11-9-16

FOR FAA CRS

DATE: 11-9-16

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Grand Rapids, MI 49512

DATE	11-11-16	S.O.	59138
MAKE	Piper	N#	N5677V
MODEL	PA-32R-300	S/N	32R-7780359
AVC HOURS	3681.7		

Removed, repaired, and reinstalled the Edo Aire 1C508-1-529D Pitch Servo, S/N 5882A. Performed ground operations checks – no discrepancies noted.

- o All work performed referencing the Century Flight Systems Manual No. 68S54, Rev 6 and 68S371, Rev 1.

All items were ground checked in accordance with their respective manuals for proper operation and to ensure no adverse reactions occurred to other onboard systems or equipment. Work performed in accordance with current FAA regulations and in respect to work performed on the aircraft. [Signature] [Redacted] for return to service.

FOR FAA CRS [Redacted]

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/2/2017	3857.0	ANNUAL INSP.		C/W ON THIS DATE. RAR UH AILERON ROD END.
ACTT	7877.7	INSPECTED AND		REPACKED WHEEL BEARINGS. REPLACED ONE
ENG SMCH	1786.0	NOSE WHEEL		BEARING AND RACE. LUBED LANDING GEAR.
PROP TT	1562.8	DID GEAR RETRACTION, AND EMERGENCY EXTEND SEVERAL		TIMES. LUBED CONTROL HINGES, PULLEYS & PINS. RAR ALTERNATOR
TACH	741.3	BELT. CLEANED THE BELLY, WIRE BRUSHED, PAINTED AND		SERVICED MLC
		PAINTED SPOTS WHERE PAINT WAS MISSING. DRESSED		STRUCTS.
		AND PAINTED PROP. CLEANED FUEL SCREEN, LEAK CHECK		GOOD. CLEANED PLUGS AND CHECKED TIMING AND COMPRESSION
		SEE ENG LOGBOOK, REPLACED BRACKET AIR FILTER.		
		C/W ELT INSP PER FAR 91.207 BATTERY DUE 10-2018		
		C/W AD 95-26-13 SUPERCEDED BY AD 2017-1404 C/W BY HOSE		
		REPLACEMENT. NEXT INSP DUE @ TACH TIME 841.3. REPLACEMENT		
		DUE NOV 2025 OR TACH TIME 1741.3		
		C/W AD 2008-14-07. VISUAL INSP OF INJECTOR FUEL		
		LINES AND CLAMPS. NEXT INSP DUE 841.3 TACH TIME		
		C/W AD 28-28-01 VISUAL INSP AND FUNCTIONAL TEST		

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DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				OF FUEL STRAINER DRAIN DOOR. NEXT INS. DUE @ 841.3 TACH TIME C/W AD 2013-02-13 VISUAL INSPECTION OF STABILATOR CONTROL CABLES AND TURNBUCKLES.
				NOTE: AD 2005 NEXT MAGNETO IMPULSE COUPLING INSPECTION DUE AT 821.6 HRS TACH TIME.
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION SCOPE AND DETAIL 43.13 APPENDIX D AND IS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS TIME. [REDACTED] 1P IA

Service Charge

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

BMG Aviation Inc.

01/19/18

Bloomington, IN 47403

N5677V

Replace Left & Right Brake Disc with New
Remove Clean & Reinstall #4 Fuel Injector.
Ops check & return to service.

Wyatt Hatton

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07/10/2019

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Bloomington, IN 47403 Ph

Registration: N5677V

Piper Model: PA32R300 S/N: 7780359

AFTT: 3919.0 ESMOH: 1848.0 HOBBS: 803.3 PSN: 1624.82

1. Service Battery & Inspect Battery Box
2. Remove Left Wing, Install New Forward Spar Wing to Fuselage Attach plate
3. Inspect Attach Points
3. Rigged Flight Controls & Trim System
4. Lube Control Surfaces
5. Check & Adjust Cable Tensions
6. Removed all Wheels, Inspect, Balance & Realign
7. Clean & Repack All Wheel Bearings
8. Reseal Left & Right Brake Caliper, & Service Brakes with 5606
9. Reseal MLG Struts & Service with 5606
10. Reseal Nose Strut & Service with 5606
11. Install New Bushings in Nose Gear, Reseal Nose Gear Actuator
12. Repair Nose Gear Actuator Mounting Plate at Firewall
13. Retorque Vertical Stabilizer Attach points
14. Install new Bushings in Elevator Stabilizer Attach Points
15. Perform 500 hr Mag Inspection, Install new Points and
Next due: Hobbs: 1303.3
16. Replace Air Filter
17. Remove Engine Mount Send out for Repair & Re- Install
18. Remove Starter & Install New Sky-tec Starter
19. Replace 3 Mufflers and RH Exhaust Stack with new
20. Retorque Wing Attach Points, Reseal Wing roots
21. Inspect ELT Battery per 91.207(d) Replaced Battery next due 01/21
22. Repair Muffler Shroud.

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AD# 78-16-08R2 Engine Oil PCW 2/1/79

AD# 78-23-01 Fuel Drain C/W by Inspection Next Due Hobbs: 903.3

AD# 93-05-10 Nose Landing Gear PCW 7-28-93

AD# 95-20-07 Landing Gear Inspection

AD# 97-01-01 N/A by Model

AD# 97-01-01R1 PCW 9-18-96

AD# 02-12-07 Engine Oil N/A by oh date

AD# 04-10-14C1 Crankshaft Gear Due at Prop Strike Sudden Stop or OH

AD# 09-02-03 Lean Engine C/W by Inspection Next Due AFTT: 3969

AD# 12-03-06 Avstar Fuel Servo N/A not installed

AD# 13-02-13 Horizontal Stab. Control Sys C/W next Due AFTT: 5919 or 07/2026 (occurs first)

AD# 12-19-01 Crankshaft Gear N/A by OH Date

AD# 15-19-07 Fuel Injector Lines C/W by Inspection Next Due AFTT 4019

AD# 17-14-04 Oil Cooler Hoses C/W by inspection Next Due AFTT: 4019

AD# 17-16-11 Connecting Rod N/A by SB 632B Table 1 & 2

I certify that this Aircraft has been inspected IAW FAR 43 Appendix "D" Annual / 100 HR Inspection and was determined to be in airworthy condition and returned for service.

Bob Burke [REDACTED] AP [REDACTED]

Price Charge

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

Belle Aircraft Maintenance [REDACTED] Fletcher, NC 28732 [REDACTED]
8/28/19 N5677V PA32R-300 SN:32R7780359 Tach:3834.9

Removed and replaced vacuum pump with overhauled vacuum pump, PN215CC,
SN:186423. Ops checked good.

[REDACTED] A&P [REDACTED]
David G. Phillips

12/05/2019

BMG
Jet Center

[REDACTED] Bloomington, IN 47403 Ph [REDACTED]

Registration: N5677V

Piper Model: PA32R300 S/N: 7780359

AFTT: 3984.9 ESMOH: 1913.9 HOBBS: 869.2 PSN: 1690.72

1. Replace Right Main Tire & Tube & Balance
2. Service Nose & Left Strut
3. Return Aircraft for service.

Bob Burke [REDACTED] A [REDACTED]

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07/18/2020

Bloomington, IN 47403

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- Registration: NS677V
Piper Model: PA32R300 S/N: 7780359
AFTT: 4036.70 ESMOH: 1965.7 HOBBS: 921.0 PSN: 1742.52
1. Service Battery & Inspect Battery Box
 2. Inspect ELT Battery per 91.207(d) Replaced Battery next due 07/2022
 3. Inspect Attach Points
 4. Lube Control Surfaces
 5. Check & Adjust Cable Tensions
 6. 500 hr Mag Inspection Next due: Hobbs: 1303.3
 7. Service Brakes with 5606
 8. Service Main Struts
 9. Fit & Paint New Horizontal End Caps
 10. Install Quadrant Label Plate
 11. Install new Bracket Air Filter & New Vacuum Reg Filter
 12. Inspect & Label Fire Extinguisher

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) AD# 78-16-08R2 Engine Oil PCW 2/1/79 AD# 78-23-01 Fuel Drain C/W by Inspection Next Due Hobbs: 1021.0 AD# 93-05-10 Nose Landing Gear PCW 7-28-93 AD# 95-20-07 Landing Gear Inspection AD# 97-01-01 N/A by Model AD# 97-01-01R1 PCW 9-18-96 AD# 02-12-07 Engine Oil N/A by oh date AD# 04-10-14C1 Crankshaft Gear Due at Prop Strike Sudden Stop or OH AD# 09-02-03 Lean Engine C/W by Inspection Next Due AFTT: 4086.7 AD# 12-03-06 Avstar Fuel Servo N/A not installed AD# 13-02-13 Horizontal Stab. Control Sys C/W next Due AFTT: 5919 or 07/2026 (occurs first) AD# 12-19-01 Crankshaft Gear N/A by OH Date AD# 15-19-07 Fuel Injector Lines C/W by Inspection Next Due AFTT 4136.7 AD# 17-14-04 Oil Cooler Hoses C/W by inspection Next Due AFTT: 4136.7 AD# 17-16-11 Connecting Rod N/A by SB 632B Table 1 & 2 I certify that this Aircraft has been inspected IAW FAR 43 Appendix "D" Annual / 100 HR Inspection and was determined to be in airworthy condition and returned for service. Bob Burke _____ AP _____

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



Bloomington, IN 47403

04/30/2021

Registration: N5677V
Piper Model: PA32R300 S/N: 7780359
Engine Model: IO-540-K1G5C SN: L-16485-48A
AFTT: 4050.5 ESMOH: 1979.5 Tach: 921.0

Install new Airstop Tube Right Main Tire & Balance
Replace missing screws in Tail Nav Light

Bob Burke [redacted] A [redacted] A



08/13/2021

Bloomington, IN 47403

Registration: N5677V

Piper Model: PA32R300 S/N: 7780359

AFTT: 4054.2 ESMOH: 1983.2 HOBBS: 937.5 PSN: 1760.02

1. Service Battery & Inspect Battery Box
2. Inspect ELT Battery per 91.207(d) Battery next due 07/2022
3. Inspect Attach Points
4. Lube Control Surfaces
5. Check & Adjust Cable Tensions
6. 500 hr Mag Inspection Next due Hobbs: 1303.3
7. Service Brakes with Aeroshell 31
8. Service Main Struts
9. Install new Bracket Air Filter & New Vacuum Reg Filter
10. Inspect & Label Fire Extinguisher
11. Diagnose & Repair LG Hyd. Pump Shuttle Valve due to intermittent gear extension. Service with Aero Shell 31

AD# 78-16-08R2 Engine Oil PCW 2/1/79

AD# 78-23-01 Fuel Drain C/W by inspection Next Due AFTT: 4154.2 / Hobbs: 1037.5

AD# 93-05-10 Nose Landing Gear PCW 7-28-93

AD# 95-20-07 Landing Gear Inspection

AD# 97-01-01 N/A by Model

AD# 97-01-01R1 PCW 9-18-96

AD# 02-12-07 Engine Oil N/A by oh date

AD# 04-10-14C1 Crankshaft Gear Due at Prop Strike Sudden Stop or OH

AD# 09-02-03 Lean Engine C/W by inspection Next Due AFTT: 4104.2 Hobbs: 987.5

AD# 12-03-06 Avstar Fuel Servo N/A not installed

AD# 13-02-13 Horizontal Stab. Control Sys C/W next Due AFTT: 5919 or
07/2026 (occurs first)

AD# 12-19-01 Crankshaft Gear N/A by OH Date

AD# 15-19-07 Fuel Injector Lines C/W by inspection Next Due AFTT 4154.2 / Hobbs: 1037.5

AD# 17-14-04 Oil Cooler Hoses C/W by inspection Next Due AFTT: 4154.2 / Hobbs: 1037.5

AD# 17-16-11 Connecting Rod N/A by SB 632B Table 1 & 2

AD# 20-26-16 Lower Wing Spar Factored Service Hours 332.6

I certify that this Aircraft has been inspected IAW FAR 43 Appendix "D" Annual / 100 HR
Inspection and was determined to be in airworthy condition and returned for service.

Bob Burke

Service Charge



09/16/2021

Bloomington, IN 47403

N5677V

Piper Model: PA32R300 S/N: 7780359

AFTT: 4055.9 HOBBS: 939.2

Replace Nose Tire & Tube. Balance
Ops Check and Return A/C for Service.

Bob Burke

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or Repair Facility. (See back pages for other specific entries.)