

The Standard
ENGINE LOG

ASA-9F-2

Engine Record General Information

Manufacturer Continental

Model I O-346 A

Serial 100054-4-A

Type Certificate

This engine is currently installed in aircraft: Beechcraft Musketeer No. M-909
N 2307 W

Minimum Octane Fuel

Oil Grade Summer

Winter

Magneto Time

Point Setting

Firing Order

Spark Plug Gap

Manufacturer's Recommended Overhaul at _____ hours

DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS 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.)
04-27	2652.80	-	3530.16	Time since Major Overhaul: 270.05 Engine times brought forward Quail Warner Private Pilot #467-21-7622/owner
11-17	2708.62			Changed oil 8 qts Aeroshell and CTO-100 filter Quail Warner Private Pilot # 467-21-7622/owner
12 Sep 1994 A/C TACH: 2712:95 ENG TOTAL 3590:31 SMOH 330:20				Installed 4 new TS10520AE/10-346A cylinder & valve assembly IAW TCM- EVO 4535. P/N 653456 A1 kits, 4ea new 630046 pin & plug any, 4ea new 646088 intake rocker arms, 4ea new 646086 exhaust rocker arms, 4ea new 648001 rocker shafts. 4ea SA 628488 intake lifter any. 2 new 643230 baffle any. 4 new ring sets P/N 652148. cleaned & inspected pistons P/N 646063 found within next part limits & reinstalled. installed 8 ea serviceable A/C 283 spark plugs. Removed starter barbed & any. screws reinstalled on engine. - continue next page -

NOTE: USE LONG REACH SPARK PLUGS ONLY:

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				serviced with Champion CFO-100 oil filter and Aero Shell 100 Mineral oil. Replaced Heraloflex 11-3 hose to fuel flow divider down union, Repaired cooling baffles. I certify that this engine has been inspected in accordance with a 100 hr/Annual inspection and was determined to be in Airworthy Condition Elwood Emil Bauer TA 1991709
13 Sep 94	A/C Tach.	2715:98		Checked oil filter replaced with new CFO-100. 100 oil filter Elwood Emil Bauer AP 1991709
28 Jun 1995	A/C Tach.	2736:26		Drained oil serviced with Aero Shell 100 Mineral oil. Removed oil sump. Replaced gaskets installed. Elwood Emil Bauer AP 1991709

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Date: 8/27/99
HOBBS: 554.2
TACH 2806.0

Log Entry: Engine

Remove defective vacuum pump and install overhauled unit P/N 200CW, (see C&M Aviation Serviceable Parts Tag W/O #893613). Ground run and operational test satisfactory.

Ronald D. Wallis AEP215762487

DATE 19	RECORDING TACH TIME	TODAYS 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.)
				Date: 3/17/00 Log Entry: Engine TACH: 2862.42 Change oil and filter, inspect filter for debris, none noted at this time. Service engine with 8 quarts, Aeroshell 15W50 oil, wash engine and cowlings, ground run and leak check satisfactory. <i>Ronald D. Wallin A&P215762487</i>



Howell's Aircraft Service
3122 Great Southwest Parkway
Grand Prairie Texas 75052
972-988-8609 Email Hasparts@juno.com



N2307W

Date 6/19/2000 Tach 2877.4 Total Time 3754.8 Total Time SMOH 494.7. Complied with a 100-hr inspection in accordance with Howell's Aircraft inspection form. Compression check #1 70/80 #2 71/80 #3 74/80 #4 36/80. Removed #4 cylinder and sent to J's Aircraft Engine and Parts for repairs, WO# 20612. Installed #4 cylinder after repairs completed. Cleaned and gapped spark plugs. Washed engine and ran to check for leaks, none noted. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Russell Vines
Russell Vines A&P4504192231A

DATE 2001 19	RECORDING TACH TIME	TODAYS 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.)
8-04-01	TACH	2970.5	SMOH 587.8 hrs	STOH "0" hrs
				Cylinders overhauled by Sentry Aircraft cylinders of Fort Worth Changed O.I with 8 qts 100 Aeroshell mineral oil. Repaired ballbe. Cleaned air filter. Washed down engine & checked for leaks. Checked mag timing. Insp all linkages & hoses. "I certify that this engine has been inspected IAW 100 hrs/annual insp and was determined to be in airworthy condition this date." End Kermit J. Turner AP119440008IA
12-19-01	TACH	3007.0 hrs		
				Replaced oil & filter with 7 qts Aeroshell 100 mineral oil & CFC-100 Champion filter. Washed down eng & run for link ck. Return to service -End- Kermit J. Turner AP119440008IA

DATE 192002	RECORDING TACH TIME	TODAYS 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.)
6-29-02	3070.0			Changed OIL & FILTER, SERVICED WITH 7 QTS AEROSHELL 100 50 WT OIL AND Champion CF0-100 FILTER ELEMENT. Hugh Ferguson PILOT/owner Cert. # 45270 8747
12-01-04	3208.5		SMOH 825.8 STOH 238.0	Compressor CK #1 74/80, #2 70/80, #3 72/80, #4 68/80. Replaced all plugs. Changed oil with 8 qts w 100 Aeroshell & CH 100-1 filter. Changed air filter element. Washed down engine & checked for fuel oil leaks. "I certify that this powerplant has been inspected in accordance with 100 hrs / annual inspection and was determined to be in an airworthy condition this date - End - Kunt / Steen AP119440208 IA

DATE 19 _____	RECORDING TACH TIME	TODAYS 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.)
10-15 2002				Annual Inspection compression #1 80/79, #2 80/76, #3 80/78, #80/79 one qt of oil was added, oil was fresh, it had less than 10 hrs. owner advised. cleaned regapped 7 spark plugs replaced 1 plug AC 283 porcelain was cracked on old plug. muffler and exhaust pipes were checked this is not compulsory checked by water and air pressure. all seat hoses clamps in good shape. motor mounts, carburetor bolts, all checked. mags were timed, harnesses inspected, battery cables cleaned, fresh air hose, cable cleaned gas line checked for leakage (cont)

DATE 2003 10	RECORDING TACH TIME	TODAYS 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.)
5-17-03	3120.65			Changed oil & Filter. Serviced with 7qts of Aeroshell 100 & Champion CFO-100 Filter element. Wash Kuhn - Pilot / Owner Cert #446-70-3601
10-31-03	TACH 3149.82			Compression ck showed cyls low. Performed cyl overhaul by sending Cyl. in Fort Worth, Tx. Cyl reconditioned to standard size. New rings, seals, gaskets etc. Valves & guides miked out good. Oil cooler flushed out & 8 qts mineral oil Aeroshell 100 & new oil filter installed. Replaced air filter also. Repaired baffling in three locations. Run engine several times for run set & cked for oil & fuel leaks. Ck'd good. "I certify that this engine has been inspected IAW 100/annual inspection and was determined to be in airworthy condition this date. -End- Kent / Kevin AP11949/0008IA

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3-22-04	3180.00			CHANGED OIL & FILTER, SERVICED WITH 7 QTS AEROSHELL 100 50 WT OIL AND CHAMPION CPO-100 FILTER ELEMENT. Jim Morrison APP 464689268
12-01-04	annual record	recorded	out of sequence.	4 pages back Kenit/Steven AP1194400087A
1-24-06	3246.34			Q/O Insp. Compression ck #1 $68/80$, #2 $72/80$, #3 $68/80$, #4 $68/80$ Changed oil & filter with 8qts w100 Aeroshell & CPO-100 filter. Cleaned air filter element. Replaced Zen push rod seals. Cleaned, gapped & tested spark plugs. Chkd mag timing. Washed down engine & cooling. Run engine & chkd for leakage. "I certify that this engine has been inspected IAW 100 hr inspection and was determined to be in airworthy condition the date. End- Kenit/Steven AP1194400087A

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Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N2307W

TACH 3268.0

DATE 12/5/06

REMOVED VACUUM PUMP P/N: 200CW S/N: 898396. INSTALLED OVERHAULED PUMP P/N: 216CW-WIP S/N: 47897.

JEFF DALTON
A&P454556773

No. YV4R688M
(800) 822-3200

of 2 years or 1000 hours from
period of 1 year or 400 hours to
replace on an exchange basis
which upon examination is found
pump which has been subjected to
es, Inc. has adversely affected the
Accessories, Inc., or its agents shall
Accessories, Inc. to any affirmation, repre
son, including Aero Accessories, Inc.
it shall not be enforceable by the

pump for any particular purpose, and
Furthermore, without limitation, there is
this agreement is limited to
arising out of the fa
shall be effective
fair (if it sh

19

TACH
TIME

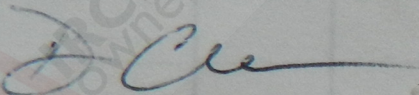
FLIGHT

TIME IN
SERVICE

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 1/31/08 N2307W Tach: 3296.0

Removed R/H Magneto with serviceable original sent in as core, Test run engine ops mag ck ok at this time. All work done IAW approved data and return to service engine for work performed.


D Gladstone
AP467877872IA

N2307W 3-21-08 TACH 3325.92

Changed oil & filter with 8qt w100
Aero shell & CFO-100-1 filter. Ckcd
for leakage. Cleaned cowling. Return
to service. End.


AP 11944 0008

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7-10-2008 3360.77 SMOH 978.07 hrs STO H 390.27 hrs

C/w 100hr/annul insp requirements. Compression ck #1 $64\frac{1}{80}$, #2 $57\frac{1}{80}$, #3 $61\frac{1}{80}$, #4 $62\frac{1}{80}$.
Cleaned, gapped & tested spark plugs. Ck'd mag timing. Alternator was insp
& repaired as required. Bearings, brushes & stator replaced. Starter cleaned
out & brushes insp. Cleaned fuel injectors. Washed down engine & run for
oil & fuel leakage. Replaced air filter element. "I certify that this
engine has been inspected ITW 100hr inspection and was determined
to be in airworthy condition this date - End -

Kent/Heim AP119440008 JA

11-17-09 TACH 3371.5

C/w 100hr inspection. Compression ck #1 $59\frac{1}{80}$, #2 $63\frac{1}{80}$, #3 $62\frac{1}{80}$, #4 $58\frac{1}{80}$.
Changed oil & filter with CPO-100-1 filter & 8qts W100 Aeroshell oil.
Replaced cylinder temp. probe. Cleaned air filter element. (10.7 hrs usage)
Cleaned, tested & gapped spark plugs. Ck'd mag timing. Washed down engine &
cooling. Run engine & ck'd for oil or fuel leakage. Ops ck'd good. "I certify
that this engine has been inspected ITW 100hr inspection and was
determined to be in airworthy condition this date - End

Kent/Heim AP119440008 JA

DATE 19	RECORDING TACH TIME	TODAYS 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.)
5-12-2011	3375.24			Insp per aircraft service manual. Compression ck #1 $\frac{59}{80}$, #2 $\frac{60}{80}$, #3 $\frac{60}{80}$, #4 $\frac{64}{80}$ Cleaned & tested all plugs. Ck mag timing. Put new boot on starter cable. "I certify that this powerplant has been inspected IAW 100hr/annual inspection and was determined to be in airworthy condition this date. End" Kenneth J. Stearn AP 119440008 TA

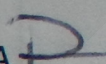
WEST TEXAS AERO 7000 ANDREWS HWY ODESSA TX 79765

OCTOBER 24, 2014 N2307W BEECH A23A S/N: 2-609 HOBBS: 1277 TACH: 3385 TSMOH: 1002.3

ENGINE

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. AD RESEARCH COMPLETED THROUGH BIWEEKLY 2014-20.

COMPRESSION CHECK #1 60/80 #2 61/80 #3 62/80 #4 61/80. CHANGED OIL, SERVICED ENGINE WITH 8 QTS OF AEROSHELL W100. CLEAN AND GAPPED SPARK PLUGS. ENGINE WAS GROUND RAN AND LEAK CHECKED WITH ALL INDICATIONS NORMAL. THIS ENGINE WAS REPAIRED AND INSPECTED IAW CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.

DGLADSTONE AP467877872IA 

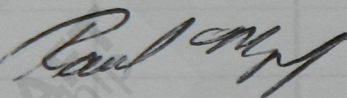
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

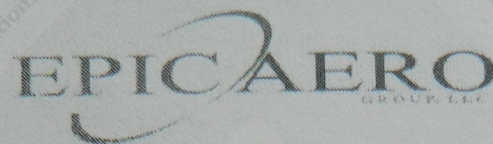
WEST TEXAS AERO 7000 ANDREWS HWY ODESSA TX 79765

MARCH 25, 2016 N2307W BEECH A23A S/N: M-909 TACH: 3398.2 ATT: 3398.2

INSPECTED AIRFRAME PER PRINTED CHECKLIST. INSPECT, CLEAN AND SERVICE BATTERY AND CONNECTION. INSPECT CLEAN AND SERVICE BRAKE SYSTEM, REPACK WHEEL BEARINGS ALL THREE GEAR. INSPECT AND VERIFIED PROPER OPERATION OF ELT BATTERY PER FAR91-207d. **ELT BATTERY DUE NOV 2016.** REMOVED AND REPLACED LEFT MAIN TUBE WITH NEW P/N:302246401. REMOVED AND REPLACED FUEL DRAIN WITH NEW CCA1550. C/W AD 73-20-07 R2 NEXT DUE ANNUAL OR ATT: 3498 WHICHEVER OCCURS FIRST. C/W AD 75-01-04 NEXT DUE ANNUAL OR ATT:3898. C/W AD 87-02-08 NEXT DUE ATT:3460. RESEARCH AND VERIFIED ALL RECURRING AD'S ARE COMPLIED WITH ALL OTHERS VERIFIED THROUGH BI-WEEK REPORT 2016-04. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH 100 INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. THE AIRFRAME IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED.

RAUL MEZA JR. A&P 3529795





1/29/2024 N2307W Beechcraft Musketeer A23A S/N: M-909

Tach: 3418.81 AFTT: 3418.81

Continental IO-346-A S/N: 100054-4-A SMOH: 1036.1 STOH: 448.3 Engine TT: 4296.2

1. Performed 100hr. Inspection IAW FAR 43 Appendix D referencing Continental MM.
2. Drained oil and serviced engine with 8qts Phillips 20X50. Removed, cut, and inspected oil filter with no discrepancies noted. Installed NEW Oil filter.
3. Compression: 1: 60/80, 2: 66/80, 3: 64/80, 4: 64/80.
4. Removed, cleaned, gapped, tested, and reinstalled all spark plugs.
5. Lubricated all engine controls.

I Certify this Engine has been Inspected IAW a 100hr. Inspection and found to be in Airworthy Condition.

Matthew Retzer

A&P 3669005
