

L/H

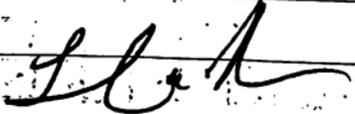
N-338HE



The Standard

ENGINE LOG

ASA-SE-1

YEAR 20 <u>23</u> 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.)
09/03/23	629.0	TSMOH	1576.4	Retorqued cylinder #1, #3, #5 valve cover screws I.A.W Continental S.B.96-7C. Leak check ok. Russel Stafford AEP4275551 Russel Stafford 09/03/2023
1-5-24	635.7			CHANGED OIL AND FILTER. SERVICE W/ID QTS FOLLOWUP XC, LEAK CK OK  3595343AP

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				<div data-bbox="844 274 1088 512" style="text-align: center;">  </div> <p data-bbox="431 528 1557 585">Date: 5-12-22 N# N333HE Hobbs: 429.8</p> <p data-bbox="375 621 1557 725">Drained and changed oil using Aeroshell W100 and a Tempest filter, ran up and leak check good.</p> <p data-bbox="375 683 1557 859">Scotty Hall <u>Scotty Hall</u> AP 2722407</p>



SMOH: 1422.9

Date: 7-18-22 N# N333HE Hobbs: 481.1 ACTT: 3130.5 LE

Drained and changes oil using Aeroshell W100 and a Champion filter.
 Removed all spark plugs cleaned and gapped and performed a compression test. Removed #2 cylinder due to crack at exhaust port and replaced with a overhauled unit part# 658175(see 8130). Checked and lubed all engine controis. Replaced pushrod tube seals due to leaking on cylinders 2,3,4,5. Replaced oil quick drain due to leaking. Checked and complied with all AD's to date. I certify that this engine was inspected IAW a 100 hour ^{Annual} inspection and found to be in a condition for safe flight.

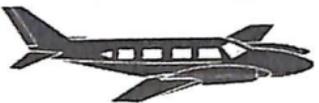
1)76 2)80 3)64 4)60 5)58 6)76

Scotty Hall Scotty Hall IA 2722407

hnician or

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 (74), #2 (64), #3 (70), #4 (72), #5 (70), #6 (72)

Serviced engine with (1) new AA 48108 and (10ts) Phillips 20XC50, installed new airfilter BA6205, repaired breather tube, replaced several scat ducts.

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.

I/A,A&P248679226

YEAR
20
DATE



N333HE L Engine Logbook Entry

Make: TCM Model: IO-520CB8B S/N 282381-R
Hobbs: 101.5 SMOH: 1092.1

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 20XC50. Ran engine and inspected for leaks. None found.

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

ions
nber of Technician or

YEAR
20
DATE

Performance Air, Inc.



Pickens Airport (KLQK)

04/30/19 SMOH: 966.30	IO-520CB8B sn# 282381-R
N333HE TAFI: 2673.9 Old hobbs: 24.5	Beechcraft E-55 sn# TE-1068 New Hobbs: 0000.0

- 1) Pulled alternator ALT-9522 , and installed (1) new drive clutch assembly pn# 646655, sn# QAA047089<see w/o# 047089>, new woodruff key MS35756-8, thrust washer pn# 630691, pin pn# AN381-3-16.
- 2) Installed (1) new CHT probe pn# MS24482-1

[Signature]

A/P248679226

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!>

[Signature]

A/P248679226

or

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. Adjusted throttle control to equal out control split.

A/P248679226

OR

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. Replaced Tach Generator with same make and model EM8000 overhauled by Quality Aircraft Accessory, sn# 1055. <see w/o# 054615>

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.)
------------------------	---------------------------	-------------------	-----------------------------	---



N333HE October 18, 2017 Hobbs: 2630.6 SMOH: 932.8

1. Installed fuel and oil hose kit from Precision Hose Technology.
2. Performed differential compression check, all cylinders 65/80 or better.
3. Replaced induction air filter, P/N Brackett BA6205.
4. Changed oil and filter, Tempest P/N AA48109, filled with 12 quarts Phillips 66 X/C W100.
5. Replaced engine mounts, Lord P/N J-10778-16.
6. Cleaned fuel injectors.

I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition. Airworthiness Directives are listed in the AD Compliance Report.


Scott Gerken
3211721 A&P/IA

YEAR 20____ DATE	Description of Inspections, Tests, Repairs and Alterations			an or
------------------------	--	--	--	-------

TOP FLIGHT AVIATION

08/2018 N333HE IO-520CB8 sn:282381-R Hobbs 2643.8 SMOH 941.8

Inspected and serviced this Engine LAW FAR43 Appendix D
Cold Comp at 80 psi as follows 1/70-2/71 -3/72-4/76-5/74- 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	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.)
--------------------	---------------------------	-------------------	-----------------------------	---

SEPT 2010 N333HE IO-520cb sn:282381-R Hobbs 2617.8 SMOH 920.0

Inspected and serviced this Engine as per Annual inspection
 compressions at 80 psi as follows 1/75 2/68 3/70 4/68 5/77 6/75
 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 that I have inspected this engine in accordance with a 100 hour inspection and found to be
 in Airworthy Condition

Ken Whitford AP266852622



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.)
--------------------	---------------------------	-------------------	-----------------------------	---

SEPT 2011 N333HE IO-520cb sn:282381-R Hobbs 2622.0 SMOH 925.4

Inspected and serviced this Engine as per Annual inspection
 compressions at 80 psi as follows 1/75 2/68 3/70 4/68 5/77 6/75
 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 that I have inspected this engine in accordance with a 100 hour inspection and found to be
 in Airworthy Condition

Ken Whitford AP266852622



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.)
--------------------	---------------------------	-------------------	-----------------------------	---

SEPT 2008 N333HE IO-520cb sn:282381-R Hobbs 2573.9 SMOH 876.1

Inspected and serviced this Engine as per Annual inspection
 compressions at 80 psi as follows 1/75 2/68 3/70 4/68 5/77 6/75
 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 inspectedfor freedom and movement. , ,Cleaned engine and lubed all controls
 , Run up completed and no leaks were found . Ok return to service

I certify that I have inspected this engine in accordance with a 100 hour inspection and fond to be
 in Airworthy Condition

Ken Whitford AP266852622 *Ken Whitford*

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.)
--------------------	---------------------------	-------------------	-----------------------------	---

SEPT 2009 N333HE IO-520cb sn:282381-R Hobbs 2602.1 SMOH 904.3

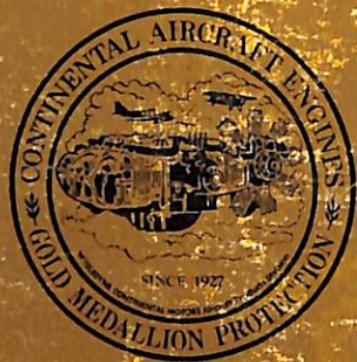
Inspected and serviced this Engine as per Annual inspection
 compressions at 80 psi as follows 1/72 2/68 3/71 4/68 5/75 6/75
 Changed oil & filter , ,cut open filter no contamination found. . Serviced engine with 11qrts
 Aeroshell 15w-50 and new filter PN-CH48108-1, Gapped cleaned and inspected spark 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 inspectedfor freedom and movement. , ,Cleaned engine and lubed all controls
 , Run up completed and no leaks were found . Ok return to service

I certify that I have inspected this engine in accordance with a 100 hour inspection and fond to be
 in Airworthy Condition

Ken Whitford AP266852622 *Ken Whitford*

LEFT
N-333HE

 TELEDYNE CONTINENTAL



**Gold
Medallion
Aircraft
Engine**

REBUILT ENGINE LOG

LEFT N-333HE

AIRCRAFT N NUMBER

IO 520 CB (8)

ENGINE MODEL NUMBER

282381 R

ENGINE SERIAL NUMBER

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2007 9-12-7											DRAINED OIL INSTALLED NEW OIL FILTER PN 48109 - NO METAL FOUND SERVICED 12 QTS AEROSHELL 100 - INSTALLED NEW OVERTHAULED OF TAIL PIPE P/N 93-950002-05 REMOVED AND REINSTALLED RT FWD CYLINDER POT VALVE REPAIR BY GRAM ENGINE SERVICE CLEANED GAPPED TESTED ALL SPARK PLUGS SET IGNITION TIMING. IMPULSE COUPLING INSPECTION DUE 2639. Hobbs / 500 hour INSPECTION DUE 2639. Hobbs NEW AIR INDUCTION FILTER INSTALLED. AD 95-03-14 ENGINE MOUNT INSPECTION P/C/W BY INSTALLATION OF NEW MOUNT. AD 2004-08-10 NA - NOT INSTALLED. PERFORMED ENGINE RUN UP OPERATION CHECK NO OIL OR FUEL LEAKS NOTED.		
	Hobbs	2541.4											
	SMOH	853.6											
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											(ANNUAL CONTINUED)		
											DIFF/COMP CHECK AS FOLLOWS		
											#1 75/80 #2 65/80		
											#3 67/80 #4 67/80		
											#5 76/80 #6 72/80		
2008											I CERTIFY THIS ENGINE HAS BEEN INSPECTED EAW AN ANNUAL INSPECTION AS PER Beech MM AND IS AIRWORTHY AS OF this date.	J. W. AP 1786035 JA	

2008 N333HE IO-520cb sn:282381-R Hobbs 2563.9 SMOH 866.1

drained oil installed new oil filter PN 48109 champion
serviced with 11 quarts of 15w/50 Aero shell
Run Up engines checked for leaks No leaks found
return to service
J W AP 1786035

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Date: 6/19/2006, Aircraft: N333HE Type: BEECH E55 BARON, S/N: TE 068, Hobbs: 2453.9, Total Time: 2453.9, Engine 1 Type: TCM IO-520-CB(8), S/N: 282381 R, Time: 788.4, Prop Type: BHC-C2YF-2CHUF, S/N: AN2034, Time: 314.4, Engine 2 Type: TCM IO-520-C7, S/N: 240370 R, Time: 1612.6, Prop Type: BHC-C2YE-2CHUF, S/N: AN6178E, Time: 314.4 COMPLETED ANNUAL INSPECTION CHECK LIST THIS DATE ON THIS LEFT AIRCRAFT ENGINE. OPENED THE COWLING AND WASHED THE ENGINE DOWN WITH SOLVENT. DRAINED ALL OF THE OLD HOT OIL OUT OF THE SUMP. REMOVED THE OIL FILTER AND CUT OPEN, FOUND NO METAL CONTAMINATION INSIDE. FILLED THE ENGINE WITH AEROSHELL W100-50wt. OIL. INSTALLED A NEW CH48108-1 FILTER. COMPRESSION ON THE LEFT ENGINE IS AS FOLLOWS: #1 78/80, #2 68/80, #3 76/80, #4 63/80, #5 64/80, #6 72/80. REPLACED THE INSTRUMENT INLET PNEUMATIC FILTER P/N D9-14-5. ALSO REPLACED THE COVER ON THE INLET FILTER P/N 58-910021-1. REMOVED FUEL INJECTOR NOZZLES, CLEANED WITH AN ULTRASONIC CLEANER AND REINSTALLED. REMOVED THE ORIGINAL BRACKETT AIR FILTER ELEMENT AND INSTALLED A NEW ELEMENT P/N BA-6205. INSPECTED THE BRACKETT AIR FILTER HOUSING FOR CONDITION AND FOUND IT TO BE IN GOOD CONDITION. STRAIGHTENED LEFT ENGINE BAFFLE AFT OF VACUUM FILTER AND STOP DRILLED SMALL CRACK. REPLACED BOTH FLEXIBLE FUEL LINES FROM THE FUEL INJECTOR TO THE DIVIDER AND THE LINE FROM THE FUEL DIVIDER TO THE FUEL GAGE LINE ON THE FIRE WALL. THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 6111. 6/16/2006 ROGER E. SMITH [Signature] UW4R585M CARTER AIRCRAFT, INC. FAA APPROVED REPAIR STATION, SEBRING FL.													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1-30-7											Installed new Cannon plug MS3106A-10SL on Tack Generator Horners	[Signature]	AP 1786035
3-2-7		Tack/Hobbs			2493.3						DRAINED OIL INSTALLED NEW ES48109 filters No metal found Serviced 10 pts Aeroshell W100 performed Run up No leaks noted	[Signature]	AP 1786035
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	Date: 4/20/2004, Aircraft: N333HE, Type: BEECH E55 BARON, S/N: TE1068, Hobbs: 2328.6, Total Time: 2328.6, Engine 1 Type: TCM IO-520-CB(8), S/N: 282381 R, Time: 663.1, Prop Type: BHC-C2YF-2CHUF, S/N: AN2034, Time: 189.1, Engine 2 Type: TCM IO-520-C7, S/N: 240370 R, Time: 1487.3, Prop Type: BHC-C2YF-2CHUF, S/N: AN6178E, Time: 189.1, Work Done At - DRAINED THE OIL OUT OF THE ENGINE AND FILLED THE ENGINE WITH 11 QUARTS OF AEROSHELL W100-50wt. OIL. THE FILTER WAS NOT REMOVED AT THIS TIME PER THE OPERATORS REQUEST. THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 5502.												
	4/20/2004 ROGER E. SMITH								UW4R585M		CARTER AIRCRAFT, INC. FAA APPROVED SEBRING FL		
	Date: 7/15/2004, Aircraft: N333HE, Type: BEECH E55 BARON, S/N: TE1068, Hobbs: 2357.3, Total Time: 2357.3, Engine 1 Type: TCM IO-520-CB(8), S/N: 282381 R, Time: 691.8, Prop Type: BHC-C2YF-2CHUF, S/N: AN2034, Time: 217.8, Engine 2 Type: TCM IO-520-C7, S/N: 240370 R, Time: 1516.0, Prop Type: BHC-C2YF-2CHUF, S/N: AN6178E, Time: 217.8. REMOVED THE LEFT COWLING AND WASHED THE ENGINE DOWN WITH SOLVENT. DRAINED ALL OF THE OLD HOT OIL OUT OF THE SUMP. REMOVED THE OIL FILTER AND CUT OPEN TO INSPECT THE ELEMENT FOR METAL CONTAMINATION. FOUND NO METAL CONTAMINATION INSIDE THE FILTER. CLOSED UP THE SUMP DRAIN, SECURED, AND FILLED THE ENGINE UP WITH AEROSHELL W100-50wt. OIL. INSTALLED A NEW CH48108-1 FILTER AND TEST RAN THE ENGINE TO CHECK FOR OIL LEAKAGE. FOUND NO LEAKS AT THIS TIME.												
	6/6/2005 ROGER E. SMITH								UW4R585M		CARTER AIRCRAFT, INC. FAA APPROVED REPAIR STATION SEBRING FL		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
	Date: 6/5/2005, Aircraft: N333HE, Type: BEECH E55 BARON, S/N: TE1068, Hobbs: 2406.0, Total Time: 2406.0, Engine 1 Type: TCM IO-520-CB(8), S/N: 282381 R, Time: 740.5, Prop Type: BHC-C2YF-2CHUF, S/N: AN2034, Time: 266.5, Engine 2 Type: TCM IO-520-C7, S/N: 240370 R, Time: 1564.7, Prop Type: BHC-C2YF-2CHUF, S/N: AN6178E, Time: 266.5. COMPLETED ANNUAL INSPECTION CHECK LIST THIS DATE ON THIS LEFT AIRCRAFT ENGINE. DRAINED ALL OF THE OLD OIL OUT OF THE ENGINE SUMP. REMOVED THE ENGINE OIL FILTER AND CUT OPEN. FOUND NO METAL CONTAMINATION IN THE ELEMENT. INSTALLED NEW FILTER P/N CH48108-1. FILLED ENGINE WITH AEROSHELL W100-50wt. AND TEST RAN. FOUND NO LEAKAGE EVIDENT AT THIS TIME. COMPRESSION IS AS FOLLOWS: #1 72/80, #2 70/80, #3 74/80, #4 73/80, #5 60/80, #6 74/80. ADJUSTED THE ENGINE IDLE SPEED. CLEANED ALL OF THE CIGARETTES AND VISUALLY INSPECTED THEM FOR SIGNS OF CARBON TRACKING. FOUND NO CARBON TRACKING AT THIS TIME. ADJUSTED THE ENGINE TO MAGNETO TIMING ON THE LEFT MAGNETO IN ACCORDANCE WITH THE ENGINE OVERHAUL MANUAL. CHECKED BOTH MAGNETOS DURING THE ENGINE RUN UP AND FOUND THAT BOTH MAGNETOS FUNCTION PROPERLY. REPOSITIONED THE CLAMP ON THE #2 INTAKE MANIFOLD COUPLER. THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 5787.												
	6/6/2005 ROGER E. SMITH								UW4R585M		CARTER AIRCRAFT, INC. FAA APPROVED REPAIR STATION SEBRING FL		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
4/11/03	2139.5		Remove magnetos and re-install after AD 96-12-07 compliance										

Date: 4/2/2003, Aircraft: N333HE, Type: BEECH E55 BARON, S/N: TE1068, Hobbs: 2223.0, Total Time: 2223.0, Engine 1 Type: TCM IO-520-CB(8), S/N: 282381 R, Time: 557.5, Prop Type: BHC-C2YF-2CHUF, S/N: AN2034, Time: 83.5, Engine 2 Type: TCM IO-520-C7, S/N: 240370 R, Time: 1381.7, Prop Type: BHC-C2YF-2CHUF, S/N: AN6178E, Time: 83.5 COMPLETED ANNUAL INSPECTION CHECK LIST THIS DATE ON THIS LEFT ENGINE. DRAINED ALL OF THE OLD HOT OIL OUT OF THE ENGINE SUMP. REMOVED THE OIL FILTER AND CUT OPEN TO INSPECT THE ELEMENT FOR METAL CONTAMINATION. FOUND NO METAL CONTAMINATION INSIDE THE FILTER. CLOSED UP THE SUMP DRAIN, SECURED, AND FILLED THE ENGINE UP WITH AEROSHELL W100-50wt PLUS OIL. INSTALLED A NEW CH48108 FILTER AND TEST RAN THE ENGINE TO CHECK FOR OIL LEAKAGE. FOUND NO LEAKS AT THIS TIME. COMPRESSION ON THE LEFT ENGINE IS AS FOLLOWS: #1 75/80, #2 71/80, #3 72/80, #4 73/80, #5 68/80, #6 72/80. AL OF THESE COMPRESSIONS ARE WITHIN ACCEPTABLE LIMITS PRESCRIBED BY THE ENGINE MANUFACTURER AND THE FAA. REPAIRED BROKEN ENGINE BAFFLE BRACKET ON THE #6 CYLINDER LEFT ENGINE.

THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 5220.

4/02/2003 ROGER E. SMITH *[Signature]* UW4R585M
 CARTER AIRCRAFT, INC. FAA APPROVED REPAIR STATION. SEBRING FL.

BROUGHT

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

Date: 7/31/2003, Aircraft: N333HE, Type: BEECH E55 BARON, S/N: TE1068, Hobbs: 2256.3, Total Time: 2256.3 WASHED THE LEFT ENGINE DOWN WITH SOLVENT. DRAINED ALL OF THE OLD HOT OIL OUT OF THE SUMP. REMOVED THE OIL FILTER AND CUT OPEN FOUND NO METAL CONTAMINATION INSIDE THE FILTER. FILLED THE ENGINE UP WITH AEROSHELL W100-50wt. OIL. INSTALLED A NEW CH48108 FILTER AND TEST RAN THE ENGINE TO CHECK FOR OIL LEAKAGE. FOUND NO LEAKS AT THIS TIME.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER 5318.

7/31/2003 ROGER E. SMITH *[Signature]* UW4R585M
 CARTER AIRCRAFT, INC. FAA APPROVED. SEBRING FL.

Log entry LH engine

Date: 9/3/2003, Aircraft: ENGINE
 N333HE Beech Baron
 Hobbs 2285.0

Both engines were uncowed and it was found that the right engine fuel manifold was leaking fuel. The manifold was removed and sent to Approved Aircraft Accessories Inc. for overhaul. w/o I27,728 sn#H205102RC The overhauled manifold valve was installed and the fuel systems on both engines were adjusted in accordance with TCM SID 97-3 and all parameters were found to be normal at this time.

JAMES BROD, JR. *[Signature]*
 595362616 IA *9/3/03*

BRC

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1998 9/97											Removed engine s/n 561089 & installed this engine on left side of N333HE. Cleaned & painted engine mount a/r. Replaced all flexible fuel lines. Modify baffles for 7th stud clearance. Cleaned & painted baffles as needed. Serviced with 12 qts. Shell 100 mineral oil, Runup & leak check ok.		
											Hobbs; 1745.1	John A. Bishop A/P 1885250	9/23/97
											SFRM 80.2		
12/30/97											DRAWN OIL + REPLACED FILTER. ADDED 12 QTS SHELL 100. CUT OPEN OIL FILTER FOR INSP. CKED OK.		
												John A. Bishop A/P 1885250	
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
12/18/98											CHANGE OIL + FILTER. ADDED 11 QTS SHELL 100. CUT OPEN OIL FILTER. CKED OK.		
											100 Hour inspection completed this date. Drained oil & replaced filter. Added 11 Qts. Shell 100W. Clean & regapped spark plugs a/r. Checked magneto timing a/r. Replaced outbd. exhaust stack gaskets. Removed alternator for repairs by K Aero Inc. Reinstalled. Ops. check ok. Cked. controls for travel & security. ADS checked thru issue 98-24.		
												John A. Bishop A/P 1885250	12/18/98
													Hours 208.6
BROUGHT FORWARD													
TOTALS													

STUART JET CENTER LTD.
2501 S.E. Aviation Rd.
Stuart, Florida 34996

100 Hour inspection completed this date. Drained oil & replaced filter. Added 11 Qts. Shell 100W. Clean & regapped spark plugs a/r. Checked magneto timing a/r. Replaced outbd. exhaust stack gaskets. Removed alternator for repairs by K Aero Inc. Reinstalled. Ops. check ok. Cked. controls for travel & security. ADS checked thru issue 98-24.

12/18/98 Hours 208.6
Certify that this Aircraft/Engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.

Hobbs; 1873.5 TSMOH: 208.6 12/18/98

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
3-5-94	Ho 665		METER = →						3051	3			
	SINCE		FACTORY REMAN = →						21	0			
	CHANGED		oil and FILTER:										
	SERVICED		with 11 qts. AEROSHELL										
			50W										
	INSTALLED		NEW Champion CH 48109										
			oil FILTER. DEGREASED ENGINE,										
			RUNUP & LEAK CHECK IS										
			SATISFACTORY.										
DATE 3-5-94	TACH. TIME		3051	3	T.T.	21	5	MIN (REMAN)					
I CERTIFY THAT THIS <u>50W</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>50W</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIG <u>Donald M. Miller</u>													
BROUGHT FORWARD <u>242744527 AT</u>													
TOTALS													

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
4-29-95	Hobbs		30	00		DRENCH OIL					REPLACED FILTER CH 48109		
			72	00		70	00				COMPRESSOR OK		
			70	00		70	00				Filled 11 qts Aero Shell		
			71	00		74	00				50 WT		
			75	00									
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100HR INSPECTION AND WAS DETERMINED TO BE AIRWORTHY <u>Donald M. Miller</u> 242744527 ID													
BROUGHT FORWARD													
TOTALS													

This engine model IO520CB8B, Serial No. 282381-R, was rebuilt/zero timed on 10/23/93 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS	SB	AD	REMARKS
M79-2	79-05-09	REPLACED WITH NEW PART	M92-13	N/A	REPLACED WITH NEW PART
M80-26	81-24-06	TORQUE CHECK	M92-14	N/A	VISUAL INSPECTION
M86-7	86-13-04	REPLACED WITH NEW PART	M93-9	93-16-15	PROPER SHAFT & COUPLING INSTALLED
M87-5	87-23-08	ULTRASONIC INSPECTION OF C/SHAFT	MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE
M88-4	88-03-06	REPLACED WITH NEW PARTS			
M90-21	N/A	ULTRASONIC INSPECTION OF BARREL			
M91-6	N/A	ULTRASONIC INSPECTION OF BARREL			
M91-7	N/A	ULTRASONIC INSPECTION OF BARREL			
N/A	91-19-03	REPLACED OIL FITLER			
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED			

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508

Walter Payne