

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>TOTALS</b> brought forward from previous page				

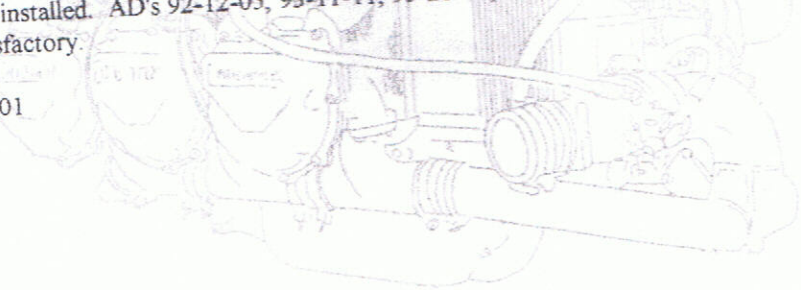
*Aero*  
**ENGINES**  
OF WINCHESTER, INC.  
615 AIRPORT ROAD #109 • WINCHESTER, VA 22602  
(540) 678-1661

Tach 9400.7

1/30/08 Engine Model: O-320-E2D Serial Number: L-45084-27A

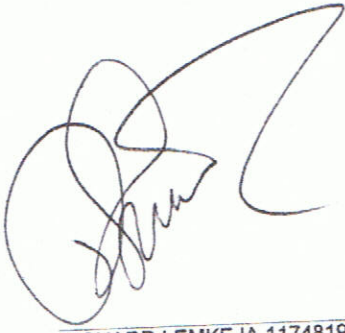
Engine disassembled, cleaned, and inspected. All parts were magnaflux, visually, or zygo inspected. Installed overhauled Camshaft p/n LW76097 Lifters P/N 72877 by Rick Romans repair station # BE2R713K Installed new Main bearings P/N SL68763AM10 and Rod Bearings 69373M10. Installed new rod nuts, AEL12186 Installed new Crank Gear Bolt P/N SL-STD-2213. Installed 4 new Lycoming assemblies O5K21100, SN G21044-2, G21044-3, G21044-5, G21044-6. cylinder assemblies including pistons, rings, valves and springs. Installed overhauled carburetor P/N 10-5009 by Avstar Aircraft Accessories SN BL187730 work order 41761. Engine assembled using new gaskets and seals Gasket set part # SL69371-1. The following AD's were complied with or previously complied with: C/W AD 2004-10-14 C1 by new crank gear bolt I/A/W SB 475, next due at prop strike or overhaul; AD 02-12-07 N/A, AD 98-02-08 N/A, AD 98-02-08 C/W per SB 505. AD 96-09-10 P/C/W, correct gears installed. AD's 92-12-05, 93-11-11, 95-26-02, 97-15-11, and 98-17-11, 06-12-07, 07-04-19 R1 not applicable. Test ran satisfactory.

*Jeremy Dolphin*  
Jeremy Dolphin A&P3029401





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				<b>RAMS AVIATION</b> 770-13 AIRPORT RD. ORMOND BEACH, FL. 32174 (386) 676-9222
				TACH::: 9268.1 Date: 12-14-2007 REPLACED VAC PUMP WITH O/H UNIT P/N 215CC S/N 81773. RUN UP CK OK.SEE TAG...
				 RICHARD LEMKE IA 117481946 AP

Log Entry: N1377U Engine  
Date: 03/07/08 Tach: 9482

Serviced engine with eight quarts of Aeroshell 15W50 & CH48110-1 filter. Performed compression check; #1-78, #2- 77, #3- 78, & #4-76. Cleaned, gapped and rotated all of the spark plugs.

*I certify that this engine has been inspected IAW a 100 hour inspection and was determine to be in an airworthy condition.*

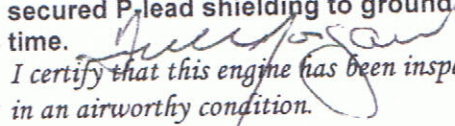
  
Tull Morgan  
A&P 220487664 IA

Log Entry: N1377U Engine  
Date: 06/30/08 Tach: 9739

sm04: 331.3

Serviced engine with eight quarts of Aeroshell 15W50 & CH48110-1 filter. Performed compression check; #1-75, #2- 75, #3- 76, & #4-76. Cleaned, gapped and rotated all of the spark plugs. Tightened all valve cover gaskets. Added boots to the magneto P-leads and secured P-lead shielding to ground. Checked AD listing through 2008-13- none due at this time.

*I certify that this engine has been inspected IAW an ANNUAL inspection and was determine to be in an airworthy condition.*

  
Tull Morgan  
A&P 220487664 IA

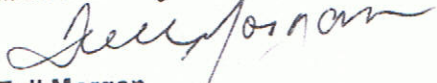

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Log Entry: N1377U Engine  
Date: 08/03/08 Tach: 9851.7


Serviced engine with eight quarts of Aeroshell 15W50 & CH48110-1 filter. Performed compression check; #1-77, #2- 76, #3- 76, & #4-71. Cleaned, gapped and rotated all of the spark plugs. Replaced all valve cover gaskets. Installed a new crankshaft seal. Centered muffler heat shroud and secure with new screws. Checked AD listing through 2008-16 none due at this time.

*I certify that this engine has been inspected IAW an ANNUAL inspection and was determine to be in an airworthy condition.*

  
Tull Morgan  
A&P 220487664 IA

Log Entry: N1377U Airframe  
Date: 8/10/08 Tach: & TT 9875


Removed Aerotech of Louisville DOFF10300J alternator, serial # A709029. Installed Aerotech overhauled Doff10300J alternator serial # A60701. Test ran engine all systems operating normal.

  
Tull Morgan A&P220487664IA

Log Entry: N1377U Engine  
Date: 08/28/08 Tach: 9958.8 SMOH: 558.1

Serviced engine with eight quarts of Aeroshell 15W50 & CH48110-1 filter. Performed compression check; #1-78, #2- 76, #3- 76, & #4-76. Cleaned, gapped and rotated all of the spark plugs. Tightened the oil filler tube and saftied, Cleaned and test ran engine all ops were normal no leaks detected. Checked AD listing through 2008-17 none due at this time.


*I certify that this engine has been inspected IAW a 100 hour inspection and was determine to be in an airworthy condition.*

  
Tull Morgan  
A&P 220487664 IA

Log Entry: N1377U Engine  
Date: 09/24/08 Tach: 0064

Serviced the engine with eight quarts of Aeroshell 15W50 and CH48110-1 filter. Performed compression check, #1-74, #2-76, #3-74, & #4-76. Cleaned gapped and rotated all of the spark plugs. Tightened the oil filler neck and saftied. Checked AD listing through 2008-19, none due at this time.

*I certify that this engine has been inspected IAW a 100hour inspection and was determined to be in an airworthy condition.*

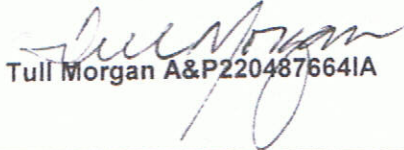
  
Tull Morgan A&P220487664IA

Log Entry: N1377U Engine  
 Date: 10/19/08 Tach: 0190.0 SMOH: 789.3

G WORK

Serviced the engine with eight quarts of Aeroshell 15W50 and CH48110-1 filter. Performed compression check, #1-76, #2-76, #3-77, & #4-77. Cleaned gapped and rotated all of the spark plugs. Tightened all oil return line hose clamps. Replaced the left magneto contact assembly with P.N. M-3081 with manufacturing date of 10/18/05. Reinstalled magneto with new gasket and set L & R mag timing to 25'BTC. Checked AD listings through 2008-21, none due at this time.

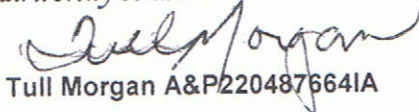
*I certify that this engine has been inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.*

  
 Tull Morgan A&P220487664IA

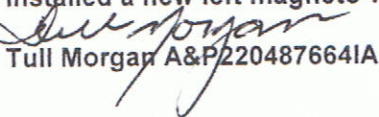
Log Entry: N1377U Engine  
 Date: 01/07/09 Tach: 0298 SMOH: 897.3

Serviced the engine with eight quarts of Aeroshell 15W50 and CH48110-1 filter. Performed compression check, #1-77, #2-77, #3-76, & #4-78. Cleaned gapped and rotated all of the spark plugs. Checked AD listings through 2009-01, none due at this time.

*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*

  
 Tull Morgan A&P220487664IA

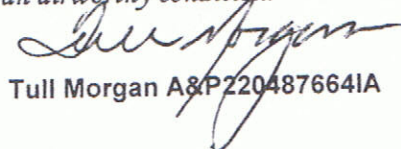
Log Entry: N1377U Engine  
 Date: 04/08/09 Tach: 0390  
 Installed a new left magneto wiring harness.

  
 Tull Morgan A&P220487664IA

Log Entry: N1377U Engine Lycoming O-320E2D, serial #L-45084-27A  
 Date: 04/23/09 Tach: 0430 SMOH: 1029.3

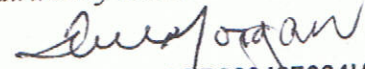
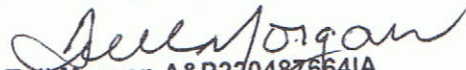
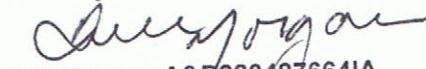
Serviced the engine with eight quarts of Aeroshell 15W50 and CH48110-1 filter. Performed compression check, #1-75, #2-74, #3-76, & #4-76. Cleaned gapped and rotated all of the spark plugs. Tightened the oil filler neck. Checked AD listings through 2009-08, none due at this time.

*I certify that this engine has been inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.*

  
 Tull Morgan A&P220487664IA


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<p><b>Log Entry: N1377U Engine Lycoming 0-320E2D, serial #L-45084-27A</b>  <b>Date: 06/29/09 Tach: 0532 SMOH: 1131.3</b></p>				
<p>Serviced the engine with eight quarts of Aeroshell 15W50 and CH48110-1 filter. Performed compression check, #1-76, #2-76, #3-76, &amp; #4-76. Cleaned gapped and rotated all of the spark plugs. Tightened the carb heat box. Checked AD listings through 2009-13, none due at this time.</p>				
<p><i>I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.</i></p>				
<p>  <b>Tull Morgan A&amp;P220487664IA</b></p>				
<p><b>Log Entry: N1377U Engine Lycoming 0-320E2D, serial #L-45084-27A</b>  <b>Date: 08/08/09 Tach: 0678.5 SMOH: 1277.8</b></p>				
<p>Serviced the engine with eight quarts of Phillips 20W50X/C and CH48110-1 filter. Performed compression check, #1-76, #2-76, #3-75, &amp; #4-74. Cleaned gapped and rotated all of the spark plugs. Cleaned and test ran the engine- all ops were normal no leaks detected. Checked AD listings through 2009-16, none due at this time.</p>				
<p><i>I certify that this engine has been inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.</i></p>				
<p>  <b>Tull Morgan A&amp;P220487664IA</b></p>				
<p><b>Log Entry: N1377U Engine Lycoming 0-320E2D, serial #L-45084-27A</b>  <b>Date: 09/21/09 Tach: 0777.5 SMOH: 1376.7</b></p>				
<p>Serviced the engine with eight quarts of Phillips 20W50X/C and CH48110-1 filter. Performed compression check, #1-77, #2-75, #3-76, &amp; #4-77. Cleaned gapped and rotated all of the spark plugs. Removed the left magneto, replaced the contact assembly, then reinstalled and timed to the engine. Replaced the #1 cylinder baffle and carburetor heat Scatt hose. Cleaned and test ran the engine- all ops were normal no leaks detected. Checked AD listings through 2009-19, none due at this time.</p>				
<p><i>I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.</i></p>				
<p>  <b>Tull Morgan A&amp;P220487664IA</b></p>				


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Log Entry: N1377U Engine  
Date: 10/25/09 Tach: 0878.7

WORK

Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-76, #2-76, #3-77, and #4-76. Cleaned gapped and rotated all of the spark plugs. Checked AD listings through 2009-21, none due at this time.

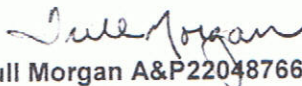
*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*

  
Tull Morgan A&P220487664IA

Log Entry: N1377U Engine  
Date: 12/03/09 Tach: 0977 SMOH: 1576.3

Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-77, #2-76, #3-75, and #4-75. Replaced all of the spark plugs. Installed a new crankshaft seal. Cleaned and tested the engine all ops were normal-no leaks detected. Checked AD listings through 2009-24, none due at this time.


*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*

  
Tull Morgan A&P220487664IA

Log Entry: N1377U Engine  
Date: 02/05/10 Tach: 1077 SMOH: 1676.3

Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-76, #2-76, #3-78, and #4-78. Cleaned, gapped, tested and rotated all of the spark plugs. Cleaned and test ran the engine all ops were normal-no leaks detected. Checked AD listings through 2010-03, none due at this time.

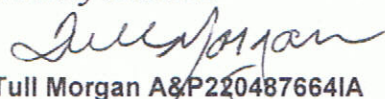
*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*

  
Tull Morgan A&P220487664IA

Log Entry: N1377U Engine  
Date: 06/08/10 Tach: 1177 SMOH: 1776.3

Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-78, #2-76, #3-74, and #4-78. Cleaned, gapped, tested and rotated all of the spark plugs. Cleaned and test ran the engine all ops were normal-no leaks detected. Checked AD listings through 2010-12 none due at this time.

*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*

  
Tull Morgan A&P220487664IA


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DATE Log Entry: N1377U Engine  
Date: 07/01/10 Tach: 1278 SMOH: 1877.3

Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-78, #2-76, #3-74, and #4-78. Cleaned, gapped, tested and rotated all of the spark plugs. Cleaned and test ran the engine all ops were normal-no leaks detected. Checked AD listings through 2010-14 none due at this time.

*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*

  
Tull Morgan A&P220487664IA

Log Entry: N1377U Engine  
Date: 08/09/10 Tach: 1378.7 SMOH: 1978

Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed ~~compression check: #1-74, #2-70, #3-76, and #4-78.~~ Cleaned, gapped, tested and rotated all of the spark plugs. Cleaned and test ran the engine all ops were normal-no leaks detected. Checked AD listings through 2010-16 none due at this time.

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Tull Morgan A&P220487664IA

Log Entry: N1377U Engine Lycoming 0-320-E2D Serial# L-45084-27A  
Date: 08/29/10 Tach: 1478 SMOH: 2077.3

Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-72, #2-70, #3-72, and #4-74. Cleaned, gapped, tested and rotated all of the spark plugs. Repaired carb heat lever. Cleaned and test ran the engine all ops were normal-no leaks detected. Checked AD listings through 2010-17 none due at this time.

*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*

  
Tull Morgan A&P220487664IA

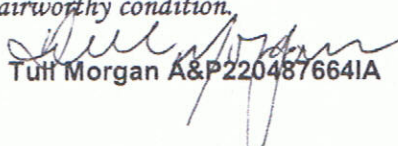
Log Entry: N1377U Engine Lycoming 0-320-E2D Serial# L-45084-27A  
Date: 11/08/10 Tach: 1579 SMOH: 2178.3

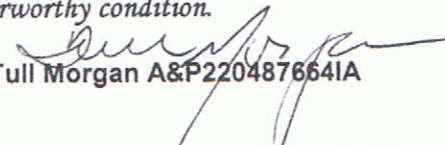
Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-72, #2-70, #3-72, and #4-68. Cleaned, gapped, tested and rotated all of the spark plugs. Tightened the carburetor bowl screws. Cleaned and test ran the engine all ops were normal-no leaks detected. Checked AD listings through 2010-22 none due at this time.

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Tull Morgan A&P220487664IA

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Log Entry: N1377U Engine Lycoming 0-320-E2D Serial# L-45084-27A  
 Date: 12/06/10 Tach: 1677 SMOH: 2276.3  
 Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-72, #2-72, #3-72, and #4-72. Cleaned, gapped, tested and rotated all of the spark plugs. Cleaned and test ran the engine all ops were normal-no leaks detected. Checked AD listings through 2010-24 none due at this time.  
*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*  
  
 Tull Morgan A&P220487664IA

Log Entry: N1377U Engine Lycoming 0-320-E2D Serial# L-45084-27A  
 Date: 02/28/11 Tach: 1768 SMOH: 2367.3  
 Service the engine with eight quarts of Phillips 20W50XL & CH48110-1 filter. Performed compression check: #1-74, #2-70, #3-70, and #4-74. Cleaned, gapped, tested and rotated all of the spark plugs. Installed serviceable carburetor. Cleaned and test ran the engine all ops were normal-no leaks detected. Checked AD listings through 2011-05 none due at this time.  
*I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition.*  
  
 Tull Morgan A&P220487664IA


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