Cessna
A Textron Company

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T18208293 N912VM

ENGINE MODEL AND SERIAL TIO540-AK1A L-11630-61A

D5518-3-13

RECORD NUMBER 1

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
2004	HOURS	10THS		
06/29				

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL TIO-540-AK1A SERIAL NO. L-11630-61A

DATE JUN 0 7 2004 J Middlesworth J

(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

LYCOMING ENGINES
652 Oliver Street
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
2004				
09/13	7	6	Engine model TIO-540-AK1A, S/N L- 11630-61A has been installed on aircraft # T18208293. This engine serviced with Phillips X/C 20W50 Engine oil.	Shawn Cauch ODARF100129CE

Van Nuys Flight Center, Inc.
Van Nuys, CA

N6173K WO 4255 14-Jul-05 Tach 37.0
C/W 25 hour inspection.
Replaced oil filter and changed oil with 9 Qts. Aeroshell 100 Mineral oil.
Ran engine, leak checked good.
Installed oil quick drain.
The aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file.

William P. Noctor — AP2192808IA
Certificate Number

Van Nuys Flight Center, Inc.
Van Nuys, CA

N6173K WO 4302 20-Aug-05 Tach 57.2
Replaced oil filter and changed oil with 9 Qts. Aeroshell 100W Plus. Ran engine, leak checked good.
The aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file.

William P. Noctor — AP2192808IA
Certificate Number

AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Van Nuys Flight Center, Inc.
Van Nuys, CA

N6173K WO 4614 24-Mar-06 Tach 96.3
C/W Annual Inspection per Cessna Service Manual.
Replaced oil filter and changed oil with 9 Qts. Aeroshell 100W PLUS.
Ran engine, leak checked good.
C/W AD02-26-01 Fuel Injection Lines.
I certify this engine has been inspected in accordance with a manufacturer's annual inspection and determined to be in airworthy condition.
The aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file.

William P. Noctor — AP2192808IA
Certificate Number

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE			AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Tom's Aircraft Maintenance Inc Phone 1-562-426-5331 FAX 1-562-426-1052 2641 E Spring Street * Long Beach Int'l Airport *Long Beach, CA 90806 N6173K Tach: 134.5 TT: 134.5 S.O# 07-15531 4/6/07 Changed oil and filter with Phillips 20W50. Compression as follows: #1, 77 #2, 78 #3, 77 #4, 78 #5, 78 #6, 76 over 80. Cleaned, gapped, and tested spark plugs. Magneto timing checks ok. Washed down engine and test ran for leaks, operation all ok. This engine has been inspected in accordance with a 100hr/annual inspection and has been found to be in an airworthy condition and is approved for return to service. Tom Jacobson TOM L. JACOBSON FAA REPAIR STATION VTMR569K	

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N6173K** Date: **9/3/2007** Tach: **187.6** TTIS: **187.6** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 100W Oil. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

1310 Cleveland Gibbs Road
Roanoke, TX 76262 Phone 817-430-7115

DAT

Registration: **N6713K** Date: **9/27/2007** Tach: **234.5** TTIS: **234.5** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2007-19. See Compliance Report this date. Complied with the following AD's
AD 2002-26-01 (fuel lines) no defects noted. next due 334.5
Performed a pre-inspection run-up of engine satisfactory. Compression results #1) 76/80 #2) 75/80 #3) 78/80 #4) 77/80 #5) 76/80 #6) 74/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts aeroshell W100. Removed, cleaned gapped and tested all plugs satisfactory, removed right mag to replaced leaking gasket, reinstalled mag with new gasket,checked magneto to engine timing satisfactory, performed a post inspection run-up of engine. Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated starter and engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition. end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3065657

Marcair Maintenance

1310 Cleveland Gibbs Road
Roanoke, TX 76262 Phone 817-430-7115

Registration: **N6173K** Date: **12/8/2007** Tach: **290.3** TTIS: **290.3** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell W/ Oil. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and F.A.A. regulations, and is approved for return to service.

Karl S Smith AP 3065657

Aircraft N # Change N912UM JAN 3 2009
See Airframe log for details

MAINTENANCE RECORD

Barrett Aircraft Maintenance, Inc
2040 Skylane Drive Hanger 2-E
Denton, Texas 76207
(940) 566-4920

RIZED SIGNATURE,
RTIFICATE TYPE
& NUMBER

A/C: 912VM **HOBBS: 370.8** **ACTT: 370.8** **DATE: 02-15-2008**

Performed 100 hour inspection per Cessna T182T maintenance manual and inspection guides. Performed compression test: #1 78/80, #2 77/80, #3 78/80, #4 78/80, #5 78/80, #6 78/80. Cleaned, gapped and reinstalled sparkplugs. Performed oil and filter change. Installed new CH48110-1 oil filter. Serviced with 9 qts Aeroshell 100W50 oil. Torqued rocker covers. Washed engine. Performed ground run and leak check. No leaks found. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in ar airworthy condition.

Thomas B. Barrett
A&P 462497446IA

TSN: 370.8

Marcair Maintenance
11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

SIGNATURE,
TE TYPE
IBER

Registration: **N912VM** Date: **4/15/2008** Tach: **378.4** TTIS: **378.4** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 100W Oil. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance
11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **6/20/2008** Tach: **426.4** TTIS: **426.4** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 100W Oil. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **7/2/2008** Tach: **463.7** TTIS: **463.7** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2008-13. See Compliance Report this date. Complied with the following AD's
AD 2002-26-01 (fuel lines) no defects noted. next due 563.7
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 77/80 #2) 76/80 #3) 78/80 #4) 76/80 #5) 76/80 #6) 76/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts aeroshell W100, Replaced all plugs with new RHB37E, performed 500 hr overhaul on left and right magnetos, replaced both dist blocks K3823, both rotor gears M3828, and both point sets M3081,checked magneto to engine timing satisfactory, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated starter and engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **8/15/2008** Tach: **523.8** TTIS: **523.8** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 100W Oil. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **9/18/2008** Tach: **550.3** TTIS: **550.3** **ENGINE**

Cleaned #2 bottom plug after report of rough engine on mag check. Post maintenance run-up check satisfactory. This aircraft was serviced IAW Lycoming service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

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E

Registration: **N912VM** Date: **9/21/2008** Tach: **554.8** TTIS: **554.8** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2008-19. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted. next due 654.8
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 72/80 #2) 72/80 #3) 74/80 #4) 75/80 #5) 74/80 #6) 73/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts aeroshell W80, cleaned, tested and reinstalled all plugs, checked magneto to engine timing satisfactory, replaced #5 rocker box cover gasket with new 75906, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated starter and engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

GNATURE,
TYPE
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Registration: **N912VM** Date: **11/21/2008** Tach: **606.8** TTIS: **606.8** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 80W Oil. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **12/18/2008** Tach: **616.6** TTIS: **616.6** **ENGINE**

Complied with Lycoming Service Instruction # 1517 dated Oct 27, 2006 by retiming both magnetos to 23degs. reinstalled new Lycoming supplied data plate onto engine per SI instructions, a post maintenance run-up of the engine was performed satisfactory, mag drop was normal, idle and static RPM normal, mags cut off in the off position. This aircraft was serviced IAW Lycoming service manuals & instructions and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

MAINTENANCE RECORD

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Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **1/30/2009** Tach: **650.3** TTIS: **650.3** **ENGINE**

Complied with **an Annual** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2009-02. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted. next due 750.3
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 71/80 #2) 72/80 #3) 73/80 #4) 74/80 #5) 74/80 #6) 75/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts Castrol AD80, cleaned, tested and reinstalled all plugs, checked magneto to engine timing satisfactory, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated starter and engine controls.

I certify this engine has been inspected IAW **an Annual** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith IA 3085657

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TYPE
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Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **3/21/2009** Tach: **699.4** TTIS: **699.4** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 80W Oil. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DAT

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

NATURE,
TYPE
R

Registration: **N912VM** Date: **6/7/2009** Tach: **748.1** TTIS: **748.1** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2009-11. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted. next due 848.1
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 77/80 #2) 74/80 #3) 76/80 #4) 74/80 #5) 75/80 #6) 75/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts Castrol 100 AD, cleaned, tested and reinstalled all plugs, checked magneto to engine timing satisfactory, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

IE.

Registration: **N912VM** Date: **7/18/2009** Tach: **799.5** TTIS: **799.5** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Castrol Aviator 100AD. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **8/25/2009** Tach: **837.4** TTIS: **837.4** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2009-17. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted. next due 937.4
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 76/80 #2) 75/80 #3) 76/80 #4) 73/80 #5) 74/80 #6) 77/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts Castrol 100 AD, cleaned, tested and reinstalled all plugs, checked magneto to engine timing satisfactory, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **9/26/2009** Tach: **886.5** TTIS: **886.5** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Castrol Aviator 100AD. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **11/10/2009** Tach: **902.7** TTIS: **902.7** **ENGINE**

On investigation for fuel leaking out of engine drains found fuel leaking from flow divider case drain and engine driven fuel pump case drain, removed and sent for overhaul, reference Ametek B&S Aircraft Wichita KS work order #'s R09-05237 & R09-05238 for details. reinstalled same overhauled pump P/N RG17980U/M S/N C5762 and same overhauled flow divider P/N 2576564-1 63B22999 S/N 0630312. A post maintenance run up of the engine was performed satisfactory from idle to static limits with no leaks or defects noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DAT

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

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Registration: **N912VM** Date: **11/10/2009** Tach: **902.7** TTIS: **902.7** **ENGINE**

Complied with AD 2008-14-07 . No defects noted. Due @ next 100 hr This aircraft is approved for return to service.

Karl S Smith AP 3085657

12-20 2009	919	0	Adjusted Slope Manifold Pressure Controller per Lycoming Service Instruction. Aircraft returned to service	Karl S Smith 2162236 A/P

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

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ATE TYPE
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Registration: **N912VM** Date: **12/10/2009** Tach: **932.7** TTIS: **932.7** **ENGINE**

Complied with **an Annual** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2009-25. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted. next due 1032.7
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 77/80 #2) 74/80 #3) 78/80 #4) 76/80 #5) 78/80 #6) 77/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts Aeroshell 80W, replaced TIT thermocouple P/N TE-12525-01, cleaned, tested and reinstalled all plugs, checked magneto to engine timing satisfactory, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **an Annual** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith IA 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **1/25/2010** Tach: **992.1** TTIS: **992.1** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 80AD. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **3/25/2010** Tach: **1031.7** TTIS: **1031.7** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2010-06. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted. next due 1131.7
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 77/80 #2) 76/80 #3) 76/80 #4) 76/80 #5) 78/80 #6) 75/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts Castrol 100W, cleaned, tested and reinstalled all plugs, checked magneto to engine timing satisfactory, replaced all 6 rocker box gaskets with new 75906, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

GNATURE,
E TYPE
IER

Registration: **N912VM** Date: **4/30/2010** Tach: **1088.1** TTIS: **1088.1** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Castrol Aviator 100AD. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

MAINTENANCE RECORD

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Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **5/18/2010** Tach: **1123.6** TTIS: **1123.6** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2010-10. See Compliance Report this date. Complied with the following AD's AD 2008-14-07 (fuel lines) no defects noted. next due 1223.6.

Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 78/80 #2) 78/80 #3) 74/80 #4) 78/80 #5) 78/80 #6) 78/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts Aeroshell 15W50, cleaned, tested and reinstalled 11 plugs, installed 1 new plug, checked magneto to engine timing satisfactory, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

J. Hart Van Meter AP 2162239

MAINTENANCE RECORD

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

GNATURE,
E TYPE
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Registration: **N912VM** Date: **6/21/2010** Tach: **1171.2** TTIS: **1171.2** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 15W50. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

J. Hart Van Meter AP 2162239

MAINTENANCE RECORD

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

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Registration: **N912VM** Date: **7/9/2010** Tach: **1198.9** TTIS: **1198.9** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2010-14. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted. next due ~~1032.7~~ 1298.9
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 76/80 #2) 78/80 #3) 76/80 #4) 76/80 #5) 77/80 #6) 78/80, drained oil from warm engine, installed new CH48110-1 oil filter, checked screen no defects noted, added 9 qrts Aeroshell 15W50.Installed new RHM-37E sparkplugs. checked magneto to engine timing satisfactory, performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Thomas B. Barrett AP 462497446

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **8/1/2010** Tach: **1246.0** TTIS: **1246.0** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 15W50. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **9/15/2010** Tach: **1288.2** TTIS: **1288.2** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2010-19. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted, next due 1388.2
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 73/80 #2) 75/80 #3) 77/80 #4) 74/80 #5) 78/80 #6) 76/80, drained oil from warm engine, installed new CH48110-1 oil filter. Checked screen no defects noted, added 9 qrts Aeroshell 15W50. Installed one new RHM-37E sparkplugs. Checked magneto to engine timing satisfactory. Performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

J. Hart Van Meter AP 2162239

09/20/2010	1298	2	Removed and Cleaned manifold pressure orifice on cylinder #3 Reinstalled orifice. Ran engine. Operation normal. END	J Hart Van Meter A&P 2162239

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **9/27/2010** Tach: **1304.6** TTIS: **1304.6** **ENGINE**

Complied with AD 2008-14-07 IAW Lycoming SB 342F dated June 4 2010. No defects noted. This aircraft is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **10/4/2010** Tach: **1323.1** TTIS: **1323.1** **ENGINE**

Removed, cleaned and re-installed all fuel injectors. Removed hardened Upper Deck Pressure coupling hoses and replaced with new Upper Deck Pressure coupling hoses, P/N STD2048 (2 each), and P/N LW18737 (6 each). Complied with AD 2008-14-07 IAW Lycoming SB 342F dated June 4, 2010. No defects noted. Performed engine run and verified no leaks. This aircraft is approved for return to service.

J Hap Van Meter AP 2162239

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

Registration: **N912VM** Date: **10/19/2010** Tach: **1339.3** TTIS: **1339.3** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 15W50. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

TURE,
PE

Registration: **N912VM** Date: **12/9/2010** Tach: **1384.4** TTIS: **1384.4** **ENGINE**

Complied with **an Annual** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2010-25. See Compliance Report this date. Complied with the following AD's
AD 2008-14-07 (fuel lines) no defects noted, next due 1484.4
Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 77/80 #2) 77/80 #3) 77/80 #4) 77/80 #5) 78/80 #6) 77/80, drained oil from warm engine, installed new CH48110-1 oil filter. Checked screen no defects noted, added 9 qrts Aeroshell 15W50. Checked magneto to engine timing satisfactory. Performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **an Annual** inspection and is determined to be in an airworthy condition…end
The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith IA 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

NATURE,
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Registration: **N912VM** Date: **12/29/2010** Tach: **1394.0** TTIS: **1394.0** **ENGINE**

Pilot reports fuel leaking out of engine fuel pump case drain, found mixure not fully closed, performed engine runup from idle to static with no defects noted, pulled mixture to full cut off and let aircraft sit 24 hrs with no further fuel drips from engine driven fuel pump case drain. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

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Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **2/25/2011** Tach: **1423.2** TTIS: **1423.2** **ENGINE**

Removed defective TIT probe and replaced with new P/N TE-12525-01, removed leaking engine driven fuel pump and sent for overhaul, reference Ametek of Wichita KS work order R11-01050 for details, reinstalled same pump P/N RG17980U/M S/N C5762. Performed engine runup and performed check of probe and leak check of pump with no defects noted. Work performed IAW cessna MM and Lycoming overhaul manual. This aircraft is approved for return to service.

Karl S Smith AP 3085657

Marcair Maintenance

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Phone: 817-430-0005

NATURE,
TYPE
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Registration: **N912VM** Date: **3/15/2011** Tach: **1443.4** TTIS: **1443.4** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 15W50. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Karl S Smith AP 3085657

Registration: **N912VM** Date: **4/13/2011** Tach: **1476.2** TTIS: **1476.2** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2011-08. See Compliance Report this date. Complied with the following AD's: AD 2008-14-07 (fuel lines) no defects noted, next due 1576.2 Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 77/80 #2) 76/80 #3) 75/80 #4) 76/80 #5) 78/80 #6) 74/80, drained oil from warm engine, installed new CH48110-1 oil filter. Checked screen no defects noted, added 9 qrts Aeroshell 15W50. Checked magneto to engine timing satisfactory. Performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

J. Hart Van Meter AP 2162239

Marcair Maintenance

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Phone: 817-430-0005

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Registration: **N912VM** Date: **7/2/2011** Tach: **1516.6** TTIS: **1516.6** **ENGINE**

AD 2011-13-03 N/A per more then 50 hrs TIS since new, no further action required

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
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Registration: **N912VM** Date: **7/12/2011** Tach: **1524.7** TTIS: **1524.7** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 15W50. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Taylor D. Mara P pending

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

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Registration: **N912VM** Date: **8/16/2011** Tach: **1570.1** TTIS: **1570.1** **ENGINE**

Complied with **a 100-hr** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2011-17. See Compliance Report this date. Complied with the following AD's: AD 2008-14-07 (fuel lines) no defects noted, next due 1670.1. Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 78/80 #2) 77/80 #3) 76/80 #4) 77/80 #5) 78/80 #6) 79/80, drained oil from warm engine, installed new CH48110-1 oil filter. Checked screen no defects noted, added 8 qrts Aeroshell 15W50. Checked magneto to engine timing satisfactory. Performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls. Installed new vacuum pump P/N: AA3215CC S/N: 1553819, operational check normal.

I certify this engine has been inspected IAW **a 100-hr** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Taylor D. Mara AP 3501245

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

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Registration: **N912VM** Date: **8/18/2011** Tach: **1570.1** TTIS: **1570.1** **ENGINE**

AD 2011-15-10 N/A per par (f) No work performed on fuel servo after may 20 2010. no further action required.

Karl S Smith AP 3085657

Marcair Maintenance

11310 Cleveland Gibbs Road
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Phone: 817-430-0005

Registration: **N912VM** Date: **10/28/2011** Tach: **1638.7** TTIS: **1638.7** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 15W50. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Taylor D. Mara AP 3501245

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **11/19/2011** Tach: **1661.8** TTIS: **1661.8** **ENGINE**

Complied with AD2008-14-07, next due 1761.8. END

Taylor D. Mara AP 3501245

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262

Phone: 817-430-0005

Registration: **N912VM** Date: **12/10/2011** Tach: **1673.4** TTIS: **1673.4** **ENGINE**

Complied with **an Annual** inspection IAW 14CFR 43-D and Lycoming service manual. Checked AD's through 2011-26. See Compliance Report this date. Complied with the following AD's: AD 2008-14-07 (fuel lines) no defects noted, next due 1773.4 Performed a pre-inspection run-up of engine satisfactory, Compression results #1) 77/80 #2) 78/80 #3) 78/80 #4) 78/80 #5) 79/80 #6) 78/80, drained oil from warm engine, installed new CH48110-1 oil filter. Checked screen no defects noted, added 9 qrts Aeroshell 15W50. Checked magneto to engine timing satisfactory. Performed a post inspection run-up of engine, Mag drop was normal, static and idle ranges within limits, magnetos cut off in the off position. Lubricated engine controls.

I certify this engine has been inspected IAW **an Annual** inspection and is determined to be in an airworthy condition…end

The aircraft identified above was repaired/inspected IAW current regulations of the Federal Aviation Administration and is approved for return to service per work performed.

Karl S Smith IA 3085657

DATE

Marcair Maintenance

11310 Cleveland Gibbs Road
Roanoke, TX 76262
Phone: 817-430-0005

TURE,
PE

Registration: **N912VM** Date: **1/26/2012** Tach: **1722.7** TTIS: **1722.7** **ENGINE**

Drained oil from warm engine. Replaced oil filter W/ CH48110-1, added 9 Qrts. Aeroshell 15W50. A post maintenance run up of the engine was performed satisfactory with no leaks noted. This aircraft was serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

Taylor D. Mara AP 3501245

2/24	1747	2	AD 2012-03-06C N/A due to No Affected Parts Installed	3085657 A+P

Registration: **N912VM** Date: **4/27/2012** Tach: **1769.9** TTIS: ~~1995.2~~ 1769.9 **ENGINE**

Installed 12 (twelve) new RHM-37E spark plugs. Drained oil from warm engine. Installed new CH48110-1 oil filter. Added 8 quarts AeroShellW 15W50. Accomplished leak check and run-up of engine. Performance normal and no leaks noted. Complied with AD 2008-14-07 (fuel lines), no defects noted. Next due at 1869.9 tach hours. Aircraft serviced IAW Cessna & Lycoming service manuals and FAA regulations and is approved for return to service.

J. Hart Van Meter AP 2162239

DATE

Registration: **N912VM** Date: **6/10/2012** Tach: **1814.0** TTIS: **1814.0** **ENGINE**

Drained oil from warm engine. Replaced oil filter with CH48110-1 filter. Inspected oil screen. Serviced engine with 8 quarts Aeroshell 15W50 oil and 13 oz. of CamGuard. Conducted post maintenance run-up of engine. No leaks or defects noted. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

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J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **9/12/2012** Tach: **1856.8** TTIS: **1856.8** **ENGINE**

Complied with AD 2008-14-07 (fuel line inspection). No defects noted. Next inspection due 1956.8 hours. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

Registration: **N912VM** Date: **11/17/2012** Tach: **1868.5** TTIS: **1868.5** **ENGINE**

Drained warm oil. Replaced oil filter with CH48110-1 filter. Inspected oil screen. Serviced engine with 7 quarts AeroShell 15W50 oil and 14 oz. CamGuard. Complied with AD 2008-14-7 (fuel line inspedtion). No defects noted. Checked cylinder compressions: 1) 76/80 2) 76/80 3) 76/80 4) 78/80 5) 78/80 6) 76/80. Removed magnetos for inspection. Reinstalled inspected and repaired magnetos with two new cushion blocks, P/N 68H22624 and new gaskets at each magneto. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

Registration: N912VM Date: 2/15/2013 Tach: 1908.8 TTIS: 1908.8 ENGINE

Drained oil from warm engine, collected sample for SOAP. Removed oil filter. Removed oil screen, inspected, re-installed with new gasket, P/N 06t19569-1.00; torqued and lock wired. No defects noted. Installed new oil filter, Tempest P/N A48110-2; torqued and lock-wired. Recorded cylinder compression: 1-77/80, 2-78/80, 3-76/80, 4-76/80, 5-78/80, 6-78/80. Added 7 quarts AeroShell 15W50 oil and 13 Oz CamGuard. Checked both magnetos timed at 23° BTDC. Removed and re-installed all induction tubes with new gaskets and connector hoses. Repaced loose #6 connector tube with Lycoming P/N 71699. Removed and re-installed all oil drain tube assemblies with new drain hoses, Lycoming P/N 51D-1821. Replaced No. 3 drain tube assembly with new Lycoming P/N 68761. Removed and re-installed overhauled manifold pressure relief valve with new O-ring Lycoming P/N MS29513-138. Removed and re-installed all exhaust components with new exhaust gaskets, overhauled wastegate. Cleaned and re-installed all EGT probes and lock-wired screw clamps. Replaced TIT sensor with new Cessna P/N TE 12525-01. Inspected fuel injector lines per AD 2008-14-7 and replaced one clamp, P/N MS21919 WDG3. Next inspection due 2008.8 TTIS. This aircraft was serviced IAW current Cessna and Lycoming Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

Registration: N912VM Date: 3/7/2013 Tach: 1908.8 TTIS: 1908.8 ENGINE

I certify an 100 Hour inspection of this engine was accomplished in accordance with and limited to the requirements outlined in CFR Title 43 Appendix D and the current Cessna T182T Service Manual Section 05-00-00 Paragraph 2. B. (2) in accordance with CFR Title 14 Part 43.13 (a). Additional data required by CFR Title 14 Part 39 was used in compliance with applicable Airworthiness Directives. A list of discrepancies including airworthy items was given to the owner.

Darrell Irby A&P/IA 2785636

MAINTENANCE RECORD

Registration: N912VM Date: 3/7/2013 Tach: 1908.8 TTIS: 1908.8 ENGINE

Inspected fuel injector lines and clamps in accordance with AD 2011-26-04 paragraph (h) and (i). See discrepancy list provided to owner in accordance with Title 14 CFR Part 43 Appx D.

Darrell Irby A&P/IA 2785636

Registration: N912VM Date: 3/10/2013 Tach: 1909.1 TTIS: 1909.1 ENGINE

Replaced No. 3 EGT probe with new Cessna P/N 86317. This aircraft was serviced IAW current Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

Registration: N912VM Date: 3/21/2013 Tach: 1911.3 TTIS: 1911.3 ENGINE

Removed engine driven fuel pump to repair shaft seal leak. Re-installed same, repaired fuel pump, P/N RG17980U/M, S/N C5762. Refer to Quality Aircraft Accessories, Inc. (Repair Station QYIR334Y) Work Order WO1170007587. Pressurized fuel pump; no leaks noted. This aircraft was serviced IAW current Lycoming and Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

Registration: N912VM Date: 5/24/2013 Tach: 1940.6 TTIS: 1940.6 ENGINE

Removed and re-installed overhauled Sloped Turbocharger Controller, Kelly Aerospace P/N 481058-0008, S/N HDN00902. Refer to Main Turbo Systems, Inc. W/O# 46118. Operational check satisfactory. This aircraft was serviced IAW current Cessna and Lycoming Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

Registration: N912VM Date: 7/18/2013 Tach: 1963.0 TTIS: 1963.0 ENGINE

Drained oil from warm engine. Removed oil filter. Submitted oil sample and filter for SOAP. Removed oil screen, inspected, re-installed with new gasket, P/N 06E19769-1.00; torqued and lock-wired. No defects noted. Installed new oil filter, Tempest P/N A48110-2; torqued and lock-wired. Recorded cylinder compression: 1-76/80, 2-77/80, 3-76/80, 4-74/80, 5-79/80, 6-77/80. Removed, cleaned, gapped, tested all spark plugs. Re-installed all plugs with new gaskets, torqued to 420 in-lb. Added 7 quarts Phillips 66 X/C SAE 20/50 oil. Replaced both magneto gaskets, Lycoming P/N LW-12681 and both magneto adapter gaskets, Lycoming P/N 62224. Timed both magnetos to 23° BTDC. Replaced Oil Pressure Switch, Cessna P/N 83278 in accordance with Cessna Maintenance Manual, Chapter 4, Airworthiness Limitations. Next due at 4963.0 hours TTIS. Removed all fuel injectors, cleaned, replaced packings, P/N 951391, re-assembled and re-installed all fuel injectors, torqued to 55 in-lb. Installed new upper deck pressure coupling hoses, P/N LW18737 (6) and P/N STD2048 (2) . Cleaned Manifold Pressure Sensor and line at Cylinder #3 connection. Inspected fuel injector lines and clamps in accordance with AD 2011-26-04 paragraph (h) and (i). No defects noted. Next due at 2063.0 hours TTIS. This engine was serviced IAW current Lycoming and Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE

Registration: N912VM Date: 12/26/2013 Tach: 2016.2 TTIS: 2016.2 **ENGINE**

Drained oil from warm engine. Recorded cylinder compression: 1-76/80, 2-77/80, 3-73/80, 4-77/80, 5-79/80, 6-77/80. Removed oil Filter. Submitted oil sample for SOAP. Removed oil screen, inspected, re-installed with new gasket, P/N 06E19769-1.00, torqued and lock-wired. No defects noted Installed new oil filter, Tempest P/N A48110-2, torqued and lock-wired. Removed all twelve spark plugs and replaced with new, gapped and tested Tempest plugs, P/N URHB37E with new plug gaskets, torqued to 420 in-lb. Added 8 quarts Phillips 66 X/C SAE 20/50 oil. Inspedted fuel injector lines and clamps IAW AD 2011-26-04, paragraph (h) and (i). No defects noted. Next due at 2116.2 hours TTIS. This engine was serviced IAW current Lycoming and Cessna Service Manuals and FAA regulations and is approved for return to service. END.

J. Hart Van Meter, A&P 2162239

See Next Record

LIFE LIMITED PARTS SUMMARY

				COMPONENT		REMAINING		REMOVAL DUE AT		
DATE	DESCRIPTION	PART NO.	SERIAL NO.	Hours	Cycles	Hours	Cycles	Hours	Cycles	SIGNATURE