

N1437A

ENGINE LOG BOOK



Publication ELB-01

NOV 2013



Service Information

Consult the Continental Motors web site at continentalmotors.aero for engine related news or announcements. Continental Motors Internet Service contains useful information for Continental Motors engine owners, including electronic versions of the most current engine Instructions for Continued Airworthiness and service documents that may be pertinent to your engine model.


If Internet access is not available, contact our Customer Service Department at: 1-888-826-5465 Toll Free in the United States or 1-251-436-6296 International

Engine Returns

Return engines for core credit with this log book to:
Continental Motors, Inc.
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:
Continental Motors, Inc.
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**





Continental Motors
FAA PRODUCTION CERTIFICATE NO. 508
Printed: 01/22/2016
Test Date: 21/2016

This engine model 10320BB10B, serial number 1031886 was rebuilt by Continental Motors Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21 and 43 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Continental Motors Service Bulletins.

Justin Maiz
CONTINENTAL MOTORS, INC.

Form 4012-04 (Rev. 06/03)

| Date | Total Time | | Time Since Last Overhaul | | Engine Service and Maintenance Record |
|------|------------|-----|--------------------------|-----|--|
| | Hours | Min | Hours | Min | |
| | | | | |  <p>KPMP Pompano Beach, FL N1437A - Beechcraft Bonanza A/C Model Number: V35A A/C Serial Number: D-9013</p> <p>Tel: 954-364-3650 Mar. 11th 2016 Tach: 4000.04 hrs ETT: 0.00 hrs</p> <p>ENGINE LOG BOOK ENTRY - Page 1 of 1.</p> <p>ENGINE: Removed Continental engine (M/N: 10-520-BA, S/N: 232373R) due to bird strike. Sent damaged engine to Continental Motors. Installed factory remanufactured Continental engine (M/N: 10-520-BB10B, S/N: 1031886). All engine accessories are factory new, excepting the vacuum pump. Reinstalled Tempest vacuum pump (P/N: AA242CW, S/N: NS186A) from old engine onto factory remanufactured engine. Installed four new Barry motor mounts (P/N: 07351231-3) with new AN mounting hardware. Reinstalled existing engine fluid carrying hoses after flush. Install new Tempest #AA448 109 oil filter and service engine with 11 qts. of AeroShell 100 mineral oil. Installed overhauled McCauley propeller (M/N: ZC39Z23-PEG, S/N: 661463). Adjusted engine fuel system, idle RPM, and mixture in accordance with Continental service information directive #97-3G (Rev. G), revised 10/21/2015. Performed power run up and all systems found operating within normal parameters. No leaks found at this time. (END)</p> <p>Maintenance Release: This engine is approved for return to service at this time, with regard to the work above.</p> <p><i>Justin Maiz</i> Justin Maiz, A&P/IA #3014065</p> |
| | | | | |  <p>KPMP Pompano Beach, FL N1437A - Beechcraft Bonanza A/C Model Number: V35A A/C Serial Number: D-9013</p> <p>Tel: 954-364-3650 April 15th 2016 Tach: 4075.26 hrs Engine TTDN: 14.42 hrs</p> <p>ENGINE LOG BOOK ENTRY - Page 1 of 1.</p> <p>ENGINE: Performed annual inspection in accordance with FAR 43.13(d). Drained engine oil. Removed and cut open oil filter for inspection. No contamination found. Installed and safety wired new Tempest #AA448109 oil filter and serviced engine with 11 qts. of AeroShell 100 mineral oil and 1/4 pint of Castrol oil additive. Removed, cleaned, inspected and gapped spark plugs. Engine run up, leak check and operations check good at this time. (END)</p> <p>Maintenance Release: This engine has undergone an annual inspection in accordance with the manufacturer's maintenance and inspection procedures and FAR 43.13(d) and is approved for return to service at this time.</p> <p><i>Justin Maiz</i> Justin Maiz, A&P/IA #3014065</p> |



| Date | Total Time | | Time Since Last Overhaul | | Engine Service and Maintenance Record |
|------|------------|-----|--------------------------|-----|---------------------------------------|
| | Hours | Min | Hours | Min | |

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Cat



KPMP Pompano Beach, FL
N1437A - Beech Bonanza
A/C Model Number: V35A
A/C Serial Number: D-9013
Engine Model Number: IO-520-BB108
Engine Serial Number: 1031886

Tel: 954-364-3650
August 18th 2016
Tech: 4,112.28 hrs.
Eng. TTSN: 51.44 hrs

ENGINE LOG BOOK ENTRY (Page 1 of 1)

Performed oil and filter change. Drained engine oil and removed oil filter. Cut open and inspected filter. No contaminants found. Installed and safety wired new Tempest #AA48109 oil filter. Serviced engine with 13 qt. of Aeroshell W100 Plus aviation engine oil. Performed engine run up. Ops check and leak check - good.

Removed STD'd "GAMIjector" fuel injectors from Continental engine (MN: IO-520-BA; S/N: 232373R). Cleaned, inspected and reinstalled STD'd "GAMIjector" fuel injectors and injector tags into factory remanufactured Continental engine (MN: IO-520-BB108; S/N: 1031886). Performed engine run up and flow test. Ops check and leak check - good.

MAINTENANCE RELEASE

I certify that the work performed on this ENGINE, as outlined above, was done so in accordance with the manufacturer's maintenance manual.

Edward S. Sorrell, A&P 3472028



KPMP Pompano Beach, FL
N1437A - Beech bonanza
Aircraft Model Number: V35A
Aircraft Serial Number: D-9013
Engine Model Number: IO-520-BB108
Engine Serial Number: 1031886
Engine TCDS: E5CE, Rev. 26

Tel: 954-364-3650
April 19th 2017
Tech: 4,165.74 hrs
AFTT: 4,165.74 hrs
Eng. TTSN: 104.9 hrs

ENGINE LOG BOOK ENTRY (Page 1 of 1)

- Performed Annual Inspection in accordance with 14 CFR Part 43, Appendix D.
- Cylinder compression check results: #1=77/80, #2=78/80, #3=79/80, #4=78/80, #5=78/80, #6=77/80
- Cylinder compression check results: #1=77/80, #2=78/80, #3=79/80, #4=78/80, #5=78/80, #6=77/80
- Performed oil and filter change. Drained existing engine oil and removed existing oil filter. Cut open and inspected oil filter. No metal contamination found. Installed new Tempest #AA48109-2 oil filter. Torqued oil filter to 17.0 ft/lbs. and safety wired in place with 0.032" SS safety wire. Serviced engine with 12 quarts of Aeroshell W100 Plus aviation engine oil.
- Removed, inspected and reinstalled Donaldson air induction filter (P/N: P10-5304)
- Removed, cleaned, inspected, reappaired, tested and reinstalled (12) Tempest #URHB-32E spark plugs, using new Champion #M674 18mm copper gaskets.
- Removed, cleaned, inspected, reappaired, tested and reinstalled (12) Tempest #URHB-32E spark plugs, using new Champion #M674 18mm copper gaskets.
- Removed left side exhaust header due to cracked cylinder #6 exhaust flange. Sent to FAA CRS #06SR742J for repair and welding. Received and reinstalled repaired exhaust header using (1) new exhaust gaskets (P/N: 652458), new washers (P/N: AN960-416) and high-temp exhaust lock nuts (P/N: MS20500-428).
- Compliance of all AD's verified through T-Data AD cycle 2017-08.
- A printed and signed copy of the AD Compliance Report was given to the aircraft owner/pilot.
- Performed post inspection engine run. All operations normal. No leaks nor defects noted at this time.

MAINTENANCE RELEASE

I certify that this ENGINE has been inspected in accordance with an Annual Inspection as per 14 CFR Part 43, Appendix D. It has been determined to be in airworthy condition and is approved for return to service at this time.

David J. Fogarty, A&P-3472028

| Date | Total Time | | Time Since Last Overhaul | | Engine Service and Maintenance Record |
|------|------------|-----|--------------------------|-----|---------------------------------------|
| | Hours | Min | Hours | Min | |

Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

2018

Carried forward

TACH

April 5 199 03 4859 87

Checked oil (shall I pour out) and filter, opened old filter, no abnormal findings. Compression as follows: #1 77/80 #2 78/80 #3 79/80 #4 78/80 #5 78/80 #6 77/80. Calibrated engine and 43. Cleaned gaskets and tested all spark plugs corrected installation of exhaust man + 2 to 2. Cylinder cleaned inlet air filter. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition. William Ryle TALS 5413



ENGINE

LOGBOOK ENTRY

Date: 07/10/2018
Work Order: 2018/1369

| MODEL/COMING | S/N | TSMO | T.A.C | AIRCRAFT NUMBER |
|--------------|---------|--------|---------|-----------------|
| IO-520-BB108 | 1031886 | 232.48 | 4293.33 | N1437A |

Performed oil change, engine serviced with 12 quarts of oil Exxon-Elite. Replaced oil filter, installed new oil filter P/N CH48109-1. Leak check good.

All work was performed in accordance with federal aviation regulations and manufacturer maintenance manual and is in conitment for safe operation for the work performed.

Billy Kevin P.A.A. A/P 3831167
AEROMOBIL LLC

AEROMOBIL LLC
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Fort Lauderdale - FL 33309 - USA
Phone: +1 (754) 444 0141
E-mail: aeromobi@aeromobil-usa.com
www.aeromobil-usa.com

Jan/18/19 4325 25

Performed oil change serviced with Exxon-Elite 50-50. Replaced oil filter P/N CH48109-1. Leak check good.

All work performed in accordance with FAR and manufacturer maintenance manual. AP 3831167 BILLY KEVIN

| Date | Total Time | | Time Since Last Overhaul | | Engine Service and Maintenance Record |
|------|------------|-----|--------------------------|-----|---------------------------------------|
| | Hours | Min | Hours | Min | |

Carried forward →



KPMP Pompano Beach, FL
N1437A - Beech Bonanza
Aircraft Model Number: V35A
Aircraft Serial Number: D-9013
Engine Model Number: IO-520-BB10B
Engine Serial Number: 1031686
Engine TCDS: ESCE, Rev. 26

Tel: 954-364-3650
April 19th 2019
Tach: 4,335.63 hrs.
AFTT: 4,335.63 hrs.
Eng. TTSMOH: N/A
Eng. TTSM: 274.79 hrs.

ENGINE LOG BOOK ENTRY (Page 1 of 1)

- Performed Annual Inspection in accordance with 14 CFR Part 43, Appendix D.
- Cylinder compression results (engine hot) #1=74/80, #2=68/80, #3=69/80, #4=74/80, #5=74/80, #6=73/80
- Oil & filter change due at this time. Removed, cut open and inspected existing oil filter. No metal contamination found. Installed new Tempest #AA48109-2 oil filter. Torqued oil filter to 17.0 ft/lbs. and secured in place with 0.032" SS safety wire.
- Removed, cleaned, inspected, and gapped (12) Tempest spark plugs (P/N: #URHB32E). Reinstalled using (12) new Champion 18mm copper gaskets (P/N: M-674).
- Verified magneto timing in accordance with engine type certificate data sheet.
- Installed factory new Donaldson induction air filter (P/N: P10-5304).
- Installed factory new Rapco inline vacuum filter (P/N: RA2J4-7) and factory new Rapco vacuum regulator filter (P/N: RA-B3-5-1).
- Performed post-inspection engine run up. All operations normal. No defects noted.
- Verified compliance of all ENGINE AD's through T-Data AD cycle #2019-08.
- A signed and printed copy of the AD Compliance Report was provided to the aircraft owner/agent.

MAINTENANCE RELEASE

I certify that this ENGINE has been inspected in accordance with an Annual Inspection per 14 CFR Part 43, Appendix D. It has been determined to be in airworthy condition and is approved for return to service at this time.

Agustin Maiz
Agustin Maiz, A&P-IA #3014065

08-26-2019 4366 58

Oil and Filter change performed
oil filter installed CH48109-1
serviced with 12 quarts of aerostello1100
cut and inspected filter check good
No leaks

All work performed in accordance
with Engine maintenance manual and
IS in condition for safe operation

Billy Kevin Costa
AP 3831167
Billy Kevin Costa

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| Date | Total Time | | Time Since Last Overhaul | | Engine Service and Maintenance Record |
|------|------------|-----|--------------------------|-----|---------------------------------------|
| | Hours | Min | Hours | Min | |

Carried forward →



N1437A
Tach: 4422.37

TCM, IO-520-BB10B, S/N: 1031886
TSN: 364.53

April 2, 2020

- Performed Annual Inspection in accordance with 14 CFR Part 43, Appendix D and found to be in Airworthiness conditions. Performed post-inspection engine run up. All operations normal. No defects noted.
- Verified compliance of all remaining ENGINE AD's through T-Data AD cycle No. 2020-06. A signed and printed copy of the AD Compliance Report was provided to the aircraft owner/agent.
- Cleaned and inspected Donaldson induction air filter (P/N: P10-5304).
- Cylinder compression results (engine hot): #1=74/80, #2=74/80, #3=74/80, #4=73/80, #5=73/80, #6=71/80.
- Oil & filter change. Removed, cut open and inspected existing oil filter. No metal contamination found. Installed new Tempest #AA48109-2 oil filter. Torqued oil filter to 17.0 ft/lbs. and secured in place with 0.032" SS safety wire. Serviced engine with 12 Qts of Aerostell W100 plus. Sent a oil sample to Bakstone for analysis.
- Installed new (12) Tempest spark plugs (P/N: #URHB32E). Reinstalled using (12) new Champion 18mm copper gaskets (P/N: M-674).
- Verified magneto timing in accordance with engine type certificate data sheet.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with South Florida Aircraft Maintenance Group LLC under work order: 2040.

Agustin Maiz IA, #3014065 *Agustin Maiz*



701 NE 16th St, Hangar 7
Pompano Beach FL, 33060
Tel: 787-434-0433 email: aviation@gmail.com

| Reg # | N1437A | Make | Beech | Model | V35A | S/N | D-9013 |
|-----------|-------------|---------|---------|-------|-----------|------|----------|
| Eng Model | IO520-BB10B | Eng S/N | 1031886 | TCDS | ESCE R.26 | Date | 8/1/2021 |
| Tach | 4306.54 | ETT | 451.7 | ETSCH | N/A | W.D. | 1232 |

ENGINE LOG BOOK ENTRY (Page 1 of 1)

- Performed Annual Inspection in accordance with 14 CFR Part 43, Appendix D.
- Cylinder compression results (engine hot): #1=72/80, #2=72/80, #3=73/80, #4=73/80, #5=69/80, #6=67/80
- Warmed up the engine, drained oil, took a sample, and sent it to Black Stone Laboratory. Removed, cut open and inspected existing oil filter. No metal contamination found. Installed new Tempest #AA48109-2 oil filter. Torqued oil filter to 17.0 ft/lbs. and secured in place with 0.032" SS safety wire.
- Removed, cleaned, inspected, and gapped (12) Tempest spark plugs (P/N: #URHB32E). Reinstalled using (12) new Champion 18mm copper gaskets (P/N: M-674).
- Verified magneto timing in accordance with engine type certificate data sheet and found to be at 22 degrees BTDC. Next magneto 300 hours inspection due 8/27/2020.
- Cleaned and inspected Donaldson induction air filter (P/N: P10-5304).
- Installed factory new Rapco inline vacuum filter (P/N: RA2J4-7) and factory new Rapco vacuum regulator filter (P/N: RA-B3-5-1).
- Verified compliance of all ENGINE AD's through Zero Aviation cycle #2021-08.
- A signed and printed copy of the AD Compliance Report was provided to the aircraft owner/agent.
- Performed post-inspection engine run up and return to service test flight over Pompano Beach. All operations normal. No defects or leaks noted.

MAINTENANCE RELEASE

I certify that this ENGINE has been inspected in accordance with an Annual Inspection per 14 CFR Part 43, Appendix D. It has been determined to be in airworthy condition and is approved for return to service at this time. Details of work performed are on file with Zero Aviation LLC under W.D. 1252.

Agustin Maiz
Agustin Maiz, A&P-IA #3014065

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