



Blue Ribbon Engine

VAN DUSEN TECHNICAL SERVICES

Piston Products

1701 East Main Street

Griffith, IN 46319

(219) 924-7110

The Standard

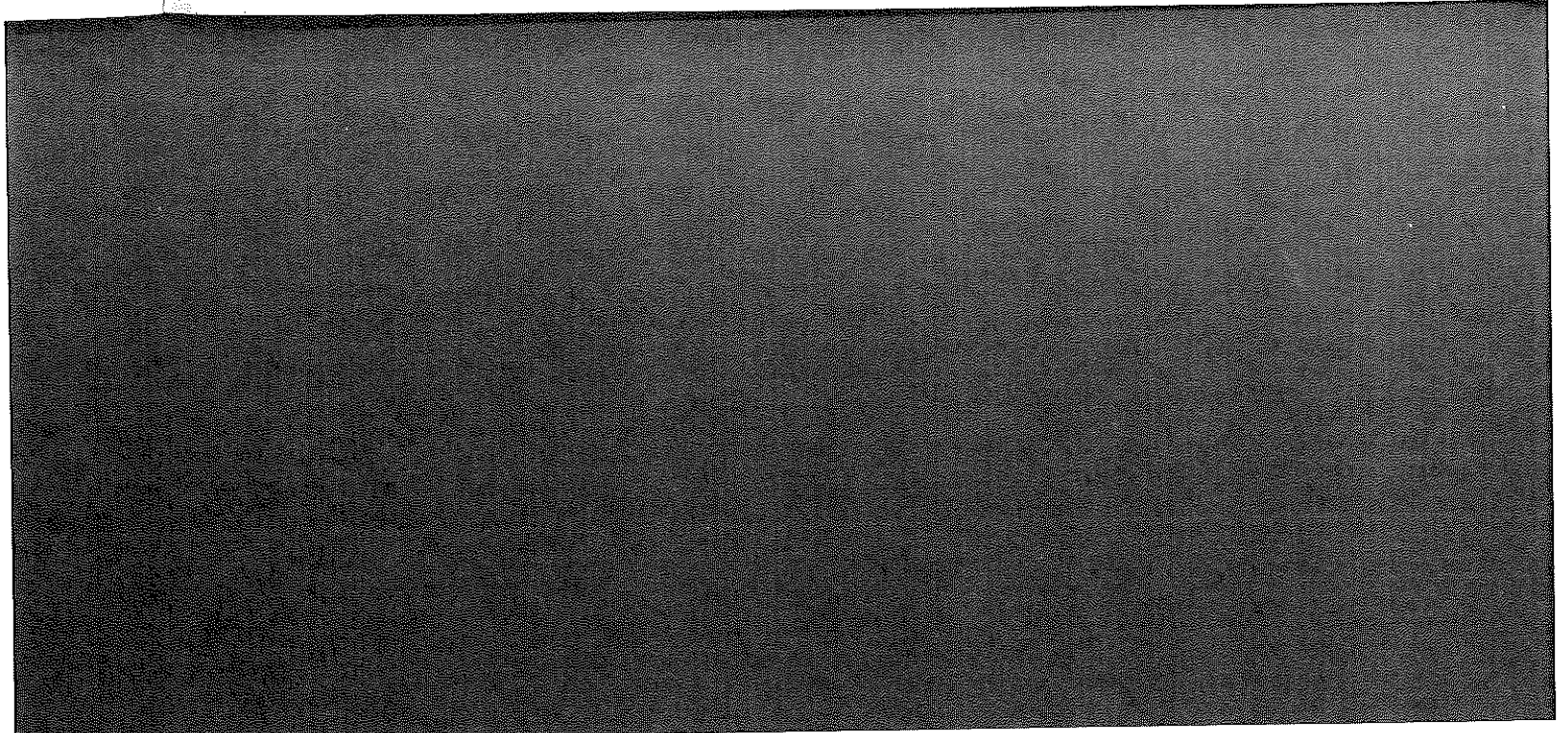


ENGINE LOG

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1 JUNE 2017	TACH: 1480.0	ENG TT: 4364.54	TSMOH 0.0	DISASSEMBLED CONTINENTAL O-470R SN. 98592-5-R-R FOR OVERHAUL. CASE HALVES INSPECTED AND REPAIRED UNDER DIYCO WORK ORDER NO. 119167. CAMSHAFT SN. 535601, ROCKER ARMS, IDLER GEAR, CAMSHAFT GEAR INSPECTED UNDER RICK ROMANS WORK ORDER NO. 51493. CRANKSHAFT REPLACED WITH O-470 CRANKSHAFT SN. 823577 MAIN JOURNALS, O10 ROD JOURNALS O10 ASSEMBLED WITH COUNTERWEIGHTS P.N. 6039196, O-470 CONNECTING ROD SN. 742030-11, INSPECTED BY AIRCRAFT SPECIALTIES UNDER W.O. 242328. INSTALLED TAPPET BODIES 12FA INSPEC BY AIRCRAFT SPECIALTIES UNDER W.O. 242328. INSTALL BEARING SET P.N. SA537401-A3(M10) AND SA630826(M INSTALLED NEW CRANKSHAFT GEAR P.N. 657175 AND BOLT INSTALLED NEW OIL PUMP GEARS P.N.'S 538609 AND P.N. 539525 WITH BUSHING P.N. 539525.
				"CONTINUED"

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 2 RODS
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 INSPECTED
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				"CONTINUED"
JUNE 2017	TACH: 1480.0		ENGT: TSMOH 0.0	INSTALLED NEW (GEA) CONTINENTAL CYLINDER ASSY'S P.N. G58597A3BP. ENGINE ASSEMBLED WITH BASKET SET P.N. SA 536092-A10 FOR MAJOR OVERHAUL. THIS ENGINE HAS BEEN OVERHAULED IN ACCORDANCE WITH THE CONTINENTAL O-470 OVERHAUL MANUAL AND IS RETURNED TO SERVICE. <i>Jerry Debaugh</i> ADP 3546652 YA Jerry Debaugh
				N42262 ENGINE LOGBOOK ENTRY 3-9-2018-18 TACH TIME 1527.4 ENGINE TOTAL TIME 4411.94 ENGINE TOTAL TIME SINCE O/H 47.4 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 11 qts. Phillips 100 oil. Replaced Brackett Air Filter element. Cleaned and gapped 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. David Townes Cox IA 2679578 <i>David Townes Cox</i>



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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4/17/2019 N42262 Tach 1572.04 SMOH 92.04

Test run engine. Drained oil Inspection of screen found no debris or metal. Cleaned gapped and rotated spark plugs. Compression check #1 73/80 #2 73/80 #3 74/80 #4 74/80 #5 75/80 #6 72/80. Boroscope of cylinders no problems noted. Cleaned fuel screen and replaced air filter with new BA-8103-1. Replaced missing exhaust nut on #1 and #3 cylinders replaced missing valve cover screw #5. Serviced engine with 11 qts Aeroshell 100W plus. Ground Test run engine no leaks noted. See AD listing this date. I certify I have inspected this engine in accordance with a 100 hour inspection and found it to be airworthy at this time.

Kenneth E. Aasand AP/IA 3335662 *Kenneth E. Aasand*

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Engine Maintenance Entry N42262 August 26, 2019
Continental O-470R SN: 98592-5-R-R Tach: 1587.66

1. Drained engine oil, captured oil sample mid stream. Inspected screen with no metal noted. Reinstalled screen with new MS35869-48 crush gasket and saftied. Serviced sump with 11 qts Aeroshell 100W Plus oil. Washed engine and ground ran, no leaks noted.

David C. Entrekin
David C. Entrekin
AP 3398557

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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.)
				<p><i>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</i></p> <p>Engine Maintenance Entry N42262 May 11, 2020 TCM O-470-R S/N: 98 '92-5-R-R Tach: 1608.3 TSO: 128.3</p> <ol style="list-style-type: none"> 1) Performed Annual inspection/maintenance in accordance with Cessna 182 Series Service Manual Checklist. 2) Performed compression check. #1) 74/80, #2) 75/80, #3) 74/80, #4) 72/80, #5) 76/80, #6) 73/80 (MOT 40/80). 3) Installed new induction air filter pn BA-8103-1. 4) Installed Airwolf remote oil filter system kit AFC-K008 IAW Airwolf Filter Corp STC SA00079NY issuance date April 05, 1994, most recent ammended date October 31, 2012, AML item 24. See FAA Form 337 dated 7 May 2020. New hoses pn 124J001-10CR0164 and 124J001-10CR0162 manufactured by Boeing Dallas hose shop on customer order 1005876881 dated 5-4-20 installed. 5) Installed new oil cooler pn 8000925 sn 2088608. Cooler produced by Aero Classics Heat Transfer Products Inc PAH PQ2543NM on work order 2088608 dated 10 Apr 2020. 6) Drained engine oil and obtained oil sample. Inspected filter, no metal was noted. Installed a new CH48 108-1 oil filter and saftied. Serviced oil sump with 11 qts Aeroshell 100V Plus. 7) Replaced oil dipstick housing adel mounting clamp. <p>Work performed by David C. Entrekin and Larence D. Zavoina</p> <p>Performed Annual Inspection in accordance with 14 CFR 43 App D. Performed ground run and operational checks. No defects noted at this time. I certify this engine has been inspected in accordance 100 hour inspection in conjunction with an ANNUAL INSPECTION and is determined to be in an airworthy condition. END.</p> <p><i>L D Z</i> Lawrence D. Zavoina AP/IA 250965638</p>

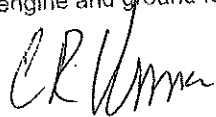
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Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

Engine Maintenance Entry N42262 September 12 2020
Continental O-470R SN: 98592-5-R-R Tach: 1624.9

1. Drained engine oil, captured oil sample mid stream. Removed oil filter and inspected. No metal noted. Installed new CH48109-1 filter and saftied. Serviced sump with 10 qts Aeroshell 100W. plus oil. Washed engine and ground ran, no leaks noted.

Charles R. Hopper
AP 3564582



N42262 ENGINE LOGBOOK ENTRY 5-20-2021 TACH TIME 1652.96
ENGINE TOTAL TIME 4537.5 ENGINE TOTAL TIME SINCE O/H 172.96
Oil filter removed and inspected, no metal found. New oil filter installed. Checked
compression: (1) 74/80 (2) 72/80 (3) 72/80 (4) 72/80 (5) 74/80 (6) 76/80. Serviced
engine with 10qts. Aeroshell 100 Plus oil. Replaced Brackett Air Filter element.
Replaced 2ea spark plugs. Cleaned and gapped 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.

David Townes Cox IA 2679578



NUMBER 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.)
	1652.96			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.
	1692.62			

David Townes Cox
A&P 2679578



MARC, INC. 4090 AIRPORT ROAD, BOLTON, MS 39041

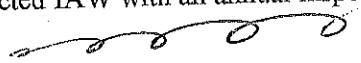
ENGINE 01 JULY 2022 N42262 TCM O-470-R
 S/N: 98592-5-R-R TACH: 1718.51 TT: 4603.05 SMOH: 238.51



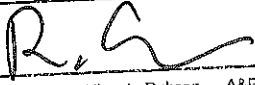
Performed compression check: #1-74/80 #2-72/80 #3-69/80 #4-71/80 #5 69/80 #6 72/80 (MO 42).
 Changed engine oil and filter PN: AA48109. Inspected filter, no metal noted. Serviced with 10
 quarts Phillips X/C 20W-50. Cleaned, gapped, and reinstalled spark plugs. Installed new air filter
 PN: BA8103-1. Replaced both exhaust collectors with new PN: K0750161-67A (x2) and clamps
 PN: CS056-1 (x2) CS056-2 (x2). Replaced alternator with OH PN: DOFF10300J S/N: 13917 and
 new mounting hardware. Washed engine and performed ground run, operational check ok, no leaks
 noted.

Complete AD compliance record attached.

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

FRANK MAY A&P 426239616IA



DATE	RECORDING	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
	REG. NO: N42262 MAKE: CONT MOTOR MODEL: O-470 SERIES S/N: 98592-R-R	 Engines <i>Tennessee Aircraft Services, Inc.</i> 2313 Technology Center Drive Jackson, TN 38301 731-424-7227	 DATE: July 20, 2023 Engine SOH: 283.55 TACH: 1763.55
			<ol style="list-style-type: none"> 1. Performed 100 hour inspection with reference to FAA CRS 43 Appendix D. 2. Drained engine oil and took sample for analysis. Removed oil filter and opened for inspection with no discrepancies noted. 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. 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. 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. Carburetor Fuel Screen w/ tangs. 7. Spark plugs cleaned, gapped, resistance checked, and reinstalled in accordance with Continental MM M-0. (10) P/N AN4027-1-washer. 8. Safetied both retaining bolts on alternator bracket. 9. Installed 3 new clamps to secure and re-position the fuel flow transmitter. (2) P/N MS21913-WDG17 - Clamp, P/N MS21919-WDG14 - clamp. 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. 12. Adjusted right magneto timing to 22 degrees BTC per engine data plate. 13. Installed new seal on the starter in accordance with the Continental MM M-0 Appendix B chart B-2. P/N AS3578-038 - o-ring. Starter (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 - Tempest Spark Plug.
	Signed: _____	 Chikomb, Rukang. A&P IA: 3240614	Work Order: 9078

NUMBER OF ENTRIES.)

39041

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3.78

9.77

73.78

9.77

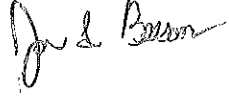
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MARC, INC. 4090 AIRPORT ROAD, BOLTON, MS 39041

ENGINE 01 APRIL 2024 N42262 TCM O-470-R
S/N: 98592-5-R-R TACH: 1781.83 TT: 4666.37 SMOH: 301.83

Changed engine oil and filter PN: AA48109. Inspected filter, no metal noted. Serviced with 10 quarts Phillips X/C 20W-50. Washed engine and performed ground run, operational check ok, no leaks noted.

Jon Beeson AP4754166 

MARC, INC. 4090 AIRPORT ROAD, BOLTON, MS 39041

ENGINE 29 AUG 2024 N42262 TCM O-470-R
S/N: 98592-5-R-R TACH: 1785.94 TT: 4671.38 SMOH: 305.94

Performed compression check: #1-70/80 #2-50/80 #3-58/80 #4-63/80 #5 71/80 #6 67/80 (MO 42).
Cleaned, gapped, and reinstalled spark plugs. Installed new air filter PN: BA8103-1.

R&R LH magneto w/SVC PN 6310 SN OFF: 94080115; SN ON: 07030685. Removed RH magneto PN 6210 SN 90080165, installed PN 6310 SN 07030686. Washed engine and performed ground run, operational check ok, no leaks noted.

Complete AD compliance record attached.
I certify that this engine has been inspected IAW with an annual inspection and was determined to be in an airworthy condition.
Billy Miller Jr. AP428290395IA 