

ULTIMATE ENGINES

by



C.R.S. YCTR973K
MENA, ARKANSAS 71953
501-394-5422

The logo for 'The Standard' features a stylized 'A' inside a circle, with a horizontal line passing through the center of the circle. To the right of the logo, the text 'The Standard' is printed in a serif font, and 'ENGINE LOG' is printed in a large, bold, sans-serif font.

ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer Continental

Model IO-520-BA

Serial 121474-7-BA

Type Certificate _____

This engine is currently installed in aircraft: N6245V

Minimum Octane Fuel _____

Oil Grade Summer _____

Winter _____

Magneto Time _____

Point Setting _____

Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

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.)

CAPEHART INDUSTRIES, INC.
Mena, Arkansas 71953 501-394-5422
C.R.S. No. YCTR973K

Tach Time: 2001.00
Zero since major rebuild.

November 2, 1993

Major rebuilt Continental Engine Model IO-520-BA, Serial No. 121474-7-BA in accordance with Continental Overhaul Manual and Service Bulletins.

Installed factory new VAR crankshaft. (S/N HO49304N)
Crankcase certified by DivCo, Inc., Tulsa, Oklahoma.
Starter adapter overhauled by Capehart Industries.

Installed new Teledyne Continental cylinders.

Fuel system remanufactured by Teledyne Continental.

Magnetos rebuilt by Capehart Industries.

Camshaft reground by Aircraft Specialties Services, Inc., Tulsa, Oklahoma.

Starter rebuilt by Aero Electric, Inc., Wichita, Kansas.

Installed Performance Engineering roller rocker arms in accordance with their STC #SE8594SW.

(Cont'd)

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.)

CAPEHART INDUSTRIES, INC.
Mena, Arkansas 71953 501-394-5422
C.R.S. No. YCTR973K

Replaced (1) exhaust pipe.

Installed new parts in engine as follows: Crankshaft gear dowel pin, crankshaft gear bolts, alternator drive face gear, alternator drive face gear attaching bolts, alternator drive face gear lock plates, crankshaft oil seal, connecting rod bearings, connecting rod bolts, connecting rod bolt nuts, connecting rod bolt nut cotter pins, camshaft gear bolts, governor drive bevel gear woodruff key, starter adapter shaft gear needle bearing, crankshaft main bearings, oil pressure relief valve screw and plunger kit, oil pressure relief valve spring, cylinder to crankcase thru bolt nuts, piston pins, hydraulic valve lifters, fuel pump drive coupling, induction clamps, oil sump felt pads, rocker arm shaft retaining bolts, rocker arm shaft retaining bolt washers,

(Cont'd)

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.)

CAPEHART INDUSTRIES, INC.
Mena, Arkansas 71953 501-394-5422
C.R.S. No. YCTR973K

silocone valve cover gaskets, iridium spark plugs (Champion RHB32S), oil temperature control valve gasket, magneto drive coupling rubber bushings, magneto drive coupling rubber bushing retainers, exhaust flange nuts, oil filter, TCM steel cylinder assemblies (P/N 653445A1--including pistons, piston rings, intake valve seats, exhaust valve seats, intake valve guides, exhaust valve guides, Rosan exhaust studs, inner valve springs, outer valve springs, valve rotor caps and valve keepers), ignition harness, Lord engine shock mounts, fuel and oil lines, silicone baffle seal, Aeroshell non-detergent oil.

See back of log book for list of AD Notes.

(Cont'd)

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.)

CAPEHART INDUSTRIES, INC.
Mena, Arkansas 71953 501-394-5422
C.R.S. No. YCTR973K

The aircraft engine or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No.: 73031

Date: 11/2/93

Signed: _____

Engine installed in Aircraft N-6245V and test run.
Inspected engine in accordance with a 100 hour inspection and found to be airworthy.

Terry Capehart
Terry Capehart

A&P _____

ENGINE MODEL:
IO-520-BA
ENGINE S/N: 121474-7-BA
REG. NO: N6245V
WORK ORDER:
1493-10-2012



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 11/4/2012
A/C TSN: 3666
ENG TT: 3666
TSMOH: 675
TACH: 2676

Engine Entries

(2) Annual Engine and Propeller Inspection. Performed annual engine and propeller inspection in accordance with Hawker Beechcraft Corporation Bonanza 35 annual Long Form Inspection Guide. Compression check #1 77/80, #2 75/80, #3 75/80, #4 76/80, #5 70/80, #6 68/80. Cleaned, gapped, and rotated spark plugs and installed with new M-674 gaskets. Checked magneto-to-engine timing. Inspected intake and exhaust systems. Filed and dressed blades of propeller. Checked all applicable AD's on engine and propeller and updated list in aircraft records. AD 2012-03-06C not applicable per fuel system type.... (3) Changed oil and filter with new CH48109-1 filter and 12 qts Phillips X/C 20/50 oil. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (7) Installed new Tempest spark plugs P/N- URHB32E with new gaskets P/N- M-674.... (8) Removed and Reinstalled alternator P/N- 1100715 after 500hr inspection by Aircraft Systems Inc. under their work order number 47168 dated 10/19/2012. Installed alternator with new gasket. Performed leak check and operational check, no leaks noted at this time and operational check good.... (9) Removed and Reinstalled both magnetos; Right P/N- 10-349260-6 S/N- 47189-2, Left P/N- 10-349220-5 S/N- 47189-1 after overhaul by Aircraft Systems Inc. Installed magnetos with new gaskets and timed to engine. Removed and reinstalled Starting vibrator P/N- 10-176487-122 S/N- 47189-3 after repair by Aircraft Systems Inc. Fabricated mount for Starting vibrator out of .090" Aluminum and installed starting vibrator to mount. Reference Aircraft Systems Inc work order number 47189 dated 10/22/2012 for magnetos and starting vibrator. Performed operational check and leak check of magnetos and starting vibrator, operational check good with no leaks noted at this time.... (12) Removed and reinstalled fuel flow divider P/N- 631427-2A10 S/N- J149211CR after overhaul by Mike's Fuel Metering Service under their work order number 25275 dated 10-30-2012. Performed leak check, no leaks noted at this time.... (13) Removed and reinstalled Fuel Control Unite P/N- 629904-2 S/N- J149212AR after overhaul by Mike's Fuel Metering Service under their work order number 25275 dated 10-30-2012. Performed leak check, no leaks noted at this time.

I certify that this engine and propeller have been inspected in accordance with an annual inspection and were determined to be in airworthy condition.

DATE: 11/4/2012

SIGNED: [Redacted Signature]

Shane Vande Voort, IA: [Redacted Name]

Work Order: 1493-10-2012

Printed by EBis 3 (datcomedia.com)

Date: 12/12/2012
Tach/Hobbs: 2693.9



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

nd Alteratio
cate Number of
specific entries

1. Removed engine IO-520-BA, serial#- 121474-7BA from Aircraft N6245V for purpose of tear down inspection following oil starvation engine shutdown.

Work Order #77929

Name: Paul M. Kaune

Signed: _____

Certified Repair Station # YQYR343B

MAKE	<u>CONTINENTAL</u>	MODEL	<u>IO-520-BA</u>	S/N	<u>121474-7BA</u>
Total Time	<u>3684.2</u>	Hours	Time Since Major Overhaul	<u>693.2</u>	Hours

The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. (As detailed below) Pertinent details of repair are on file at this repair station under:

Work Order # 5199

Date 1/22/2013

Engine was disassembled, cleaned, inspected, and repaired due to loss of oil. Installed crankshaft, S/N NO2EA432 new from Continental Motors. Installed camshaft P/N 653058 repaired by Aircraft Specialties Services. Repaired cylinders as required, see attached maintenance release tag for further details. Installed magnetos, left P/N 10-349220-5, S/N 47189-1, and right, P/N 10-349260-6, S/N 47189-2 after 500 hour inspection performed by Poplar Grove Airmotive. Supplied alternator, P/N 1100715, S/N A70270 repaired by Poplar Grove Airmotive. Installed oil cooler P/N 8000960, S/N 2083375 new from Aero-Classics. This engine was test run in a test cell and meets specifications. See A.D. Compliance Record and Parts List for more details.

-----END-----

Poplar Grove Airmotive, Inc.
Poplar Grove Airport, Poplar Grove, IL
FAA Approved Repair Station #YYBR664L

David Mason _____

Signed for Poplar Grove Airmotive, Inc.

Poplar Grove Airmotive, Inc.
Shop Orders — Inventory Summary
For Shop Order 5199 Only

ENGINE MOD: 10-520-BA S/N 113 AM

AD #	DESCRIPTION	COMPLIANCE STATUS	Order #	Close Date	Disc #	Part Number	Description	Date Wkly?	Quantity	Unit
77-13-22	crankcase	N/A by raised backb	5199	11	3,000	MS35338-43	Washer	1/02/2013	4.00	Each
79-05-09	oil pressure relief valve	N/A by engine S/N	5199	11	3,000	MS35338-43	Washer	1/02/2013	4.00	Each
80-01-04	cylinder	N/A to P/N cylinders	5199	11	3,000	MS16624-1037	Retaining Ring	1/02/2013	1.00	Each
#81-24-06	fuel pump	N/A by pump S/N	5199	11	3,000	MS16624-1037	Retaining Ring	1/02/2013	1.00	Each
#86-13-04 R3	cylinder	N/A by cylinder P/N	5199	11	3,000	AB-50752	Felt Washer	1/02/2013	1.00	Each
87-14-02	starter adapter	N/A no pulley install	5199	11	3,000	AB-50752	Felt Washer	1/02/2013	1.00	Each
88-03-06	oil filter P/N 649309 and P/N 649310	N/A by filter P/N	5199	11	3,000	AB-163374	Felt Strip	1/02/2013	1.00	Each
88-17-03	starter adapter	N/A no pulley install	5199	11	3,000	AB-163374	Felt Strip	1/02/2013	1.00	Each
91-19-03	oil filter	N/A by lifter P/N	5199	11	3,000	AB-160844	Brush	1/02/2013	1.00	Each
93-10-02	cylinder	C/W by inspection IA	5199	11	3,000	AB-160844	Brush	1/02/2013	1.00	Each
93-16-15	fuel pump drive coupling	P/C/W has coupling	5199	11	3,000	AB-382584	Contact Assy Kit	1/02/2013	1.00	Each
96-12-22	Cessna oil filter adapter	N/A by P/N adapter	5199	11	3,000	AB-382585	Points	1/02/2013	1.00	Each
#97-26-17 C	crankshaft	C/W by installation c	5199	11	3,000	AB-382584	Contact Assy Kit	1/02/2013	1.00	Each
98-01-08 E	exhaust rocker arm	N/A roller rocker arms	5199	11	3,000	AB-391213	Screw	1/02/2013	1.00	Each
98-17-11 C	crankshaft	N/A by new VAR crar	5199	11	3,000	AB-391213	Screw	1/02/2013	1.00	Each
99-19-01	crankshaft	N/A by new VAR crar	5199	11	3,000	AB-90751-18	Cotter Pin	1/02/2013	1.00	Each
00-23-21	crankshaft	N/A by crankshaft S/N	5199	11	3,000	AB-349652	Screw	1/02/2013	3.00	Each
#04-08-10	loss of engine power	N/A by cylinder manu	5199	11	3,000	AB-349652	Screw	1/02/2013	3.00	Each
07-04-19 R1	Superior cylinders	N/A by cylinder manu	5199	11	3,000	10-53397	Washer	1/02/2013	3.00	Each
09-16-03	Superior cylinders	N/A by cylinder manu	5199	11	3,000	10-53397	Washer	1/02/2013	3.00	Each
09-19-07	TCM cylinders	N/A by no EQ3 cylind	5199	11	4,000	SA646985	Seal	1/06/2013	6.00	Each
10-11-04	TCM lifters	N/A by P/N filter	5199	11	4,000	SA5000 SC5 P05	Ring Set	1/06/2013	6.00	Each
12-03-06 C	AFS servo diaphragm	N/A by rebuilt system	5199	11	2,000	SA632429-A3	Gasket Set	1/09/2013	1.00	Each
Poplar Grove Airmotive, Inc.			5199	11	2,000	SA641250	Seal Assy	1/09/2013	1.00	Each
FAA Approved Repair Station # YYBR664L David Mason			5199	11	2,000	658088	Lifter, Hydraulic	1/09/2013	6.00	Each
			5199	11	2,000	658077	Lifter	1/09/2013	6.00	Each
			5199	11	2,000	SA646593 A1	Bearing Set	1/09/2013	1.00	Each
			5199	11	2,000	SA630826	Bearing	1/09/2013	12.00	Each
			5199	11	2,000	630899	Roller Bearing	1/09/2013	1.00	Each
			5199	11	2,000	SA536379	Screw	1/09/2013	6.00	Each
			5199	11	2,000	SA649205	Screw	1/09/2013	4.00	Each
			5199	11	2,000	SA641909	Plate	1/09/2013	2.00	Each
			5199	11	2,000	NAS1805-4	Transfer Collar Nut	1/09/2013	2.00	Each
			5199	11	2,000	SA631088.44	Bolts	1/09/2013	4.00	Each
			5199	11	2,000	AEC629340	Rod Bolt	1/09/2013	4.00	Each
			5199	11	2,000	SA628109	Nut	1/09/2013	12.00	Each
			5199	11	2,000	MS35756-8	Key	1/09/2013	1.00	Each
			5199	11	2,000	AA48109	Oil Filter	1/09/2013	1.00	Each
			5199	11	2,000	M 633403RW	Connecting Rod	1/09/2013	1.00	Each
			5199	11	2,000	SA530658	Bushing	1/09/2013	1.00	Each
			5199	11	2,000	AF0750117-31	Baffle	1/09/2013	1.00	Each
			5199	11	2,000	653490	Stud Filter	1/09/2013	1.00	Each
			5199	11	2,000	SA520129	Bushing	1/09/2013	1.00	Each
			5199	11	2,000	535634	Dowel Pin	1/09/2013	1.00	Each
			5199	11	2,000	401932	Stud	1/18/2013	1.00	Each
			5199	11	2,000	401752	Pipe Plug	1/18/2013	4.00	Each
			5199	11	2,000	629518-1H	Plug	1/18/2013	1.00	Each
			5199	11	2,000	MS9970-116	O-ring	1/21/2013	1.00	Each
			5199	11	2,000	MS9970-117	O-ring	1/21/2013	1.00	Each
			5199	11	2,000	MS28775-011	O-Ring	1/21/2013	1.00	Each
			5199	11	2,000	MS9549-17	Washer	1/21/2013	7.00	Each
			5199	11	2,000	U674	Spark Plug Gasket	1/22/2013	4.00	Each
			5199	11	2,000	U674	Spark Plug Gasket	1/22/2013	8.00	Each
			5199	11	2,000	SA638172	Bushings	1/22/2013	4.00	Each
			5199	11	2,000	629163-5	Clamp, Dbl.	1/22/2013	4.00	Each
			5199	11	2,000	629163	Clamp	1/22/2013	1.00	Each
			5199	11	2,000	8000960 (635996/65457)	Oil Cooler	1/22/2013	1.00	Each
			5199	11	2,000	632224	Baffle	1/22/2013	1.00	Each
			5199	11	2,000	SA627496	Gasket	1/22/2013	1.00	Each
			5199	11	2,000	629518-1	PLUGS	1/22/2013	1.00	Each

Poplar Grove Airmotive, Inc.

Shop Orders --- Inventory Summary

For Shop Order 5199 Only

113
AM

Order #	Close Date	Dsc #	Part Number	Description	Action Date Wmty?	Quantity	Units
5199	//	3,000	MS35338-43	Washer	1/02/2013	4.00	Each
5199	//	3,000	MS35338-43	Washer	1/02/2013	4.00	Each
5199	//	3,000	MS16624-1037	Retaining Ring	1/02/2013	1.00	Each
5199	//	3,000	MS16624-1037	Retaining Ring	1/02/2013	1.00	Each
5199	//	3,000	AB-50752	Felt Washer	1/02/2013	1.00	Each
5199	//	3,000	AB-50752	Felt Washer	1/02/2013	1.00	Each
5199	//	3,000	AB-163374	Felt Strip	1/02/2013	1.00	Each
5199	//	3,000	AB-163374	Felt Strip	1/02/2013	1.00	Each
5199	//	3,000	AB-160844	Brush	1/02/2013	1.00	Each
5199	//	3,000	AB-160844	Brush	1/02/2013	1.00	Each
5199	//	3,000	AB-382584	Contact Assy Kit	1/02/2013	1.00	Each
5199	//	3,000	AB-382585	Points	1/02/2013	1.00	Each
5199	//	3,000	AB-382584	Contact Assy Kit	1/02/2013	1.00	Each
5199	//	3,000	AB-391213	Screw	1/02/2013	1.00	Each
5199	//	3,000	AB-391213	Screw	1/02/2013	1.00	Each
5199	//	3,000	AB-90751-18	Cotter Pin	1/02/2013	1.00	Each
5199	//	3,000	AB-349652	Screw	1/02/2013	3.00	Each
5199	//	3,000	AB-349652	Screw	1/02/2013	3.00	Each
5199	//	3,000	10-53397	Washer	1/02/2013	3.00	Each
5199	//	3,000	10-53397	Washer	1/02/2013	3.00	Each
5199	//	4,000	SA646985	Seal	1/06/2013	6.00	Each
5199	//	4,000	SA5000 SC5 P05	Ring Set	1/06/2013	6.00	Each
5199	//	2,000	SA632429-A3	Gasket Set	1/09/2013	1.00	Each
5199	//	2,000	SA641250	Seal Assy	1/09/2013	1.00	Each
5199	//	2,000	658088	Lifter, Hydraulic	1/09/2013	6.00	Each
5199	//	2,000	658077	Lifter	1/09/2013	6.00	Each
5199	//	2,000	SA646593 A1	Bearing Set	1/09/2013	1.00	Each
5199	//	2,000	SA630826	Bearing	1/09/2013	12.00	Each
5199	//	2,000	630899	Roller Bearing	1/09/2013	1.00	Each
5199	//	2,000	SA536379	Screw	1/09/2013	6.00	Each
5199	//	2,000	SA649205	Screw	1/09/2013	4.00	Each
5199	//	2,000	SA641909	Plate	1/09/2013	2.00	Each
5199	//	2,000	NAS1805-4	Transfer Collar Nut	1/09/2013	2.00	Each
5199	//	2,000	SA631088.44	Bolts	1/09/2013	4.00	Each
5199	//	2,000	AEC629340	Rod Bolt	1/09/2013	4.00	Each
5199	//	2,000	SA628109	Nut	1/09/2013	12.00	Each
5199	//	2,000	MS35756-8	Key	1/09/2013	1.00	Each
5199	//	2,000	AA48109	Oil Filter	1/09/2013	1.00	Each
5199	//	2,000	M 633403RW	Connecting Rod	1/09/2013	1.00	Each
5199	//	2,000	SA530658	Bushing	1/09/2013	1.00	Each
5199	//	2,000	AF0750117-31	Baffle	1/09/2013	1.00	Each
5199	//	2,000	653490	Stud Filter	1/09/2013	1.00	Each
5199	//	2,000	SA520129	Bushing	1/09/2013	1.00	Each
5199	//	2,000	535634	Dowel Pin	1/09/2013	1.00	Each
5199	//	2,000	401932	Stud	1/18/2013	4.00	Each
5199	//	2,000	401752	Pipe Plug	1/18/2013	1.00	Each
5199	//	2,000	629518-1H	Plug	1/18/2013	1.00	Each
5199	//	2,000	MS9970-116	O-ring	1/21/2013	1.00	Each
5199	//	2,000	MS9970-117	O-ring	1/21/2013	1.00	Each
5199	//	2,000	MS28775-011	O-Ring	1/21/2013	7.00	Each
5199	//	2,000	MS9549-17	Washer	1/22/2013	4.00	Each
5199	//	2,000	U674	Spark Plug Gasket	1/22/2013	8.00	Each
5199	//	2,000	U674	Spark Plug Gasket	1/22/2013	4.00	Each
5199	//	2,000	SA638172	Bushings	1/22/2013	4.00	Each
5199	//	2,000	629163-5	Clamp, Dbl.	1/22/2013	1.00	Each
5199	//	2,000	629163	Clamp	1/22/2013	1.00	Each
5199	//	2,000	8000960 (635996/65457)	Oil Cooler	1/22/2013	1.00	Each
5199	//	2,000	632224	Baffle	1/22/2013	1.00	Each
5199	//	2,000	SA627496	Gasket	1/22/2013	1.00	Each
5199	//	2,000	629518-1	PLUGS	1/22/2013	1.00	Each

Date: 2/15/2013
Tach/Hobbs: 2694.2



10800 Airport Road
Dubuque, Iowa 52003
Repair station #YQYR343B
1-563-582-1293

1.Reinstalled engine IO-520-BA, s/n-121474-7BA in aircraft N6245V after repair by Poplar Grove Airmotive RS#-YYBR664L, WO#-5199.
2.Replaced engine rubber shock mounts, bolts & nuts. 3.Replaced all exhaust gaskets. 4.Replaced prop governor pad gasket. 5.Reinstalled propeller with new O-ring & attach nuts. 6.Serviced engine with Phillips 20W-50 "Type M" mineral oil. Pre-primed engine for oil pressure before starting . 7.Ground run engine. Adjusted idle RPM to 650 with a 50 RPM rise mixture cutoff. Adjusted unmetered fuel pump pressure to 10 PSI at idle & 30.5 PSI at 2700 RPM per TCM SID97-3E. 8.Verified operation of CHT, EGT, & oil temp gauges. Digital oil pressure sender not reinstalled.

Work Order #78025
Name: Paul M. Kaune

Signed: _____
Certified Repair Station # YQYR343B

15	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)

ENGINE MODEL:
IO-520-BA
ENGINE S/N: 121474-7-BA
REG. NO: N6245V
WORK ORDER:
2911-12-2015



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 12/30/2015
A/C TSN: 4400.73
ENG TT: 4400.73
TSMOH: 1409.73
TACH: 3410.73

Engine Entries

(2) Annual Engine and Propeller Inspection. Performed annual engine and propeller inspection in accordance with Beechcraft Corporation Bonanza 35 annual Long Form Inspection Guide. Compression check #1 77/80, #2 72/80, #3 70/80, #4 66/80, #5 74/80, #6 68/80. Cleaned, gapped, and rotated spark plugs and installed with new M-674 gaskets. Checked magneto-to-engine timing. Inspected intake and exhaust systems. Filed and dressed blades of propeller. Checked all applicable AD's on engine and propeller and updated list in aircraft records.... (4) Changed oil and filter with new CH48109-1 filter and 10 qts Phillips X/C 20/50 oil. Added 160z. Cam Guard. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

I certify that this engine and propeller have been inspected in accordance with an annual inspection and were determined to be in airworthy condition.

DATE: 12/30/2015

SIGNED:

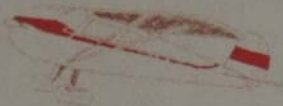
Shane Vande Voort, IA

Work Order: 2911-12-2015

Printed by EBis 3 (datcomedia.com)

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)

ENGINE MODEL:
IO-520-BA
ENGINE S/N: 121474-7-BA
REG. NO: N6245V
WORK ORDER:
3441-01-2017



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 1/21/2017
A/C TSN: 4631.36
ENG TT: 4631.36
TSMOH: 1640.36
TACH: 0

Engine Entries

(2) Annual Engine and Propeller Inspection. Performed annual engine and propeller inspection in accordance with Beechcraft Corporation Bonanza 35 annual Long Form Inspection Guide. Compression check #1 60/80, #2 73/80, #3 70/80, #4 63/80, #5 69/80, #6 68/80. Cleaned, gapped, and rotated spark plugs and installed with new M-674 gaskets. Checked magneto-to-engine timing. Inspected intake and exhaust systems. Filed and dressed blades of propeller. Checked all applicable AD's on engine and propeller and updated list in aircraft records.... (4) Changed oil and filter with new CH48109-1 filter and 10 qts Phillips X/C 20/50 oil. Added 160z. CAM GUARD. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.... (8) Installed new Continental throttle spring P/N 628371.

I certify that this engine and propeller have been inspected in accordance with an annual inspection and were determined to be in airworthy condition.

DATE: 1/21/2017

SIGNED:

Shane Vande Voort, IA

Work Order: 3441-01-2017

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DATE
19

TACH
TIME

FLIGHT

SERVICE

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

ENGINE MODEL:
IO-520-BA
ENGINE S/N: 121474-7-BA
REG. NO: N6245V
WORK ORDER:
4096-01-2018

Classic Aviation, Inc.
501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 2/7/2018
A/C TSN: 4767.36
ENG TT: 4767.36
TSMOH: 1776.36
TACH: 136

Engine Entries

(2) Complied with an Annual Inspection (Engine/Propeller) in accordance with 14 CFR part 43 appendix (d) and Beechcraft Annual Inspection Form, Long Form. Performed an Differential Compression Check as follows: #1-76/80, #2-71/80, #3-72/80, #4-72/80, #5-74/80, #6-73/80. Master Orifice 42/80. Checked Magneto Timing. Cleaned all Fuel Injectors. Inspected Intake and Exhaust System, Pressure Checking R.H. Muffler with no defects noted. Dressed and Painted Propeller Blades. Researched AD's and updated AD Listing in Aircraft Records. Refer to AD Listing dated 2 Feb.2018 for current AD Status.... (3) Drained Oil, Took Oil Sample and removed Oil Filter to check for contamination with none being noted. Installed a new Champion CH 48109-1 and Serviced Engine with 10 qts. Phillips XC20W-50 and 16 oz. CAM GUARD. Ground run Engine to check Oil Filter for leaks with none being noted.... (18) Replaced #2 Cylinder Bottom Spark Plug installing a new Tempest P/N URHB32E Spark Plug. Cleaned, Gapped, Tested and Rotated remaining Spark Plugs installing new P/N M-674 Gaskets.

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

DATE: 2/7/2018

SIGNED: [Redacted]
Micheal J. Lossner, [Redacted]

Work Order: 4096-01-2018

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-520-BA
ENGINE S/N: 121474-7-BA
REG. NO: N6245V
WORK ORDER: 4719-02-2019

Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 3/1/2019
A/C TSN: 4873.76
ENG TT: 4873.76
TSMOH: 1882.76
TACH: 1236.7

Engine Entries

(2) Complied with an Annual Inspection (Engine/Propeller) in accordance with 14 CFR part 43 appendix (d) and Beechcraft Annual Inspection Form, Long Form. Performed an Differential Compression Check as follows: #1-75/80, #2-74/80, #3-70/80, #4-72/80, #5-72/80, #6-72/80. Master Orifice 42/80. Checked Magneto Timing. Cleaned all Fuel Injectors. Inspected Intake and Exhaust System, Pressure Checking R.H. Muffler with no defects noted. Dressed and Painted Propeller Blades. Researched AD's and updated AD Listing in Aircraft Records. Refer to AD Listing dated 1 Mar.2019 for current AD Status.... (3) Changed oil and filter with new CH48109-1 filter and 10 qts Phillips X/C 20/50 oil. Took oil sample. Added 16 oz. CAM GUARD. Cut open old filter to check for contaminants. Ran engine to check for leaks, no leaks noted at this time.... (6) Installed 12 ea. new Tempest Spark Plugs P/N URHB32E in all Cylinders Top and Bottom.

I certify that this engine and propeller have been inspected in accordance with an annual inspection and were determined to be in airworthy condition.

DATE: 3/1/2019

SIGNED: [Signature]
Micheal J. Lossner, IA

Work Order: 4719-02-2019

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

ENGINE MODEL:
IO-520-BA
ENGINE S/N: 121474-7-BA
REG. NO: N6245V
WORK ORDER:
4896-06-2019



Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 6/25/19
A/C TSN: 4922.26
ENG TT: 4922.26
TSMOH: 1931.26
TACH: 1285.2

Engine Entries

(1) Changed oil and filter with new CH48109-1 filter and 10 qts Phillips X/C 20/50 oil. Added 16 oz. CAM GUARD. Took oil sample. Cut open old filter to check for contaminants, none found. Ran engine to check for leaks, no leaks noted at this time.

DATE: 6/25/19

SIGNED:

Jeff Claypool, A&P

Work Order: 4896-06-2019

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The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer Beech Aircraft Corp Model V-35
Serial D-8581 Registration Number N6245V
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Continental Model IO-520-BA Serial 121474-7-BA
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR
20
DATE

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.)

MAKE: Beech
MODEL: V35
S/N: D-8581
REG. NO: N6245V
WORK ORDER:
4719-02-2019

Classic Aviation, Inc.

501 W 15th St
Pella, IA 50219
Phone: 641-628-9393

DATE: 3/1/2019
A/C TSN: 4873.76
TACH: 1236.7

Airframe Entries

(1) Complied with an Annual Inspection (Airframe) in accordance with 14 CFR part 43 appendix (d) and Beechcraft Annual Inspection Form, Long Form. Checked all Controls and Control Surfaces. Repacked all Wheel Bearings and serviced Brake Reservoir. Performed Landing Gear Retraction, Extension and Emergency Extension. Landing Gear functioned normal. Checked service on Shimmy Damper. Top Charged Battery and cleaned Battery Box. Cleaned Main Fuel Strainer installing a new P/N 35-921181 Gasket and drained all Fuel Sumps. Replaced P/N ARB3-5-1 . Instrument Regulator filter. Researched AD's and updated AD Listing in Aircraft Records. Refer to AD Listing dated 1 Mar.2019. for current AD Status.... (4) Removed Left Brake Master Cylinder and resealed with 1 ea. P/N MS28775-011, P/N 28775-112 and P/N 28775-113. Bled Both Brake Systems. No Leaks noted.... (5) Inspected and tested the Narco Avionics Model #10, in accordance with FAR 91.207 (d) 1 - 4 and found it to be operating properly. (Battery due for replacement APR 2020).... (7) Serviced Landing Gear Struts with MIL- H-5606 Hydraulic Oil and Nitrogen to the proper levels. Installed (3) new High Pressure Valve Cores P/N 455-124.... (8) Complied with Bendix AD 76-07-12R1 eff.30 Aug.1977- Functional Check of Ignition Switch. Switch functioned normal. Next Insp due 1346.75 tach-4973.7 TTAF. (100 hr. recurring).... (9) Complied with Beechcraft AD 2007-08-07 eff. 25 May2007-Inspection and Lubrication of Main Landing Gear Uplock Rollers. Next Insp./ Lube due 1346.75 tach-4973.7 TTAF. (100 hr recurring).... (10) Complied with Beechcraft AD 94-20-04 R2 eff.27 Jun.2003 V-Tail Structure Inspection. No defects noted. Next Insp. due 1346.75 tach-4973.75 TTAF. (100 hr. recurring).... (11) Replaced P/N 45-825034 Nose Gear Steering Attach Bolts. Reserviced Strut with Nitrogen.... (12) Removed and replaced P/N CP-2003, Batch # 004352 Induction Air Filter.... (13) Replaced #3 Cylinder Tanis Heater Probe.

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

DATE: 3/1/2019

SIGNED:

Micheal J. Lossner, IA:

Work Order: 4719-02-2019

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