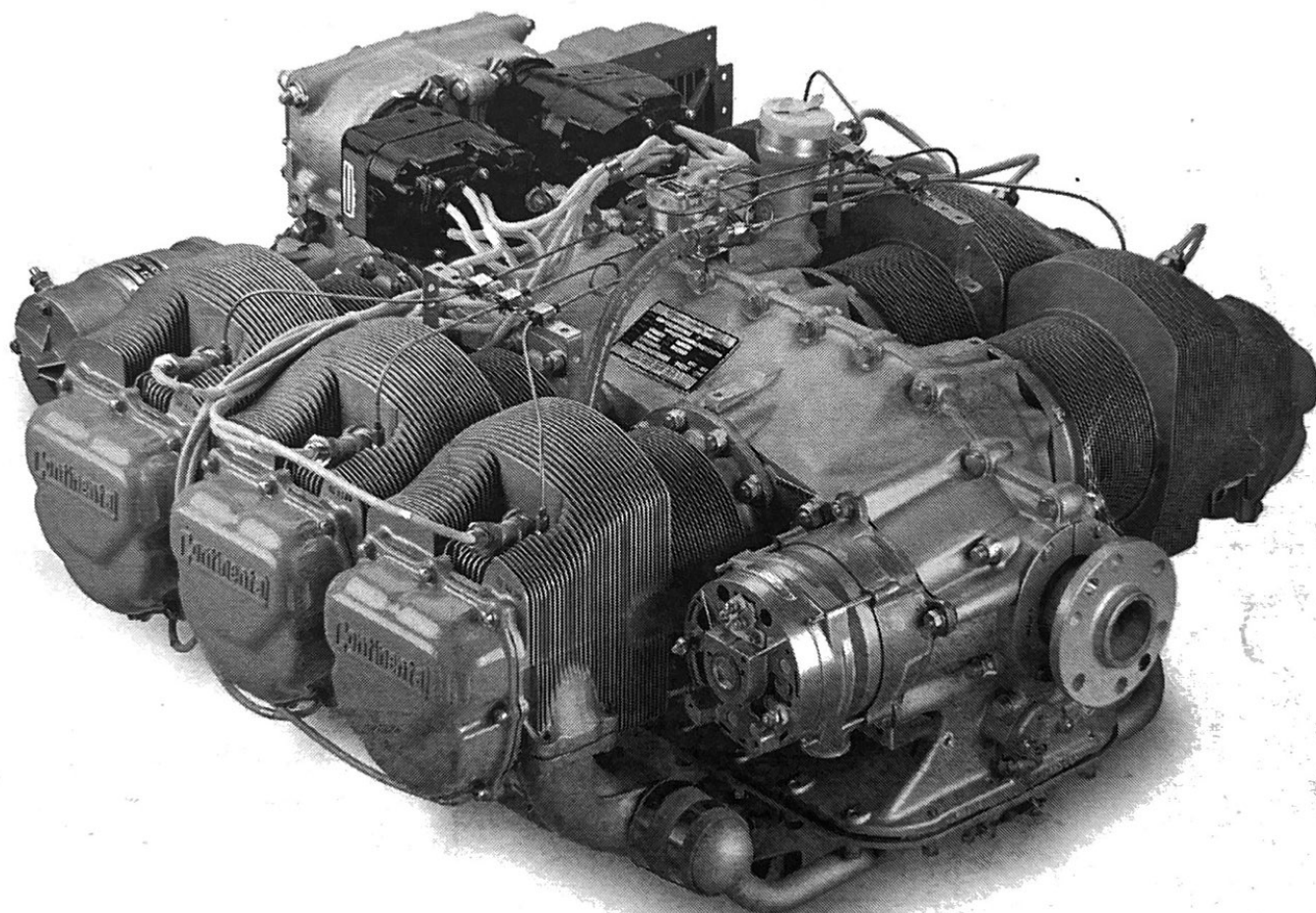


E. 3838

N838EB

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
2-18-08	0	0	0	0

Engine Service and Maintenance Record

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

This engine has been installed on aircraft serial number E-3838 and has been fully charged with Phillips 66 Type M SAE 20W-50.

Eugene Hainstock
 For Hawker Beechcraft Corporation PC#8

ENGINE MODEL:
IO550B39
ENGINE S/N: 688610
REG. NO: 838EB
WORK ORDER:
3428-07-2008



Executive Beechcraft STL, Inc.

Repair Station No. DEBR152D
532 Beechcraft Ave.
Chesterfield, MO 63005
Phone: 636-532-4800

DATE: 08/01/08
A/C TSN: 33.5
ENG TT: 33.5
HOBBS: 33.5

Engine Entries

(3) Drained oil, took SOAP sample. Replaced filter with a new CH48109-1, serviced with 11 quarts of Aeroshell 100W oil.

Maintenance Release

With respect to the work performed, this engine is determined to be in an airworthy condition and is approved for return to service. Pertinent details of the repairs are on file at this repair station DEBR152D under the above noted work order.

DATE: 08/01/08

SIGNED:

Mark Scheldt
Certified Repair Station No. DEBR152D

Work Order: 3428-07-2008

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO550B39
ENGINE S/N: 688610
REG. NO: 838EB
WORK ORDER:
3655-10-2008



Executive Beechcraft STL, Inc.

Repair Station No. DEBR152D
532 Beechcraft Ave.
Chesterfield, MO 63005
Phone: 636-532-4800

DATE: 10/03/08
A/C TSN: 63.8
ENG TT: 63.8
HOBBS: 63.8

Engine Entries

(1) Drained oil, took SOAP sample and removed filter. Inspected filter element, no metal noted. Installed new C/H 48109-1 filter and safetied. Added 11 qts Aeroshell 15W50 oil.

Maintenance Release

With respect to the work performed, this engine is determined to be in an airworthy condition and is approved for return to service. Pertinent details of the repairs are on file at this repair station DEBR152D under the above noted work order.

DATE: 10/03/08

SIGNED:

Richard Cramsey
Certified Repair Station No. DEBR152D

Work Order: 3655-10-2008

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO550B39
ENGINE S/N: 688610
REG. NO: 838EB
WORK ORDER:
3794-12-2008

Executive Beechcraft STL, Inc.

Repair Station No. DEBR152D
532 Beechcraft Ave.
Chesterfield, MO 63005
Phone: 636-532-4800

DATE: 12/5/2008
A/C TSN: 97
ENG TT: 97
HOBBS: 97

Engine Entries

(1) Drained oil, took SOAP sample. Replaced filter with a new CH48109-1 filter and safetied. Serviced with 11qts Aeroshell 15W50 oil. Leak check good.

Maintenance Release

With respect to the work performed, this engine is determined to be in an airworthy condition and is approved for return to service. Pertinent details of the repairs are on file at this repair station DEBR152D under the above noted work order.

DATE: 12/5/2008

SIGNED:

Christopher Paulbaum
Certified Repair Station No. DEBR152D

Work Order: 3794-12-2008

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
IO550B39
ENGINE S/N: 688610
REG. NO: 838EB
WORK ORDER:
4046-03-2009

Executive Beechcraft STL, Inc.

Repair Station No. DEBR152D
532 Beechcraft Ave.
Chesterfield, MO 63005
Phone: 636-532-4800

DATE 03/30/09
A/C TSN 121
ENG TT 121
HOBBS 121

Engine Entries

(1) Complied with an Annual Inspection referencing the Hawker Beechcraft Bonanza maintenance manual p/n 36-590001-9B2, Revised October 1, 2008, supplement 36-590001-11B, Revised May 1, 2008 and Beech inspection guide p/n 98-32227M Revised October 1, 2008.... (2) Performed compression check: (1) 70/80, (2) 70/80, (3) 72/80, (4) 72/80, (5) 72/80, (6) 75/80.... (3) Drained oil and took SOAP sample. Installed new CH48109-1 filter and safetied. Added 11 qts Aeroshell 15W50 oil.... (4) Removed, cleaned, and reinstalled fuel injectors.... (12) Cleaned, regapped, and tested spark plugs.

Maintenance Release

I certify that this engine has been inspected in accordance with an Annual Inspection meeting the intent of 14 CFR 91.409 and Part 43, Appendix D and has been determined to be in an airworthy condition and is approved for return to service. Pertinent details of the inspection/repairs are on file at this repair station DEBR152D under the above noted work order.

DATE: 03/30/09

SIGNED: *Lee Erickson*

Work Order: 4046-03-2009

Lee Erickson
Certified Repair Station No. DEBR152D

Printed by EBis 3 (datcomedia.com)



N838EB	Model: G-36 Bonanza	SN: E3838
Hobbs: 155.6		Date: 8/20/09

ENGINE ENTRY

Left Engine Model: IO 550B SN: 688610

Installed Tel/Cont warranty supplied starter drive PN: 642087A69. Changed oil and filter PN: CH48109-1, serviced with 12 Quarts 15W50 Aeroshell. Performed ground runs and leak checks. Reference work order 13606 for details of work performed. I find this engine to be in an airworthy condition with respect to work performed and it is approved for return to service.

Worldwide Aircraft Services, Inc.
CRS# OWFR547L

N838EB
CONTINENTAL
IO-550-B39B
SN# 688610

ENGINE


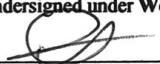
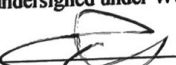

DATE 04/01/10
HOBBS 195.8
ACFT TT 195.8
CYCL n/a

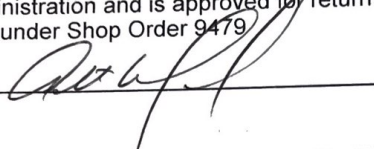
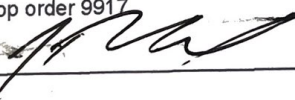
1. Completed Annual Inspection IAW FAR 43 App. D and the Beechcraft A36 Long Insp. Guide dated Jul 2009.
2. Completed AD research through biweekly update 2101-07 dated 3/29/2010. See AD compliance record for a list of all applicable ADs.
3. AD 09-19-07 and SB 71-3958 EQ3 cylinders. Not applicable no EQ3 cylinders installed.
4. AD 09-24-52 and SB 71-4006 Hydraulic lifters. Not applicable by aircraft SN#.
5. Performed engine oil and filter change. Serviced engine with 12 quarts of Aeroshell 15W50 oil, installed a new CH-48109-1 oil filter.
6. Took Oil analysis sample and cut open filter. No defects noted in filter elements.
7. Cleaned and inspected fuel injectors.
8. Performed cylinder compression test. #1 77/80, #2 74/80, #3 77/80, #4 75/80, #5 77/80, #6 74/80.
9. Secured AC compressor power wire to side of compressor with RTV.
10. Repositioned and re secured alternator r wires.
11. RH exhaust leaking at ball joint, disassembled and repositioned, safetied with cotter pins. LH ball joint loose, added 1 washer.
12. Cleaned debris from bottom of engine compartment.
13. Repositioned LH exhaust into correct position. Sealed gaps in the baffling with RTV.
14. Cleaned engine air filter IAW Donaldson instructions.
15. Performed Ground run: Operational and leak checked completed satisfactorily.

The Engine identified was inspected and repaired IAW current regulations of the FAA and is approved for return to service. Pertinent details are on file with the undersigned under West County Aero LLC Work Order: 10081.

Signed: *Chris McPherson*

Chris McPherson A&P IA 3154631

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
<div> <div> N838EB CONTINENTAL IO-550-B39B SN# 688610 </div> <div> ENGINE </div> <div> DATE 12 Sep 2010 HOBBS 248.3 ACFT TT 248.3 CYCL n/a </div> </div> <p>1. Performed engine oil and filter change. Serviced engine with 12 quarts of Aeroshell 15W50 oil, installed a new CH-48109-1 oil filter.</p> <p>2. Took Oil analysis sample and cut open filter. No defects noted in filter elements.</p> <p>3. Performed Ground run: Operational and leak checked completed satisfactorily.</p> <p>The Engine identified was inspected and repaired IAW current regulations of the FAA and is approved for return to service. Pertinent details are on file with the undersigned under West County Aero LLC Work Order: 10289.</p> <p>Signed:  Chris McPherson A&P IA 3154631</p>					
<div> <div> N838EB CONTINENTAL IO-550-B39B SN# 688610 </div> <div> ENGINE </div> <div> DATE 11 Oct 2010 HOBBS 260.3 260.3 n/a </div> </div> <p>1. Adjusted the fuel injection system IAW Chapter 71-00-00-001 of A36 Maintenance Manual and TCM SID97-3E (Rev. Date Jun 08).</p> <p>2. Performed Ground run: Operational checked completed satisfactorily, then performed flight test IAW above references. All engine parameters within limits.</p> <p>The Engine identified was maintained and repaired IAW current regulations of the FAA and is approved for return to service. Pertinent details are on file with the undersigned under West County Aero LLC Work Order: 10323.</p> <p>Signed:  Chris McPherson A&P IA 3154631</p>					
<div> <div> N838EB CONTINENTAL IO-550-B39B SN# 688610 </div> <div> ENGINE </div> <div> DATE 21 Oct 2010 HOBBS 268.7 268.7 n/a </div> </div> <p>1. Adjusted the fuel injection system IAW Chapter 71-00-00-001 of A36 Maintenance Manual and TCM SID97-3E (Rev. Date Jun 08).</p> <p>2. Performed Ground run: Operational checked completed satisfactorily, then performed flight test IAW above references. All engine parameters within limits.</p> <p>The Engine identified was maintained and repaired IAW current regulations of the FAA and is approved for return to service. Pertinent details are on file with the undersigned under West County Aero LLC Work Order: 10343.</p> <p>Signed:  Chris McPherson A&P IA 3154631</p>					
<div> <div> N838EB CONTINENTAL IO-550-B39B SN# 688610 </div> <div> ENGINE </div> <div> DATE 6 Jan 11 HOBBS 317.1 ENG TT 317.1 CYCL n/a </div> </div> <p>1. Performed engine oil and filter change. Serviced engine with 12 quarts of Aeroshell 15W50 oil, installed a new CH-48109-1 oil filter.</p> <p>2. Took Oil analysis sample and cut open filter. No defects noted in filter elements.</p> <p>3. Performed Ground run: Operational and leak checked completed satisfactorily.</p> <p>The Engine identified is approved for return to service. Pertinent details are on file with the undersigned under West County Aero LLC Work Order: 10433.</p> <p>Signed:  Chris McPherson A&P IA 3154631</p>					

Date	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record	Special Inspections,
Brought F	Date: 4/20/11	N838EB	Midwest Aviation Services, Inc.	
	Tach/Hobbs: 332.4	ENG.TT: 332.4		
	<p>Completed Annual inspection this date using Bonanza 36 Inspection Form #98-32227Q and G36 Maintenance Manual Supplement Table 601 for guidance. Compression Check: #1(68), #2(66), #3(70), #4(66), #5(72), #6(70). Engine oil and filter change c/w. Filter inspected finding no contaminants at this time. Installed a CH48109-1 filter and serviced with Aeroshell 15W50. Fuel injectors and servo inlet screen inspected and cleaned. All spark plugs cleaned, inspected, gapped, tested and rotated. SB2-08B Point Cam wear inspection performed with no discrepancies noted at this time. SB3-08B Carbon Brush and Distributor Block inspection performed with no discrepancies noted at this time. Engine washed ground ran and no leaks noted at this time.</p> <p>The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under Shop Order 9479.</p>			
	SIGNATURE  for CRS MW8RS657W			
	Date: 12/8/2011	N838EB	Midwest Aviation Services, Inc.	
	Tach/Hobbs:		PO Box 219 (270)744-8686 Ph.	
	ENGTT: 419.0		200 Hardy Roberts Dr. (270)744-3466 Fax	
	SMOH:		West Paducah, KY 42086 midwest-aviation.com	
	<p>Drained oil, took sample, replaced filter with new CH48109-1, cut open old filter, inspected for metal, none noted at this time, serviced engine with 11 Qts Aeroshell 15W50. Washed and Ran engine, no leaks noted at this time. END</p> <p>The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 9917.</p>			
	SIGNATURE  for CRS MW8R657W			

Date: 5-11-2012 N838EB **Midwest Aviation Services, Inc.**
Tach/Hobbs: 469.8 PO Box 219 (270)744-8686 Ph.
ENGTT: 469.8 200 Hardy Roberts Dr. (270)744-3466 Fax
SMOH: West Paducah, KY 42086 midwest-aviation.com

Completed Annual inspection this date as per FAR 43 Appendix D and Beechcraft G36 maintenance manual. Compression check as followed 1(70/80) 2(repaired) 3(68/80) 4(repaired) 5(70/80) 6(68/80), master orifice reading (43/80). Drained oil and changed filter, serviced with aeroshell 100 mineral oil and installed CH48109 oil filter. Cut open old filter and inspected for contamination, none noted this date. Fuel injectors and servo inlet screen inspected and cleaned. All spark plugs cleaned, inspected, gapped, tested and rotated. Removed and reinstalled #2 & #4 cylinders after repair by Poplar Grove Airmotive, Inc. (W/O # 4729) using new gaskets as needed. Adjusted take off rpm as needed. Reglued upper tanis heater pad as needed. Removed it and rt mags, inspected point gaps and reinstalled using new gaskets. Resealed starter drive housing lower pipe plug as needed. Installed new air conditioner drive belt p/n 646293-34.00. Secured fuel pump cooling duct as needed. Recrimped prop cable attach tab. Installed new mixture rod end p/n 131765-1F. Installed new throttle cable adel clamp p/n MS21919WDG-4. Washed and ground ran engine no leaks noted this date.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 10147

SIGNATURE  for CRS MW8R657W

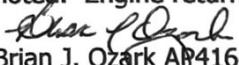
Fit in new rings & honeal bones
Repaired 1 & 2 o/r manual # 305684
REL 12/10/12
END

OZARK AIRCRAFT MAINTENANCE LLC

Cape Girardeau Regional Airport
Cape Girardeau MO 63701

March 4, 2013 N838EB Beech A36 S/N EE3838
Hobbs 569.7 Total Time 569.7

On this date removed cleaned and tested spark plugs and tested ignition leads. Installed 1 serviceable URHB32S plug in lower #1 cylinder. Performed ground run and magneto check no defects noted. Engine returned to service for work performed only.

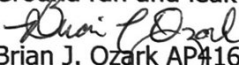

Brian J. Ozark AP41640790

OZARK AIRCRAFT MAINTENANCE LLC

Cape Girardeau Regional Airport
Cape Girardeau MO 63701

July 26, 2012 N838EB Beech A36 S/N EE3838
Hobbs 500.1 Total Time 500.1

On this date Drained oil and inspected filter, added 12 qts Aeroshell 15W50 oil and 1 AA48109 filter. Ground ran and leak checked no leaks noted. Engine returned to service for work performed only.


Brian J. Ozark AP41640790

Date:6/13/13
Tach/Hobbs:577.0
ENGT:577.0
SMOH:

N577.0

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Completed annual inspection this date using Beech Bonanza form, chap. 5-20-00 for guidance. Compressions: #1(58), #2(72), #3(66), #4(74), #5(66), #6(60). Oil filter inspected finding no contaminants noted at this time. Installed a CH48109-1 filter and serviced with Aeroshell 15W50. Alternator replaced. Fuel injectors and servo inlet screen inspected and cleaned. Spark plugs cleaned, inspected, gapped, tested and rotated. Engine washed ground ran and no leaks noted at this time.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 10844

SIGNATURE  for CRS MW8R657W

Date:4/25/14
Tach/Hobbs:611.5
ENGT:611.5
SMOH:

N838EB

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Drained engine oil. Cut open old filter, inspected for contamination, none found at this time. Installed new CH48109-1 filter. Serviced with Aeroshell 15W50. Washed and ground ran engine. No leaks noted at this time. Left tailpipe hangar adjusted.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 11290

SIGNATURE  for CRS MW8R657W

Date: 6-26-2014
Tach/Hobbs: 618.2
ENGTT: 618.2
SMOH: N/A

N 838EB

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Total Time

Hrs. Mi

Completed annual inspection as per FAR 43 appendix D and Beechcraft G36 Bonanza maintenance manual 100hr inspection report as a guide. Compression check as followed 1(replaced) 2(61/80) 3(replaced) 4(73/80) 5(65/80) 6(68/80), master orifice reading (42/80) dated 6-26-2104. Removed and reinstalled #1 cylinders after repair by Poplar Grove Airmotive, Inc. (see yellow tag attached) using new gaskets and packings. Installed new #1 cylinder intake lifter p/n 653888 and installed new #3 cylinder exhaust lifter p/n 653877. Drained oil and changed filter, serviced with Aeroshell 100 straight mineral oil and installed CH48109-1 oil filter. Cut open old filter and inspected for contamination, none found this date. All spark plug cleaned, inspected, gapped and tested. Cleaned fuel injection servo inlet screen. Cleaned fuel injector nozzles. Checked Lt and Rt magnetos contact, clearance, checked mag to engine timing. Installed new standby alternator drive pad seal p/n 25102 and gaskets p/n MS9134-01, 654012. Washed and ground ran engine, no leaks noted this date. All A.D. checked thru Bi-weekly revision 2014-11 dated 6-12-2014 and FAA Flight Standards Information Management System revision 2014-11 dated 6-25-2014.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 11360

SIGNATURE  for CRS MW8R657W

Date: 8/1/2015
Tach/Hobbs: 655.5
ENGTT: 655.5
SMOH:

N 838EB

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Completed Annual inspection this date using Beech Bonanza inspection form, chap. 5-20-00 for guidance. Compressions per CSB 03-3 with Master Orifice reading 46/80.

#1(70), #2(52ex), #3(74), #4(76), #5(71), #6(72). #2 cylinder removed and reinstalled after repairs from Poplar Grove Airmotive. Oil change c/w. Filter inspected with no contaminants noted at this time. Installed a CH48109-1 filter and serviced with Aeroshell 100 MINERAL. #4 push rod seals replaced. Tightened right muffler hardware and keyed. Replaced Cam follower on right magneto. Fuel injectors and servo inlet screen inspected and cleaned. All plugs cleaned, gapped, tested and rotated.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 11946

SIGNATURE  for CRS MW8R657W

Date: 10/17/2016
Tach/Hobbs: 740.4
ENGTT: 740.4
SMOH:

N838EB

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Completed Annual inspection this date using Beech G36 inspection form, chap. 5-20-00 for guidance and G36 Supplemental inspection guide. Compressions completed per CSB 03-3 with a Master orifice reading of 44/80 allowable leakage past rings.

#1(70), #2(65), #3(70), #4(70), #5(67), #6(52). oil and filter change c/w. Filter inspected with no contaminants noted at this time. Installed a CH48109-1 filter and serviced with Aeroshell 15W50. Fuel injectors and servo inlet screen inspected and cleaned. Spark plugs cleaned, inspected, gapped and tested. Forward crankcase seal replaced. 500 hr. magneto inspection items c/w. Right magneto points and capacitor replaced. #2 spark plug replaced. AD2016-16-12 N/A to cylinders installed.

Engine washed, ground ran with no leaks noted at this time.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 12576

SIGNATURE  for CRS MW8R657W

Record
Inspections,



HAWKINS JET CENTER

JACKSON, MISSISSIPPI



Maintenance Record

ness Directives, Special Inspections,

N838EB

Date 06-08-2017

Hourmeter 781.8

Oil and filter changed at this time. Serviced engine with 12 qts of Phillips XC 20W50. Inspected oil filter. No metal found. Engine ground ran. No leaks noted.

Joshua Speer P# 3952535

Date: 7/26/2017

N838EB

Tach/Hobbs: 783.5

ENGTT: 783.5

Midwest Aviation Services, Inc.

PO Box 219

(270)744-8686 Ph.

200 Hardy Roberts Dr.

(270)744-3466 Fax

West Paducah, KY 42086 midwest-aviation.com

Completed a selected item inspection for purchase. Ground run aircraft and check all systems. Performed cylinder compression test: (1)67 (2)69 (3)70 (4)50 (5)63 (6)26. Drain oil and replace filter with new CH48109-1. Inspect old filter for contaminants, none noted. Removed #4 & #6 cylinders do to excess leakage around exhaust valves. Reinstall cylinders after repair by Poplar Grove Airmotive, Inc. using new rings, gaskets and seals. See yellow tags with work order PGA8657. Service engine with Aeroshell 100 mineral. Check intake and exhaust system and accessories. Inspect case web as per SB09-4B. Wash engine and perform cylinder ground run break-in and check for leaks. Adjust idle mixture and speed.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 13015

SIGNATURE

 for CRS MW8R657W

ENGINE MODEL:

IO550B39B

ENGINE S/N: 688610

REG. NO: N838EB

WORK ORDER:

7992-08-2017

Kalamazoo Aircraft, Inc.

Repair Station No. K9AR289N

2729 E Milham Rd.

Kalamazoo, MI 49002

Phone: (269) 381-0790

DATE: 9/7/2017

A/C TSN: 788

ENG TT: 788

HOBBS: 788

Engine Entries

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION... COMPRESSION CHECK: 1) 78/80, 2) 78/80, 3) 79/80, 4) 79/80, 5) 78/80, 6) 78/80... CHANGED OIL AND FILTER, INSPECTED REMOVED FILTER, NO DEFECTS FOUND, SERVICED ENGINE WITH 11 QUARTS OF PHILLIPS 20W50 TYPE M OIL... RAN, LEAK AND OPS CHECKED GOOD... INSTALLED NEW THROTTLE RETURN SPRING... INSTALLED NEW THROTTLE CONTROL ROD END, CHECKED TRAVEL STOP TO STOP AND SAFTIED, PROPERLY SPACED MIXTURE AND PROP ROD ENDS, SAFTIED... INSTALLED NEW FUEL CONTROL UNIT BLAST TUBE... REMOVED (6) CONTINENTAL CYLINDER ASSEMBLIES, INSTALLED (6) NEW CONTINENTAL NICKEL CYLINDER ASSEMBLIES, P/N 658611A3, S/N 1) AC16HB349, 2) AC16HB264, 3) AC16HB375, 4) AC16IA270, 5) AC16HD899, 6) AC16HB318, INSTALLED (6) NEW PISTON PINS, REINSTALLED ALTERNATOR AND PROP GOVERNOR WITH NEW GASKETS, REINSTALLED BAFFLING, TANIS HEAT PROBES, ALL WORK WAS COMPLETED IAW TCM OVERHAUL MANUAL X30039 SECTION VII PARAGRAPH 8.8, RAN ENGINE, LEAK AND OPS CHECKED GOOD... INSTALLED (6) NEW EXHAUST LIFTERS P/N 658077 AND (6) NEW INTAKE LIFTERS P/N 658088, REASSEMBLED PUSH ROD AND ROCKERS, TORQUED ROCKER SHAFT THROUGH BOLTS, REINSTALLED ROCKER COVERS, RAN AND LEAK CHECKED GOOD.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this certified repair station.

DATE: 9/7/2017

SIGNED:


James R. Michalka

Certified Repair Station No. K9AR289N

Work Order: 7992-08-2017

Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Bn

Satnan Avionics

Joe Foss Field
Sioux Falls SD

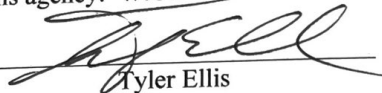
Engine Log

DATE	MAKE/MODEL	TACH / HOBBS	TOTAL TIME	SNEW	REGISTRATION	SERIAL NUMBER
11/1/17	TCM IO-550-B	806.1	806.1	806.1	N838EB	688610

Drained oil, removed oil filter and cut open to inspect for defects. No defects noted. Serviced engine with 11qts Exxon Elite 20W50 oil and installed new Tempest AA48109 oil filter. Run and leak check good.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency. W.O.# 3694

Signed


Tyler Ellis

IA # 3068062

Satnan Avionics

Joe Foss Field
Sioux Falls SD

Engine Log

DATE	MAKE/MODEL	TACH / HOBBS	TOTAL TIME	SNEW	REGISTRATION	SERIAL NUMBER
5/30/18	TCM IO-550-B	849.9	849.9	849.9	N838EB	688610

Drained oil, removed oil filter and cut open to inspect for defects. No defects noted. Serviced engine with 11qts Exxon Elite 20W50 oil and installed new Tempest AA48109 oil filter. Run and leak check good.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency. W.O.# 3950

Signed


Tyler Ellis

IA # 3068062

Satnan Avionics

Joe Foss Field
Sioux Falls SD

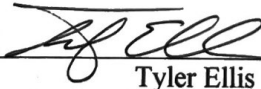
Engine Log

DATE	MAKE/MODEL	TACH / HOBBS	TOTAL TIME	SNEW	REGISTRATION	SERIAL NUMBER
6/14/18	TCM IO-550-B	853.2	853.2	853.2	N838EB	688610

Removed and replaced #4 CHT probe with new 86252. Ops check good

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency. W.O.# 3988

Signed


Tyler Ellis

IA # 3068062

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
	ENGINE MODEL IO550B39B		Kalamazoo Aircraft, Inc.		DATE 09/13/2018
	ENGINE S/N 688610		Repair Station No K9AR289N		A/C TSN 874 5
	REG. NO N838EB		2729 E Milham Rd		ENG TT 874 5
	WORK ORDER 8188-09-2018		Kalamazoo, MI 49002		HOBBS 874 5
			Phone (269) 381-0790		
	Engine Entries				
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION... COMPRESSION CHECK: 1) 72/80, 2) 75/80, 3) 76/80, 4) 70/80, 5) 78/80, 6) 74/80... CHANGED OIL AND FILTER, INSPECTED REMOVED FILTER, NO DEFECTS FOUND, SERVICED ENGINE WITH 11 QUARTS OF EXXON ELITE 20W50 OIL... RAN, LEAK AND OPS CHECKED GOOD... REMOVED RH MUFFLER AND TAILPIPE, INSTALLED NEW RH TAILPIPE ON MUFFLER, REINSTALLED, SAFTIED, RAN AND OPS CHECKED GOOD... INSTALLED (12) NEW TEMPEST URHB32E SPARK PLUGS, RAN AND OPS CHECKED GOOD.				
	The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this certified repair station.				
	DATE: 09/13/2018		SIGNED:  James R Michalka Certified Repair Station No K9AR289N		Work Order: 8188-09-2018 Printed by EBis 3 (datcomedia.com)

Elite Aircraft Services

501 W. Hangar St. Sioux Falls SD

605-809-5304

DATE	MAKE/MODEL	TACH/HOBBS	Eng. TT	REGISTRATION	ENG.SERIAL NUMBER
10-26-2019	IO550B39B	919.5	919.5	N838EB	688610

- C/W Annual - 100Hr. Inspection
- Compressions as follows: #1. 74, #2 72, #3 70, #4 72 #5 74, #6 74/80
- Cleaned, gapped, inspected & rotated spark plugs.
- Installed new spark plug gaskets M674
- A.D. listing updated this date.
- Drained oil, cut open and inspected oil filter w/ no contaminants noted. Installed new CH48109-1 filter and replenished w/ 11 Qts. Phillips xc20W50.
- Ground run-up completed; Ops check good.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired / inspected IAW current FAA Regulations for return to service.

Signed:  AP28508001A
Justin Kuipers AP2850800 IA

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

Elite Aircraft Services

501 W. Hangar St. Sioux Falls SD

605-809-5304

DATE	MAKE/MODEL	TACH/HOBBS	Eng. TT	REGISTRATION	ENG.SERIAL NUMBER
11-5-2020	IO550B39B	951.4	951.4	N838EB	688610

- C/W Annual – 100Hr. Inspection
- Compressions as follows: #1. 72/80, #2 70/80, #3 74/80, #4 72/80 #5 74/80 #6 74/80.
- Cleaned, gapped, inspected & rotated spark plugs.
- Installed new spark plug gaskets M674.
- A.D. listing updated this date.
- Drained oil, cut open and inspected oil filter w/ no contaminants noted. Installed new CH48109-1 filter and replenished w/ 11 Qts. Phillips xc20W50.
- Ground run-up completed; Ops check good.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired / inspected IAW current FAA Regulations for return to service.

Signed: _____

Jared Osmus AP3424572IA



P.O. BOX 219
200 HARDY ROBERTS DR.
WEST PADUCAH, KY 42086

PH(270)744-8600
FAX(270)744-3466
www.midwest-aviation.com

N838EB
DATE:08/24/2021
TACH/HOBBS:980.3
ENGTT:980.3
SMOH:

C/W Annual Inspection per FAR 43 Appendix D and using Beechcraft G36 Bonanza maintenance manual checklist as a guide. Compressions: #1 57/80 #2 57/80 #3 62/80 #4 69/80 #5 70/80 #6 73/80. Master orifice: 46 psi. Compression test and cylinder borescope inspection done in accordance with TCM SB M84-15 Drained oil and removed oil filter. Cut open oil filter for inspection, no contamination noted. Installed new oil filter P/N CH48109-1 and serviced with Phillips 20w50 X/C. C/W TCM SB 09-4B Inspection of crankcase webbing, no cracks noted. Serviced fuel inlet screen. Cleaned fuel injectors and installed in proper cylinders. Cleaned and tested spark plugs. Checked for piston plug wear and for burnt valves during borescope inspection. No defects noted. CSB97-10A does not apply to this engine. Verified both muffler flame cones are in good condition. Checked and adjusted magneto timing to 22 degrees using digital timer indicator. 500 HR magneto inspection due @ HOBBS: 1240.4. Performed fuel system calibration / A/W SID 97-3E and TCM overhaul manual Ch. 6-3.7.1 Engine Operating Limits table 6-3 Verified that fuel system is reading in its correct range @ 26.3 GPH and not setting off warnings on PFD. Washed and ground ran engine, no leaks noted. ADs updated thru ATP and FSIMS dated 2021-17.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under Shop Order 14932.

SIGNATURE _____

for CRS MW8R657W

AIR WILMINGTON

rd

Date: 12/12/2021; Aircraft: N838EB; Type: G36; S/N: E-3838; Hobbs: 1018.70; Tach:; Total Time:; LG Cycles:; Engine - Type: , S/N:; Time:; Prop - Type: , S/N:; Time:

ons,

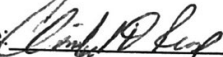
B

Removed LH Magneto, P/N 6310, S/N 07111779. Installed overhauled magneto P/N 6310, S/N 08052515 (REF 8130-3 Tracking #081028, dated 24 SEP 2021) Performed internal timing/clocking on magneto, Confirmed LH mag timing at 22 Degrees, and RH mag timing at 22 degrees. Performed operational check with no defects noted at this time. Work performed I.A.W. Continental Standard Practice MM 10-5.4 and 6 -4.9.

Removed starter TCM P/N 655566H(24V), S/N 07 116 0130. Installed overhauled heavy duty Hartzell-Energizer starter P/N ES646275-1R, S/N H-V111330. (Ref 8130-3 Tracking #H-V111330, dated 12 NOV 2021) Performed operational checks finding no further defects. All work performed IAW Continental IO 550 Standard Practice Maintenance manual Chapter 10 Rev dated 15 September 2019 and IO-550 Permold Maintenance and Overhaul manual 16-3 Rev. dated 15 October 2021.

Removed Starter adapter assembly P/N 642087, NSN. Installed overhauled starter adapter P/N 642087A69, S/N CAM21-147(REF 8130-3 tracking 21-147, dated 13 OCT 2021) . Performed operational checks finding no further defects. All work performed IAW Continental IO 550 Standard Practice Maintenance manual Chapter 10 Rev dated 15 September 2019 and IO-550 Permold Maintenance and Overhaul manual 16-3 Rev. dated 15 October 2021.

With respect to the work performed the engine is approved for return to service. Pertinent details are on file under the work order NRS-18386.

Name: Christopher Roop Signature:  Cert# A&P 3718220

Air Wilmington P.O. Box 1930, Wilmington, NC 28402 Phone: 910-763-2502

wo: WO_11244

Engine · page 1 of 1



D2 Government Solutions/Mx · 824 Aviation Drive · New Bern, NC 28562 · 2526369918

838EB

Hobbs: 1095.7

February 07, 2022

1. Drained oil and checked oil filter checked good. Installed new CH48109 filter.(supplied by owner).
2. Serviced with 10 qts 20W-50 Phillips oil (supplied by owner).
3. Serviced all gear struts IAW maintenance manual.

With respect to the work performed this engine is approved for service.

Ricky Hawkins A&P/IA A&P 3410247 IA 

wo: WO_11268

Airframe · page 1 of 1



D2 Government Solutions/Mx · 824 Aviation Drive · New Bern, NC 28562 · 2526369918

838EB

Beechcraft, G36, S/N: E-3838

February 17, 2022

Checked and cleaned connections at #1 and #2 alternators, checked all connections at current limiters and checks good. Run-up and ops checked good.

With respect to the work performed, this airplane is approved for return to service.

Ricky Hawkins A&P/IA A&P 3410247 IA 

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought

wo: WO_11642

Engine - page 1 of 1



D2 Government Solutions/Mx - 824 Aviation Drive - New Bern, NC 28562 - 2526369918

838EB

Hobbs: 1112.1

SINCE NEW (Hobbs):
1112.1

SINCE OVERHAUL
(Hobbs): 1112.1

September 09, 2022

1. Performed Annual Inspection on Powerplant IAW FAR 43 Appendix D.
2. Drained engine oil and inspected oil filter. No metal noted at this time.
3. Serviced engine with 10 quarts of oil and installed new oil filter.
4. Performed cylinder compression test: #1-66 #2-62 #3-66 #4-70 #5-72 #6-70.
5. Performed magneto timing test. Test checked good at this time.
6. Cleaned and gapped all spark plugs.
7. Tightened all rocker cover screws and intake clamps.
8. Installed and torqued all spark plugs.
9. Cleaned and installed all ignition leads.
10. Cleaned and inspected engine inlet filter.
11. Washed engine with solvent.
12. Lubricated all engine controls.

I certify this engine and propeller has been inspected IAW an Annual Inspection and is determined to be in airworthy condition.

Ricky Hawkins IA 3410247

AEROCENTER
WILMINGTON

Aerocenter Wilmington
1501 Morris Rd
Wilmington, NC 28405







Date: 2/17/2023; Aircraft: N838EB; Type: A36 Bonanza; S/N: E-3838; Hobbs: 1172.60; Tach:: Total Time:: LG Cycles:: Engine - Type: IO550-B(39), S/N: 688610, Time:: Prop - Type: , S/N::, Time:

Performed engine oil and filter change. Ran engine, drained oil and removed filter. Cut open filter, spread filter media out, visually inspected and ran a magnet over the media. No metal particles found. Installed new filter P/N AA48109 and torqued to 17 ft. lbs and safetied. Serviced engine with 11 quarts of Phillips 20w50 X/C oil.

Performed Ground run: Operational and leak checked completed satisfactorily with no defects noted at this time. Verified oil quantity after run.

With respect to the work performed the engine is approved for return to service. Pertinent details are on file under the work order NRS23-1175.

Name: Brandon Jacob-Lee Koharik Signature: Cert# A&P4398862.
Aerocenter ILM 1830 Flightline Rd, Wilmington, NC 28405.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought F					
wo: WO_191			Engine · page 1 of 1		
 Azure Flight Support · 2409 sparta Hwy · Crossville , TN 38572 · 931-484-5278					
N838EB		CONT MOTOR, IO-550-B, S/N: 688610		May 30, 2023	
TACH: 1191.6					
Removed oil filter, cut open and inspected for wear metals, none found. Installed new oil filter. Ground run for ops check. Installed P/N AA48109 - 109 oil filter.					
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Azure Flight Support under work order: WO_191.					
Brenton Cunningham A&P 4537300					
wo: WO_212			Engine · page 1 of 1		
 Azure Flight Support · 2409 sparta Hwy · Crossville , TN 38572 · 931-484-5278					
N838EB		CONTINENTAL, IO-550-B(39), S/N: 688610		July 21, 2023	
TACH: 1211.0					
1. Install AC belt – Installed new AC belt Installed P/N 646293-34.00 - TCM v belt. 2. Install new Tanis engine preheat kit – Installed STC SE03309CH Tanis heater kit IAW manufactures instructions. 337 form sent to FAA. Installed P/N TSP6CYL-2927-115 - Tanis 6 cylinder engine heater kit.					
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Azure Flight Support under work order: WO_212.					
Brenton Cunningham A&P 4537300					
wo: WO_260			Engine · page 1 of 1		
 Azure Flight Support · 2409 sparta Hwy · Crossville , TN 38572 · 931-484-5278					
N838EB		CONTINENTAL, IO-550-B(39), S/N: 688610		September 14, 2023	
TACH: 1230.2					
1. Annual inspection – Drained engine oil, removed oil filter. Cut open filter to check for wear metals, none found. Serviced engine with oil and installed new oil filter. Checked cylinder compressions, readings as followed 1(70/80) - 2(70/80) - 3(79/80) - 4(78/80) - 5(78/80) - 6(79/80). AD'S current/ complied with per IA Approach through September 15, 2023. I certify this ENGINE has been inspected IAW an Annual Inspection and is found to be in airworthy condition. Installed (12) P/N 08-05301 - Phillips 66 X/C 20W50 Oil, Installed P/N AA48109 - 109 oil filter. 2. Oil quick drain missing piece – Removed old quick drain and replaced with a new oil drain unit. Installed P/N F62 - SAF-AIR oil drain valve 5/18-18.					
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Azure Flight Support under work order: WO_260.					
James Riggle IA 3498917					



Azure Flight Support · 2409 sparta Hwy · Crossville , TN 38572 · 931-484-5278

Record
inspections,

Brought

N838EB
TACH: 1295.3

CONTINENTAL, IO-550-B(39), S/N: 688610

May 27, 2024

1. **Oil Change** – Performed engine run to get the oil hot. Drained engine oil and removed oil filter. Cut open filter to inspect for wear metals, no issues found. Installed new oil filter. Serviced engine with oil. Ran engine to perform leak check, no leaks found. Installed (12) P/N 1045457 - Phillips 66 X/C 20W50 Oil, Installed P/N AA48109 - 109 oil filter.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Azure Flight Support under work order: WO_439.

Brenton Cunningham A&P 4537300