

Engine Service and Maintenance Record

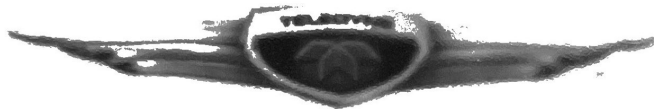
Date

Total Time

Time Since Last Overhaul

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company
Printed: 11/16/2006

This engine model **1095BN42**, Serial No. **689998** was manufactured on **11/16/2006** by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

Ind m/led 06/11/06
TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

Date

Total Time

Time Since Last Overhaul

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins.

Date: 7/23/07 Hobbs Time 156.0Hrs Flight Hrs. 103.1 Cirrus SR22 S/N 2288 Registration # N335A Engine TCM IO 550-N42 S/N 689998

1. Completed 50 hour Inspection in accordance with Cirrus SR22 Maintenance Manual chapter 5-20, 5-30, and TCM instructions.
2. Drained engine oil, removed and cut oil filter, inspected for debris - none found, replaced filter P/N CH48108-1 and serviced with 7 qts Aeroshell 15W50 oil.
3. Removed, cleaned, & inspected gascolator screen.
4. Inspected all engine hoses, lines, wires, accessories, baffling, mounts & hardware, all engine control systems for proper attachment, security, and proper operation.
5. Cleaned engine and leak check performed with no leaks.

I certify this engine has been inspected in accordance with 50 hour inspection and was determined to be in airworthy condition.

Bernard K. Tibbetts A&P 2698743

Bernard K. Tibbetts



AVIATION SERVICES

469 Airport Road, Johnstown PA 15904 Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Time: 202.5 Hobbs	W/O: 0708-3	Date: 8-13-2007
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IO-550-N (42), S/N 689998

50 hr insp. completed @ this time IAW cirrus 5-20, 5-30 & TCM inst. R&R oil and filter. Installed new CH48108-1 filter, serviced w/8 qts. Aeroshell 15w50. Filter inspection good. Sample taken. Cleaned engine, safety and leak check good.

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details

Signature: *Rick A. Steinhilber*

Certificate: CRS # N64R483Y

Date _____
 Total Time _____
 Time Since Last Overhaul _____

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins.



469 Airport Road, Johnstown PA 15904
 Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Time: 100.2 (Flight)	W/O: 0710-13	Date: 10-16-2007
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Cirrus SR22, S/N 2288, Hobbs: 319.7

R&R oil and filter. Serviced w/8 qts. Aeroshell 15w50, CH48108-1 Filter installed. Sample taken. Safety, leak and functional check good.

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details.

Signature: [Signature] Certificate: CRS # N64R483Y



469 Airport Road, Johnstown PA 15904
 Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Time: 145.6 Flight	W/O: 0711-1	Date: 11-5-2007
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SR22, S/N 2288

R&R oil and filter, serviced w/8 qts. Aeroshell 15w50, CH48108-1 filter installed. Filter inspection good, sample taken. Installed Airwolf Filter Corp. air/oil separator kit P/N AFC-W347-A IAW STC SA02268CH.

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details.

Signature: [Signature] Certificate: CRS # N64R483Y

ENGINE



469 Airport Road, Johnstown PA 15904
 Phone: 814-361-3500 Fax: 814-361-3498

Registration: N335A	Time: TT 306.9	W/O: 0712-4	Date: 12-14-2007
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Continental IO-550-N, S/N 689998 Flight Hobbs: 194.7, Hobbs: 424.4

Performed Annual Inspection IAW Cirrus Inspection guide 05-20 & Continental guide. AD's C/W thru 2007-24 Biweekly. Compliance record provided in aircraft logs. Compression 1 78/80, 2 76/80, 3 70/80, 4 73/80, 5 74/80 6 76/80. R&R oil and filter w/new, serviced w/8 qts. Aeroshell 15w50. Filter inspection good, sample taken. R&R induction air filter element w/new BA-24. Inspected engine mount weldment and lower attach fittings, verified torque. Cleaned, gap, tested and rotated spark plugs. Cleaned and inspected all fuel injectors. R&R #5 EGT probe w/new 16579-001. Performed functional inspection of fuel injection system IAW Continental ICA. Safety, FOD, leak and functional checks - good.

This Engine has been inspected in accordance with an Annual inspection and is approved for return to service. Further details are on file under work order referenced above.

Signature: [Signature] Certificate: CRS # N64R483Y

Engine Service and Maintenance Record



AVIATION SERVICES

469 Airport Road, Johnstown PA 15904
Phone: 814-361-3500 Fax: 814-361-3498

Business
Operations and

Registration: N335A	Time: 249.8	W/O: 0803-9	Date: 3/25/2008
IO-550-N, S/N 689998	Flight: 249.8		

R&R oil and filter. Serviced w/8 Aeroshell 15w50. Filter inspection good. Safety, leak and functional checks -good

I certify the above, described maintenance is airworthy and approved for return to service. See Work Order referenced for additional details.

Signature: R. J. McLaurin Certificate: CRS #N64R483Y

HORIZON AVIATION SERVICES INC.

N335A Cirrus 22 May 15, 2008

Replaced oil and filter added
7 qts Phillips 20W50. Washed engine
and removed old birds nest, all
systems check ok. Ed Capone A&E
1331104 I.A. Ed Capone

FLT TIME: _____
Hobbs Time 541.6

HORIZON AVIATION

Hobbs: 587.1 N335A

DATE: 6-19-08 FLIGHT: 345.3

Complied with oil and filter change, drained oil
removed filter, cut open no debris found installed
new filter p/n Ch48108-1 serviced engine with 7 qts
of phillips xc20w-50, ground run and leak check
good, all secure approved for return to service.

Robert J McLaurin A&P 3106325

Robert J McLaurin

Engine Service and Maintenance Record

Date	Total Time	Time Since Last Overhaul	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins.
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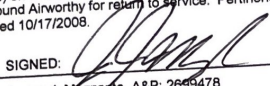
ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER: 782

Advanced Aircraft Services LP
500 Airport Rd. Suite D
Lutz, PA 17543
Phone: 717-735-5179

DATE: 10/17/2008
A/C TSN: 499.6
ENG TT: 499.6
HOBSBS: 629.2

Engine Entries
Drained the engine oil and replaced filter, Serviced engine with 7 qts of Phillips 20/50. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.

Maintenance Release
The aircraft and/or component(s) on N335A was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 762, Dated 10/17/2008.

DATE: 10/17/2008 SIGNED:  Work Order: 762
James J. Mazzante, A&P: 2699478 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER: 782

Advanced Aircraft Services LP
500 Airport Rd. Suite D
Lutz, PA 17543
Phone: 717-735-5179

DATE: 11/7/2008
A/C TSN: 516.5
ENG TT: 516.5
HOBSBS: 658.4

Engine Entries
Completed an Annual Inspection using the Cirrus AMM check list ch. 5-20.... Replaced the #1 top spark plug.... Completed the 500 hour magneto inspection on both mags per the TCM/Bendix Magneto overhaul manual.... Compressions: M/O reading 50. #1 78/80, #2 78/80, #3 75/80, #4 79/80, #5 75/80, #6 74/80. Drained the engine oil and replaced filter, Serviced engine with 7 qts of Exxon Elite 20/50W. Cut open filter and inspected, No contamination found at this time. Performed oil analysis. Megged the ignition harness, cleaned, gapped and tested all plugs, replaced the induction air filter, ground run and leak checked good. All AD's current thru 08-22.-END-

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 11/7/2008 SIGNED:  Work Order: 782
Richard A. Barnhart II, IA: 3124994 Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER: 967

Advanced Aircraft Services LP
500 Airport Rd. Suite D
Lutz, PA 17543
Phone: 717-735-5179

DATE: 6/9/2009
A/C TSN: 561.2
ENG TT: 561.2
HOBSBS: 715.3

Engine Entries
Drained the engine oil and replaced filter. Serviced engine with 7qts of Aeroshell 100w. Cut open filter and inspected, No contamination found at this time. Ground run and leak checked good.

Maintenance Release
The aircraft and/or component(s) on N335A was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this facility under Work Order No. 967, Dated 6/9/2009.

DATE: 6/9/2009 SIGNED:  Work Order: 967
James J. Mazzante, A&P: 2699478 Printed by EBis 3 (datcomedia.com)

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N ___ Page

N335A Page

DATE: 23 July, 2010
A/C TSN: 1018
ENG TT: 745
FLIGHTTIME: 939

Total Time Since Last Overhaul

Advanced Aircraft Services LP

ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER: 1385
500 Airport Rd, Suite D
Litz, PA 17543
Phone: 717-735-5179

Engine Entries

Cirrus Annual inspection completed using the Cirrus AMM check list ch. 5-20. Compressions: #1-74/80 #2-73/80 #3-73/80 #4-62/80 #5-72/80 #6-65/80. Drained the engine oil and replaced filter, serviced engine with 7 qts of Phillips 20/50 Type M. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Megged the ignition harness, cleaned and gapped plugs, ultrasonic cleaned the fuel nozzles. Ground run and leak checked good.
CW AD 2010-D-11-04 Hyd Lifters, N/A by date.
CW AD 09-19-07 EQ3 Cylinder Head Assemblies, N/A by engine model.
CW AD 09-16-03 Superior Cylinders, N/A not installed.
Replaced the #5 bottom and #3 top spark plug.
Replaced cylinder #3 fuel injector line clamp.
Removed all 6 cylinders for repair by Mattituck TCM warranty service. Reinstalled repaired cylinders with new piston pins on cyl s #2, #3, #4 and #5 IAW TCM maintenance manual. Repair information on file with Teledyne Mattituck Services, Inc. W/O: 62808 Ops and leak check good.
Adjusted the engine oil pressure.
CW SIL 97-3C Fuel System Adjustment
Replaced the propeller governor rod end.
Replaced cyl. drain manifold seals.
Replaced all ignition lead contact springs.

I certify that this ENGINE has been inspected AW an Annual Inspection and was found to be in Airworthy condition.

DATE: 23 July, 2010

SIGNED: 
Richard A. Bernhart II, IA, 312954AP

Work Order: 1385
Printed by EBis 3 (datcomedia.com)

1 of 1

Advanced Aircraft Services LP

ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER: 1442
500 Airport Rd, Suite D
Litz, PA 17543
Phone: 717-735-5179

DATE: 15 September, 2010
A/C TSN: 857.4
ENG TT: 745
HOBBS: 1052.3

Engine Entries

Drained the engine oil and replaced filter, Serviced engine with 6 qts of Phillips 20W50 X/C oil. Cut open filter and inspected, no contamination found at this time. Ground run and leak checked good.
Performed compression check: #1- 77/80 #2- 70/80 #3- 75/80 #4- 76/80 #5- 76/80 #6- 79/80. Borescoped cylinders, no abnormalities found. Washed engine, ground ran, leak checked. Determined oil pressure adjustment shaft to be leaking.
Replaced seal washer under jam nut for oil pressure adjustment. Ground ran, leak check good.

Maintenance Release

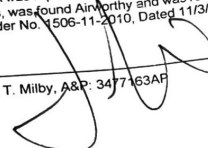
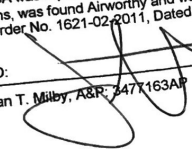
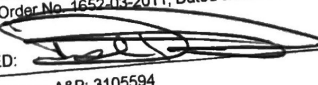
The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1442, Dated 15 September, 2010.

DATE: 15 September, 2010

SIGNED: 
Jonathan T. Maby, R&P: 3477163AP

Work Order: 1442
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Engine Service and Maintenance

Date	Total Time	Time Since Last Overhaul	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins.
			<p style="text-align: right;">DATE: 11/3/2010 A/C TSN: 1096.1 ENG TT: 745 HOBBS: 896.2</p> <p>Advanced Aircraft Services LP 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p> <p>Engine Entries Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20W50 X/C. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.</p> <p>Maintenance Release The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1506-11-2010, Dated 11/3/2010.</p> <p>DATE: 11/3/2010 SIGNED:  Work Order: 1506-11-2010 Jonathan T. Milby, A&P: 3477163AF Printed by EBIS 3 (datcomedia.com)</p>
			<p style="text-align: right;">DATE: 2/17/2011 A/C TSN: 947.2 ENG TT: 947.2 HOBBS: 1152.4</p> <p>Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p> <p>Engine Entries Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20W50 X/C. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.</p> <p>Maintenance Release The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1621-02-2011, Dated 2/17/2011.</p> <p>DATE: 2/17/2011 SIGNED:  Work Order: 1621-02-2011 Jonathan T. Milby, A&P: 3477163AF Printed by EBIS 3 (datcomedia.com)</p>
			<p style="text-align: right;">DATE: 3/9/2011 A/C TSN: 959.7 ENG TT: 959.7 HOBBS: 1167.3</p> <p>Advanced Aircraft Services 530 Airport Rd. Lititz, PA 17543 Phone: 717-735-5179</p> <p>Engine Entries C/W SID 97-3E Fuel System Adjustment. Ops check good.</p> <p>Maintenance Release The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1652-03-2011, Dated 3/9/2011.</p> <p>DATE: 3/9/2011 SIGNED:  Work Order: 1652-03-2011 Daryl Plouse, A&P: 3105594 Printed by EBIS 3 (datcomedia.com)</p>

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Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins.

Date

Total Time

Time Since Last Overhaul

ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER:
1785-06-2011

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 6/9/2011
A/C TSN: 1007.3
ENG TT: 1007.3
HOBSBS: 1219.6

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20W50 X/C. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.... Removed and replaced the #5 Cylinder Fuel Injector line clamp.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1785-06-2011, Dated 6/9/2011.

DATE: 6/9/2011

SIGNED: *Jason T. Henry*

Work Order: 1785-06-2011

Jason T. Henry, A&P: 160544469

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ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER:
1822-07-2011

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 7/6/2011
A/C TSN: 1047.7
ENG TT: 1047.7
HOBSBS: 1264.7

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20W50 X/C. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.... Inspected and cleaned Airwolf Air / Oil separator IAW manufactures recommendations. No defects found.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 1822-07-2011, Dated 7/6/2011.

DATE: 7/6/2011

SIGNED: *Jason T. Henry*

Work Order: 1822-07-2011

Jason T. Henry, A&P: 160544469

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ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER:
1891-08-2011

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 9/15/2011
A/C TSN: 1082.1
ENG TT: 1082.1
HOBSBS: 1304.6

Engine Entries

Cirrus Engine Annual Inspection completed using the Cirrus AMM check list ch. 5-20. Compression check (x/80) 1:71 2:76 3:73 4:72 5:78 6:71. Drained and sampled the oil, removed and inspected the oil filter. Installed a new oil filter and serviced the engine with 7 quarts of Phillips X/C 20W50. Cleaned, gapped and tested the spark plugs. Cleaned the fuel injector nozzles. Checked the mag timing. All AD's current thru 2011-19 Ops and leak check good.... Installed three new vibration isolators on the A/C compressor drive assy. Ops check good.... Removed and replaced the oil filler cap gasket.... Removed and replaced the oil cooler. Removed oil cooler S/N: 106-4772-111 and installed new oil cooler S/N: D11-9345-118. Leak check good.

I certify that this ENGINE has been inspected IAW an Annual Inspection and was found to be in Airworthy condition.

DATE: 9/15/2011

SIGNED: *Richard A. Barnhart II*

Work Order: 1891-08-2011

Richard A. Barnhart II, IA: 3124994AP

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ENGINE MODEL: IO550N
ENGINE S/N: 689998
REG. NO: N335A
WORK ORDER:
2036-12-2011

Advanced Aircraft Services

530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 12/13/2011
A/C TSN: 1142.9
ENG TT: 1142.9
HOBSBS: 1373.8

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20W50 X/C oil. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 2036-12-2011, Dated 12/13/2011.

DATE: 12/13/2011

SIGNED: *Derrick S. Miller*

Work Order: 2036-12-2011

Derrick S. Miller, A&P: 3221608

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Engine Service and Maintenance Record

Installations, Inspections, Airworthiness
 Directives, Special Inspections, Modifications and
 Service Bulletins.

ENGINE MODEL: IO550N
 ENGINE S/N: 689998
 REG. NO: N335A
 WORK ORDER:
 2134-03-2012

Advanced Aircraft Services
 530 Airport Rd.
 Lutz, PA 17543
 Phone: 717-735-5179

DATE: 3/5/2012
 A/C TSN: 1199.1
 ENG TT: 1199.1
 HOBBS: 1435.8

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20/50. Cut open filter and inspected, no contamination found at this time. Performed oil analysis. Ground run and leak checked good.... Removed and installed Cylinder #5 for the replacement of the base seal. Ops and leak check good.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service. Additional details of the repair are available at this facility under Work Order No. 2134-03-2012, Dated 3/5/2012.

DATE: 3/5/2012

SIGNED: 

Jason T. Henry, A&P: 160544469

Work Order: 2134-03-2012

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO550N
 ENGINE S/N: 689998
 REG. NO: N335A
 WORK ORDER:
 2299-06-2012

Advanced Aircraft Services
 530 Airport Rd.
 Lutz, PA 17543
 Phone: 717-735-5179

DATE: 6/14/2012
 A/C TSN: 1286.1
 ENG TT: 1286.1
 HOBBS: 1533.8

Engine Entries

Drained the engine oil and replaced filter. Serviced engine with 7 qts of Phillips 20/50. Cut open filter and inspected, a small amount of contamination was found. It was recommended that the customer should bring the aircraft back in 10 hours for a filter check. Performed oil and filter analysis. Ground run and leak checked good.... Removed and replaced cracked #1 alternator. Removed and reinstalled drive coupling. Ops check good.

Maintenance Release

The aircraft and/or component(s) on N335A was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 6/14/2012

SIGNED: 

Jason T. Henry, A&P: 160544469

Work Order: 2299-06-2012

Printed by EBis 3 (datcomedia.com)

6/15/12 1302.5 - Removed engine s/n 689998 from
 N335A s/n 2288 for IRAN
 3477163 A+P 