

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations	per of ntries.)
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20

DA

Make: Piper Aircraft
 Model: PA-32R-301 (*Saratoga II HP*)
 Registration No: N9236J
 Airframe S/N: 3213067
 Engine Make & Model: Lycoming IO-540-K1G5
 Engine S/N: L-25154-48A
 Work Order No: 548022

Discrepancy Date: 02/01/2023

Hobbs: 3,996.2

Tach Time: 3,791.1

AIRFRAME LOGBOOK ENTRY | ANNUAL INSPECTION 2023

Discrepancy: AIRFRAME ANNUAL INSPECTION DUE AT HOBBS: 3,996.2 - DATE: 02/2023.

Corrective Action: C/W AIRFRAME ANNUAL INSPECTION 14 CFR §43 APPENDIX "D". SERVICED MLG AND NLG STRUTS WITH ULTRA HIGH PURITY DRY NITROGEN TO SERVICE LIMITS. R/R'ed BOTTOM AND LH SIDE-WALL COWLING'S HEAT SHIELD. R/R'ed ALL POWERPLANT SCAT DUCTING. R/R'ed POWERPLANT INDUCTION AIR FILTER ELEMENT AND BRACKET P/N ON BA-104. R/R'ed ALL INSTRUMENT PANEL COURTESY LIGHTS TO LED BI-POLAR LAMPS P/N ON 330. INSPECTED ELT 14 CFR §91.207(d)(1). ELT BATTERY DUE ON FEB/05/2026. REMOVED, REBUILT AND RE-INSTALLED NLG SHIMMY DAMPENER. R/R'ed LH AND RH MLG BRAKE LININGS P/N ON 066-03600.

AD COMPLIANCE RECORD - N9236J					
AD	SYNOPSIS	COMPLIANCE STATUS	COMPLIANCE DATE	DUE	
				HOBBS	DATE
76-07-12	Mag. Function Check	C/W	03/2023	4,096.20	03/2024
15-19-07	Fuel Injection Lines	C/W	03/2023	4,096.20	03/2024
99-04-04	Slick Impulse Coupling	N/A - Electronic Mag. Upgrade	N/A	N/A	N/A

ALL WORK PERFORMED 14 PIPER AIRCRAFT PA-32R-301 SARATOGA II HP MAINTENANCE MANUAL (MM) ANNUAL INSPECTION CHECKLIST. PERFORMED ENGINE GROUND RUN-UP AND POST-MAINTENANCE TEST FLIGHT, ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME.

RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR §91.409
 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN
 AIRWORTHY CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE.
 NEXT INSPECTION IS DUE IN THE NEXT 12 CALENDAR MONTHS 03/2024.

DATE OF COMPLETION: 03/01/2023

SIGNED:

Miguel Angel del Rosario Ramirez
 FAA A8

WORK ORDER: 548022

Printed in: Grand Rapids, MI

YEAR
20
DATE

Make: Piper Aircraft
Model: PA-32R-301 (Saratoga II HP)
Registration No: N9236J
S/N: 3213067
Engine Make & Model: Lycoming IO-540-K1G5
Engine S/N: L-25154-48A
Work Order No: 548097

Discrepancy Date: 10/09/2023
Hobbs: 4,105.7
Tach Time: 3,896.1

Alterations
Number of
entries.)

AIRFRAME LOGBOOK ENTRY

Discrepancy: LH & RH MLG TIRES, HAVE FLAT SPOTS AND REQUIRE REPLACEMENT.

Corrective Action: REPLACED LH AND RH MLG TIRE & TUBES AS FOLLOWS:

LOCATION	NOMENCLATURE	PART NO.	SERIAL NO.
LH MLG	6.00-6 (8 PLY) Tire Goodyear Flight Custom III	606C86-6	12920238
RH MLG	6.00-6 (8 PLY) Tire Goodyear Flight Custom III	606C86-6	20220088
LH MLG	6.00-6 Goodyear Flight MateTube	302-246-401	NSN
RH MLG	6.00-6 Goodyear Flight MateTube	302-246-401	NSN

INSPECTED WHEEL ASSY, AND INNER BEARING RACE, NO DAMAGE NOTED. BRAKE LININGS AND BRAKE ROTORS FOUND WITHIN LIMITS. CLEANED AND GREASED LH AND RH MAIN WHEEL AXLE. RE-INSTALLED LH AND RH MAIN WHEEL ASSY. ALL WORK PERFORMED IAW PIPER PA-32R-301 AMM. REF. AC 43.13-1B. PERFORMED ENGINE GROUND RUN-UP, ALL ENGINE PARAMETERS SATISFACTORY, NO ABNORMAL READINGS, OR VIBRATIONS NOTED, BRAKE PRESSURE FOUND OK. A/C OK TO CONTINUE SERVICE.

RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR §91.409 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE.

DATE OF COMPLETION: 10/09/2023

SIGNED: [REDACTED]
Miguel Angel del Rosario Ramirez

WORK ORDER: 548097
Printed in: Grand Rapids, MI

CoreFlight

10/23/2023 / ELT

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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YEAR
20____
DATE

Make: Piper Aircraft
Model: PA-32R-301 (Saratoga II HP)
Registration No: N9236J
Airframe S/N: 3213067
Work Order No: 548152

Discrepancy Date: 02/12/2024
Tach Time: 3,926.2
Hobbs: 4,138.3

AIRFRAME LOGBOOK ENTRY | ANNUAL INSPECTION 2024

Discrepancy: AIRFRAME ANNUAL INSPECTION DUE AT HOBBS: 4,138.2 - DATE: 02/2024.

Corrective Action: C/W AIRFRAME ANNUAL INSPECTION IAW 14 CFR §43 APPENDIX "D". INSPECTED ELT IAW 14 CFR §91.207(d)(1). OPS CHECK GOOD. ELT BATTERY DUE ON 05/2026. SERVICED MLG AND NLG STRUTS WITH MIL-PRF-5606 AND ULTRA HIGH PURITY DRY NITROGEN TO SERVICE LIMITS. RIGGED LH & RH AILERON CONTROL CABLES TO FACTORY SETTINGS. REPLACED TAXI LIGHT HOT WIRE WITH NEW WIRE ASSY. REMOVED, CLEANED, INSPECTED, AND REGREASED ALL MLG AND NLG WHEEL BEARINGS. REBUILT AND SERVICED NLG SHIMMY DAMPER ASSY A/R R/Replaced FLAP SELECTOR CABLE ASSY. WITH NEW PN 87765-041. R/Replaced ALTERNATOR BELT WITH NEW PN 452-876. R/Replaced LH & RH MLG BRAKE ASSY SHIMS WITH NEW PN CLEVELAND 068-01100. ALL ICAs C/W AT THIS TIME. ALL CURRENT AD's C/W, AS FOLLOWS:

14 CFR Part §39 - AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD - N9236J					
AD	SYNOPSIS	COMPLIANCE STATUS	COMPLIANCE DATE	NEXT DUE	
				HOBBS	DATE
76-07-12	Mag. Function Check	C/W - Passed	03/2024	4,238.3	03/2025
15-19-07	Fuel Injection Lines	C/W - No Damage Noted	03/2024	4,238.3	03/2025
99-04-04	Slick Impulse Coupling	N/A - Electronic Mag. Upgrade	N/A	N/A	N/A

ALL WORK PERFORMED IAW PIPER AIRCRAFT PA-32R-301 SARATOGA II HP MAINTENANCE MANUAL (MM). ANNUAL INSPECTION CHECKLIST. LYCOMING ENGINE IO-540-OVERHAUL MANUAL (OHM). REF FAA AC 43.13-1B. PERFORMED ENGINE GROUND RUN-UP AND POST-MAINTENANCE TEST FLIGHT. ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME. A/C OK TO CONTINUE SERVICE.

ANNUAL INSPECTION RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR §91.409 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE. NEXT INSPECTION IS DUE IN THE NEXT 12 CALENDAR MONTHS (03/2025).

DATE OF COMPLETION: 03/08/2024

WORK ORDER: 548152
Printed in: Grand Rapids, MI

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAYDAY
AVIONICS INC.

4151 Aviator Way, Suite 2

www.maydayavionics.com

DATE	4-2-2024	S.O.	65904
MAKE	Piper	N#	N9236J
MODEL	PA-32R-301	S/N	3213067
HOURS	4142.0		

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: 4-2-2024

Pilot (#1): ☒

Copilot: ☐

Standby: ☐

Paragraph (b) Altimeter:

SYSTEM

PART NUMBER

SERIAL NUMBER

TESTED TO:

#1 Altimeter

5934PD-3

389799

20,000 ft.

#1 Encoder

AR-850

14021

20,000 ft.

#2 Altimeter

5934P-1

M9086

20,000 ft.

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

#1 System ☒

#2 System ☐

Certification Date: 4-2-2024

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

Transponder Certification Date: 4-2-2024

#1 Model:
GTX 345

P/N:

S/N:

3EG026039

#2 Model:

P/N:

S/N:

FOR FAA CRS YXXR387Y

DATE: 4-2-2024

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAYDAY
AVIONICS INC.

4151 Aviator Way, Suite 2
Grand Rapids, MI 49512
(616) 957-4920

www.maydayavionics.com

DATE	4-2-2024	S.O.	65904
MAKE	Piper	N#	N9236J
MODEL	PA-32R-301	S/N	3213067
HOURS	4142.0		

Performed the battery capacity check of the Garmin GI275 SN 5MZ200820. Battery passed. Work done referencing the Garmin GI275 Part 23 AML STC Maintenance Manual 190-02246-11 Rev 8.

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. The above work was performed in accordance with current FAA regulations and in respect to work performed on the aircraft identified above is approved for return to service.

FOR FAA CRS YXXR387Y

[illegible]

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Make: Piper Aircraft
 Model: PA-32R-301 (*Saratoga II HP*)
 Registration No: N9236J
 Airframe S/N: 3213067
 Engine Make & Model: Lycoming IO-540-K1G5
 Engine S/N: L-25154-48A
 Work Order No: 548022

Discrepancy Date: 02/01/2023
 Hobbs: 3,996.2
 Tach Time: 3,791.1

POWERPLANT LOGBOOK ENTRY

Discrepancy: RH MAGNETO 500 HR. DUE AT HOBBS: 3,996.2 - DATE: 02/2023.

Corrective Action: C/W SLICK MAGNETO 500 HOUR INSPECTION IAW CHAMPION AEROSPACE TECH PUB L-1363F MAINTENANCE AND OVERHAUL MANUAL. RE-INSTALLED RH MAGNETO AND TIMED TO ENGINE AT 20° BTDC.

KELLY AEROSPACE - N9236J - (RH MAGNETO)				
Model No.	Serial No.	LAG	ROT	REV
6350	10010306	O	L	G

ALL WORK PERFORMED LYCOMING ENGINE TIO-540-OVERHAUL MANUAL (OHM) AND CHAMPION AEROSPACE TECH PUB L-1363F MAINTENANCE AND OVERHAUL MANUAL. PERFORMED ENGINE GROUND RUN-UP AND POST-MAINTENANCE TEST FLIGHT, ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME.

RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR §91.409
 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN
 AIRWORTHY CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE.
 NEXT 500 INSPECTION IS DUE AT HOBBS: 4,496.2

DATE OF COMPLETION: 03/01/2023

WORK ORDER: 548022

Printed in: Grand Rapids, MI

YEAR

20

DA

RECORDING
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FLIGHTTOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of

Discrepancy Date: 02/01/2023

Hobbs: 3,996.2

Tach Time: 3,791.1

tries.)

Make: Piper Aircraft
Model: PA-32R-301 (*Saratoga II HP*)
Registration No: N9236J
Airframe S/N: 3213067
Engine Make & Model: Lycoming IO-540-K1G5
Engine S/N: L-25154-48A
Work Order No: 548022

POWERPLANT LOGBOOK ENTRY | ANNUAL INSPECTION 2023

Discrepancy: POWERPLANT ANNUAL INSPECTION DUE AT HOBBS: 3,996.2 - DATE: 02/2023.

Corrective Action: C/W POWERPLANT ANNUAL INSPECTION 14 CFR 543 APPENDIX "D". C/W ENGINE OIL CHANGE PROCEDURES SERVICED WITH 11 QTS. OF AVIATION MOTOR OIL PHILLIPS 66 VICTORY XC 20W50. R/R'ed OIL FILTER P/N ON TEMPEST AA48109. R/R'ed OIL DRAIN PLUG GASKET, P/N ON MS35769-21. NO EVIDENCE OF ABNORMAL WEAR WAS FOUND ON EITHER THE REMOVED OIL FILTER OR OIL SCREEN. SPARK PLUGS REMOVED, SERVICED, RE-GAPPED, ROTATED AND RE-INSTALLED. R/R'ed ALL EXHAUST MANIFOLD GASKETS P/N ON 77611. R/R'ed OIL SUMP QUICK DRAIN P/N ON SAF-AIR-P5000. REMOVED, CLEANED, INSPECTED, SERVICED AND RE-INSTALLED ENGINE CYLINDER FUEL INJECTION NOZZLES. C/W LH ELECTRONIC MAGNETO SIM6L ICA DOC NO. SF1005, REV A, LH MAGNETO OPS CHECK GOOD. PERFORMED CYLINDER COMPRESSION CHECK IAW LYCOMING SERVICE INSTRUCTIONS NO. 1191A COMPRESSIONS AS FOLLOWS:

HOT ENGINE COMPRESSIONS - N9236J - TAKEN: 02/02/2023 IAW LYCOMING SI NO. 1191A-A					
CYL #1	CYL #2	CYL #3	CYL #4	CYL #5	CYL #6
72/80	74/80	74/80	73/80	78/80	76/80

ALL WORK PERFORMED IAW PIPER AIRCRAFT PA-32R-301 SARATOGA II HP MAINTENANCE MANUAL (MM) ANNUAL INSPECTION CHECKLIST, LYCOMING ENGINE TIO-540-OVERHAUL MANUAL (OHM). PERFORMED ENGINE GROUND RUN-UP AND POST-MAINTENANCE TEST FLIGHT, ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME.

RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR §91.409 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE.
NEXT INSPECTION IS DUE IN THE NEXT 12 CALENDAR MONTHS (03/2024)

DATE OF COMPLETION: 03/01/2023

WORK ORDER: 548022

Printed in: Grand Rapids, MI

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Make: Piper Aircraft
 Model: PA-32R-301 (*Saratoga II HP*)
 Registration No: N9236J
 S/N: 3213067
 Engine Make & Model: Lycoming IO-540-KIG5
 Engine S/N: L-25154-48A
 Work Order No: 548056

Discrepancy Date: 06/28/2023
 Hobbs: 4,048.6
 Tach Time: 3,841.0

POWERPLANT LOGBOOK ENTRY

Discrepancy: OIL CHANGE DUE AT HOBBS 4,048.6. NLG STRUT AND FLIGHT CONTROLS REQUIRES SERVICING.

Corrective Action: C/W ENGINE OIL CHANGE PROCEDURES, SERVICED WITH 10 QTS OF PHILLIPS 66 XC VICTORY SAE20W50 MOTOR OIL. R/Replaced OIL FILTER WITH NEW P/N TEMPEST AA48108-2. R/Replaced OIL DRAIN PLUG GASKET WITH NEW P/N MS35769-21. SERVICED NLG STUT WITH ULTRA HIGH PURITY NITROGEN TO 150 PSIG. LUBRICATED YOKE AND FLIGHT CONTROLS. NO EVIDENCE OF ABNORMAL WEAR FOUND IN EITHER OIL FILTER OR DRAIN PLUG SCREEN.. ALL WORK PERFORMED IAW PIPER PA-32R-301 AMM, LYCOMING IO-540-SER OVERHAUL MANUAL, REF. AC 43.13-1B. NEW HOBBS 4,048.7. PERFORMED ENGINE GROUND RUN-UP. ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME. AIRCRAFT OPS CHECK GOOD.

RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR §91.409 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE.

DATE OF COMPLETION: 06/29/2023

WORK ORDER: 548056
 Printed in: Grand Rapids, MI

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Make: Piper Aircraft
 Model: PA-32R-301 (*Saratoga II HP*)
 Registration No: N9236J
 S/N: 3213067
 Engine Make & Model: Lycoming IO-540-K1G5
 Engine S/N: L-25154-48A
 Work Order No: 548097

Discrepancy Date: 10/09/2023
 Hobbs: 4,105.7
 Tach Time: 3,896.1

POWERPLANT LOGBOOK ENTRY

Discrepancy: OIL CHANGE DUE AT HOBBS 4,105.7.

Corrective Action: C/W ENGINE OIL CHANGE PROCEDURES, SERVICED WITH 10 QTS OF PHILLIPS 66 XC VICTORY SAE20W50 MOTOR OIL.
 R/Replaced OIL FILTER WITH NEW P/N TEMPEST AA48108-2. ALL WORK PERFORMED TAW PIPER PA-32R-301 AMM. LYCOMING
IO-540-SER OVERHAUL MANUAL, REF. AC 43.13-1B. PERFORMED ENGINE GROUND RUN-UP, ALL ENGINE PARAMETERS
 SATISFACTORY, NO ABNORMAL READINGS, OR VIBRATIONS NOTED. A/C OK TO CONTINUE SERVICE.

RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR §91.409 AND
 THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE.
 WAS FOUND TO BE IN APPROPRIATE CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE.

DATE OF COMPLETION: 10/09/2023

WORK ORDER: 548097

Printed in: Grand Rapids, MI

WORK ORDER: 548100
Printed in: Grand Rapids, MI

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Make: Piper Aircraft
 Model: PA-32R-301 (Saratoga II HP)
 Registration No: N9236J
 Airframe S/N: 3213067
 Engine Make & Model: Lycoming IO-540-K1G5
 Engine S/N: L-25154-48A
 Work Order No: 548152

Discrepancy Date: 02/12/2024
 Tach Time: 3,926.2
 Hobbs: 4,138.3

POWERPLANT LOGBOOK ENTRY | ANNUAL INSPECTION 2024

Discrepancy: POWERPLANT ANNUAL INSPECTION DUE AT HOBBS: 4,138.2 - DATE: 02/2024.

Corrective Action: C/W POWERPLANT ANNUAL INSPECTION TAW 14 CFR 54.3 APPENDIX "D" C/W ENGINE OIL CHANGE PROCEDURES SERVICED WITH 11 QTS. OF AVIATION MOTOR OIL PHILLIPS 66 VICTORY XC 20W50. R/Replaced OIL FILTER WITH NEW PN ON TEMPEST AA48109. R/Replaced OIL DRAIN PLUG GASKET WITH NEW PN ON MS35769-21. NO EVIDENCE OF ABNORMAL WEAR WAS FOUND ON EITHER THE REMOVED OIL FILTER OR OIL SCREEN. SPARK PLUGS REMOVED, SERVICED, RE-GAPPED, ROTATED, INSTALLED NEW 18MM COPPER GASKETS (x12 CL.) AND RE-INSTALLED. R/Replaced ALL EXHAUST MANIFOLD GASKETS WITH NEW PN ON 77611 (x6 CL.). R/Replaced OIL SUMP GASKET WITH NEW PN 06821326, RE-SEALED WITH NEW NIEL SEAL PN N25-66. REMOVED, PERFORMED ULTRASONIC CLEANING PROCEDURE, INSPECTED, AND RE-INSTALLED ENGINE CYLINDER FUEL INJECTION NOZZLES (x6 CL.). C/W LH ELECTRONIC MAGNETO SINGLE ICA DOC NO. SF1005, REV A. LH MAGNETO OPS CHECK GOOD. PERFORMED CYLINDER COMPRESSION CHECK TAW LYCOMING SERVICE INSTRUCTIONS NO. 1191A COMPRESSIONS AS FOLLOWS:

HOT ENGINE COMPRESSIONS - N9236J - TAKEN: 02/13/2024 TAW LYCOMING SI NO. 1191A-A					
CYL #1	CYL #2	CYL #3	CYL #4	CYL #5	CYL #6
70/80	79/80	80/80	70/80	71/80	78/80

ALL WORK PERFORMED TAW PIPER AIRCRAFT PA-32R-301 SARATOGA II HP MAINTENANCE MANUAL (MM), ANNUAL INSPECTION CHECKLIST, LYCOMING ENGINE IO-540-OVERHAUL MANUAL (OHM), REF FAA AC 43.13-1B. PERFORMED ENGINE GROUND RUN-UP AND POST-MAINTENANCE TEST FLIGHT. ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME. A/C OK TO CONTINUE SERVICE.

ANNUAL INSPECTION RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR 591.409 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN GOOD CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE. NEXT INSPECTION IS DUE IN THE NEXT 12 CALENDAR MONTHS (02/2025).

DATE OF COMPLETION: 03/08/2024

WORK ORDER: 548152
 Printed in: Grand Rapids, MI

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	Make: Piper Aircraft Model: PA-32R-301 (Saratoga II HP) Registration No: N9236J Airframe S/N: 3213067 Engine Make & Model: Lycoming IO-540-K1G5 Engine S/N: L-25154-48A Propeller Model: HC-13YR-1RF PROPELLER S/N: HK29A Work Order No: 548022		Discrepancy Date: 02/01/2023 Hobbs: 3,996.2 Tach Time: 3,791.1
PROPELLER LOGBOOK ENTRY ANNUAL INSPECTION 2023			
Discrepancy: PROPELLER ANNUAL INSPECTION DUE AT HOBBS: 3,996.2 - DATE: 02/2023.			
Corrective Action: C/W PROPELLER ANNUAL INSPECTION <u>14 CFR 43 APPENDIX "D"</u> . BLENDED ALL BLADES FREE OF NICKS, AND SERVICED PROPELLER HUB WITH <u>AEROSHELL #5</u> (PLACARD UPDATED). REPLACED PROPELLER INNER SEAL P/N ON MS28775-228. <u>ALL WORK PERFORMED TAY PIPER AIRCRAFT PA-32R-301 SARATOGA II HP MAINTENANCE MANUAL (MM) ANNUAL INSPECTION CHECKLIST</u> . PERFORMED ENGINE GROUND RUN-UP AND POST-MAINTENANCE TEST FLIGHT, ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME.			
RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR 91.409 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN <u>AIRWORTHY</u> CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE. <u>NEXT INSPECTION IS DUE IN THE NEXT 12 CALENDAR MONTHS (03/2024)</u> .			
DATE OF COMPLETION: 03/01/2023		WORK ORDER: 548022 Printed in: Grand Rapids, MI	

	Make: Piper Aircraft Model: PA-32R-301 (Saratoga II HP) Registration No: N9236J Airframe S/N: 3213067 Engine Make & Model: Lycoming IO-540-K1G5 Engine S/N: L-25154-48A Propeller Model: HC-13YR-1RF Propeller Hub S/N: HK29A Work Order No: 548022		Discrepancy Date: 02/12/2024 Tach Time: 3,926.2 Hobbs: 4,138.3
PROPELLER LOGBOOK ENTRY ANNUAL INSPECTION 2024			
Discrepancy: PROPELLER ANNUAL INSPECTION DUE AT HOBBS: 4,138.2 - DATE: 02/2024.			
Corrective Action: C/W PROPELLER ANNUAL INSPECTION <u>14 CFR 43 APPENDIX "D"</u> . BLENDED ALL BLADES FREE OF NICKS, AND SERVICED PROPELLER HUB WITH <u>NYCO GH 3058</u> (PLACARD UPDATED). REPLACED PROPELLER INNER SEAL WITH NEW PN ON MS28775-228. <u>ALL WORK PERFORMED TAY PIPER AIRCRAFT PA-32R-301 SARATOGA II HP MAINTENANCE MANUAL (MM) ANNUAL INSPECTION CHECKLIST</u> . <u>LYCOMING ENGINE IO-540-OVERHAUL MANUAL (OHM)</u> . <u>REF FAA AC 43.13-1B</u> . PERFORMED ENGINE GROUND RUN-UP AND POST-MAINTENANCE TEST FLIGHT. ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME. A/C OK TO CONTINUE SERVICE.			
ANNUAL INSPECTION RETURN TO SERVICE STATEMENT: THE WORK PERFORMED ABOVE WAS COMPLIED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR 91.409 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN <u>AIRWORTHY</u> CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE. <u>NEXT INSPECTION IS DUE IN THE NEXT 12 CALENDAR MONTHS (03/2025)</u> .			
		Grand Rapids, MI	