

Blue Ribbon Engine,

VAN DUSEN TECHNICAL SERVICES

Piston Products 1701 East Main Street Griffith, IN 46319

(219) 924-7110

The Standard



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DATE ·	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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	صينياء	A S CHESTON	しっとかし	MAED WITH O-4/O CHANA TALL
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-		A 400 1900 A	1 11 141	COLUMN ALKINATION
	S. 24	132×	1 N 9	ALLED TAPPET PODIES 12FA INSTALLE
	3/ 1/4	RAF	T SPE	CIALTIES UNDER YLO. 742328. INSTALLE SA537401-A3(M10) AND SA630826 (M
	35454	1 C- S	HT PN	NKSHAFT GEAR F.N. 657175 AND BOLT
	NBTALL	FD N	EW CF	DIL PUMP GEARS PN'S 538609 AND
	HOTAL	JED.	NEW	12 (ELING 12N 539525)
1	<u> 2N.534</u>	115725) WITH	BUSHING PN. 539525.
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INS BER OF NYRIES.)	DATE RECORDING TOTAL DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS TACH TODAYS TIME IN ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
- <u></u>	"CONTINUED"
3-B	JUNE 2017 TACH: 14800 ENGTT! TSMOH! O.O
ED	INSTAULED NEW (GEA) CONTINENTAL CYLINDER
	ASSY'S PAL G58597A3BE ENGINE ASSEMBLED
GEAR	WITH GASKET SET EN SA 530092-A)O FOR MAJOR
	OVERHAUL. THIS ENGINE HAS BEEN OVERHAULED
235777	IN ACCORDANCE WITH THE CONTINENTAL O-470
WITH	OVERHAUL MANUAL AND IS BETURNED TO SERVICE.
<u>, 130</u> 03	Jerry of Contingentary
UNDER	1 ASP 3546652 /A Jerry Delayste
NSPECTE	N42262 ENGINE LOGBOOK ENTRY 3-9-2018-18 TACH TIME 1527.4
TALLED	ENGINE TOTAL TIME 4411.94 ENGINE TOTAL TIME SINCE O/H 47.4
326 (MG	Oil screen, no metal found. Screen cleaned and reinstalled. Checked compression: (1) 78/80 (2) 76/80 (3) 76/80 (4) 76/80 (5) 78/80 (6) 74/80. Serviced engine with
SCIT	11 ots. Phillips 100 oil, Replaced Brackett Air Filter element. Cleaned and gapped
<u> </u>	spark plugs. Engine washed and ground run, operational check OK, no leaks noted.
	I certify that this ENGINE has been inspected in accordance with an ANNUAL
	INSPECTION and found to be in airworthy condition.
School Street,	David Townes Cox IA 2679578

ATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRI
				,
	4/	/17/2019	N42262	Tach 1572.04 SMOH 92.04
7	T	ect riin e	engine Di	rained oil Inspection of screen found no debris or metal.
\dashv	Cleaned o	ranned a	and rotated	1 spark plugs. Compression check #1 73/80 #2 73/80 #3 74/80
	#4 74/80 ·	45 75/R	1 46 72/80). Boroscope of cylinders no problems noted. Cleaned fuel
	#4 /4/00	<i>HD 15</i> 700 A replac	ed sir filte	er with new BA-8103-1. Replaced missing exhaust nut on #1
-	SCIECH and	d reprae	ranlaced r	missing valve cover screw #5. Serviced engine with 11 qts
_	and #5 cy	111100137	olua Groi	and Test run engine no leaks noted. See AD listing this date. I
1	Aerosnen		թյած, Օւս	fill I Cot I all Cite ino tours works we
- 1	ALC: T.I.		naatad thi	e engine in accordance with a 100 hour inspection and found it
\dashv	certify I h	nave insp	pected this	s engine in accordance with a 100 hour inspection and found it
	certify I h	nave insp vorthy a	pected this t this time	s engine in accordance with a 100 hour inspection and found it
	certify I h	nave insp vorthy a	pected this	s engine in accordance with a 100 hour inspection and found it
	certify I h to be airw Kenneth	nave insp vorthy a E. Aasar	pected this t this time nd AP/IA	s engine in accordance with a 100 hour inspection and found it. 3335662
	certify I h to be airw Kenneth	nave insporthy and E. Aasan	pected this t this time and AP/IA	Sengine in accordance with a 100 hour inspection and found it is a 3335662 Remark F. January 10 Old Canton Rd., Madison, MS, 39110 (601) 853-9358
	certify I h to be airw Kenneth	nave insporthy and E. Aasan	pected this t this time and AP/IA	of Old Canton Rd., Madison, MS, 39110 (601) 853-9358 National Research N42262 August 26, 2019
	certify I h to be airw Kenneth	nave insporthy and E. Aasan	pected this t this time and AP/IA	Sengine in accordance with a 100 hour inspection and found it is a 3335662 Remark F. January 10 Old Canton Rd., Madison, MS, 39110 (601) 853-9358
	certify I h to be airw Kenneth	nave insporthy are E. Aasan on Air Ce	pected this t this time nd AP/IA enter, 7450 ngine Mair Continen	Old Canton Rd., Madison, MS, 39110 (601) 853-9358 National Canton Rd., Madison, MS, 39110 (601) 853-9358
	certify I h to be airv Kenneth Madise	nave insponential and instance in Air Con Air	pected this t this time nd AP/IA enter, 7450 ngine Mair Continen	of tured oil sample mid stream. Inspected screen with no metal noted. Security Continued in the continued i
	certify I h to be airv Kenneth Madise	nave insponential and instance in Air Con Air	pected this t this time nd AP/IA enter, 7450 ngine Mair Continen	of tured oil sample mid stream. Inspected screen with no metal noted. Security Continued in the continued i
	certify I h to be airv Kenneth Madise	nave insponential and instance in Air Con Air	pected this t this time nd AP/IA enter, 7450 ngine Mair Continen	Old Canton Rd., Madison, MS, 39110 (601) 853-9358 National Canton Rd., Madison, MS, 39110 (601) 853-9358
	certify I h to be airv Kenneth Madise	nave insponential and instance in Air Con Air	pected this t this time nd AP/IA enter, 7450 ngine Mair Continen	of tured oil sample mid stream. Inspected screen with no metal noted. Security Continued in the continued i
	certify I h to be airv Kenneth Madiso	nave insponential and instance in Air Con Air	pected this time of AP/IA enter, 7450 regine Mair Continent of Screen with continent of WP Plus of	of tured oil sample mid stream. Inspected screen with no metal noted. Security Continued in the continued i

IONS UMBER OF ENTRIES.)	DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	19	1). Pe 2) Per 3) Inst 4) Inst Apri 202 on c 5) Inst PAH 6) Dra oil f 7) Res Work Perfor	nformed Anformed Anformed Cornalled new in alled Allowood 105, 1994, 0 New how alled he will alled enging liter and sa blaced oil dependenced Annuals. No defeate this and sa cordinate and sa	enter, 745 Engrent of Engression changed in the engression changed in the engression change in the engression change in the engression of	ine Maintenance Entry N4262 May 11, 2020 D-470-R S/N: 98 92-5-R-R Tach: 1608.3 TSO: 128.3 ion/maintenance in accordance with Cessna 182 Series Service Manual Checklist. Ieck. #1) 74/80, #2) 75/80, #3) 74/80, #4) 72/80, #5) 76/80, #6) 73/80 (MOT 40/80). Ifilter pn BA-8103-1. Ifilter pn BA-8103-1. Ifilter system kit AFC-K008 IAW Airwolf Filter Corp STC SA00079NY issuance date ammended date October 31, 2012, AML item 24. See FAA Form 337 dated 7 May 2011-10CR0164 and 124J001-10CR0162 manufactured by Boeing Dallas hose shop 6881 dated 5-4-20 installed. B000925 sn 2088608. Cooler produced by Aero Classics Heat Transfer Products Incorder 2088608 dated 10 Apr 2020. Bained oil sample. Inspected filter, no metal was noted. Installed a new CH48108-1 led oil sump with 11 qts Aeroshell 100VV Plus. Entrekin and Larence D. Zavoina Lin accordance with 14 CFR 43 App D. Performed ground run and operational

PATE	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 (ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER (MECHANIC OR REPAIR FACILITY, (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIE)
				- MC 30110 (601) 853-9358
	-	Eng	Continet	Old Canton Rd., Madison, MS, 39110 (601) 853-9358 Page 12 2020 Phance Entry N42262 September 12 2020 Phance Control O-470R SN: 98592-5-R-R Tach: 1624.9
	1 Di	ained en	gine dil, cap	tured oil sample mid stream. Removed oil filter and inspected. No metal d48109-1 filter and saftied. Serviced sump with 10 qts Aeroshell 100W. e and ground ran, no leaks noted.
	Charle	es R.: Hor 64582	oper ()	P. Wyma
		en Re	ENGIN I filter remo mpression: gine with 10 eplaced 2ea ound run, o	2 ENGINE LOGBOOK ENTRY 5-20-2021 TACH TIME 1652.96 E TOTAL TIME 4537.5 ENGINE TOTAL TIME SINCE O/H 172.96 ved and inspected, no metal found. New oil filter installed. Checked (1) 74/80 (2) 72/80 (3) 72/80 (4) 72/80 (5) 74/80 (6) 76/80. Serviced Oqts. Aeroshell 100 Plus oil. Replaced Brackett Air Filter element. spark plugs. Cleaned and gapped spark plugs. Engine washed and perational check OK, no leaks noted.
		IN	ISPECTIO1	his ENGINE has been inspected in accordance with an ANNUAL and found to be in airworthy condition. Solve Cox IA 2679578 Solve IA 2679578
			avid TOMIC	1

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	1		Changed en quarts Philli PN: BA810 PN: CS056- new mounti noted.	25-R-R compress gine oil: ips X/C 23-1, Rep-1 (x2) Cing hardy	TACH ion check and filter I 20W-50. C laced both S056-2 (x ware. Was diance rece gine has b ondition.	N42262 ENGINE LOGBOOK ENTRY 10-15-2021 TACH TIME 1692.62 Engine ground run. Oil drained, Oil filter removed, cut open and inspected. No metal found. New oil filter installed and saftied. Serviced with 10qts. Phillips 20W50 oil. Engine washed and ground run, no leaks noted. David Townes Cox A&P 2679578 4090 AIRPORT ROAD, BOLTON, MS 39041 LY 2022 N42262 TCM O-470-R H: 1718.51 TT: 4603.05 SMOH: 238.51 : #1-74/80 #2-72/80 #3-69/80 #4-71/80 #5 69/80 #6 72/80 (MO 42). PN: AA48109. Inspected filter, no metal noted. Serviced with 10 Cleaned, gapped, and reinstalled spark plugs. Installed new air filter in exhaust collectors with new PN: K0750161-67A (x2) and clamps (x2). Replaced alternator with OH PN: DOFF10300J S/N: 13917 and hed engine and performed ground run, operational check ok, no leaks ord attached een inspected IAW with an annual inspection and was determined to

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	MARC,	INIC		4090 AIRPORT ROAD, BOLTON, MS 39041
	ENGINE		20	JAN 2023 N42262 TCM O-470-R
	G G T 007	00 C D	R TA	CH: 1753.78 TT: 4638.32 SMOH: 273.78
			1 1 1/14	er PN: CH48109-1. Inspected filter, no metal noted. Serviced with 10
	quarts P	hillips X	/C 20W-50). Washed engine and performed ground run, operational effect on, is
	leaks no	ted.		(A)
	D. McL	ain Walk	er AP 426	9034
				- 1 7/35
				Tach 1/6000
<u> </u>				135,10
		1		9.7
				
				QN/111-2737
)/ 10 11 / v. 1(
				7.1
				283,5

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS, AND ALTERATIONS TOTAL RECORDING DATE DATE: July 20, 2023 NIS Engine SOH: 283.55 Engine ABER OF REG. NO.: N42262 TACH: 1763.55 ENTRIES.) Tennessee Aircraft Services, Inc. MAKE: CONT MOTOR 2313 Technology Center Drive MODEL: O-470 SERIES Jackson, TN 38301 _{S/N:} 98592-R-R 731-42:1-7227 39041 2. Drained engine oil and took sample for analysis. Removed oil filter and opened for inspection with no discrepancies noted. 1. Performed 100 hour inspection with reference to FAA CRS 43 Appendix D. Localized engine on and took sample for analysis. Nethbood on filter and opened its inspection with no discrepancies reded.

Installed new filter and serviced engine with oil. Engine ground check run satisfactory. (12) P/N Phillips XC 20W50 - Oil, P/N AA48109 - OIL FILTER, P/N Oil Analysis Kit - Blackstone. h 10 3. Compressions: 1-74/80, 2-60/80, 3-71/80, 4-65/80, 5-73/80 & 6-60/80. Master orifice 44/80. 4. Performed engine cylinder borescope inspection with no discrepancies noted. k, no 5. Magneto to engine timing checked and found within specifications. 6. Carburetor fuel inlet screen removed, inspected, cleaned, reinstalled and leak checked good. P/N CF16-A48 - Gasket, 7: Spark plugs cleaned, gapped, resistance checked, and rainstalled in accordance with Continental MM M-0. (10) P/IN AN4027-1 -9. Installed 3 new clamps to secure and re-position the fuel flow transmitter. (2) P/N MS21913-WDG17 - Clamp, P/N MS21919washer. 8. Safetied both retaining bolts on alternator bracket. 10. Installed and sealed the new baffle behind the oil cooler, P/N AF0750152-3 - Oil cooler Baffle. 11. Adjusted left magneto timing to 22 degrees BTC per engine data plate. 13. Installed new seal on the starter in accordance with the Continental MM M-J Appendix 8 chart 8-2. P/N A53578-038 - o-ring, Starler (TCM). 14. Installed new safety wire on carburetor upper screw. 15. See FAA Form 337 this date for removal of the vacuum pump and air oil separator. 16. Installed 2 new spark plugs in accordance with Continental Maintenance Manual M-0 Appendix B chart B-2. (2) P/N URHM40E Work Order: 9078 . Tempest Spark Plug. Signed: A&P IA: 3240614 Chikomb, Rukang.

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ENG S/N: Char quart	98592-5-F	e oil and X/C 20V	/-50, Wasi		
EN S/N Per Cle R&	eaned, gap tR LH ma Igneto PN ound run, G	ped, and gneto w/6210 SN operation of complithing this enginerative controls.	on check: # reinstalled SVC PN 6 90080165 al check o ance recor ne has bee ndition.	1785.94 TT: 4671.38 SMOH: 303.74 1-70/80 #2-50/80 #3-58/80 #4-63/80 #5 71/80 #6 67/80 (MO 42). I spark plugs. Installed new air filter PN: BA8103-1. 310 SN OFF: 94080115; SN ON: 07030685. Removed RH is, installed PN 6310 SN 07030686. Washed engine and performed k, no leaks noted. I attached. In inspected IAW with an annual inspection and was determined to the control of the cont	

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'IONS UMBER - OF : ENTRIES.)		20	DATE	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1					3995 FLYING LANE #5-5 STEVENSVILLE, MT 59870 www.girgraffmognetoservice.com	Partificate	Maintenance Release Maintenance Release The aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Perfinent details of the repairs under Work Order # 50585 are herein attached pated by AUG 2224 Inspected By KDLLA Cent. # AP 3668140 SERVICE ABLE Name UNISCH Unit SLICK MAGNETO Part # (32)6 Ser. # 07030686 Aircraft Disposition RETURN TO SERVICE Reason For Removal 500HR INSPECTION IAW MED'S CEDUTCE INSTITUTION Removed By MM S Bulletins 500HR INSPECTION IAW MED'S CEDUTCE INSTITUTION
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NA NA Chan Phillily 71/80, 4 Shel	HAWKII N42262 Date Changed oil and filter. Cut old filter of Phillips 20W50 X/C oil. Washed and g 71/80, #3 73/80, #4 74/80, #5 74/80, Sheldon A Burgess A&P 2159379	HAN Ilter. Cut old Coil. Wash 4 74/80, #5 SSS A&P 21	HAWKINS SE JACKS N42262 Changed oil and filter. Cut old filter open and ins Phillips 20W50 X/C oil. Washed and grd. ran eng /80, #3 73/80, #4 74/80, #5 74/80, #6 72/80. Sheldon A Burgess A&P 2159379	HAWKINS SERVICE CENTER JACKSON, MISSISSIPPI N42262 Changed oil and filter. Cut old filter open and inspected. No metal found. Serviced engine with 10 qt. S0, #3 73/80, #4 74/80, #6 72/80. Sheldon A Burgess A&P 2159379 AMMERIA CENTTER Tach. 1792.28 Tach. 1792.28	
Chan Phillij 71/80, 4 Shel	42262 nged oil and f ps 20W50 X/ #3 73/80, #4 Idon A Burge	HAN ilter. Cut olc //C oil. Wash 4 74/80, #5 sss A&P 21	WKINS Date 12-4- filter open ar led and grd. ra 5 74/80, #6 7 159379	SERVICE CENTER ACKSON, MISSISSIPPI 1024 Tach. 1792.28 Tinspected. No metal found. Serviced engine with 10 qt. engine. No leaks noted. Compression check. #1 72/80, 180.	
Chan Phillip 71/80, #	12262 1ged oil and f ps 20W50 X/ #3 73/80, #4	ilter. Cut old /C oil. Wash 4 74/80, #5	Date 12-4- I filter open ar led and grd. ra 5 74/80, #6 7	Tach. 1792.28 Tach. 1792.28 Tach. 1792.28 Tinspected. No metal found. Serviced engine with 10 qt. engine. No leaks noted. Compression check. #1 72/80, 180.	
Chan Phillip 71/80, #	12262 1ged oil and f ps 20W50 X/ #3 73/80, #4 Idon A Burge	ilter. Cut olc /C oil. Wash 4 74/80, #5	Date 12-4- 1 filter open ar 1ed and grd. ra 5 74/80, #6 7	Tach. 1792.28 I inspected. No metal found. Serviced engine with 10 qt. engine. No leaks noted. Compression check. #1 72/80, 180.	
Chan Phillip 71/80, # Shel	12202 12 1 20 20 20 20 20 20 20 20 20 20 20 20 20	ilter. Cut old /C oil. Wash 4 74/80, #5 ss A&P 21	1 filter open ar ed and grd. ra 5 74/80, #6 7 159379	I inspected. No metal found. Serviced engine with 10 qt. engine. No leaks noted. Compression check. #1 72/80, 180.	
Chan Phillip 71/80, 4 Shel	nged oil and fi ps 20W50 X/ #3 73/80, #4 Idon A Burge	ilter. Cut old /C oil. Wash 4 74/80, #5 sss A&P 21	1 filter open ar ed and grd. ra 5 74/80, #6 7 159379	inspected. No metal found. Serviced engine with 10 qt. engine. No leaks noted. Compression check. #172/80, /80.	
71/80, 3 Shel	ps 20 w 30 .A. #3 73/80, #4 Idon A Burge	4 74/80, #5 ss A&P 21			
Shel	ldon A Burge	SS A&P 21		norman a property	