

B/H

N333HE



The Standard

ENGINE LOG

ASA-3E-1

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/16/22	Hobbs	529.4	4	changed oil + Filter serviced with 10 qts ZOW50 Phillips XC and AA48108 Filter run up Leak ck OK gas m. AP4418988
2/9/23		543.1		removed oil pressure regulator cleaned gage and seat reassembled with new crush washer + saftied reassembled Leak ck OK gas m. AP4418988

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
06/20	580.2	TSMolt:	311.5	performed an Annual Insp IAW FAR 43 App D using Baron Insp checklist as a guide. Lapped + Staked Exh valves Cyls #1, 2, + 3. Replaced oil filter (AA48108-2) + serviced w/ 10 qts phillips xozow50. pulled SOAP sample R+R Eng Air filter (BA6205). Clw AD 91-15-20 by insp of Eng mounts. All ADs Clw no new ADs found.

COMPRESSION					
1	2	3	4	5	6
12.80	52.80	66.80	58.80	46.80	62.80

I Certify That This Engine Has Been Inspected In Accordance With A Annual Inspection And Was Determined To Be In Airworthy Condition. Time In Service: 580.2 Hobbs Date 06/20/2023
Signed [Signature] AP4630031 ZA

YEAR
20
DATE

Performance Air, Inc.



Pickens County (KLQK)

09/12/19	SMOH (L) 1041.3,(R) 234.0
A/CT T 2724.68	PSMOH (L) 554.1(R) 554.1
N333HE	Flight Hobbs: 50.7 Engine Hobbs:99.5

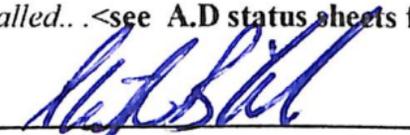
Inspected and serviced engine this date: 9/12/19 Teledyne IO-520 Service Manual .

Compression are as follows :#1 (62), #2 (64), #3 (60), #4 (54), #5 (64), #6 (68)

Serviced engine with (1) new AA 48108 and (10ts) Aeroshell 100, installed new airfilter BA6205, replaced #4 exhaust riser with (1) new 96-950002-7 and (1) new no-blow on# 628260.

C/W the following A.D's 16-16-12 Researched: no record of ECI cylinders installed.. <see A.D status sheets for further details >.

I certify that this engine has been inspected in accordance with an 100 hr. inspection and was determined to be in airworthy condition.


IA, A&P248679226

or

YEAR
20
DATE

S&S AVIATION

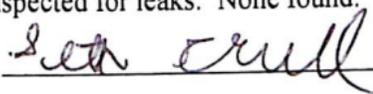


N333HE R Engine Logbook Entry

Make: TCM Model: IO-520 CB8B S/N 1011616
Hobbs: 101.5 SMOH: 284.8

The following was performed IAW The Beech B55 Maintenance Manual, the TCM Service Manual X-30574A applicable FAR's unless otherwise noted.

1. Drained oil and removed oil filter. Disassembled and inspected oil filter Sat. Installed and saftied new AA48108 filter. Serviced engine with 10 qts. Phillips 20W50. Ran engine and inspected for leaks. None found.

Signed  Cert. No. A&P4249748 Date 11 Dec, 2019

tions

mber of Technician or

YEAR
20
DATE

Performance Air, Inc.



Pickens Airport (KLQK)

05/31/19	IO-520CB8B
N333HE	Beechcraft E-55 sn# TE-1068
Engine Hobbs:43.0	Flight Hobbs:23.0

- 1) Drained oil and serviced with (10 qts) Phillips 20XC50 and (1) AA48108 oil filter . Checked for metal <none found!>

A/P248679226

or

YEAR
20
DATE

Performance Air, Inc.



Pickens Airport (KLQK)

07/26/19	IO-520CB8B
N333HE	Beechcraft E-55 sn# TE-1068
Engine Hobbs:75.6	Flight Hobbs:39.6

- 1) Troubleshoot (RH) engine oil leak
- 2) Found Governor accumulator rigid line was worn through.
- 3) Made a new rigid #6 line with new B-nuts and sleeves and applied a high temp wear sleeve.
- 4) Ran engine twice , no leaks found.

A/P248679226

or



435 Herndon Ave. • Orlando Florida 32803 • (407)-649-7828 Fax (407)-895-0024

IO-520-CB Tear-Down and Inspection 1011616

Tear-Down and inspection to replace alternator face drive gear and crankshaft. All engine parts cleaned and inspected by Willillamson Aircraft Inc. Crankshaft is stander rods and mains. New rod bearings SA642398, main bearings SA634503 and 653547, rod bolts 655958, rod nuts 654490, oil transfer collar 629680. New gaskets, seals, o'rings, snap rings as needed.

 3-29-2019 3557360
Tech Time **24.5** Total Time **2673.9** TSMOH **134.50**

YEAR
20
DATE

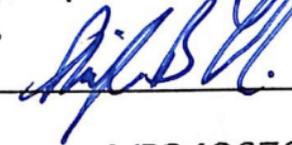
Performance Air, Inc.



Pickens Airport (KLQK)

04/30/19 SMOH: 134.50	IO-520CB8B sn# 1011616
N333HE	Beechcraft E-55 sn# TE-1068
Old hobbs:24.5	New Hobbs:0000.0

- 1) Reinstalled engine , serviced with (10qts) Aeroshell 100 mineral oil .
- 2) Installed (1) new overhauled alternator ALT-9522 , sn#H-T031390 <see w/o# M569970>, installed (1) new drive clutch assembly pn# 646655, sn# QAA049866 <see w/o# 049866>, new woodruff key MS35756-8,thrust washer pn# 630691, pin pn# AN381-3-16.
- 3) Ran engine and adjusted per TCM specs.



A/P248679226

YEAR
20
DATE

Performance Air, Inc.



Pickens Airport (KLQK)

01/11/19	N333HE
Hobbs: 0011.1	Beechcraft E-55 sn# TE-1068

1). Drained oil checked filter for metal <none found> and serviced with 10 qts Phillips 20XC50 and (1) AA48108.

A/P248679226

YEAR
20
DATE

Performance Air, Inc.



Pickens Airport (KLQK)

02/04/19	N333HE
Hobbs: 0024.5	Beechcraft E-55 sn# TE-1068
IO-520CB8B sn# 1011616	

Squawks:

- 1) (RH) engine alternator in/op : Pulled alternator and found drive coupling disengraged. Broken tooth on front crank accessory gear.
- 2) (RH) engine low oil psi at idle: Trash under psi relief valve. Pulled engine to send out for tear down inspection.

A/P248679226

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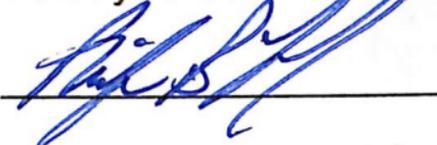
TOP FLIGHT AVIATION

08/2018 N333HE IO-520CB8 sn:1011616 Hobbs 2643.8 SMOH 110.0

Inspected and serviced this Engine IAW FAR43 Appendix D
 Cold Comp at 80 psi as follows 1/75-2/75 -3/78-4/78 -5/76- 6/78
 Changed oil & filter , ,cut open filter no contamination found. . Serviced engine with 11qrts
 Aeroshell 15w-50 and new filter PN-CH48108-1, Gapped cleaned and inspected spark plugs ,
 checked mags , timing ,and condition of harness, no defects noted ,installed new induction air filter
 PN:BA7505 replaced avionics filter with Rapco PN; RAD9-4-5 ,lubed engine controls and inspected
 for freedom and movement.,Cleaned engine and lubed all controls , Run up completed and
 no leaks were found . Ok return to service

I certify this Aircraft has been inspected in accordance with an annual and
 was determined to be in Airworthy Condition.

Signed 
 John Beckner A&P 3468797

YEAR 20 DATE	Performance Air, Inc. 	
	Pickens Airport (KLQK)	
	12/18/18	N333HE
	Hobbs: 0001.1	Beechcraft E-55 sn# TE-1068
	1) Checked fuel pressure and adjusted to Teledyne Continental IO-520 specs per SID97-3	
	 A/P248679226	

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Make: TCM Model: IO-520-CB s/n: 1011616 TT 63.7 Date: 10-22-15

1. Drained oil. Removed filter. Installed new CH48109-1 filter. Serviced engine with Aeroshell 15W50.

I certify that this engine has been repaired in a manner consistent with continued airworthiness and in accordance with a current FAR's and applicable manufacturers publications determined to be in a airworthy condition with respect to work performed and is approved for return to service.

 _____
Inspector / Authorized Signature

470341197 _____
License Number

10-22-15 _____
Date

Make: TCM Model: IO-520-CB TT 96.6 H.M. 512.4 Date: 03-11-16

1. Complied with annual inspection per FAR 43 appendix D. Used Beech 58 inspection checklist for reference.
2. Compressions: #1 73/80, #2 74/80, #3 77/80, #4 76/80, #5 78/80, #6 76/80.
3. Drained oil. Removed filter. Installed new CH48109-1. Serviced with Aeroshell 15W50.

MAINTENANCE RELEASE / RETURN TO SERVICE

I certify that the engine identified above was inspected in accordance with an annual inspection and was determined to be in airworthy condition and is approved for return to service.

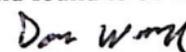
 _____
Inspector / Authorized Signature

470341197 PA _____
License Number

3-11-16 _____
Date

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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08/2017 N333HE IO-520CB8 sn:1011616 TSFR 96.8
As per the cutomers request I Performed a dial test using a dial indicator on engine, results were factory New specification of 0.000" Engine was compression checked at 80 psi all cylinders at 75 or above , oil was changed filter cut open and inspected no issues found , this engine is in excellent condition .
I Certify I have inspected this Engine in accordance with 100 hour inspection and found to be in airworhty condition . Ok return to service.


Dave Wilkins
AP3022006

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Make: TCM Model: IO-520-CB s/n: 1011616 TT 0.0 Date: 02-11-15

1. Complied with annual inspection per FAR 43 appendix D. Used Beech 58 inspection checklist for reference.
2. Installed engine in left position on Beech Baron 58 s/n TH985 N358CB.
3. Serviced engine with Aeroshell 100 mineral oil.
4. Installed propeller governor Model B210710 s/n 1996279R/U after overhaul.
5. Installed new governor control arm p/n 35-944051-13.
6. Installed new J10778-16 shock mounts.
7. Replaced all flex hoses with new.
8. Repaired engine baffling as needed.
9. Replaced baffle seal with new.
10. Removed Continental fuel nozzles.
11. Installed General Aviation Modifications Inc GAMlinjectors kit No GAD13AA s/n 20435.
12. All work done in accordance with STC SE09217SC and GAMlinjectors installation procedure no IP-96-001.
13. Filed 337 this date.

MAINTENANCE RELEASE / RETURN TO SERVICE

I certify that the engine identified above was inspected in accordance with an annual inspection and was determined to be in airworthy condition and is approved for return to service.

[Signature]

[Signature]

2-11-15

YEAR 20____ DATE	REPAIR STATION #S6PR302X	Technician or
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SOUTH COAST PROPELLER SERVICE, INC.
5750 DUROSE DRIVE, BESSEMER, AL 35022
205-426-7022
REPAIR STATION #S6PR302X

GOVERNOR DISASSEMBLED, CLEANED AND INSPECTED. MAJOR OVERHAULED. MAGNAFLUXED PARTS AS REQUIRED, REASSEMBLED AND TESTED TO MANUFACTURER'S SPECIFICATIONS.

WORK ORDER # SR-9999
MODEL # B210710
SERIAL # 1996279R/U
DATE 01/12/2015

[Signature]
JAMES M. GAITHER,
GENERAL MANAGER.

Make: TCM Model: IO-520-CB s/n: 1011616 TT 21.6 Date: 06-04-15

1. Drained oil. Removed filter. Installed new CH48109-1 filter. Serviced engine with Aeroshell 100 mineral oil.
I certify that this engine has been repaired in a manner consistent with continued airworthiness and in accordance with a current FAR's and applicable manufacturers publications determined to be in a airworthy condition with respect to work performed and is approved for return to service.

[Signature]
Inspector / Authorized Signature

473141153
License Number

6-4-15
Date



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

Printed:01/17/2015

Test Date01/16/2015

This engine model I0520CB8B, serial number 1011616 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.

Thomas Howard

CONTINENTAL MOTORS, INC.

Form 6012-04 (Rev Sept 2014)

Notes

Right SIDE

Engine Record General Information

Manufacturer Continental Model IO 520CB8B

Serial 1011616 Type Certificate _____

This engine is currently installed in aircraft: N-333HE SN TE-1068

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

