

JOHNSTON

 TELEDYNE CONTINENTAL



Gold Medallion Aircraft Engine

REBUILT ENGINE LOG

5746-K 514CS

AIRCRAFT N NUMBER

IO-520B-13B

ENGINE MODEL NUMBER

341712-R

ENGINE SERIAL NUMBER

ENG. TIME (334) 438 3411 Mobile, Al
= 220.89 + HORIZON TACH (5-6-99)

This engine model IOS20BA3, serial No. 241712-R,
has been rebuilt by Teledyne Continental Motors. All applicable
Federal Aviation Administration regulations and mandatory Teledyne
Continental bulletins have been complied with. This log book shall
indicate zero hours.

T 995

By Walter Pogue

Date 05-17-84

 **TELEDYNE CONTINENTAL MOTORS**
Aircraft Products Division

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.			
02-29-98											Replaced oil air filter with Brackett type (see act log) Run up 1 egg & ops. check ok. David L. Rippey APL 245231884CA		
Cont.											I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> INSPECTION AND IS IN AIRWORTHY CONDITION AT THIS TIME.		
											DATE <u>9-29-98</u> <u>David L. Rippey</u> TWIN LAKES AVIATION INC. APL 245231884CA		
5-26-99					007.9						Changed oil and filter with CH48109 and 10 qts W100 Aeroshell. Run up normal. Dale E. Hatten, ATP 1920985		
6-15-99					011.2						Replaced contact points in both magnetos including retard points for starting. Timed and test ran. Dale E. Hatten, ATP 1920985		
6-24-99					015.1						Replaced 'P' lead capacitor in both magnetos with new. Reinstalled 'P' lead filters and test ran. Ops normal at this time. Dale E. Hatten, ATP 1920985		
BROUGHT FORWARD													
TOTALS													

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.			
Oct 5, 1999											TSMOTT 255.6 HRS.		
Completed Annual Insp, T.A.W the Beech maintenance manual + found airworthy. Changed oil + filter. Added 1975 100W Shell oil. Cleaned + gapped spark plugs. Cleaned fuel controller screen. Replaced #2 + 3 cyl push rod seals. Replaced #2, 3, 4, 5, 6 cyl rocker cover gaskets. Tightened mixture control bolt + Satted. Removed magnetos for 500 HR Insp Model 56RN-201 S/N 8413078 + 56RN-205 F/W 8404467, + reinstalled + timed to engine using new gaskets + drive pulleys. Replaced hard line from fuel transducer to flow divider with high pressure hose + secured. Replaced oil pressure + manifold pressure hoses. Replaced vacuum hoses. Replaced baffle rubber in front of oil cooler. Dressed prop blades.													
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.			
											Sealed thermostatic control valve. Tightened Rt exhaust tail pipe clamp bolts. Adjusted tail pipes not to hit cowl flaps in closed position. Lubed controls & checked rigging. Washed down engine. Ran up & checked for leaks found none. Installed 2 admixers see 33 T this date. AD 97-26-17 Teledyne Continental crankshaft must be ultrasonic inspected at next removal or overhaul whichever comes first. AD 98-23-01 Parker Hannifin Dry Air pumps D.D.A. to wet pump installed. Replaced air filter element.		
											Date: 10-5-99 I.T. (L) 35.5 (R) <u> </u> I certify that this AC/Eng. has been inspected in accordance with a <u>Annual</u> inspection and has been found airworthy. Sig. <u>Jim Findell</u> Cert. # <u>FA 353483286</u>		
BROUGHT FORWARD													
TOTALS													

FINEFIELD AVIATION INC.
LAKE IN THE HILLS, IL 60102

ENGINE LOG

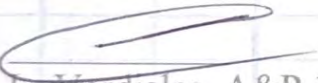
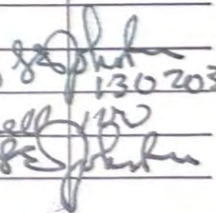
DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2-6-01					156						Changed oil & FILTER WITH CHAMPION 48109 AND 10QT AEROSHELL W100	LE Johnston	AIP 1307034
4-13-01					181.25						changed oil & FILTER CHAMPION 48109 and 10 QTS AEROSHELL W100	LE Johnston	AIP 1307034
5-16-01					210.25						changed oil & Filter champion 48109 and 10 qts Aeroshell W100	LE Johnston	AIP 1307034
Aircraft: <u>BEECHCRAFT</u> Model: <u>335</u> Tach/Hobbs: <u>224.7</u> Reg. No.: <u>N5746K</u> Date: <u>10/21/01</u> I certify that I have inspected this <u>ENG</u> In accordance with an <u>ANNUAL</u> inspection As per Manufactures Manual and found it to be in AIRWORTHY CONDITION.													
Brought Forward TOTALS													

 261852252 5-1

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.			
	Reg. No.: N5746K		Date: November 18, 2003										
	Serial No.: D7533		Hobbs Time: 508.22										
	Replaced leaking oil cooler, installed new part number 635996, drained oil, replaced filter, inspected element, no particles found, serviced with Aeroshell 100 Plus oil. Engine ground-run, all parameters found normal.												
	L. Verdiales A&P 148580607												
	Tach 538												
3-13-04	Oil changed; filter replaced Cit 48009 serviced w/ 11qt Aeroshell 100 Johnson 1302034												
	Replaced Vernathern Valve with part number 639305. Ground ran no leaks noted at this time. - End -												
	L. Verdiales A&P148580607												
	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.			
Reg. No.: N5746K		Date: May 6, 2004											
Serial No.: D7533		Hobbs Time: 555.2											
Aircraft engine inspected cylinders not affected by Engine Components Incorporated Service Bulletin #04-1, revision 1, dated March 11, 2004 also pertains to AD 2004-08-10 by cylinder model and type. - END -													
 L. Verdiales A&P 148580607													
5-20-04	tech	570	oil changed	filter replaced	CH 48-109	serviced w/ 12 qt	Castrol 100	 1302034					
7-24-04	tech	603	oil changed	filter replaced	CH 48-109	serviced w/ 11 QTs	Castrol 100						
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.			
11/2/06						8	23	48			Replaced 4, prop mounts, installed 4 new PN. 7351231-3 mts. by Barry. eng. ground-run. no defects noted, Installed new R63TXC battery,		
11/11/06											Draned oil, replaced filter (Kelly 48109, serviced with 11 qts Exxon Elite 20w/50w		
5-5-07											Draned oil, replaced filter (Kelly 48109, serviced with 11 qts Exxon Elite 20w/50w		
BROUGHT FORWARD			oil anal. submitted, filter inspected										
TOTALS													

AIP148580607

Whitaker #1302034

John #1302034

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.			
8/07/07											OIL CHANGE - DRAINED OIL, replaced filter Kelly 4809, serviced with 11 QTS Aeroshell 100 oil sent for anal. to Johnston #P1302034		
4/1/07			9	07	08						Removed and re-inst. engine after overhaul by Zephyrus, inst with new Ford mts, hoses, Baffles, Fuel inj. syst. overhauled, all other accessories re-used, eng. ground run All parameters found normal		
BROUGHT FORWARD													
TOTALS													

APD148530607

ENGINE LOG

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

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Zephyr Aircraft Engines, Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. Reassembled in accordance with manufacturer's current overhaul manual. Engine test run. All applicable Airworthiness Directives are in compliance. See A.D. list supplied. A description of these repairs is on file at this agency under:

W.O. # 27172 DATED 10/29/07
 MFG. CONTINENTAL MODEL IO-520-BA
 Serial No. 241712-R Time in svc. _____

Tach: 907:08
 installed + Run 11/1/07

Zephyr Aircraft Engines, Inc.
 Municipal Airport
 39320 B Avenue Zephyrhills, FL 33542



Authorized Signature

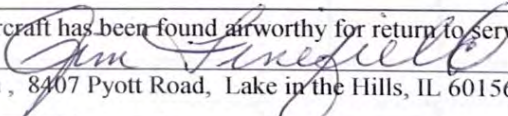
F.A.A. APPROVED REPAIR STATION #VI 4R597M

performed SID 97-3

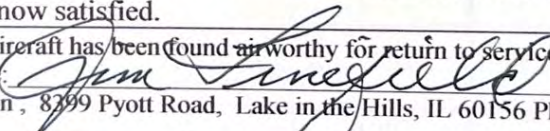
ENGINE LOG

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.			
<p>9-18-09 Test time 1087.2 HRS. Total time Since Major Overhaul 180.2 HRS. Completed Annual Insp. I.A.W. the manufacturers maintenance manual & found airworthy. Jim Lingfield I.A. 3483286.</p> <p style="color: blue; font-size: 1.2em; font-weight: bold;">< SEE NEXT PAGE ></p>													
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.			
FINEFIELD AVIATION													
ENGINE LOG											DATE: 9-18-09		
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH							
	5746K	Beech	S35	D-7533	1087.21	180.2							
<p>I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Compression test: 1) 77/80, 2) 78/80, 3) 78/80, 4) 77/80, 5) 78/80, 6) 78/80. Cleaned induction air filter. Cleaned and gapped spark plugs. Replaced 1 spark plug. Checked magneto timing to Beech specs. Cleaned fuel injectors ultrasonically. Tightened all intake hose clamps. Tightened rocker cover screws. Cleaned fuel controller screen. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 11 qts. 100W Shell oil. Installed new grommets and washers on left tail pipe hangers, tightened hardware and safetied. Replaced #3 CHT gasket probe. Replaced left front motor mount heat shield and retorqued engine mount bolt. Installed new breather hose. Removed left exhaust stack, sent for repair and reinstalled using new gaskets. Patched left rear baffle where cracked. Tightened throttle warning horn micro switch connections. Installed left muffler shroud correctly. Replaced battery box inlet air duct. Installed a spacer on forward rear center cowl support bolt. Tightened prop control rod end bolt and safetied. Replaced broken clamp that holds battery box drain tube at bottom of firewall. Installed anti chafe tape on cowl and gill edges. Lubed controls and checked rigging. Washed down engine. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks.</p>													
<p>This aircraft has been found airworthy for return to service with respect to the work described herein.</p>													
<p>Authorized Signature:  Printed Name: James Finefield AP 353483286 IA</p>													
<p>BROUGHT FOR BY: For Finefield Aviation, 8407 Pyott Road, Lake in the Hills, IL 60156 Phone:</p>													
<p>TOTALS</p>													

ENGINE LOG

DATE	R. P. M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
FINEFIELD AVIATION							
ENGINE LOG					DATE: 9-24-10		
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	
	5746K	Beech	S35	D-7533	1204.96	297.7	
<p>I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Compression test: 1) 78/80, 2) 76/80, 3) 76/80, 4) 76/80, 5) 77/80, 6) 75/80. <u>Changed oil and filter.</u> Cut open old oil filter and found no contaminants. Added 9 qts. 100W Shell oil. Checked magneto to engine timing. Tightened valve cover screws and intake exhaust nuts and bolts. Tightened induction tube hose clamps. Dressed prop blades. Removed spark plugs, cleaned, gapped, applied anti seize compound and new washers, reinstalled and torqued. Cleaned spark plug wire ends. Completed alternator bearing inspection and installed with new exhaust duct. Installed new cooling duct to fuel controller. Reconnected standby alternator to current limiter. Performed precise flight standby vacuum annual and biannual inspection on saddle vent. Installed spinner using new stainless steel screws. Adjusted take off fuel flow. Washed down engine. Lubed controls and checked rigging. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 99-24-10 Precise flight standby vacuum system inspection part B1. Part B1 & B2 due again in 12 months. AD 2009-19-07 Teledyne Continental EQ3 cylinders D.N.A. due to ECI cylinders being installed. AD 2010-11-04 Teledyne Continental lifters D.N.A. due to no lifters being replaced in last 2 years. AD is now satisfied.</p>							
This aircraft has been found airworthy for return to service with respect to the work described herein.							
Authorized Signature: 				Printed Name: James Finefield AP 353483286 IA			
For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858							
BROUGHT F							
TOTALS							

ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICEN NUMB
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
2/26/11	DRAINED OIL & SERVICED WITH 11 qts Aeroshell 100, New oil 48109-1										Filter installed		
	Tach time				1239								
7/16/11	DRAINED OIL & SERVICED WITH 10 qts Aeroshell 100 & 1 qt Marvel Mystery oil												
	NEW CN 48109										FILTER INSTALLED		
											TACH TIME 1267		
													1302034

Classic Aviation, LLC

Shenandoah Valley Regional Airport
Weyers Cave, VA 24486

N5746K

W/O # 11081501

Date 08/15/2011

Hourmeter _____

Tach 1278.5

ACTT _____

ENGINE LOG

Removed top and bottom spark plugs from #1 and #3 cylinders. Cleaned, checked and reinstalled. Ground run normal.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and/or inspected in accordance with current Regulation of the Federal Aviation Agency and is approved for return to service for the work performed.

Signed Dean Showalter

Dean Showalter

Classic Aviation, LLC

A&P # 3126788

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.			
19/12	DRAINED AND		reserued			with 10 qts Aeroshell 100, New filter 48109 installed							
	Total time		1328.0										
14/12	DRAINED AND		reserued			with 10 qts Aeroshell 100 new filter 48109-1					Total time	1362.2	

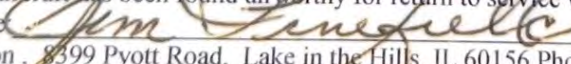
FINEFIELD AVIATION

ENGINE LOG

A/C N#	MAKE	MODEL	A/C S/N	DATE: 9-21-12	
5746K	Beech	S35	D-7533	1390	483
				HM	TSMOH

I certify that this engine has been inspected I.A.W. an annual inspection and was found to be in airworthy condition I.A.W. the Beech maintenance manual. Compression test: 1) 75/80, 2) 74/80, 3) 72/80, 4) 72/80, 5) 72/80, 6) 74/80. Changed oil and filter. Cut open old oil filter and found no contaminants. Added 9 qts. 100W Aeroshell oil. Removed left muffler, sent for repair and reinstalled. Cleaned fuel controller inlet screen, reinstalled and safetied. Tightened rocker cover screws. Installed new starter mounting o-ring, reinstalled and torqued. Tightened induction, breather and instrument air hose clamps. Checked magneto to engine timing. Dressed prop blades. Lubricated Precise flight standby vacuum system control with silicone and checked induction saddle fitting alignment per continued airworthiness annual 3.3.1.1 inspection. Removed spark plugs, cleaned, inspected, gapped and installed one new spark plug in #6 bottom. Lubricated engine controls and checked rigging. Washed down engine. Repositioned throttle warning position switch to specs. Adjusted idle mixture. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. AD 84-26-02 Induction air filter is due for replacement in 120.5 hrs. C/W AD 99-24-10 Precise flight standby vacuum system part B1. Part B1 and B2 due again in 12 months. AD 2012-10-13 Teledyne Continental starter adapter D.N.A. to engine model.


This aircraft has been found airworthy for return to service with respect to the work described herein.

Authorized Signature:  Printed Name: James Finefield AP 353483286 IA
 For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858

ENGINE LOG

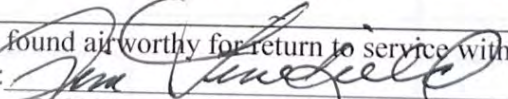
DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1/1/12	Drained oil & serviced with 10 qts 15W50 Shell Replaced oil filter w/Champion 48109 filter										Tach 1408		
3/9/13	Drained oil & serviced with 10 qts AeroShell 15W50 Replaced oil filter										Tach time 1435		
6-19-13	Drained oil & serviced with 10 qts AeroShell 15W50 replace oil filter										Tach time 1477		
5/10/2014	Drained oil & serviced with 10 qts AeroShell 15W50 replaced oil filter										Tach time 1521.00		
9/28/14	Drained oil & serviced with 10 qts AeroShell 15W50 - replaced oil filter										Tach time 1561		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R.	DESCRIPTION	TACH	RE	LICENSE NUMBER
		Date: 10-28-2013	TACH: 1494.43		
	Ground	Registration: N5746K	TTAF: 2657.93		
		Engine: TCM IO-520-BA(3)	TTSMOH: 587.43		
		Prop: 2A36C23-P-EG	TTP: 638.23		
		Serial #: D-7533			
		Serial #: 241712			
		Serial#: 736851			
		<ul style="list-style-type: none"> • Performed Annual Inspection in accordance with FAR 43 appendix D and the Bonanza 33, 35, & 36 Annual Long Form Inspection Guide, reissued March 1985. • Performed Compression check, numbers listed below. Compression check performed using TCM master orifice. Failing indication is 42/80 or below. <ul style="list-style-type: none"> • (1) 74/80 (2) 75/80 (3) 70/80 (4) 70/80 (5) 71/80 (6) 73/80 • Removed, cleaned, and re-installed fuel injector nozzles. • Check fuel screen for contaminants. None noted. • Removed and replaced all spark plugs with new RHB32E. • Drained engine oil and serviced with 10 quarts Aeroshell 100AD and new Tempest AA48109-1 filter. Cut old filter, no contaminants noted. • Lubed all engine controls. • Run-up, mag check, prop check, fuel pressure & flow check, idle & mixture check satisfactory. • All AD's complied with thru this date. • I certify this ENGINE has been inspected in accordance with an Annual inspection and is found to be in an airworthy condition. • I certify the above work was performed in accordance with Manufacturer's specifications and applicable FAR's. I approve this aircraft for return to service. 			
		 James Curtis Boulware A&P 3232817 IA			
		----- END -----			

BROUGHT FORWARD
TOTAL

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.			
FINEFIELD AVIATION													
ENGINE LOG											DATE: 10-13-14		
	A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH							
	5746K	Beech	S35	D-7533	1567.9	660.9							
<p>I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Compression test: 1) 78/80, 2) 76/80, 3) 75/80, 4) 74/80, 5) 75/80, 6) 76/80. Removed right muffler, sent for repair and reinstalled. Tightened intake and exhaust flange nuts and bolts. Removed magnetos for 500 hr inspection. Left magneto p/n: 10-163020-3R, s/n: F061603 and Right magneto p/n: 10-163060-1R s/n: F061606 and reinstalled and timed to engine using new gaskets and drive rubbers. Removed alternator, Delco 1100715R s/n: F123891 for 400 hr inspection. Cleaned commutator slip rings, installed new drive end bearing and seals, reassembled with a new brush holder assembly. Reinstalled alternator using a new gasket. Removed fuel controller screen, cleaned and reinstalled. Installed a new Donaldson paper induction air filter, next due at hobbs time 2067.9 hrs. Installed an overhauled Rapco 216CW vacuum pump s/n: 159466 using a new gasket. Removed starter for repair p/n: 646238, s/n: D-3684, and reinstalled. Installed new push rod tube seals on \$4 cylinder. Removed alternator, cleaned and reassembled using new drive end bearing, gaskets and seals. Dressed prop blades. Washed down engine. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 84-26-02 Induction filter by replacing. Due again in 500hrs. C/W S/B 0546-359 Alternator bearing inspection this date. Due again in 400 hrs.</p>													
<p>This aircraft has been found airworthy for return to service with respect to the work described herein.</p>													
<p>BROUGHT FOR Authorized Signature:  Printed Name: James Finefield AP 353483286 IA</p>													
<p>TO: For Finefield Aviation, 8399 Pyott Road, Lake in the Hills, IL 60156 Phone: 815-459-4858</p>													

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.			

FINEFIELD AVIATION

ENGINE LOG

DATE: 10-29-15

A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH	Actual Time
5746K	Beech	S35	D-7533	1635.6	778.6 723.6	728.6

I certify that this engine has been inspected I.A.W. an annual inspection and was determined to be in airworthy condition I.A.W. the Beech maintenance manual. Compression test: 1) 77/80, 2) 74/80, 3) 78/80, 4) 76/80, 5) 77/80, 6) 76/80. Ultrasonically cleaned all of the fuel injectors, reinstalled and checked for leaks. Changed oil and filter. Cut open old oil filter and found no contaminants. Serviced engine with 10 qts. 100W Shell oil. **Removed the vacuum pump and mounting pad.** Pressed a new drive seal into the pad and reinstalled the pad and pump using new gaskets. Checked the magneto to engine timing and found to specs. Cleaned the fuel controller inlet screen, reinstalled and safetied. Cleaned, gapped and rotated the spark plugs. Repositioned the induction drain fitting and fuel controller hoses and tied off at the hoses. Cleaned the paper induction air filter. Installed a serviceable foam gasket on the air filter frame. Dressed the propeller blade leading edges. Tightened the breather, instrument air and induction hose clamps. Tightened the rocker cover screws. Performed the Precise Flight annual ICA (PAR 3.3.1.1) by lubricating the control and inspecting the vacuum hoses and saddle fitting. Lubricated and checked engine control rigging. Washed down engine. Ran up and checked for leaks found none. Pressure checked engine fuel system and found no leaks. C/W AD 99-24-10 Precise Flight standby vacuum system part B1. Part B1 due again in 12 months. Part B2 due again in 12 months. AD 84-26-02 Paper induction air filter due for replacement in 432.3 hrs. S/B 0546-359 Alternator bearing inspection due again in 332.3 hrs.

BRO This aircraft has been found airworthy for return to service with respect to the work described herein.
 Authorized Signature: *James Finefield* Printed Name: James Finefield AP 353483286 IA
 For Finefield Aviation, 8399 Pyott Road, , Lake in the Hills, IL 60156 Phone: 815-459-4858

MEMORANDA

DATE	
2/20/2016	OIL DRAINED & SERVICED w/ 10 QTS AeroShell W100, Change Filter CH 48109-1
6/4/2016	OIL DRAINED & SERVICED w/ 10 QTS AeroShell W15/50 Changed Filter CH 48109-1

Engine Mfg. Continental
SN 241712-R

Model IO 520 BA 3
Hobbs 1714.4 Hr.

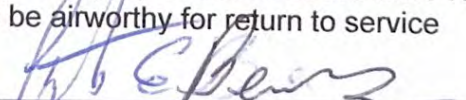
Date Nov. 11, 2016
~~TSOH 857.4 Hrs~~

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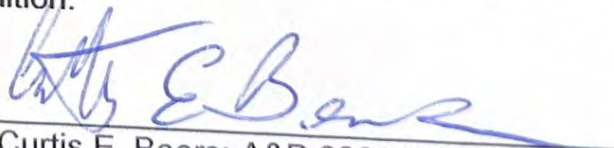
Performed the following maintenance.
 Installed 12 Qts Aero Shell 100AD oil.
 Installed new oil filter, P/N CH48108-1.
 Inspected oil filter for particles, none found.
 Replaced left muffler, P/N A701-4, using the following new hardware.
 (2ea.) clamp, P/N 35-95004-17, (3ea.) spring, P/N 186-218, (3ea.) washer, P/N AN960-10L, (3ea.) nut, P/N AN310-3, (3ea.) cotter pin, P/N 3AN380-2-3.
 Ran up engine. Checked for oil leaks. No leaks found.

TSOH 807.3 Hrs
E Beers
AP1467707 IA

The component(s) and / or discrepancy, (ies) identified above were repaired & inspected in accordance with current FARs & were found to be airworthy for return to service


Curtis E. Beers; A&P 3063640 IA

MEMORANDA

DATE	Engine Mfg. Continental SN 241712-R	Model IO 520 BA 3 Hobbs 1714.4 Hr.	Date Nov. 11, 2016 TSOH 857.4 Hrs TSOH 807.3 Hrs Edward E Beers AP 1467707 IA
	Engine compression was taken cold and values were the following values; #1=78/80, # 2=70/80, #3=78/80, #4=78/80, #5=78/80, #6=78/80. Performed bore scope inspection of cylinders, no defects noted. This engine complies with Teledyne Service bulletin #M84-15, (Cylinder Leakage Check) for performance and is determined to be in compliance. The ECi cylinders have the following serial numbers, #1=49352-07, #2=49586-25, #3=49536-22, #4=49536-12, #5=49536-07, # 6=49189-06, Ran up engine. Checked for oil leaks. No leaks found.		
	Checked for ADs 14-05-29 Superior Air Parts 16-16-12 ECi Cylinders,		NA parts not used. Cylinders must be removed at 1160.0 Hrs TSOH. TT 2067
	I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.		
	 Curtis E. Beers; A&P 3063640 IA		