DATE

TACH OR RECORDING METER TIME

### DESCRIPTION OF WORK PERFORMED --SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



**GOLD SEAL AIRCRAFT ENGINES** 

21 Crastive Place Monkose, CO 81481 www.westernskyways.com

Engine Make: CONTINENTAL	Model: IO-520-BB	
Serial Number: 569868	W/O No: S3169 Date: 02/27/09	_
Warranty Number: B9053	Warranty Start Date: 03/09	
Crankshaft Serial No: N08HA100	Cylinder Part Number: TIST71.4ACA	_
This engine and accessories listed below were	overhauled to "Factory New Tolerances" per Overhaul	
Manual No: X30039A See back compliance. This engine was run in a test cell.	section for Airworthiness Directives and Service Bullet	tir
Manual No: A30039A See back	section for Airworthiness Directives and Service Bullet Total Previous Time: 3211.3 Hrs.	tir

The accessories listed below were new or overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	6310 NEW	08050629	Vac Pump:	N/A	N/A
R/H Mag:	6310 NEW	08063957	Wastegate:	N/A	N/A
Fuel Pump;	646212-16A1	D089106B	Alt/Gen;	N/A	N/A
Inj/Carb:	631415A7	D109104A	Controller:	N/A	N/A
Man Valve:	631427-2A9	D059105C	Controller::	N/A	N/A
Starter:	ES646275-1	I113256	Fuel Limiter::	N/A	N/A
Тигьо;	N/A	N/A	Gov Prop:	N/A	N/A
			Hyd Pump:	N/A	N/A
			Hyd Pump:	N/A	N/A

#### MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Form 200

Repair Station No. WS9R575J

Q	<b>AERO</b>	<b>JACKSON</b>
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JACKSON, MISSISSIPPI

N133GM

Date 3-16-09

Tach, 2728.62

Installed this engine with new shockmounts and fuel and oil hoses. Throttle p/n 36-380061-1, mixture p/n 36-380061-5 and propeller p/n 36-380061-3 control cables replaced. Alternator and propeller governor overhauled by Quality Aircraft Accessories inc. Airconditioner compressor hoses and belt p/n 646293-34.00 replaced. Firewall cable grommets replaced as needed. Heater duct replaced. Rt. muffler replaced p/n K701-5. Serviced engine with 12qts Aeroshell straight mineral oil. Groundran engine. No leaks noted. Tags attached in rear of logbook.

Sheldon A Burgess A&P 2159379 Sheldon a Buryen

ATE	RECORDING METER TIME		JACKSON,MISS	) JACKSON Q				
		N133GM Engine	Date 8-10-2011	Tach. & Total Time 3	161.07	TSO 432.45		
		Compression checked	per Teledyne Contin	ental SB03-3 (1) 52/80 (2 anged oil and filter. Inspec	ted oil filter	55/80 (4) 52/80 (5)	l	
,		engine with 12qts Ph timing checked. Brack	illips X/C 20W50 oil kett airfilter element i	. Cleaned and gapped spar eplaced, p/n BA7112, Rep	kplugs. Fuel laced prop g	strainer cleaned. Ma ov. control rodend.	gneto	
	·	Replaced airpump. Ins Operational checks Of		CW s/n N35916 airpump.	Engine wash	ed and ground ran.		
		I certify that this engin to be in airworthy con Sheldon A Burgess	e has been inspected dition.  A&P 2.159379 IA	in accordance with an ANI Shellon C	NUAL inspe Scirif	ction and was determi	ned	
					9			
Marc	h 20, 2012	, N133GM Aircra	ft Tach Time: 3	249.1 Engine TSO:	520.5			
This i	s a perma: cements w	nent part of the enere accomplished:	ngine records.	The following inspe	ctions, re	epairs, or comp	onent part	
1	. Inspecto	ed this engine in a	accordance witl	n TCM 100 hour in	spection	guidelines.		
— 2 3	. Compre . Timed n	ssion check: 1-63 nagnetos to 22 de	3/80, 2-62/80, grees BTDC.	3-60/80, 4-60/80,	5-71/80	, 6-72/80.		
4.	WILLIAM	qua rumpa A/ C/4	UWOU	netal detected. Inst	alled nev	48109-1 oil fil	ter. Serviced	
5. 6.	. Adjusted	l new Champion I d idle mixture sett	ting.	_				-
	motance	THEW COMPLESSOR	Deit.	ompressor p/n SD-				-
9.	Installec	1 air conditioning 9W1. See 337.	mounting brac	ket after modificati	on by B8	C in accordance	ce with STC	
— The or								- 1
and is	approved	l above has been it for return to servi	repaired and in ice with respec	spected in accorda t to the work perfor	nce with med.	Federal Aviatio	n Regulations	
Tracy	agine listed approved Basom 33746644	l above has been for return to servi	repaired and in ice with respec	spected in accorda t to the work perfor	nce with med.	Federal Aviatio	n Regulations	
Tracy	Basom	l above has been for return to servi	repaired and in	spected in accorda t to the work perfor	nce with med.	Federal Aviatio	n Regulations	
Tracy	Basom	l above has been for return to servi	repaired and in	spected in accorda t to the work perfor	nce with med.	Federal Aviatio	n Regulations	
Tracy A&P 4	Basom 33746644	lor return to servi	ice with respec	spected in accorda t to the work perfor 3266.5 EDM Hobbs	med.		n Regulations	
Tracy A&P 4	Pasom 33746644 y 20, 2012 s is a perm	, N133GM Aircra	oft Total Time: 3	t to the work perior	med.	Tach: 568.6	·	
Tracy A&P 4	Pasom 33746644  y 20, 2012 s is a perm lacements  1. Drain CH48	nanent part of the were accomplished oil, removed file 109-1 Filter. Serv	oft Total Time: 3 engine records ed:  Iter, removed fi	t to the work perior 3266.5 EDM Hobbs 5. The following ins	med. . 3299.2 pections,	Tach: 568.6 repairs, or con	nponent part	
The	Pasom 33746644  y 20, 2012 s is a perm lacements  1. Drain CH48 2. Ran e	a, N133GM Aircra nanent part of the were accomplishe aed oil, removed fil 109-1 Filter. Servengine, no leaks de	oft Total Time: 3 engine records ed: lter, removed fi riced with 12 quetected. s been repaired	3266.5 EDM Hobbs  The following instance.  Iter element, no means.	. 3299.2 pections, etal detec	Tach: 568.6 repairs, or con ted. Installed n ce with Federal	nponent part	
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Page No		·	
DATE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WO	RK
	_	Q AERO JACKSON Q	
	- N133C	Tach. 2789.49 Total Time 3272.17 TSO 60.87	
	Fuel strain	ion check (1) 68/80 (2) 69/80 (3) 71/80 (4) 72/80 (5) 76/80 (6) 65/80. Inspected oil filter. found. Serviced engine with 12 qts Phillips 20W50 X/C oil. Cleaned and gapped sparkplugs. er cleaned. Magneto timing checked. Adjusted lt. magneto timing. Engine washed and ground ran. al checks OK. No leaks noted.	
7	I certify the be in airw L	at this engine has been inspected in accordance with an ANNUAL inspection and was determined to	
	. <i>I</i>	helelen a Burgen Sheldon A Burgess A&P 2159379 IA	
		Q AERO JACKSON Q	·
	Ch	Engine log Date 4.9-09 Tach. 2754.82  nanged oil and filter. Cut old filter open and inspected. No metal found. Serviced eng. with 12 qts. Phillips 20W:  escaled fitting on throttle body and replaced broken spring. Operational check OV. Week 1.1.	AV/0 4
	Ne	esealed fittingon throttle body and replaced broken spring. Operational check OK. Washed and grd. ran eng.  Shellen a Buryen Sheldon A Burgess A&P 21593	
			\ \
	1	Q AERO JACKSON Q  Jackson, Mississippi  N133GM Engine log Date 09-04-09 Hobbs 2840.34	
		Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12 qts. Phillips X/C 20W50 oil. Washed and ground ran engine. No leaks noted. Sheldon A. Burgess A&P 2159379 McClin & Burgen	
		Q AERO JACKSON Q	·
		N133GM Engine log Date 12-8-2009 Tach. 2887.73	
		Changed oil and filter. Cut old filter open and inspected. No metal found.  Serviced eng. with 12 qts. Phillips X/C 20W50 oil. Washed and grd. ran eng.  No leaks noted.	
		No teaks noted.  Sheldon A Burgess A&P 2159379 Sheldon a Burgess	
		AERO JACKSON  JACKSON,MISSISSIPPI	
	N1330	· ·	
	filter. I Cleane p/n 35-	ession check (1) 65/80 (2) 68/80 (3) 70/80 (4) 74/80 (5) 74/80 (6) 78/80. Changed oil and inspected oil filter. No metal found. Serviced engine with 12 qts Phillips X/C 20W50 oil. and gapped sparkplugs. Fuel strainer cleaned. Replaced rt. exhaust stack with overhauled stack -950005-39. AD2009-19-07 Does not apply. ECI cylinders installed at overhaul. AD2009-24-52 tot apply. Superior lifters installed at overhaul. Magneto timing checked. Brackett airfilter element ed. p/n BA7112. Engine washed and ground ran. Operational checks OK. No leaks noted.	
	determ	fy that this engine has been inspected in accordance with an 100hr. inspection and was nined to be in airworthy condition.  Eldon A Burgess A&P 2159379 IA  Sheller C Burgest	

DATE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORM	ING WORK
· - <del></del>	Q	AERO JACKSON Q	
		JACKSON,MISSISSIPPI	
N	133GM Engine	Date 7-15-2010 Tach. 2996.2 Total Time 3478.88 TSO 267.58	
In gap Op	spected oil filter. N pped sparkplugs. F perational checks C	1) 65/80 (2) 66/80 (3) 64/80 (4) 62/80 (5) 64/80 (6) 62/80. Changed oil and filter. To metal found. Serviced engine with 12 qts Exon Elite X/C 20W50 oil. Cleaned and und strainer cleaned. Magneto timing checked. Engine washed and ground ran. by N. No leaks noted.	
I co	ertify that this engi be in airworthy co heldon A Burgess	ne has been inspected in accordance with an ANNUAL inspection and was determined ndition.  A&P 2159379 IA Shellen a Jurgen	
CRS Logbo	#VU8R795K ook Entry Engin	9 Airport Rd., Olive Branch, MS 38654 (662) 893-6775 e: N133GM Tach:3045.6 Date: 10-6-10 es Phillips 20W50, replaced oil filter p/n CH48109-1.	
- ,	wedter that the pasis	standing identified above was inspected and with respect to the work accomplished	,
	vas determined to b 9337	e in all worthy condition. Pertinent details are on file at this repair station under WO#    Worth	
_	1	1	·
	<del>- </del>	AERO JACKSON >>	
	N133GM	Date 2-15-2011 Tach. 3099.0	
	Phillips 20V	il and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12 qt. V50 X/C oil. Washed and grd. ran engine. No leaks noted.  Augess A&P 2159379 Shelller & Buryen	
		Q AERO JACKSON Q	
	N133GM	Date 5-17-2011 Tach. 3144.56	·
·	1 1 1 14	earing p/n 637817 and seal p/n 653171 in A/C drive shaft unit. Replaced compressor /n 646293-34.00. Grd run. No leaks noted.  Burgess A&P 2159379 Shellen a Burgess	
		+ AERO JACKSON ->	
	N133G	,	
	Chang	ed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 12 qt. 20W50 X/C oil. Washed and grd. ran engine. No leaks noted.	
	Sheldon	A Burgess A&P 2159379 Sheller a Buryers	
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	*		

### DATE

TACH OR RECORDING METER TIME

## DESCRIPTION OF WORK PERFORMED --SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



21 Creative Pl. Montrose, CO 81401 (970) 249-0232 800-575-9929 Fax: (970) 249-4155 www.westernskyways.com

Date: 19 October 2012 rach time: 610.3 Total time: 3308.2 Aircraft Model: Beech F33A #1 Engine Model: TCM IO-520-BB Engine total time: 3821.60 #1 Prop Model: PHC-C3YF-1RF/F8068

Reg. Number: N133GM Hobbs Time: 3308.2 Work Order Number: H003023 Serial Number: CE-1170 Serial Number: 569868 Engine TSO: 610.3 Serial Number: QG401B

Removed engine. Modified engine by installation of turbocharger in accordance with Western Skyways STC SE8677SW and Master Drawing List DL92002. Installed engine in accordance with Western Skyways STC SA8676SW and Master Drawing List DL92001. Installed new pressurized magnetos Slick 6320, left serial number 12041569, right serial number 12041563 and new ignition harness M2279. Installed new RPM sensor part number 420809. Installed new rubber magneto drive bushings. Installed overhauled magneto drive gear and accessory drive pad on left side. Replaced #1 and #4 rocker cover gaskets. Installed D'Shannon cooling air baffles in accordance with STC SA368CH and Installation manual DSP-IM95-2. Ground run, leak and operational checks good. Adjusted fuel system per Western Skyways STC instructions. Complied with Western Skyways Service Bulletin WS080324 during installation by rerouting and securing fuel return line to prevent chafing. The aircraft, airframe, engine, propeller, and/or appliance identified above was repaired and/or inspected in accordance with current Regulations of the

Federal Aviation Administration and is hereby returned to service. Pertinent details are on file at this Repair Station on above work order. Repair Station Number WS9R5757/6621

Form 201

October 29, 2012, N133GM Aircraft Total Time: 3316.4 Engine TSO: 618.5

This is a permanent part of the engine records. The following inspections, repairs, or component part replacements were accomplished:

- 1. Inspected this engine in accordance with TCM 100 hour inspection guidelines.
- Compression check: 1-75/80, 2-76/80, 3-74/80, 4-72/80, 5-78/80, 6-76/80.

3. Timed magnetos to 22 degrees BTDC.

- Drained oil, removed filter element, no metal detected. Installed new 48109-1 oil filter. Serviced with 12 qts Phillips X/C 20W-50.
- Installed new BA-7112 Air filter.

The engine listed above has been repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Tracy Easom A&P 433746644

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition, and is approved for return to service.

James E. Roberts IA 1819286

09/29/2014 TCM IO-520-BB S/N: 596868 Tach: 3316.4

TSMOH: 618.5

Performed annual inspection. I certify that this engine was inspected and current AD's checked per revision 2014-14 in accordance to an annual inspection and was determined to be in airworthy condition.

Jeff Powell, A&P 3013211 IA

effhwell

	TACH OR	DECODIDATION OF MODIF DECIDING	
DATE	RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
	•		
	Madison Ai	ir Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358	
		Engine Maintenance Record Entry January 28, 2015	
		Continental IO-520-BB Serial 569868	
<u>`</u>	Damouad auli	Tach 705.9 inders due to cracking intake ports or cylinder wall corrosion. Installed six new Superior SA52006-	
	A20P cylinder	rs assy.'s, serials as follows, 1) 526-L14-16559, 2) 526-L14-16324, 3) 526-L14-16321, 4) 526-L14- 📗	
	SA630046 pis	6-M14-16557, 6) 526-L14-16561. All kits were supplied with ECl AEC648045 pistons. New Superior ston pins from lot 09/15/14 were installed at all positions. Cleaned fuel nozzles, cleaned gapped and	
	inspected spa	ark plugs, Reset magneto to engine timing. Cleaned fuel servo inlet screen. Drained engine oil,	
		p with 12 quarts of Philips XC 20W50 type M, non-detergent oil. Inspected oil filter, no metal noted. safetied into position a new CH48108-1 oil filter. Washed engine, ground ran and leak checked, no	
	leaks noted.	( MAX COUTS	
	David C Er	ntrekin A&P 3398557 All Collins	
		1	
			•
	<u> </u>		1
		Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358	
	Madison /	* #4=1:******** DOCOPO PRITO N 130(3)(1) 130(4)(1)(2)(1)(2)(1)(1)	
	Co	ntinental: IO-520-BB Serial: 569868 Tach: 719.9 TSO 728.4	
	4) Dorf	nce Actions formed 100 hr/annual inspection/maintenance in accordance with Hawker	
	⊢ ' poor	shoroff Donanza Series, 100 HR or Annual Inspection Checklist.	
	2) Perf	formed Differential Compression Check. Results as rigiggagasialollows. 1)	
	0) Dani	0, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.80.	
	3) Drai	0, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.80. ined oil , cut open filter and inspected for metal, none found. Serviced with 11 qts.	
	3) Drai	0, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.80. ined oil, cut open filter and inspected for metal, none found. Serviced with 11 qts. ips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard. complished by Charles R. Hopper, David C. Entrekin and Richard G. Sheridan.	
	3) Drai Philli Work acc	0, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.80. ined oil, cut open filter and inspected for metal, none found. Serviced with 11 qts. ips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard. complished by: Charles R. Hopper, David C. Entrekin and Richard G. Sheridan.	
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	3) Drai Philli Work acc	0, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.80. ined oil, cut open filter and inspected for metal, none found. Serviced with 11 qts. ips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard. complished by: Charles R. Hopper, David C. Entrekin and Richard G. Sheridan.	
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	3) Drai Philli Work acc I certify th conjunction END.	0, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.80. ined oil, cut open filter and inspected for metal, none found. Serviced with 11 qts. ips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard. complished by: Charles R. Hopper, David C. Entrekin and Richard G. Sheridan. his Engine has been inspected in accordance an 100 HR inspection in on with an Annual Inspection and was determined to be in an airworthy condition.	
	3) Drai Philli Work acc I certify th conjunction END.	0, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.80. ined oil, cut open filter and inspected for metal, none found. Serviced with 11 qts. ips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard. complished by: Charles R. Hopper, David C. Entrekin and Richard G. Sheridan. his Engine has been inspected in accordance an 100 HR Inspection in on with an Annual Inspection and was determined to be in an airworthy condition.  A&P 3405349 IA	
	3) Drai Philli Work acc I certify th conjunction END.	0, 2) 70/80, 3) 76/80, 4) 74/80, 5) 76/80, 6) 72.80. ined oil, cut open filter and inspected for metal, none found. Serviced with 11 qts. ips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard. complished by: Charles R. Hopper, David C. Entrekin and Richard G. Sheridan. his Engine has been inspected in accordance an 100 HR Inspection in on with an Annual Inspection and was determined to be in an airworthy condition.  A&P 3405349 IA	A.
	3) Drai Philli Work acc I certify th conjunction END. R.G. She	on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358	A.
	3) Drai Philli Work acc I certify th conjunction END. R.G. She	on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  continental: IO-520-BB Serial: 569868  Tach: 761.4	<b>A</b>
	3) Drai Philli Work acc I certify th conjunction END.  R.G. She  Madiso En	on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  continental: IO-520-BB  Serial: 569868  Tach: 761.4  rined oil , cut open filter and inspected for metal, none found. Serviced with 11 qts.  ined oil , cut open filter and inspected in accordance on bottle Camguard.  Serviced with 11 qts.  ined oil , cut open filter and inspected with 11 qts.  ined oil , cut open filter and inspected with 11 qts.  ined oil , cut open filter and inspected with 11 qts.  ined oil , cut open filter and inspected with 11 qts.  ined oil , cut open filter and inspected with 11 qts.  ined oil , cut open filter and inspected with 11 qts.  ined oil , cut open filter and inspected with 11 qts.  ined oil , cut open filter and inspected for metal, none found. Serviced with 11 qts.  ined oil , cut open filter and inspected with 11 qts.  ined oil , cut open filter and inspected for metal, none found. Serviced with 11 qts.  ined oil , cut open filter and added one bottle Camguard.  ined oil , cut open filter and added one bottle Camguard.  ined oil , cut open filter and added one bottle Camguard.  ined oil , cut open filter and added one bottle Camguard.  ined oil , cut open filter and added one bottle Camguard.  ined oil , cut open filter and added one bottle Camguard.  ined of the filter and added one bottle Camguard.  ined of the filter and added one bottle Camguard.  ined of the filter and added one bottle Camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one bottle camguard.  ined of the filter and added one	<i>λ</i>
	3) Drai Philli Work acc I certify th conjunction END.  R.G. She  Madisa Er  Draine ASL C	on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  continental: IO-520-BB Serial: 569868  Tach: 761.4	A
	3) Drai Philli Work acc I certify th conjunction END.  R.G. She  Madisa Er  Draine ASL C	on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  continental: IO-520-BB  Serial: 569868  Tach: 761.4  cam Guard. Inspected on metal, none found. Serviced with 11 qts.  ips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard.  Sheridan Air Center Rd., Hopper, David C. Entrekin and Richard G. Sheridan.  Inspection in a coordance an 100 HR Inspection in an airworthy condition.  On Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  Tach: 761.4  and engine oil, serviced sump with 11 quarts of Philips XC 20W50 oil, and one pint of Cam Guard. Inspected oil filter, no metal noted. Installed and safetied into position a	<b>A</b>
	3) Drai Philli Work acc I certify th conjunction END.  R.G. She  Madisa Er  Draine ASL C	on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  on Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  continental: IO-520-BB  Serial: 569868  Tach: 761.4  cam Guard. Inspected on metal, none found. Serviced with 11 qts.  ips X/C 20W50 and 1 ea CH48109-1 filter and added one bottle Camguard.  Sheridan Air Center Rd., Hopper, David C. Entrekin and Richard G. Sheridan.  Inspection in a coordance an 100 HR Inspection in an airworthy condition.  On Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358  Tach: 761.4  and engine oil, serviced sump with 11 quarts of Philips XC 20W50 oil, and one pint of Cam Guard. Inspected oil filter, no metal noted. Installed and safetied into position a	<i>A</i>

Enry V reduction	TACH OR RECORDING	DESCRIPTIO	N OF WORK PER	FORMED	The state of the s
DATE	METER Time	SIGNATURE & CERTIFIC	CATE NO. OF PERSON	N PERFORMING WORK	- \
	Madie	on Air Cantor 7450 Old Conton	Dd Madian Ma oo		
	iviauje	on Air Center, 7450 Old Canton Engine Maintenance Record	Entry N133GM	110 (601) 853-9358 August 4, 201	
h	Remo	Continental: IO-520-BB ved propeller governor pn C290	Serial* 569868	Toobs 040 44	
	- goven	nor after overnaut by South Coas	St Propeller Service Ind	C FAA CDS SCHDOOOV.	
<u> </u>	- IAW C	order SR-11102 dated 02 Aug 20 Contiental SID 97-3F. Final result	'S' Unmetered 10 PSI a:	tenn day of the trace	`
	and 27 noted.	100 KPIVI, 40 KPIVJ. Aşe at IQJE, CU	toff. Engine and propel	ller operation normal, no	leaks
		JACO II	Men		
		C. Entrekin			
	- AP 339	98557			
		SOUTH COAST PROPE	ELLER SERVICE, INC.		
<del></del> -		5750 DUROSE DRIVE, E 205-426		:	
		REPAIR STATIO			
	<u> </u>	GOVERNOR DISASSEMBLED, CLE			
	'	MAGNAFLUXED PARTS AS REQUI MANUFACTURER'S SPECIFICATION		TESTED TO	
		C/W MC-SB-156, MC-SB-223, MC-S	B-249A.		
		WORK ORDER # SR-11102	Stylens	•	
		MODEL# C290D3K/T23 SERIAL# 880668	STEPHEN ROSE,		
		DATE 08/02/2016	CHIEF INSPECTOR		
	· · · · · · · · · · · · · · · · · · ·	4. (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	<del>-                                    </del>	· = · · · · · · · · · · · · · · · · · ·	1
	Madison Air (	Center, 7450 Old Canton Rd., Ma	adison, MS, 39110 (60:	1) 853-9358	
		Continental: IO-520-Bb	y N133GM Serial: 569868	August 15, 2016 Tach: %ՏՎ.)	
	Drained engir metal noted. I	ne oil. Captured oil sample nill s nstalled new CH48109-1 oil fike	tream. Removed oil filter	or inoposited and the	
X: V: av:	OF LIMBS VC	ZUVVOU OII and one bint of Camo	Justid Cleaned #6 fual.	injustoe Palenting L. I	
	leaks noted.	retaining straps on turbo output o	duct. Washed engine ar	nd ground ran with no	
		CANAL SALL	<del></del> `	_	
	David C. Entre AP 3398557	ekin ///www.67800	en		
<u> </u>		ter, 7450 Old Canton Rd., Madis	on, MS, 39110 (601) 8	53-9358	
				ugust 19, 2016 : 861.4	
N	aintenance A	ctions	v		
9 NS-60, C. 1- 1	Removed p     Reinstalled	ropeller. Desludged crankshaft. I	Installed new cranksha	ft seal pn 641250.	
	2) Dynamically	balanced propeller at 2500 RPI	M to .05 IPS using ACE	S equipment IAW	
	Hartzell 118	5N instructions			
	avid C. Entreki	Millo Mitter			
- L	D 2200EE7				

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o No	TACH OR RECORDING METER TIME	DESCRIPTION SIGNATURE & CERTIFIC	ON OF WORK PER CATE NO. OF PERSO	RFORMED N PERFORMING WORK
	Ma		and the second s	, 39110 (601) 853-9358
		Engine Maintenance Record Continental: IO-520-BB	Entry N133GM Serial: 569868	December 9, 2016 Tach: 919.9 TSO 919.6
	1) 2) 3) 4) Wo I ce cor EN	Beechcraft Bonanza Series Performed Differential Comp 67/80, 4) 64/80, 5) 69/80, 6) 6 Drained oil. Removed filter ar CH48109-1 filter and saftied. bottle Camguard. Installed 12 new URHB32E s ork accomplished by: Charles R. ertify this Engine has been inspection with an Annual Inspec	100 HR or Annual Insporession Check. Results 59/80. Ind inspected for metal, Service with 11 qts. Propark plugs. Hopper, David C. Entrected in accordance and was determined.	ection Checklist. s as follows: 1) 68/80, 2) 70/80, 3) none found. Installed new nillips X/C 20W50 and added one
	L Dav	Ad C. Entiekii A&P 3396557 IA	4	
		Engine Maintenance Recor Continental: IO-520-	d Entry N133G BB Serial: 569868	
	AS nev	L Cam Guard. Inspected oil filte w CH48109-1 oil filter. Enlarged bbe. Set left and right magneto t	er, no metal noted. Inst   hole in #6 cylinder exl o 22 degree BTC. Ren	alled and safetied into position a naust riser and reinstalled EGT noved turbo scavenge line
	ga <sub>l</sub> #6		heck: #1)63/80, #2 72/	riugs, cleaned, inspected and 80, #3 67/80, #4 73/80, #5 72/80, and ran and leak checked, no leaks
		JACE	Mun	
		vid C. Entrekin 3398557		e.
<del></del> .				
	Mad	ison Air Center, 7450 Old Cant	on Rd., Madison, MS, 3	39110 (601) 853-9358
		Engine Maintenance Record Continental: IO-520-B	d Entry N133GN	July 21, 2017 Tach: 957.3
	Drai	ned engine oil and collected oil	sample mid stream. Se	erviced sump with 11 quarts of
	Phili Insta	ps XC 20W50 oil, and one pint alled and safetied into position a	or ASL Cam Guard. Ins a new CH48109-1 oil fil	spected oil filter, no metal noted. ter.
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	C+~~	ton Bront Dungan	~	į

Stephen Brent Duncan AP 3735203

# User/Installer Responsibilities

		Page No	
	TACH OR	DESCRIPTION OF WORK PERFORMED	
DATE	RECORDING METER	SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
); 	TIME	Oldivit dill a delivition del di le libori i Elibori i Elibori di Manida Wolfin	
	<b>!</b>	A State of	
#	Madison	n Air Center, 7450 Cld Canton Rd., Madison, MS, 39110 (601) 853-9358	
	Foo	gine Maintenance Record Entry W133GM November 22, 2017	
	<b>∤</b> -	Continental: 40-520-BB Serial: 569868 Tach: 1904.7	<del></del> -
	Drained	t engine oil and collected oil sample mid stream. Serviced sump with 11 quarts of	
	bhiling X	xC 20W50 oil, and one pint of ASL Cam Guard, inspected oil filter, no metal noted.	
	installed	d and safetied into position a new CH48109-1 oil filter.	
	H		<del></del>
		40700-	
		n Brent Duncan	
9	AP 3735	5203	
(8) V	Madison	Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358	
	Engi	line Maintenance Record Entry N 1336W	,
80 4 1	Con	ntinental: IO-520-BB Serial: 569868 Tach: 1019.4 TSO: 1004.78	
	Mainten	nance Actions	
	4 '	echcraft Bonanza Series 100 HR or Annual Inspection Checklist.	
	2) Per	rformed Differential Compression Check. Results as follows: 1) 60/80, *2) 20/80	
	(see	the item 4 below), 3) 59/80, 4) 76/80, 5) 72/80, 6) 70/80.  See item 4 below), 3) 59/80, 4) 76/80, 5) 72/80, 6) 70/80.  See item 4 below), 3) 59/80, 4) 76/80, 5) 72/80, 6) 70/80.  See item 4 below), 3) 59/80, 4) 76/80, 5) 72/80, 6) 70/80.	
	3) *Re	emoved #2 cylinder. Reinstalled cylinder after overhald by some seven with a seven with the seven and seven with the seven at the seven	
	•	t DA 7440 Drackott induction all filles	
	4 '	stalled new BA-7112 Bracket induction all filter.  moved filter and inspected for metal, none found. Installed new CH48109-1 filter	
		a or t	
		d sattled. eaned fuel nozzles and servo valve screen. Reinstalled with new seals and gaskets	
\$6.07 c	,	<b>1</b>	
	l cortify f	this Engine has been inspected in accordance an <b>100 HR Inspection</b> in	
	conjunct	this Engine has been inspected in accordance at 100 mm and airworthy condition.	
	COnjune	LA CAR CHILL	
		fallollen-	
	David C	Entrekin A&P 3398557 IA	
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Bolton	<u> </u>		
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1. Approving National Aviation 3. Form Tracking Number: Authority/Country: AUTHORIZED RELEASE CERTIFICATE TACH OR RECORDING FAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG J180081 DATE 4. Organization Name and Address: John Jewell Aircraft, Inc. (JUJR300L) 5. Work Order/Invoice Number: METER Phone (662) 252-6377 TIME 171 A.Q. Greer Dr. Holly Springs, MS 38635 J180081 6 Item: 7 Description: 8 Part Number: 9 Eligibility: \* 10 Quantity: 11 Serial/Batch Number; 12 Status/Work: (Various) J180081 Madison Steel IO520 SEE BLOCK 13 Cylinder Eng Drained **V50** Philips X installed 13. Remarks: Serviceable. Complete Assembly. CHOKE: .002 BORE: 5.252 See Work Order Summary for details 14. Certifies the items identified above were manufactured in 19. 10 14 CFR 43.9 Return to Service 13 Other regulation specified in Block 13 conformity to: Certifies that unless otherwise specified in Block 13, the work identified in Block Approved design data and are in a condition for safe operation. 12 and described in Block 13 was accomplished in accordance with Title 14, Code Stephen of Federal Regulations, part 43 and in respect to that work, the items are approved ☐ Non-approved design data specified in Block 13. AP 3735 for return to service. 16. Approval/Authorization No.: 15. Authorized Signature; 20. Authorized Signature: 21. Approvat/Authorization No.: AD Payme JUJR3001 17. Name (Typed or Printed): 18. Date (m/d/y): 22. Name (Typed or Printed): 23. Date (m/d/y): Madison . D. Payne 1-11-2018 Engi FAA Form 8130-3 \*Installer must cross-check eligibility with applicable technical data, Coni Maintenance Actions Performed 100 hr/annual inspection/maintenance in accordance with Hawker Beechcraft Bonanza Series 100 HR or Annual Inspection Checklist. Performed Differential Compression Check. Results as follows: 1) 60/80, \*2) 20/80 (see item 4 below), 3) 59/80, 4) 76/80, 5) 72/80, 6) 70/80. \*Removed #2 cylinder. Reinstalled cylinder after overhaul by John Jewell Aircraft FAA CRS JUJR300L. Work was performed on work order J180081 dated 1-11-2018. Installed new BA-7112 Brackett induction air filter. Removed filter and inspected for metal, none found. Installed new CH48109-1 filter and saftied. Cleaned fuel nozzles and servo valve screen. Reinstalled with new seals and gaskets I certify this Engine has been inspected in accordance an 100 HR Inspection in conjunction with/an Annual Inspection and was determined to be in an airworthy condition. WILOUU David C. Entrekin A&P 3398557 IA

NISSOM CYLINDER # Z. E. LOFT.