

N7022G  
Log #4

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AIRFRAME  
MAINTENANCE  
RECORDS**

<p>DATE</p> <p><i>Entry error wrong date</i></p>	<p>MAKE: RV9A                  MODEL: Heisdorffer Roger                  S/N: 91090                  REG. NO: 942R                  WORK ORDER:                  29165-10-2020</p>	<p><b>Howard Aviation, Inc.</b>                  Repair Station No. TO3R874L</p>	<p>DATE: 10/14/2020                  A/C TSN:                  TACH: 739.9</p>
<p><b>Airframe Entries</b></p> <p>Updated GTN 750 Main Software from 5.00 to 6.70, GPS software from 5.0 to 5.3, Com Software from 2.12 to 2.30, and Nav Software from 6.02 to 6.03. Downloaded new database format implemented in software level 6.21.</p>			
<p>The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Federal Aviation Regulations, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 29165-10-2020.</p>			
<p>DATE: 10/14/2020</p>		<p>SIGNED:  Work Order: 29165-10-2020</p>	
<p>Ahmed Ahmed                  Certified Repair Station No. TO3R874L</p>		<p>Printed by EBis 3 </p>	

<p>MAKE: Cessna                  MODEL: 340A                  S/N: 340A0695                  REG. NO: 7022G                  WORK ORDER: 29111-08-2020</p>	<p><b>Howard Aviation, Inc.</b>                  Repair Station No. TO3R874L</p>	<p>DATE: 11/6/2020                  A/C TSN: 2627.3                  HOBBS: 2629</p>
<p><b>Airframe Entries</b></p> <p>Lubed and/or inspected all pulleys, cables, rodends, and hinges. Packed all wheel bearings. Cleaned fuel strainer. Serviced hydraulic reservoirs. Inspected ELT I/A/W FAR 91.207, ELT battery good to SEP2022. Inspected all fuel cap o-rings and seals. Inspected all lights, pitot heat and stall warning. Inspected air filters. Performed gear retraction test, no defects noted.</p> <p>C/W AD 2000-01-16 I/A/W Part b, c, d, and e. Part b next due at 2737 ACTT. Parts c and e are next due 11/21. Part g next due at 07/2030 or 4963.4 ACTT. No discrepancies noted.</p> <p>C/W AD 2000-01-16 I/A/W Part b, c, d, and e. Part b next due at 2737 ACTT. Parts c and e are next due 11/21. Part g next due at 07/2030 or 4963.4 ACTT. No discrepancies noted.</p> <p>Performed battery capacity test, passed at 90%.</p> <p>Updated AD list and verified compliance thru bi weekly 2020-22.</p> <p>Rigged left and right pressurization dump valves. Functional check satisfactory.</p> <p>R&amp;R L/H tube and tire and R/H tire with new.</p> <p>Replaced ELT battery &amp; tested ELT I/A/W FAR 91.207, battery good to 9/2022.</p> <p>C/W AD 2004-25-16 R1 by visual inspection, no leaks detected. AD next due at 2727.3 ACTT or 11/2021.</p> <p>C/W AD 2004-21-05 heater pressure decay test, no defects noted at this time, next due NOV. 2022 or 218.8 heater hobbs.</p> <p>Visually inspected elevator trim I/A/W AD 2016-17-08 and MEB27-02. Next due 11/2021 or 2727.3 ACTT</p> <p>C/W MEB 08-3 Upper wing skin inspection.</p> <p>R &amp; R O2 bottle for hydrostatic test, next due 09/2025. Serviced system with 1850 psi O2.</p> <p>Replaced both main and auxiliary fuel cap o-rings with new.</p> <p>Reinstalled customer provided windshield ice plate. Functional check satisfactory.</p>		
<p>1 of 2</p>		


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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

R&R nose gear strut and resealed.

R&R L/H brake caliper and resealed. Tightened loose rivets on brake lining backing plate and attached brake linings, bled L/H brake system.

Adjusted elevator cable tension and inspected upper elevator cable for wear. Cable clears pulley bracket with proper tension and inspects good.

Adjusted elevator trim cable tension and safetied turnbuckles.

Removed locker tank cover to gain access for EDM-960 installation. Replaced seized nutplates from filler opening and panel perimeter with new. Reinstalled cover.

Replaced oxygen line behind the panel.

Insulated chaffed combustion blower power wire. Functional check satisfactory.

Cleaned ammeter shunt and bench checked gauge. Functional check satisfactory.

Hobbs meter ran for 1.7 hours while aircraft was on jacks. Subtract that time for accurate total times on airframe.

I certify this aircraft N7022G has been inspected in accordance with an Annual Inspection and repaired in accordance with current Federal Aviation Regulations and was determined to be in an airworthy condition. Pertinent details of the repair are on file at this Repair Station under Repair Order 29111-08-2020.

DATE: 11/6/2020

SIGNED: [Redacted]

Robert Clark  
Certified Repair Station No. TO3R874L

Work Order: 29111-08-2020

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MAKE: Cessna  
MODEL: 340A  
S/N: 340A0695  
REG. NO: 7022G  
WORK ORDER:  
29001-05-2020



Howard Aviation, Inc.

Repair Station No. TO3R874L

DATE: 11/6/2020  
A/C TSN: 2627.3  
HOBBS: 2629

**Airframe Entries**

Upgraded the G500 GDU 620 to a GDU 1060 TXi Display s/n 3M4002151 and installed a Garmin GCU 485 s/n 3QR400908...Fabricated a new one piece panel, powder coating paint and install. Placard as needed...Removed GNS 530W and installed a Garmin GTN 750Xi s/n 5FR001996 with Garmin GA 35 WAAS/GPS Antenna s/n 193175 and Comant Diplexer s/n 632209...Removed the GNS 430W and installed a Garmin GTN 650Xi s/n 5FP001665 with Garmin GA 35 WAAS/GPS Antenna s/n 193160...Removed the GMA 340 and installed a Garmin GMA 35c Audio Panel s/n 1T6203822. This is a minor alteration...Removed the GTX 345 and installed a Garmin GTX 345R Transponder s/n 3EH027728. Perform a VFR transponder check...Installed a Garmin GI 275 Standby Attitude Indicator s/n 5MZ101145...Installed a JPI EDM-960 s/n 10361...Installed a Garmin GFC 600 Autopilot 3 Axis Pitch/Roll/Yaw + Pitch Trim with GMC 605 s/n 38H201000, Pitch Servo s/n 4JM003194, Pitch Trim Servo s/n 4JM003200, Roll Servo s/n 4JM003173 and Yaw Servo s/n 4JM003209...Installed (4) Garmin GSB 15 USB Chargers s/n's 63M055943, 63M056029, 63M056065 and 63M056036...Installed an Aera 760 s/n 6HC000708 with panel dock and hard wire cable...Replaced COM1 and COM2 coax cables...Fabricated new switch plates for pilot and co-pilot yokes...Installed Go Around knob and switch adapter...Removed throttle quadrant cover for refurbish. Installed after refurbish...R&R alternate static valve and lubed, leak check good...The static pressure system was inspected and tested in compliance with FAR 91.411. The altimeter instrument was calibrated to an altitude of 30 thousand feet in compliance with FAR 91.411. The ATC transponder was tested and inspected in compliance with FAR 91.413. Automatic altitude reporting equipment was tested and calibrated in compliance with FAR 91.411. Next due 11/06/2022...All parts and/or equipment were installed I/A/W manufacturers installation manual. Performed system ops check I/A/W manufacturers check out procedures. System checks good. See Form 337 for details. Weight and Balance/Equipment list revised.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Federal Aviation Regulations, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 29001-05-2020.

DATE: 11/6/2020

SIGNED: [Redacted]

Ahmed Ahmed  
Certified Repair Station No. TO3R874L

Work Order: 29001-05-2020

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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
			<b>TOTAL</b> brought forward from previous page

MAKE: Cessna  
 MODEL: 340A  
 S/N: 340A0695  
 REG. NO: 7022G  
 WORK ORDER:  
 29209-11-2020



**Howard Aviation, Inc.**  
 Repair Station No. TO3R874L

DATE: 11/6/2020  
 A/C TSN: 2627.3  
 HOBBS: 2629

**Airframe Entries**

Removed GI 275 s/n 5MZ101145 and installed new unit s/n 5MZ101639.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Federal Aviation Regulations, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 29209-11-2020.

DATE: 11/6/2020

SIGNED: [Redacted]

Work Order: 29209-11-2020

Ahmed Ahmed  
 Certified Repair Station No. TO3R874L

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MAKE: Cessna  
 MODEL: 340A  
 S/N: 340A0695  
 REG. NO: 7022G  
 WORK ORDER:  
 29335-03-2021



**Howard Aviation, Inc.**  
 Repair Station No. TO3R874L

DATE: 3/29/2021  
 A/C TSN: 2681.3  
 HOBBS: 2683

**Airframe Entries**

- Troubleshoot vacuum system plumbing and gauge. Corrected gauge plumbing and bench tested gauge. Functional check satisfactory.
- Found leaks at nose gear retract rod boot, door seal, drain buttons and fastener holes. Cleaned drain buttons. Plugged holes in belly and applied sealant to door seal and wing root pass thru. Customer deferred nose gear retract rod boot replacement.
- Fueled aircraft. Performed weight and balance by Nobeco Aircraft, LLC.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Federal Aviation Regulations, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 29335-03-2021.

DATE: 3/29/2021

SIGNED: [Redacted]

Work Order: 29335-03-2021

William Stickney  
 Certified Repair Station No. TO3R874L

Printed by EBis 3 [Redacted]

MAKE: Cessna  
 MODEL: 340A  
 S/N: 340A0695  
 REG. NO: 7022G  
 WORK ORDER:  
 29335-03-2021



**Howard Aviation, Inc.**  
 Repair Station No. TO3R874L

DATE: 3/29/2021  
 A/C TSN: 2681.3  
 HOBBS: 2683

**Airframe Entries**

- Replaced cabin door cable with new. Functional check satisfactory. Stitched leather sleeve.
- Inspected auxiliary fuel tank indication wiring. No faults detected. Customer deferred repair.
- Inspected RAM propeller synchrophaser components for proper wiring and values. Suspect control box to be inop. Customer deferred repair. Propeller synchrophaser disabled.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Federal Aviation Regulations, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 29335-03-2021.

DATE: 3/29/2021

SIGNED: [Redacted]

Work Order: 29335-03-2021

William Stickney  
 Certified Repair Station No. TO3R874L

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<b>TOTAL</b> brought forward from previous page			

MAKE: Cessna  
 MODEL: 340A  
 S/N: 340A0695  
 REG. NO: 7022G  
 WORK ORDER:  
 29347-04-2021



**Howard Aviation, Inc.**  
 Repair Station No. T03R874L

DATE: 4/9/2021  
 A/C TSN: 2681.3  
 HOBBS: 2700.1

**Airframe Entries**

Removed and replaced nose gear retract rod boot P/N: 9910011-1 and spacer P/N: 5111130-5. Landing gear and pressurization functional check satisfactory.

The airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Federal Aviation Regulations, and is approved for return to service as per those requirements. Pertinent details of the repair are on file at this Repair Station under Repair Order 29347-04-2021.

DATE: 4/9/2021

SIGNED: [Redacted Signature]  
 William Stid  
 Certified Repair Station No. T03R874L

Work Order: 29347-04-2021

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N7022G  
 C-340A

S/N 340A0695

August 18, 2021  
 Hobbs: 2736.4

Replaced all main gear consumable brake parts: Disc P/N APS164-00806, Linings P/N APS066-03300, Shims P/N RA068-01600, Insulator Pads P/N 088-00100, and Caliper O-rings P/N MS28775-222. Bleed brakes and service master cylinders with Aeroshell fluid #41. Service all tires with shop air.

Erik P. Lohman A&P [Redacted Signature]

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