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MAINTENANCE
RECORDKEEPING
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#3

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N7048U

Aircraft Mfg. Cessna Model 310N Serial No. 310N0171

Engine Mfg. Continental Model IO-470-VO Serial No. 171209-R

Engine Mfg. Continental Model IO-470-VO Serial No. 171260-R

Propeller Mfg. McCaughey Model D3AF32C80-NR Serial No. 716235

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. McCaughey Model D3AF32C80-NR Serial No. 830126

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

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SERV**MENA AIRCRAFT INTERIORS, INC.**

P.O. Box 777, 315 Polk 52

MENA, ARKANSAS 71953

(800) 354-7717 (479) 394-7717 FAX (479) 394-7756

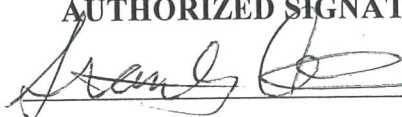
www.aircraft-interiors.com

A/C Cessna 310N N# 7048U SR# 310N0171**DATE 7/6/05 HRS. METER 282.3/226.3**

Headliner: Euroleather Sahara, Sidepanels: Theme Park Ferris Wheel Fabric with Aeronappa Egret Leather Upper Trim & Armrests, Seats: Aeronappa Egret Leather, Curtains: Eurostretch 0501, Carpet: RCS LLC/Stratford Ice Blue, Seat Belts: Re-web in #618 Cappuccino #303, Other: Painted Window fairings, Plastic Trim, Seat Frames, wing locker jams, & Door Jams in Jet Flex Beige BAC 870, Replaced Seat Buckle Decals, Replaced rear bulkhead with Kydex, Replaced Wing locker seals, & Refinished Table.

**ALL MATERIALS USED MEET WITH FEDERAL AVIATION
REGULATION #25.853. IT IS FILED UNDER FILE #1395**

AUTHORIZED SIGNATURE: Stanley Ainsworth



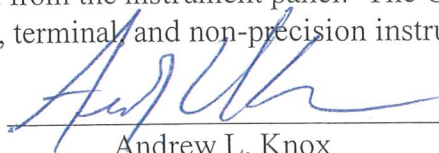
A&P431171425 IA

Northwest Arkansas Avionics, Inc. 104 Airport Lane - P.O. Box 378

Mena, Arkansas 71953 C.R.S. # QNBR706X

Reg: N7048U Make: Cessna Serial: 310N0171 Model: 310 Work Order: 0241-1 Date: 07/14/2005

Reference 337 Dated 06/28/2005, Placard stating "GNS 530 Approved For VFR Use only" Has been removed from the instrument panel. The GNS 530 May be used for VFR/IFR enroute, terminal, and non-precision instrument approaches.



Andrew L. Knox

SUB-TOTAL this page

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Certification

DA

AIRFRAME

Date: 08/17/2005 Hobbs: 293.3
 Reg: N7048U ACTT: 3115.1
 Model: C-310N S/N: 310N0171

SKYLINE
 AERONAUTICS
 776 N Bell Ave, Chesterfield, MO
 (636) 532-2435

Performed an **annual inspection** in accordance with FAR 43 Appendix D:

- 1) Inspected and functionally tested the ELT and found it meets the requirements of FAR 91.207 (d). Next inspection is due **Aug 2006**. ELT battery replacement is due **Aug 2006**.
- 2) Complied with **AD 72-14-08 R1** by inspection of the flammable fluid-carrying flexible hose assemblies in accordance with paragraphs A and B. No defects noted. Next inspection is due at **ACTT 3175.1**.
- 3) Complied with **AD 2004-25-16 R1** by inspection of the fuel regulator shut-off valve. Evidence of fuel leakage was noted. Removed and replaced the shut-off valve with new, p/n A14D11-7.5. Performed leak check and functional check of the heater. No defects noted at this time. Next inspection is due **August 2006 or ACTT 3215.1**.
- 4) Complied with **AD 98-23-01** by removal of the left vacuum pump and inspection of the coupling per Airborne Service Letter No. 48. No further action required. Reinstalled pump using new gasket, p/n 8313.
- 5) Removed and replaced left position light bulb with new, p/n 34-0428020-65.
- 6) Repaired the left position light by replacing the wire from the light housing to the connector at the tip tank mount. Used same gauge and length wire as original, 18 AWG.
- 7) Removed and replaced left and right vacuum relief filters with new, p/n RA-B3-5-1.
- 8) Removed and replaced the central vacuum filter with new, p/n AAD9-14-5.
- 9) Removed and replaced left and right alternator drive belts with new, p/n 539547-31.19.
- 10) Removed and cleaned the left and right fuel strainers. Reinstalled strainers using new gaskets, p/n CAB3-11-1.
- 11) Removed, disassembled, and cleaned the left main gear strut. Reassembled the strut using new scraper, p/n MS28776M2-22, new o-rings, p/n MS28775-229 and MS28775-330, and new back-up rings, (2 ea.) p/n MS28774-330. Removed and replaced right main gear service valve with new, p/n AN6287-1.
- 12) Serviced left and right struts with Aeroshell 4 fluid and nitrogen per Cessna 310 Service Manual Section 2.
- 13) Removed left main tank fuel cap adapter and aft access panel. Removed sealant from nut plates. Resealed nut plates with AC-240B-1/2 sealant. Reinstalled fuel cap adapter with new gasket, p/n 0823400-175. Reinstalled aft access panel with new gasket, p/n 0823400-62. Performed leak check of fuel tank. No leaks noted at this time.
- 14) Removed and disassembled all four fuel caps. Reassembled fuel caps using new o-rings, p/n MS29513-232 and MS29513-010. Reinstalled fuel caps.
- 15) Removed and replaced the flexible brake lines in each main gear well with new, p/n 350-4-0520. Serviced and bled brakes with Aeroshell 4 fluid.
- 16) Removed and replaced left landing light assembly limit switch with new, p/n 71-512-150-00.
- 17) Removed and replaced three instrument panel post light bulbs with new, p/n 327.
- 18) Removed and replaced one instrument panel post light hood with new, p/n A354IWBK.
- 19) Removed locks from the cabin and baggage doors. Installed new locks, p/n ASC310CD and p/n ASC310NB, in accordance with "Installation Instructions of Medeco Secure II."
- 20) Leveled aircraft per Cessna 310 Service Manual Section 2. Weighed aircraft using Road Runner I Aircraft Scale, calibrated 1/18/05. Left main: 1544 lbs., Right main: 1473 lbs., Nose: 613 lbs., Total Empty Weight: 3630 lbs., Empty Weight CG: 34.05 inches. See Weight and Balance Report dated 8/16/2005.

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

Jeff Ryder
 JEFF RYDER
 A&P 2740170 IA

AIRFRAME

Date: 12/7/2005 Hobbs: 315.6
 Reg: N7048U ACTT: 3137.4
 Model: C-310N S/N: 310N0171

SKYLINE
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- 1) Removed, disassembled, and cleaned the right main gear strut. Reassembled the strut using new scraper, p/n MS28776M2-22, new o-rings, p/n MS28775-229 and MS28775-222, new seal A2749. Serviced strut with aero shell #4 and dry nitrogen.
- 2) Removed and replaced left main tank fuel drain with new p/n CAV-F75.

Philip Hamilton
 Philip Hamilton
 A&P 2767637

SUB-TOTAL this page

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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
			TOTAL brought forward from previous page

AIRFRAME
Date: 03/30/2006 **Hobbs:** 356.1
Reg: N7048U **ACTT:** 3179.9
Model: C-310N **S/N:** 310N0171

SKYLINE 
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- 1) Removed and replaced right auxiliary fuel bladder per Cessna 310N service manual page 11-7. Bladder leak checked good.
- 2) Removed and replaced right auxiliary fuel bladder sump drain and packing.
- 3) Removed and treated surface corrosion on right engine exhaust path areas under right wing per FAR 43.13-1B section 6.
- 4) Removed and replaced right wing inspection door PN 0822275-22 due to corrosion.
- 5) Removed and replaced 2 ea. right wing inspection plugs PN CM2692-36J1S due to corrosion.
- 6) Installed doubler repair on outboard lower right wing locker due to exfoliation corrosion per FAR 43.13-1B section 4.
- 7) Removed and treated corrosion and replaced corroded fasteners on right inboard and outboard flaps in right engine exhaust path per FAR 43.13-1B sections 6 and 4.
- 8) Prepped and painted all treated areas with Jet-Glo Matterhorn White.


Grant Van Dolah
A&P 3042593

AIRFRAME
Date: 03/30/2006 **Hobbs:** 356.1
Reg: N7048U **ACTT:** 3179.9
Model: C-310N **S/N:** 310N0171

SKYLINE 
 AERONAUTICS
 776 N Bell Ave, Chesterfield, MO
 (636) 532-2435

- 1) Removed and replaced right auxiliary fuel bladder per Cessna 310N service manual page 11-7. Bladder leak checked good.


Jason Green
A&P 2716350

AIRFRAME
Date: 03/30/2006 **Hobbs:** 356.1
Reg: N7048U **ACTT:** 3179.9
Model: C-310N **S/N:** 310N0171

SKYLINE 
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- 1) Removed and treated surface corrosion on left engine exhaust path areas under right wing per FAR 43.13-1B section 6.
- 2) Removed and replaced 2 ea. right wing inspection plugs PN CM2692-36J1S due to corrosion.
- 3) Removed and treated corrosion and replaced corroded fasteners on left inboard/outboard flaps and aft nacelle area in left engine exhaust path per FAR 43.13-1B sections 6 and 4.
- 4) Prepped and painted all treated areas with Jet-Glo Matterhorn White.


Kevin R Hammon
AP3120655

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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																																																																				
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6/26/06	393.8		Replaced R+L MAIN TIRES using 650-10-8 Ply Concord Tires, greased all wheel bearings. Replaced MS28775-225, MS28775-228 + MS28775-330. O-rings. Service & start with Nitrogen & Mil 606 Hyd. Fluid Charles W. Yates AHP1972156																																																																				
July 20 2006			<p>Model # <u>5934P-3</u> Serial # <u>9</u> Aircraft N <u>7048U</u> Date: <u>7/20/06</u> Altimeter, Altitude Reporter & Static System with Part 43, Appendix "E" for compliance Altimeter Tested to <u>20K ft</u> Work C Signature: <u>[Signature]</u> MUELLER AVIONICS, INC.</p> <p>Model # <u>KT 26A</u> Serial # <u>9</u> Aircraft N <u>7048U</u> Date: <u>7/20/06</u> Transponder system tested in accordance with & Appendix "E", Subpart (c) for compliance Signature: <u>[Signature]</u> Work Ord MUELLER AVIONICS, INC. CF</p>																																																																				
			<table border="1"> <thead> <tr> <th colspan="2">Mueller Avionics, Inc.</th> <th colspan="2">CRS #QYVRO44J</th> </tr> <tr> <th>P/N <u>5934P-3</u></th> <th>S/N <u>414126</u></th> <th>ALT</th> <th>ERROR</th> </tr> <tr> <th>FT</th> <th>FT</th> <th>FT</th> <th>ERROR</th> </tr> </thead> <tbody> <tr> <td>-1000</td> <td>0</td> <td>16000</td> <td>0</td> </tr> <tr> <td>0</td> <td>-10</td> <td>18000</td> <td>+20</td> </tr> <tr> <td>500</td> <td>-10</td> <td>20000</td> <td>+30</td> </tr> <tr> <td>1000</td> <td>0</td> <td>22000</td> <td></td> </tr> <tr> <td>1500</td> <td>0</td> <td>25000</td> <td></td> </tr> <tr> <td>2000</td> <td>0</td> <td>30000</td> <td></td> </tr> <tr> <td>3000</td> <td>0</td> <td>35000</td> <td></td> </tr> <tr> <td>4000</td> <td>0</td> <td>40000</td> <td></td> </tr> <tr> <td>6000</td> <td>0</td> <td>45000</td> <td></td> </tr> <tr> <td>8000</td> <td>-10</td> <td>50000</td> <td></td> </tr> <tr> <td>10000</td> <td>-10</td> <td>Hys 50%</td> <td>+10</td> </tr> <tr> <td>12000</td> <td>-20</td> <td>Hys 40%</td> <td>+20</td> </tr> <tr> <td>14000</td> <td>-20</td> <td>Zero</td> <td></td> </tr> <tr> <td>Date <u>7/20/06</u></td> <td></td> <td>INS</td> <td><u>[Signature]</u></td> </tr> </tbody> </table>	Mueller Avionics, Inc.		CRS #QYVRO44J		P/N <u>5934P-3</u>	S/N <u>414126</u>	ALT	ERROR	FT	FT	FT	ERROR	-1000	0	16000	0	0	-10	18000	+20	500	-10	20000	+30	1000	0	22000		1500	0	25000		2000	0	30000		3000	0	35000		4000	0	40000		6000	0	45000		8000	-10	50000		10000	-10	Hys 50%	+10	12000	-20	Hys 40%	+20	14000	-20	Zero		Date <u>7/20/06</u>		INS	<u>[Signature]</u>
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Date: 9/13/2006
Reg: N7048U
Model: C-310N

AIRFRAME

Hobbs: 401.9
ACTT: 3225.7
S/N: 310N0171

SKYLINE
AERONAUTICS
776 N Bell Ave, Chesterfield, MO
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Performed an **annual inspection** in accordance with FAR 43 Appendix D:

- 1) Inspected and functionally tested the ELT and found it meets the requirements of FAR 91.207 (d). Next inspection is due **Aug 2007**. ELT battery replacement is due **Nov 2008**.
- 2) Removed and replaced ELT battery PN BP1010. ELT operational check good per FAR 91.207 (d).
- 3) Complied with **AD 72-14-08**. Inspected hoses and noted all were AE701 type which are exempt from recurring inspections per this AD. **No further action required.**
- 4) Complied with **AD 2004-25-16 R1** by inspection of the fuel regulator shut-off valve. Performed leak check and functional check of the heater. No defects noted at this time. Next inspection is due **August 2007 or HTT 693.1**
- 5) Complied with **AD 2004-21-05** by pressure check of combustion chamber an operational test of combustion air pressure switch IAW paragraph (e) (1). Decay test passed, No leaks noted. Next inspection is due **August 2008 or HTT 693.1**
- 6) Removed and replaced left and right vacuum relief filters with new, p/n RA-B3-5-1.
- 7) Removed and replaced the central vacuum filter with new, p/n AAD9-14-5.
- 8) Removed and cleaned the left and right fuel strainers. Reinstalled strainers using new gaskets, p/n CAB3-11-1.
- 9) Removed and replaced right aileron cable pulley at aft wing spar in cabin. PN MS24566-3B. No rigging was disturbed.
- 10) Removed and replaced elevator trim cable pulley in aft cabin. PN MS24566-1B. No rigging was disturbed.
- 11) Serviced both brake reservoirs with Aeroshell Fluid 4.

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

[Signature]
Rodney D. Getter
A & D 307787106 TA



Date: 12/14/2006 **Hobbs:** 421.7
Reg: N7048U **ACTT:** 3245.5
Model: C-310N **S/N:** 310N0171

SKYLINE 
AERONAUTICS
776 N Bell Ave, Chesterfield, MO
(636) 532-2435

- 1) Removed main aircraft batteries. Installed two new batteries p/n G-25 s/n G02287889 and s/n G02277925.
- 2) Removed main voltage regulator and installed a new FAA/PMA Zeftronics p/n R251DR s/n U16027 regulator.
- 3) Removed standby voltage regulator and installed a new FAA/PMA Zeftronics p/n R251DR s/n U16026 regulator.
- 4) Ran aircraft and adjusted both voltage regulators to 27.80 volts.
- 5) Performed an operational check on above work. No defects noted.

John D. Green

Jason Green
AP2716350

3/9/07	Hobbs	424.6	Serviced left MAIN strut with Mil 5606 & Dry Nit. Charles W. Getter A+P 1972156
<div style="text-align: center;"><u>AIRFRAME</u></div> <div><div>Date: 07/07/2007 Reg: N7048U Model: Cessna 310N</div><div>ACTT: 3294.4 Hobbs: 472.6 S/N: 310N0171</div></div> <p>ARC PA-511A Pitch Servo, p/n 29510-0501, s/n 905. Replaced motor assembly in pitch servo. Reinstalled and nulled feedback potentiometer. Performed operational check of pitch servo. No defects at this time. Reference St. Louis Avionics, LLC W.O. 211.</p> <div><div>St. Louis Avionics, LLC Kenneth R. Schnurbusch</div><div>Rodney D. Getter A&P 392782196</div></div> <div></div>			

Date: 07/07/2007
Reg: N7048U
Model: Cessna 310N

ARC PA-511A Pitch Servo, p/n 29510-0501, s/n 905.
Replaced motor assembly in pitch servo. Reinstalled
and nulled feedback potentiometer. Performed operational
check of pitch servo. No defects at this time.
Reference St. Louis Avionics, LLC W.O. 211.

St. Louis Avionics, LLC
Kenneth R. Schnurbusch

Kenneth Chamberland Roy D. 20th

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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				
Date: 11/01/2007 Reg: N7048U Model: C-310N		Hobbs: 488.0 ACTT: 3311.8 S/N: 310N0171	<div data-bbox="1023 323 1321 466" data-label="Image"> </div> <p>Performed an annual inspection in accordance with FAR 43 Appendix D:</p> <ol style="list-style-type: none"> 1) Inspected and functionally tested the ELT and found it meets the requirements of FAR 91.207 (d). Next inspection is due Nov 2008. ELT battery replacement is due Nov 2008. 2) Complied with AD 84-26-02 (effective Jan 29, 1985) by removal and replacement of left and right paper induction air filters with new p/n AM10725EA filters. 3) Complied with AD 2004-25-16 R1 (effective Jun 20, 2005) by inspection of the combustion heater fuel regulator shut-off valve. Performed leak check and functional check of the heater. No defects noted at this time. Next inspection is due Nov 2008 or HTT 711.0 4) Removed and replaced left and right vacuum relief filters with 2ea new, p/n RA-B3-5-1. 5) Removed and replaced the central vacuum filter with new, p/n RAD9-14-5. 6) Removed and cleaned the left and right fuel strainers. Reinstalled strainers using new gaskets, p/n CAB3-11-1. 7) Serviced both brake reservoirs with Aeroshell Fluid 4. 8) Drilled out loose rivets attaching left hand outboard main landing gear door and removed. Installed 9ea p/n CN130120 floating nut plates and reinstalled door with 7ea p/n MS27039-1-08 and 2ea p/n MS27039-1-06 structural machine screws. Stop drilled small cracks and installed a .032 2024-T3 aluminum doubler with p/n CR3243-4-2 Cherry Max rivets. 9) Drilled out loose rivets attaching right hand outboard main landing gear door and removed. Installed 9ea p/n CN130120 floating nut plates and reinstalled door with 7ea p/n MS27039-1-08 and 2ea p/n MS27039-1-06 structural machine screws. Stop drilled a small crack. 10) Removed and replaced right wing fuel tank drain valve with a new p/n S2485-1 valve. Performed leak and operational checks. No defects at this time. 11) Removed right engine, right hand exhaust stack assembly due to a crack and installed a new p/n 085067036 stack assembly using 3ea new exhaust gaskets p/n 652458 and 12ea new nuts p/n MS20500428. 12) Removed access panel mounting flange/doubler located directly aft of right hand engine out board exhaust augments tube due to corrosion. Fabricated a new access panel mounting flange/doubler from .025 2024-T3 aluminum. Epoxy primed new flange. Reused nut plates removed from original flange. Installed using MS20470AD4-3 universal head rivets, MS20426AD4-3 countersunk head rivets and CR3242-4-2 Cherry Max rivets. Work performed using Acceptable Methods/Techniques and Practices. This is a minor repair per FAR 1.1 "General definitions". 13) Repaired crack in right hand engine nacelle under out board exhaust augments tube by fabrication of a doubler from .025 2024-T3 aluminum. Epoxy primed doubler and repair area. Stop drilled crack. Installed doubler with MS20470AD3-3 universal head rivets. Work performed per AC43.13-1B Section 4, PAR 4-58 e and Figure 4-16 using Acceptable Methods/Techniques and Practices. This is a minor repair per FAR 1.1 "General definitions". 14) Repaired crack in left hand engine nacelle under out board exhaust augments tube by fabrication of a doubler from .025 2024-T3 aluminum. Epoxy primed doubler and repair area. Stop drilled crack. Installed doubler with MS20470AD3-3 universal head rivets. Work performed per AC43.13-1B Section 4, PAR 4-58 e and Figure 4-16 using Acceptable Methods/Techniques and Practices. This is a minor repair per FAR 1.1 "General definitions". 15) Removed and replaced Aileron trim tab rod end attachment bolt at trim tab with a new p/n AN3-6 bolt. 16) Removed and replaced Rudder trim tab rod end attachment bolt at trim tab with a new p/n AN3-6 bolt. 17) De-fueled right hand tip tank. Removed fuel quantity sending unit and cleaned corrosion from flange using Alumaprep 33 and a stainless steel brush, treated area with alodine and reinstalled sending unit using a new gasket p/n 0823355-1. Painted exposed area of flange with epoxy primer. Re-fueled tank and performed leak and operational checks, no leaks or defects noted. <p>I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p><i>Rodney D. Getter</i> Rodney D. Getter A&P 392782196 IA</p> <div data-bbox="293 1816 427 2022" data-label="Form"> <table border="1"> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> </div> <p>SUB-TOTAL this page</p> <p>TOTAL—Carry forward to next page</p>				



Metro Aviation Group
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 1249 Airport Dr. Sullivan, MO 63080
 (314) 267-6782

- SCOTT CARPENTER
A&P 451352717

2/5/08 (see below)

Date: 7/24/2008, Aircraft: N7048U, Type: 310N, S/N: 310N0171 Hobbs 529.7 ACTT: 3,353.5
Airframe
Jacked aircraft. Removed tire assy. Replaced tire, w/new p/n Mich Aviator 6.50x10 6 ply, wheel half w/new, p/n 164-01901, and brake disc, w/new 164-01406. Damage caused by taxi incident.
Removed and dis-assembled left gear strut and scissors. Sent to Hoosier Aircraft for NDT inspection, checked ok. Fabricated new left brake hose. Installed and bled brakes.
Removed aft lower nacelle skin. Repaired structure as required. Replaced door support, p/n 0851000-225 and skin, p/n 0851000-143. Replaced both hinge halves, p/n 0851000-100 and p/n 0826000-30. Fit serviceable door, p/n 0826002-206. Replaced door edge seals, p/n S1098-2. Prepped and painted skin and door.
Painted, re-sealed, and assembled left gear strut. Installed strut on aircraft. Serviced struts. Shimmed left scissors. Retraction checked good.
Installed new squat switch Service Kit 421-136B, IAW Cessna MEB 88-1.
Replaced left downlock switch w/new, p/n S2088-4. Rigged and ops checked ok.

The aircraft, engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was determined airworthy and approved for return to service. Pertinent details of the repair are on file at this repair station under W/O # 08-37208 dated 7-24-08, signed [Signature] : "Cessna Metropolitan Airport"

REPAIRABLE UNIT DATA

PART NAME _____

PART # _____

Serial # _____

REMOVED FROM _____

ACFT NO. _____

POSITION _____

REMOVED _____

BY _____

MO. _____ DAY _____ YR. _____ STA. _____

A/C TAT: _____

TSO: _____

REASON FOR REMOVAL

SCOTT CARPENTER
A&P 451352717

Deer Horn Aviation Ltd. Co
Component Identification Tag

UNIT INSTALLED DATA

A/C # _____
POSITION _____
INSTALLED _____
BY _____
MO. _____ DAY _____ YR. _____ STA. _____
DHA - 4 _____ White - Customer _____ Ye _____

Yellow - on Part Pink - Work Order

1. FAA CRS No.:

PART OR MATERIAL CERTIFICATION FORM

3. Form Reference Number:

S16354

4. Organization:

Chance Aviation
4444 Decatur blvd; Suite 1000; Indianapolis IN 46241PH: 317-486-8802
FAX: 317-486-88055. Our Invoice / Your PO
INV18289 21009

6. Item	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	INNER WHEEL HALF AS	161-01901		1		NE

13. Remarks:

To the best of our knowledge, the above part(s) have not been subjected to severe stress or heat (as in major engine failure, accident, incident or fire) and it was not obtained from any U.S. government or military source. Part not operated since acquired from:

Last Operator:

End Item Serial No.:

Obtained From:

Last Certification Agency:

TSN:

CSN:

14. New Parts Material Certification. The following signature attests that the part(s) identified above was (were) manufactured and inspected in accordance with the code of the Federal Regulations 14 or the Airworthiness Authority of the Country of origin and/or established industry or U.S. specifications.

18. Used, Repaired or Surplus Parts Certification: The following signature attests that the documentation specified above or attached is accurate with regard to the item(s) described.

15. Authorized Signature:



19. Authorized Signature:

16. Name (Types or Printed):

DAVE SMITH

17. Date (m/d/y):

2-3-2008

20. Name (Typed or Printed)

21. Date (m/d/y)

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page

AIRFRAME

Date: 12/19/2008 Hobbs: 547.3
 Reg: N7048U ACTT: 3371.1
 Model: C-310N S/N: 310N0171

**Metro Aviation Group**

1249 Airport Dr. Sullivan, MO 63080
 (314) 267-6782

Performed an **annual inspection** in accordance with FAR 43 Appendix D:

- 1) Removed and replaced ELT battery with a new PN BP1010. **Next ELT battery replacement is due February 2011.**
- 2) Inspected and functionally tested the ELT and found it meets the requirements of FAR 91.207 (d). **Next ELT inspection is due December 2009.**
- 3) Complied with **AD 2004-21-05 (effective Nov 19, 2004)** by pressure check of combustion chamber and operational test of combustion air pressure switch IAW paragraph (e) (1). Decay test passed, No leaks noted. **Next inspection is due December 2010 or HTT 741.4.**
- 4) Complied with **AD 2004-25-16 R1 (effective Jun 20, 2005)** by inspection of the combustion heater fuel regulator shut-off valve. Performed leak check and functional check of the heater. No defects noted at this time. **Next inspection is due Nov 2009 or ACTT 3471.1.**
- 5) Removed, disassembled and inspected nose wheel assembly. Cleaned, inspected and serviced bearings with Aeroshell 22 grease. Reassembled the wheel using a new tube, p/n 302-246-401, and a new tire, p/n 072-314-0 s/n 8195W00146. Reinstalled wheel assembly on the aircraft. Serviced tire to 40 PSI.
- 6) Removed and replaced left and right vacuum relief filters with 2ea new, p/n RA-B3-5-1.
- 7) Removed and replaced the central vacuum filter with new, p/n RAD9-14-5.
- 8) Removed and cleaned the left and right fuel strainers. Reinstalled strainers using new gaskets, p/n B3-11-1.
- 9) Removed and replaced fuel selector illumination light bulb with a new p/n GE 303 bulb.
- 10) Removed and replaced left aileron push/pull rod fwd attach bolt with 1ea new p/n AN4-13A bolt and 1ea p/n MS21042L4 nut.
- 11) Serviced both brake reservoirs with Aeroshell Fluid 4.
- 12) Removed left Aileron. Removed and replaced left aileron out board bearing with a new p/n ASR4-402 bearing. Reinstalled aileron using 1ea new bolts p/n AN4-12A., AN3-5 and AN4-13A.
- 13) Removed and replaced cockpit air vent valves with 2ea serviceable WEMAC valves p/n 2115.
- 14) Performed operations and leak checks for work performed. No leaks or defects at this time.

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

Rodney D. Getter
 Rodney D. Getter
 A&P 392782196 IA

AIRFRAME

Date: 01/21/2009 Hobbs: 556.4
 Reg: N7048U ACTT: 3380.2
 Model: C-310N S/N: 310N0171

**Metro Aviation Group**

1249 Airport Dr. Sullivan, MO 63080
 (314) 267-6782

- 1) Removed directional gyro p/n 060-0015-00 s/n 22422 and sent to Porter-Strait Instrument Co., Inc. for overhaul. Reinstalled overhauled unit. Performed operational check. No defect at this time. See FAA Form 8130-3 dated 01/13/2009 with work order number 94872 for details.

Rodney D. Getter
 Rodney D. Getter
 A&P 392782196

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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
		TOTAL brought forward from previous page	

AIRFRAME

Date: 01/21/2009 Hobbs: 557.2
 Reg: N7048U ACTT: 3380.0
 Model: C-310N S/N: 310N0171

**Metro Aviation Group**

1249 Airport Dr. Sullivan, MO 63080
 (314) 267-6782

- 1) Removed left hand Propeller and Spinner Assembly, McCauley model D3AF32C80 s/n 716235. Installed Hartzell Propeller and Spinner assembly model PHC-J3YF-2UF/FC7663D-2R s/n ED5682B, in accordance with Supplemental Type Certificate No. SA234CH. Installation performed in accordance with the original Cessna 310 model aircraft installation and service instructions and by Hartzell Installation Instructions for model 310N dated June 17, 1997. Inserted FAA Approved Airplane Flight Manual Supplement for Cessna 310N, dated June 17, 1997 into Airplane Flight Manual.
- 2) Removed right hand Propeller and Spinner Assembly, McCauley model D3AF32C80 s/n 830126. Installed Hartzell Propeller and Spinner assembly model PHC-J3YF-2UF/FC7663D-2R s/n ED5684B, in accordance with Supplemental Type Certificate No. SA234CH. Installation performed in accordance with the original Cessna 310 model aircraft installation and service instructions and by Hartzell Installation Instructions for model 310N dated June 17, 1997. Inserted FAA Approved Airplane Flight Manual Supplement for Cessna 310N, dated June 17, 1997 into Airplane Flight Manual.
- 3) **Instructions for Continued Airworthiness** is provided by Hartzell Propeller, Inc., in an FAA Approved Owner's Manual No. 115N Document No. 61-00-15 dated August 2006, Revision 13. A copy has been placed with aircraft records at this time.
- 4) Aircraft Equipment List and Weight and Balance updated and placed in aircraft records.
- 5) Performed ground run for operational and leak checks. No defects at this time.

Jason D Moellinger
Jason D Moellinger
 A&P 3121407

AIRFRAME

Date: 08/10/2009 Hobbs:
 Reg: N7048U ACTT:
 Model: C-310N S/N: 310N0171

**Metro Aviation Group**

1249 Airport Dr. Sullivan, MO 63080
 (314) 267-6782

- 1) Removed right hand fuel drain and replaced with a new, p/n 79C1, fuel drain and, p/n MS29513-020, o-ring. Performed operational check and leak check of new drain. No defects noted.

Jason Moellinger
JASON MOELLINGER
 A&P 3121407

AIRFRAME

Date: 2/13/2010 Hobbs: 591.1
 Reg: N7048U ACTT: 3414.9
 Model: C-310N S/N: 310N0171

**Metro Aviation Group**

1249 Airport Dr. Sullivan, MO 63080
 (314) 267-6782

- 1) Adjusted rudder cable tensions in accordance with Cessna maintenance manual. Safety wired left and right turnbuckles in accordance with AC-43-13-1B single wrap method Section 7-26D.
- 2) Installed new AC inverter, p/n C613001-0101 and new Rheostat, p/n 0870142-2 for EL panels.
- 3) Removed Hobbs meter and tested. Inspected wires and press switches. Installed new press switch p/n M4006.4, and adjusted Hobbs to correct time.
- 4) Removed main aircraft batteries. Installed two new batteries p/n G-25 s/n G02333005 and s/n G02485367. Activation and service complied with per Teledyne Battery Products' Gill Dry-Charged Lead Acid Battery Service Manual" p/n Q01-1120 Rev C 8-17-07, Section 5.
- 5) Performed operations and leak checks for work performed. No leaks or defects at this time.

Mark Macey
MARK MACEY
 A&P 3418738

AIRFRAME

Date: 2/13/2010
Reg: N7048U
Model: C-310N

Hobbs: 591.1
ACTT: 3414.9
S/N: 310N0171



Metro Aviation Group
WE KEEP YOU FLYING

1249 Airport Dr. Sullivan, MO 63080
(314) 267-6782

Performed an annual inspection in accordance with FAR 43 Appendix D:

- 1) Inspected and functionally tested the ELT and found it meets the requirements of FAR 91.207 (d). Next ELT inspection is due February 2011. Next ELT battery replacement is due February 2011.
- 2) Complied with AD 2004-25-16 R1 (effective Jun 20, 2005) by inspection of the combustion heater fuel regulator shut-off valve. Performed leak check and functional check of the heater. No defects noted at this time. Next inspection is due January 2011 or ACTT 3514.9
- 3) Removed and replaced left and right vacuum relief filters with 2ea new, p/n RA-B3-5-1.
- 4) Removed and replaced the central vacuum filter with new, p/n RAD9-14-5.
- 5) Removed and cleaned the left and right fuel strainers. Reinstalled strainers using new gaskets, p/n B3-11-1.
- 6) Performed operations and leak checks for work performed. No leaks or defects at this time.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

R. D. Getter
Rodney D. Getter
A&P 392782196 IA

Mueller Avionics, Inc. CRS # QYVR0443			
P/N	5934P-3	S/N	414126
ALT	FT	ALT	FT
	ERROR		ERROR
-1000	+10	16000	+30
0	0	18000	+20
500	+10	20000	+40
1000	+10	22000	X
1500	+20	25000	
2000	+10	30000	
3000	+10	35000	
4000	+10	40000	
6000	+20	45000	X
8000	+30	50000	
10000	+40	Hys 50%	+10
12000	+40	Hys 40%	0
14000	+30	Zero	+20
Date 10/27/10 <i>Mark Wherry</i>			

Model # *KY76A* Serial # *932*
Aircraft N *7048U* Date: *Oct 27 2010*
Transponder system tested in accordance with
"F" & Appendix "E", Subpart (c) for compliance
Signature: *Mark Wherry* Work Order #
MUELLER AVIONICS, INC. CRS #

Model # *5934P-3* Serial # *414126*
Aircraft N *7048U* Date: *Oct 27 2010*
Altitude Reporter & Static System test
with Part 43, Appendix "E" for compliance with F
Altimeter Tested to *10000* Work Order #
Signature: *Mark Wherry*
MUELLER AVIONICS, INC. CRS #

3/24/2011

Tech/Hobbs: 631.8

*Aircraft has been inspected I/A/W
The Special Flight Permit and found
to be safe for the intended flight.*

Mark Wherry AIP 3418738

4/14/2011

Hobbs: 632.8

*Removed Right Engine S/N 171260-12 and
shipped to Replac Greave Airframe for
inspection and repair.*

Mark Wherry AIP 3418738

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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
			TOTAL brought forward from previous page
5-29 2011	3456.7	632.9	ELT Battery Due July 2013 Inspected ELT as per FAR 91-207d123u Packed wheel Bearing. Jacked Aircraft cycled Landing Gear. Service Battery. Mark Mwangi AIP 3418738
5-29 2011	3456.7	632.9	I certify this aircraft has been inspected in accordance with an Annual inspection and determined to be in an Annual inspection. <i>[Signature]</i> D111239191A

MAKE: Cessna
MODEL: 310N
S/N: 310N0717
REG. NO: 7048U
WORK ORDER: 8215

Columbia Avio
Repair Station No. C4
11200 Airport Road
Columbia, MO 65201
Phone: 573-874-4141

Airframe Entries

- 1 Troubleshoot inoperative HSI system. Found installed exchange KG-102A directional gyro.

Maintenance Release

The aircraft, airframe, or appliance on N7048U was repaired. Details of the repair are on file at this repair station.

DATE: 08 September, 2011

SIGNED:

Eric
Certified

1. Approving National Aviation Authority/Country:

FAA/
UNITED STATES

2.

AUTHORIZED RELEASE

FAA Form 8130-3, AIRWORTHINESS

4. Organization Name and Address:

Pacific Southwest Instruments FAACRS
1721 Railroad St., Corona, CA 92880

6. Item:

7. Description:

8. Part Number:

1

DIRECTIONAL GYRO



060-0015-00

13. Remarks:

Item 1 was manufactured by King.

This unit was Overhauled in accordance with 006-15623-0007 REV.7 3/1/02

For further details, please see Work Order No: 254068

EASA Release to Service: Pacific Southwest Instruments certifies that the work specified in part 145 approval, and with respect to that work, the aircraft complies with EASA.145.4723

14. Certifies the items identified above were manufactured in conformity to:

19.

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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
			TOTAL brought forward from previous page

University of Central Missouri

Date: 8/7/2012

Model: C-310N

Reg: N7048U

Airframe *sh*

ACTT: 3518.1

Hobbs: 690.3

Performed an annual inspection in accordance with FAR 43 Appendix D using Cessna 310N Service Manual Inspection chart as a guideline:

1. Inspected and functionally tested the ELT and found it meets the requirements of FAR 91.207 (d), **Battery due July 2013.**
 2. Serviced shimmy dampner with 5606 .
 3. Replaced right and left vacuum relief filters with new P/N ARB3-5-1.
 4. Removed, cleaned right and left fuel strainers and reinstalled. Jacked aircraft, packed wheel bearings with Aeroshell 5 and function checked the landing gear. No defects noted at this time.
 5. Replaced LH and RH MLG brake linings P/N 066-03300.
 6. Removed and Installed overhauled Turn Coordinator P/N 1394T100-7Z.
 7. Removed and replaced LH Landing Light motor with overhauled unit P/N G2905-24RX.
 8. Removed and replaced tail anti-collision light assembly with new P/N 11-01019. See applicable 337.
 9. Removed and replaced RH MLG inboard wheel half with P/N162-01700.
 10. Removed LH MLG inboard wheel half, removed corrosion, repainted and reinstalled.
 11. Resealed RH MLG strut and serviced with 5606 and Nitrogen.
 12. Removed and replaced lower RH nose bulkhead with new P/N 0813022-8.
 13. Removed corrosion from various areas in nose section and primed.
 14. **AD 2012-03-06C**, N/A by manufacture not Installed on Aircraft.
 15. **C/W AD 2004-25-16 R1** by leak checking Heater fuel shutoff valve, no defects noted at this time. **Next due 8/6/2013 or ACTT 3613.5.**
 16. **C/W AD 2004-21-05** by performing a pressure check of the heater combustion chamber and operational check of the combustion air pressure switch. Decay test passed, no defects noted at this time. **Next Due 8/6/2014 or HTT 767.4.**
 17. **C/W AD 72-14-08 R1** by inspection of flexible fluid lines in nacelle, no defects or leaks noted at this time. **Next due at 3573.5 ACTT.**
 18. Replaced Fire Extinguisher with new P/N C352TS.
 19. Removed Garmin 530 and sent to Kings Avionics, Kings W/O 70839, reinstalled after repairs.
 20. Performed ground run for operation and leak check, no leaks or defects noted.
- A.D. research-check through 2012-15 using ATP Navigator.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.


 Paul Adams

University of Central Missouri

FAA Repair Station CMXR907C

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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
11/5/2012			<p>Model # <u>KT76A</u> Serial # <u>93531</u> Aircraft N <u>7048U</u> Date: <u>Nov 5 2</u> Transponder system tested in accordance with part 43 "F" & Appendix "E", Subpart (c) for compliance with FAR 91.411 Signature: <u>[Signature]</u> Work Order # <u>804</u> MUELLER AVIONICS, INC. CRS # QYVR0</p>
			<p>Model # <u>5934P-3</u> Serial # <u>4142</u> Aircraft N <u>7048U</u> Date: <u>Nov 5</u> Altimeter, Altitude Reporter & Static System tested in accordance with Part 43, Appendix "E" for compliance with FAR 91.411 Altimeter tested to: <u>20K</u> Work Order # <u>[Signature]</u> Signature: <u>[Signature]</u> MUELLER AVIONICS, INC. CRS # QYVR044J</p>

Mueller Avionics, Inc. CRS #QYVR044J		S/N 41426	
P/N 5934P-3	ALT	ALT	ERROR
FT	ERROR	FT	ERROR
-1000	+10	16000	+30
0	0	18000	+30
500	0	20000	+40
1000	+10	22000	
1500	+10	25000	
2000	+10	30000	
3000	+20	35000	
4000	+20	40000	
6000	+20	45000	
8000	+20	50000	
10000	+30	Hys 50%	+10
12000	+30	Hys 40%	0
14000	+40	Zero	0
Date: <u>Nov 5, 12</u>	<u>[Signature]</u>		

5/2/2013

AIR ASSOCIATES

18600 Edison Ave.
Chesterfield, MO 63005
(636) 536-1341

Airframe

Reg: N7048U

Model: C-310N

S/N: 310N0171

Date: 5/2/201

Hobbs: 705.4

TTA: 3528.2

1. Removed aircraft batteries p/n G-25 s/n G02485367 and p/n G-25 s/n G02333005 and installed 2 each new Concorde Batteries p/n RG25 s/n 40552316 and p/n RG25 s/n 40526579 in accordance with STC# SA01118WI. See 337 this date for details.
2. Serviced tires to manufactures specification.

The aircraft identified was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service for the work performed.

Tom Ward A&P492800512

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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
			TOTAL brought forward from previous page

N# 7048U

DATE 11/8/2013

HOBBS HRS 715.6

TOTAL HRS 3538.4

100 HOUR INSPECTION COMPLETED THIS DATE. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH FAR 43. AND ELT CHECK I.A.W. FAR 91.207 (d)
 LUBED ALL LUBRICATION POINTS. REPLACED RIGHT ENGINE ALTERNATOR BELT. REPLACED RIGHT MAIN LANDING GEAR TUBE. ADJUSTED LANDING GEAR UP LIMIT SWITCH. REMOVED ELT S/N 43764--SENT TO MERL INC. FOR REPAIR. ELT WAS EXCHANGED FOR OVERHAULED UNIT. INSTALLED NEW ELT & NEW BATTERY S/N 74504 FROM MERL. INC.-- **ELT BATTERY--DUE DECEMBER 2015.** REPLACED & REPOSITIONED RIGHT & LEFT MAIN LANDING GEAR BRAKE HOSE CLAMPS. REPLACED FUEL CAP O-RINGS. REPLACED LEFT & RIGHT VACUUM REGULATOR FILTERS. REPLACED VACUUM CENTRAL AIR FILTER. REMOVED ELT TRAY. CLEANED CORROSION & REINSTALLED. SERVICED STRUTS WITH 5606 & NITROGEN. ROTATED RIGHT & LEFT MAIN LANDING GEAR TIRES. REPLACED VARIOUS RIVETS IN RIGHT & LEFT ENGINE SIDE COWLINGS. REPOSITIONED LEFT ENGINE BREATHER TUBE. CLEANED & PAINTED BATTERY BOX. C.W.A.D. 96-12-22 ENGINE OIL FILTER ADAPTER BY INSPECTION E.D. 07/31/1996. C.W.A.D. 72-14-08 RY BY INSPECTION OF FLEXIBLE FLUID LINES IN NACELLE. C.W.A.D. 2004-21-05 HEATER DECAY TEST (HEATER HOBBS 673.8) E.D. 11/19/2004. C.W.A.D. 2004-25-16R1 HEATER FUEL SHUT OFF VALVE E.D. 06/20/2005. A.D. CHECK THRU 2013-23. THE END.XXXXXXXX

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

WORK ORDER # 201300336

REPAIR STATION CMXR907C

University of Central Missouri
 Date: 11/13/2013
 Model: C-310N

Reg: N7048U

Airframe
 Hobbs: 715.6
 ATT: 3538.4

Replaced LH landing light motor with overhauled unit. P/N: G2905-24RX, S/N: 78724

FAA Repair Station CMXR907C

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N# 7048U

DATE 12/8/2014

TACH HRS 739.0.0

TOTAL HRS 3562.8

INSPECTION COMPLETED THIS DATE. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH FAR 43 APPENDIX D. AND ELT CHECK I.A.W. FAR 91.207 (d)

LUBED ALL LUBRICATION POINTS. REMOVED RIGHT TIE DOWN AND REPLACED TIE DOWN SPRING AND BOLT. DRAINED LEFT MAIN TANK. REMOVED ACCESS PANELS. SEALED NUTPLATE INSIDE TANK AND LEAK CHECKED. REPLACED VACUUM REGULATOR FILTERS. SECURED BAFFLING AROUND CYLINDER #5 ON BOTH RIGHT AND LEFT ENGINES. REPLACED O-RINGS IN RIGHT BRAKE ASSEMBLY. BLED LEFT & RIGHT BRAKES. ROTATED RIGHT MAIN LANDING GEAR TIRE. ADJUSTED NOSE LANDING GEAR TRAVEL ROD END. REPLACED ALL(4) ENGINE LORD SHOCK MOUNTS ON LEFT ENGINE. REPLACED O-RINGS IN SHIMMY DAMPNER. FILLED WITH 5606 AND REINSTALLED WITH NEW HARDWARE. REPLACED RIGHT RUDDER PEDAL RETURN SPRING. C.W.A.D. 2014-03-03 PROHIBIT FLIGHT INTO KNOWN ICING CONDITIONS BY INSTALLATION OF PLACARDS AND A SUPPEMENT TO FLIGHT MANUAL. C.W.A.D. 96-12-22 ENGINE OIL FILTER ADAPTER E.D. 07/31/1996 BY RETORQUING OIL FILLER ADAPTER & APPLIED TORQUE SEAL TO NUT PER A.D. C.W.A.D. 72-14-08 RY BY INSPECTION OF FLEXIBLE FLUID LINES IN NACELLE. C.W.A.D. 2004-25-16R1 HEATER FUEL SHUT OFF VALVE E.D. 06/20/2005. A.D. CHECK THRU 2014-25. THE END.XX

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

WORK ORDER # 201400528

REPAIR STATION CMXR907C

N7048U

Model # 5934P-3 Serial # 41426
Aircraft N 7048U Date: Jan 10 2015
Altimeter, Altitude Reporter & Static System tested in accordance with Part 43, Appendix "E" for compliance with FAR 91.4
Altimeter Tested to 30KFT Work Order # 8955
Signature: *[Signature]*
MUELLER AVIONICS, INC. CRS # QYVR04

Model # KT 76A Serial # 93531
Aircraft N 7048U Date: Jan 10 2015
Transponder system tested in accordance with part 43, "F" & Appendix "E", Subpart (c) for compliance with FAR 91.413
Signature: *[Signature]* Work Order # 8955
MUELLER AVIONICS, INC. CRS # QYVR04

Mueller Avionics, Inc. CRS #QYVR044J			
P/N 5934P-3		S/N 41426	
ALT FT	ERROR	ALT FT	ERROR
-1000	-10	16000	+40
0	0	18000	+40
500	0	20000	+30
1000	+10	22000	X
1500	+10	25000	
2000	+10	30000	
3000	+20	35000	
4000	+20	40000	
6000	+30	45000	X
8000	+20	50000	
10000	+10	Hys 50%	
12000	+20	Hys 40%	+10
14000	+20	Zero	
Date Jan 10 2015 <i>[Signature]</i>			

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DATE

N# 7048U

DATE 1/7/2016

TACH HRS 760.5

TOTAL HRS 3584.3

INSPECTION COMPLETED THIS DATE. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH FAR 43 APPENDIX D. AND ELT CHECK I.A.W. FAR 91.207 (d)

LUBED ALL LUBRICATION POINTS. BLED RIGHT BRAKE SYSTEM. CLEANED LEFT WING FUEL SUMP SEAT BY BACK BLOWING COMPRESSED AIR INTO VALVE. REPLACED FITTING O-RINGS AND GASKET AT FUEL PUMP IN LEFT WING MAIN FUEL BANK. REPLACED RIGHT MAIN LANDING GEAR TIRE. STOP DRILLED AND PATCHED LEFT ENGINE BAFFLE BEHIND CYLINDER #1. REPAIRED FUSE BLOCK WIRES IN RIGHT NACELLE AND REPLACED BOOT. RETENTIONED RIGHT & LEFT ALTERNATOR BELTS. REMOVED BATTERY BOX--CLEANED & REPAINTED. REPLACED VACUUM REGULATOR FILTERS. REPLACED FLEXIBLE FUEL HOSES IN BOTH LEFT & RIGHT NACELLES. REPLACED ELT BATTERY-NEXT DUE FEBRUARY 2018. RADIUSED THREE(3) CRACKS IN DOUBLER ON LEFT MAIN LANDING GEAR DRAG BRACE MOUNT RIB--PER CESSNA STRUCTURAL REPAIR MANUAL. RADIUSED THREE(3) CRACKS IN DOUBLER ON RIGHT MAIN LANDING GEAR DRAG BRACE MOUNT RIB--PER CESSNA STRUCTURAL REPAIR MANUAL. REPLACED RIGHT MAIN LANDING GEAR BRAKE DISC. PATCHED HOLE IN BELLY SKIN AFT OF RIGHT ENGINE. CLEANED CORROSION FROM RIGHT OUTBOARD MAIN LANDING GEAR WHEEL HALF & PAINTED. ADJUSTED AUDIO PANEL POTENTIOMETERS FOR CLEAR AUDIO RECEPTION. VERIFIED AUDIO PANEL OPERATION. C.W.A.D. 96-12-22 ENGINE OIL FILTER ADAPTER BY INSPECTION E.D. 07/31/1996. C.W.A.D. 72-14-08R1 BY INSPECTION OF FLEXIBLE FLUID LINES IN NACELLE. C.W.A.D. 2004-21-05 HEATER DECAY TEST(HEATER HOBBS 678.9) E.D. 11/19/2004. C.W.A.D. 2004-25-16R1 HEATER FUEL SHUT OFF VALVE E.D. 06/20/2005. A.D. CHECK THRU 2016 -01. THE END.XX

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

WORK ORDER # 201500572

Scott Sch
REPAIR STATION CMXR907C

JAN
18,
2017

Model # 5934P-3 Serial # 41426
Aircraft N# 7048U Date: Jan 18 2017
Altimeter, Altitude Reporter & Static System tested in accordance with Part 43, Appendix "E" for compliance with FAR 91.411
Altimeter Tested to 20KFT Work Order # 201500572
Signature: [Signature]
MUELLER AVIONICS, INC. CRS #

Model # KT 76A Serial # 939
Aircraft N# 7048U Date: Jan
Transponder system tested in accordance with "F" & Appendix "E" Subp. (c) for compliance
Signature: [Signature] Work Order #
MUELLER AVIONICS, INC. CRS #

N7048U

Mueller Avionics, Inc. CRS #QYVR044J			
P/N	S/N	ALT	ERROR
5934P-3	41426	ALT	ALT
FT	ERROR	FT	ERROR
-1000	-10	16000	+10
0	0	18000	+20
500	+10	20000	+20
1000	+10	22000	
1500	+10	25000	
2000	+20	30000	
3000	+20	35000	
4000	+30	40000	
6000	+20	45000	
8000	+20	50000	
10000	0	Hys 50%	+20
12000	0	Hys 40%	+10
14000	+10	Zero	

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Date: Jan 18, 17 [Signature]

NG WORK

Heater Hobbs: 679.7

ACTT: 3596.9

S/N: 310N0171

- 1) **AD2004-25-16 R1** amendment. 39-14076 dated 6-20-2005 complied with by inspection of the heater fuel regulator shutoff valve per Kelly Aerospace Power Systems Service Bulletin No. A-107A dated 8-6-2002. No defects found. **Next due 2/2018 or 875.1 Hobbs.**
- 2) **AD2016-17-08** amendment. 39-18261 dated 9/12/2016. Complied with by replacement of elevator trim tab push pull rod and hardware. Replacement of bolt required if removed in the future. Visual inspection **due again at 875.1 hours or 2/2018.**
- 3) **FAR 91.207(d)** complied with by visual inspection and operational test of ELT, no defects found. **Next due 2/2018. Battery due 1/2018**
- 4) Installed 2 new vacuum regulator filters P/N B3-5-1.
- 5) Replaced central gyro filter with new P/N RA D9-14-5.
- 6) Replaced 9 rivets in wing panel aft of left outboard exhaust.
- 7) Serviced nose strut with nitrogen.
- 8) Replaced both aux fuel tank placards.
- 9) Replaced lamp in turn coordinator post light.
- 10) Cleaned corrosion from battery box lid and painted with acid proof paint.

I certify this aircraft has been inspected in accordance with an **Annual** inspection per FAR 43 app. D. and is approved for return to service.

Daryl Hanus A&P3309146IA

Adam/Hanna

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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																																																																
	TOTAL brought forward from previous page																																																																		
	Model # <u>5934P-3</u> Serial # <u>414126</u> Aircraft N <u>7048U</u> Date: <u>June 20 2019</u> Altimeter, Altitude Reporter & Static System tested in accordance with Part 43, Appendix "E" for compliance with FAR 91.411 Altimeter Tested to <u>20Kft</u> Work Order # <u>10772</u> Signature: <u>[Signature]</u> MUELLER AVIONICS, INC. CRS # QYVR044J																																																																		
	Model # <u>KT76A</u> Serial # <u>93531</u> Aircraft N <u>7048U</u> Date: <u>June 20 2019</u> Transponder system tested in accordance with part 43, Appendix "F" & Appendix "E", Subpart (c) for compliance with FAR 91.413. Signature: <u>[Signature]</u> Work Order # <u>10772</u> MUELLER AVIONICS, INC. CRS # QYVR044J																																																																		
	<div style="text-align: right; font-size: 1.5em; font-weight: bold;">N7048U</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Mueller Avionics, Inc. CRS #QYVR044J</th> </tr> <tr> <th>P/N <u>5934P-3</u></th> <th>S/N <u>414126</u></th> <th colspan="2"></th> </tr> <tr> <th>ALT FT</th> <th>ERROR</th> <th>ALT FT</th> <th>ERROR</th> </tr> </thead> <tbody> <tr><td>1000</td><td>-18</td><td>16000</td><td>-30</td></tr> <tr><td>0</td><td>18</td><td>18000</td><td>-30</td></tr> <tr><td>500</td><td>0</td><td>20000</td><td>-30</td></tr> <tr><td>1000</td><td>+18</td><td>22000</td><td></td></tr> <tr><td>1500</td><td>+18</td><td>25000</td><td></td></tr> <tr><td>2000</td><td>+18</td><td>30000</td><td></td></tr> <tr><td>3000</td><td>+20</td><td>35000</td><td></td></tr> <tr><td>4000</td><td>+20</td><td>40000</td><td></td></tr> <tr><td>6000</td><td>+20</td><td>45000</td><td></td></tr> <tr><td>8000</td><td>+18</td><td>50000</td><td></td></tr> <tr><td>10000</td><td>-18</td><td>Hys 50%</td><td></td></tr> <tr><td>12000</td><td>-20</td><td>Hys 40%</td><td></td></tr> <tr><td>14000</td><td>-20</td><td>Zero</td><td></td></tr> </tbody> </table> Date <u>6-20-19</u> <u>[Signature]</u>			Mueller Avionics, Inc. CRS #QYVR044J				P/N <u>5934P-3</u>	S/N <u>414126</u>			ALT FT	ERROR	ALT FT	ERROR	1000	-18	16000	-30	0	18	18000	-30	500	0	20000	-30	1000	+18	22000		1500	+18	25000		2000	+18	30000		3000	+20	35000		4000	+20	40000		6000	+20	45000		8000	+18	50000		10000	-18	Hys 50%		12000	-20	Hys 40%		14000	-20	Zero	
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