

# AIRCRAFT MAINTENANCE RECORDS

**N** 4472K

# AIRFRAME LOG BOOK



# AIRCRAFT MAINTENANCE RECORD

Page No. \_\_\_\_\_

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
<b>CARRIED FORWARD</b> →		

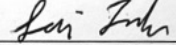
**July 29, 2020 N4472K Navion "A" Tach: 1327.1 TAT: 3080.7**

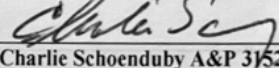
1. Performed **Annual Inspection** IAW the scope and detail of FAR 43 Appendix D.
2. Opened all access panels, inspected and lubricated all flight control linkages.
3. Checked all lights for proper operation.
4. Inspected tires for condition and serviced to proper pressure.
5. Checked brake linings, disc, and calipers.
6. Repacked RH brake caliper w/ new MS 28775-222 O-rings & serviced brake system.
7. Cleaned battery box area, serviced and charged battery as necessary.
8. Removed Ameri-King AK-450 ELT & replaced with ACK E-04, SN: 03210
9. This ELT has been inspected IAW FAR 91.207 (d), new battery expiration date of July 2025.
10. Inspected instrument panel, engine and flight controls in cockpit area for any malfunctions.
11. Cleaned belly of aircraft as required.
12. Lubricated entire landing gear system.
13. Performed functional check of landing gear system satisfactorily.
14. Post maintenance turn performed satisfactory with no leaks noted at this time.

Aero Service of Winchester, Inc.  
615 Airport Road Suite 107  
Winchester, VA 22602  
540-665-0193

**I certify that this AIRCRAFT has been inspected in accordance with a 100 HOUR inspection and determined to be in airworthy condition.**

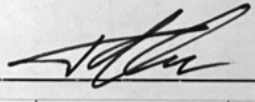
**I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.**

  
\_\_\_\_\_  
Levi Jordan A&P 4044180

  
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Charlie Schoenduby A&P 3152411 IA

**09/21/2020 N4472K TAT: 3090.1 Tach Time: 1336.5**

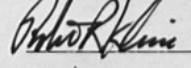
- Removed Existing 400k resistor on R/H Magneto P-Lead.
- Installed Tach 2 Signal Converter PN: TACH2 SN: T2-3720015.
- Installation accomplished in accordance with Surefly Tach2 Installation manual #SF2002 Rev IR. and AC 43.13-2B, AC 43.13-18 w-ch1.
- The Aircraft identified was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for Return to Service. Pertinent details are on file at this Repair Station.



**CRS#20WR084C** Date: 9/21/2020

**10/29/2020 N4472K Tach Time: 1344.7 TAT: 2098.4**

- Adjusted and tightened Co-pilot armrest.
- Tightened Jam nut on Ignition.
- Tightened Jam nuts on Blue and Black engine control cables.
- Adjusted the lever that engages the contact switch for hydraulic power light.
- The aircraft was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service.

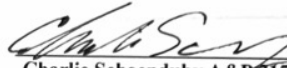
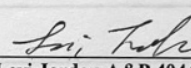
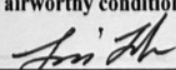
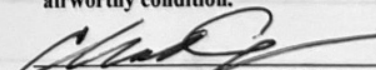
 AP 3807659

Date: Oct 29, 2020

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# AIRCRAFT MAINTENANCE RECORD

Page No. \_\_\_\_\_

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
<b>CARRIED FORWARD</b> →		
	November 20, 2020 N4472K Navion "A" Tach: 3105.5 TAT: 3105.5 1. Performed Mid Cycle oil service. 2. Serviced tires to proper pressure. 3. Lubricated controls. 4. Post maintenance turn performed satisfactory with no leaks noted at this time.	Aero Service of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193   Charlie Schoenduby A&P 3152411 IA
	December 30, 2020 N4472K Navion "A" Tach: 1356.1 TAT: 3109.8	1. Installed O/H prop from H&H Propeller, Model # D3A32C409-B SN: 832479 2. Post maintenance turn performed satisfactory with no leaks noted at this time.
	Aero Service of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	 Levi Jordan A&P 4044180
	November 29, 2021 N4472K Navion "A" Tach: 1371.9 TAT: 3125.5	1. Performed <b>Annual Inspection</b> IAW the scope and detail of FAR 43 Appendix D. 2. Opened all access panels, inspected and lubricated all flight control linkages. 3. Checked all lights for proper operation. 4. Inspected tires for condition and serviced to proper pressure. 5. Checked brake linings, disc, and calipers, installed new LH & RH brake pads, PN: RA066-11000. 6. Cleaned battery box area, serviced and charged battery as necessary. 7. This ELT has been inspected IAW FAR 91.207 (d), w/ battery expiration date of July 2025. 8. Inspected instrument panel, engine and flight controls in cockpit area for any malfunctions. 9. Replaced manifold pressure line at firewall. 10. Replaced air induction filter w/ BA8103-1. 11. Adjusted throttle micro switch for gear warning horn. 12. Cleaned belly of aircraft as required. 13. Lubricated entire landing gear system. 14. Performed functional check of landing gear system satisfactorily. 15. Post maintenance turn performed satisfactory with no leaks noted at this time.
Aero Service of Winchester, Inc. 615 Airport Road Suite 107 Winchester, VA 22602 540-665-0193	I certify that this AIRCRAFT has been inspected in accordance with a 100 HOUR inspection and determined to be in airworthy condition.   Levi Jordan A&P 4044180	I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.   Charlie Schoenduby A&P 3152411 IA

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3-4-2022 N4472K Navion S/N: NAV-4-1472 TACH 3141.7

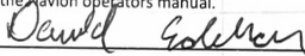
Replaced all hydraulic "O" rings for RH MLG actuator AN6227-9 and (3) AN6227-23. Serviced hydraulic system and performed operational check no leaks detected. All work accomplished in accordance with Ryan-Navion service and maintenance manuals.

Aero Service of Winchester, Inc  
615 Airport Road Suite 107  
Winchester, VA 22602  
540-665-0193

  
Nicholas Bousquet AP3359966

Start Date: 07/05/2022 N4472K Tach Time: 1410.1

Installed new Garmin PTT switch PN:340-00232-00, performed Nav database update to G3x, updated G3x Software to 9.01, performed Garmin STC Service Bulletin No.: 2134 Rev.A, and recalibrated the main and tip tanks. Installation & Operational checkout complied with, ref; Garmin G3x installation manual PN:190-02472-01 Rev.11, AC 43.13-1B with change 1, AC 43.13-2 and Navion Service Manual Dated 1949. Main tank will indicate up to 30 gallons correctly but will not indicate about that, Aircraft is placarded that Main Tank will indicate only to 30 gallons. Similar instances are noted in the Navion Service manual and the Navion operators manual.



AP# 4432100

Date: 07/12/2022

Start Date: 03/10/2022 N4472K Total Aircraft Time: 3141.7 Tach Time: 1388.0

- Operational checkout complied with, Ref; Garmin G3X STC Maintenance Manual PN: 190-02472-02 Rev 6, Bendix King KI-209 Maintenance Manual PN: 006-15543-0000 Rev 0.
- No faults found, unable to replicate pilot reported errors.
- The aircraft identified was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this Repair Station.

  
CRS# 20WR084C

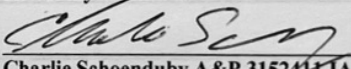
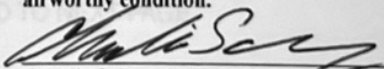
Date: 03/10/2022

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January 19, 2023	N4472K	<p>Navion "A" Tach: 1424.7 TAT: 3178.4</p> <ol style="list-style-type: none"> <li>1. Performed <b>Annual Inspection</b> IAW the scope and detail of FAR 43 Appendix D.</li> <li>2. Opened all access panels, inspected and lubricated all flight control linkages.</li> <li>3. Checked all lights for proper operation.</li> <li>4. Inspected tires for condition and serviced to proper pressure.</li> <li>5. Checked brake linings, disc, and calipers.</li> <li>6. Cleaned battery box area, serviced and installed Gill G-35 battery, SN: G03172397.</li> <li>7. This ELT has been inspected IAW FAR 91.207 (d), w/ battery expiration date of <b>July 2025</b>.</li> <li>8. Inspected instrument panel, engine and flight controls in cockpit area for any malfunctions.</li> <li>9. Cleaned belly of aircraft as required.</li> <li>10. Replaced electric fuel pump with O/H unit, PN: 4140-00-17CJ. SN: 18585-18592.</li> <li>11. Disassembled, cleaned and resealed right MLG strut. Re-installed and serviced with 5606 &amp; nitrogen.</li> <li>12. Serviced left MLG and nose strut with nitrogen as necessary.</li> <li>13. Lubricated entire landing gear system.</li> <li>14. Performed functional check of landing gear system satisfactorily.</li> <li>15. Post maintenance turn performed satisfactory with no leaks noted at this time.</li> </ol> <p>C/W AD52-26-01Stab spar web – By inspection. Next due @ Tach: 1524.7            C/W AD55-01-01- Fuselage frame cracks – By inspection. Next due @ Tach: 1524.7            C/W AD59-06-04 – Hydraulic actuating cylinders – By inspection per SL 79. Next due 1/2024.            C/W AD62-03-03 – Landing gear selector valve – By inspection per SL 81. Next due 1/2024.            C/W AD68-20-06 – Rudder horn – By inspection. Next due 1/2024.</p>
<p>Aero Service of Winchester, Inc.            615 Airport Road Suite 107            Winchester, VA 22602            540-665-0193</p>		<p>I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.</p> <p>            Charlie Schoenduby A&amp;P 3152411A</p>
February 8, 2024	N4472K	<p>Navion "A" Tach: 1441.9 TAT: 3195.6</p> <ol style="list-style-type: none"> <li>1. Performed <b>Annual Inspection</b> IAW the scope and detail of FAR 43 Appendix D.</li> <li>2. Opened all access panels, inspected and lubricated all flight control linkages.</li> <li>3. Replaced RH elevator outboard bearing w/ PN: MS27640-3A.</li> <li>4. Replaced LH three (3) elevator trimtab bushings w/ PN: NAS75-3-003 bushings.</li> <li>5. Checked all lights for proper operation.</li> <li>6. Inspected tires for condition and serviced to proper pressure.</li> <li>7. Checked brake linings, disc, and calipers.</li> <li>8. Cleaned battery box area, serviced battery.</li> <li>9. This ELT has been inspected IAW FAR 91.207 (d), w/ battery expiration date of <b>July 2025</b>.</li> <li>10. Inspected instrument panel, engine and flight controls in cockpit area for any malfunctions.</li> <li>11. Cleaned belly of aircraft as required.</li> <li>12. Lubricated entire landing gear system.</li> <li>13. Serviced all struts with nitrogen of proper level.</li> <li>14. Performed functional check of landing gear system satisfactorily.</li> <li>15. Replaced O-ring at hydraulic pump fitting and serviced reservoir.</li> <li>16. Replaced induction filter with new BA-8103-1.</li> <li>17. Post maintenance turn performed satisfactory with no leaks noted at this time.</li> </ol> <p>AD52-26-01Stab spar web – By inspection. Next due @ Tach: 1524.7            AD55-01-01- Fuselage frame cracks – By inspection. Next due @ Tach: 1524.7            C/W AD59-06-04 – Hydraulic actuating cylinders – By inspection per SL 79. Next due 2/2025.            C/W AD62-03-03 – Landing gear selector valve – By inspection per SL 81. Next due 2/2025.            C/W AD68-20-06 – Rudder horn – By inspection. Next due 2/2025.</p>
<p>Aero Service of Winchester, Inc.            615 Airport Road Suite 107            Winchester, VA 22602            540-665-0193</p>		<p>I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.</p> <p>            Charlie Schoenduby A&amp;P 3152411A</p>

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