

N4425B CURRENT
ENGINE LOGBOOK



ASA-SE-2

Engine Record General Information

Manufacturer TCM

Model T0470K

Serial 92564-8-K-R

Type Certificate _____

This engine is currently installed in aircraft: N4425B

Minimum Octane Fuel _____

Oil Grade Summer _____

Winter _____

Magneto Time _____

Point Setting _____

Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

225 hp @ 2600

YEAR
20
DATE

JACOBS AIRCRAFT COMPANY / JACKSON, MS.

530 TERMINAL DRIVE 39209 / 601 948 1601

N4425B ENGINE LOGBOOK ENTRY 8-10-10 TACH TIME 2990.24

This engine logbook started this date for N4425B. All hours in service taken from previous original log books. ENGINE TOTAL TIME 3053.24ENGINE TOTAL TIME SINCE O/H 1156.94

David Townes Cox A&P 2679578

David Townes Cox

Repairs and Alterations

(and Certificate Number of as for other specific entries.)

JACOBS AIRCRAFT COMPANY / JACKSON, MS.

530 TERMINAL DRIVE 39209 / 601 948 1601

N4425B ENGINE LOGBOOK ENTRY 8-10-10 TACH TIME 2990.24

ENGINE TOTAL TIME 3053.24ENGINE TOTAL TIME SINCE O/H 1156.94

Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1) 58/80 (2) 22/80 (3) 70 /80 (4) 52 /80 (5) 50/80 (6) 50/80. Serviced engine with 10qts. Aeroshell W100 oil. Replaced Brackett Air Filter element. Cleaned fuel injector nozzles. Cleaned and gapped spark plugs. Oil cooler was replaced with new P/N 8000925-NE, S/N 2088099. Exhaust system visually inspected. Installed helical and replaced 1ea exhaust stud on #1 cylinder. Engine washed and ground run, operational check OK, no leaks noted.

I certify this Engine has been inspected in accordance with a Visual inspection and:

was determined to be in airworthy condition. 8-10-10

For: David Townes Cox A&P 2679578

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530 TERMINAL DRIVE 39209 / 601-948-1601

Replaced 1ea. exhaust port stud on #1 cylinder. Replaced all hardware on lt and rt exhaust manifold ball joints.

David Townes Cox A&P 2679578

Daniel Zee Tap

531 TERMINAL DRIVE 39209 / 601-948-1601

Engine ground run. Oil drained, Oil filter removed, cut open, and inspected. No metal found. New oil filter installed. Serviced with 8qts. Aeroshell W100 oil. Engine washed and ground run, no leaks noted.

David Townes Cox
A&P 2679578

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YEAR

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JACOBS AIRCRAFT COMPANY / JACKSON, MS.
530 TERMINAL DRIVE 39209 / 601 948 1601

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N4425B ENGINE LOGBOOK ENTRY 10-25-11 TACH TIME 3034.47

ENGINE TOTAL TIME 3097.43 ENGINE TOTAL TIME SINCE O/H 1201.17

Oil filter inspected, no metal found. New oil filter installed. Checked compression:
(1) 62/80 (2) 65/80 (3) 70/80 (4) 65/80 (5) 55/80 (6) 58/80. Serviced engine with
8qts. Aeroshell W100 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



JACOBS AIRCRAFT COMPANY / JACKSON, MS.
530 TERMINAL DRIVE 39209 / 601-948-1601

N4425B 7-19-12 ENGINE LOGBOOK ENTRY TACH TIME 3067.00

Engine ground run. Oil drained, oil filter removed, cut open, and inspected. No
metal found. New oil filter installed. Serviced with 8 qts. Aeroshell W100 oil.
Engine washed and ground run, no leaks noted.

David Townes Cox
A&P 2679578



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530 TERMINAL DRIVE 39209 / 601 948 1601

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ENGINE TOTAL TIME 3139.98 ENGINE TOTAL TIME SINCE O/H 1243.72

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

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>N4425B ENGINE LOGBOOK ENTRY 2-3-14 TACH TIME 3124.4 ENGINE TOTAL TIME 3187.36 ENGINE TOTAL TIME SINCE O/H 1291.1 Oil filter inspected, no metal found. New oil filter installed. C/W AD 96-12-22 by inspection of oil filter adapter per AD. All cylinders removed and sent for overhaul, see attached work orders for details. Repaired cylinders reinstalled with new gaskets and seals. Serviced engine with 10qts. Aeroshell 100 Mineral oil. Replaced Brackett Air Filter element. Cleaned fuel injector nozzles. Cleaned and gapped spark plugs. Engine washed and ground run, operational check OK, no leaks noted.</p> <p>I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.</p> <p>David Townes Cox IA 2679578 <i>David Z Cox</i></p>
				<p>N4425B 12-8-14 ENGINE LOGBOOK ENTRY TACH TIME 3157.12</p> <p>Engine ground run. Oil drained, Oil filter removed, cut open, and inspected. No metal found. New oil filter installed. Serviced with 9qts. Aeroshell W100 oil. Engine washed and ground run, no leaks noted.</p> <p>David Townes Cox A&P 2679578 <i>David Z Cox</i></p>

YEAR 20 DATE	RE TA TIN	<p>N4425B ENGINE LOGBOOK ENTRY 3-11-2015 TACH TIME 3173.98 ENGINE TOTAL TIME 3236.94 ENGINE TOTAL TIME SINCE O/H 1340.68</p> <p>Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)72 /80 (2) 72/80 (3) 74/80 (4) 74/80 (5) 70/80 (6) 70/80. Engine oil not changed at this time. (16hrs since oil change) C/W AD 96-12-22 by inspection of oil filter adapter per AD. Replaced Brackett Air Filter element. Cleaned and gapped spark plugs. Repaired 1ea exhaust stud on #2 cylinder. Engine washed and ground run, operational check OK, no leaks noted.</p> <p>I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.</p> <p>David Townes Cox IA 2679578 <i>David Townes Cox</i></p>	<p>rations mber of entries.)</p>
		<p>N4425B ENGINE LOGBOOK ENTRY 5-2-2016 TACH TIME 3205.59 ENGINE TOTAL TIME 3268.55 ENGINE TOTAL TIME SINCE O/H 1372.29</p> <p>Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)72 /80 (2) 70/80 (3) 70/80 (4) 74/80 (5) 62/80 (6) 58/80. Engine serviced with 10qts C/W AD 96-12-22 by inspection of oil filter adapter per AD. Remarked oil filter jam nut with torque putty. Replaced Brackett Air Filter element. Cleaned and gapped spark plugs. Replaced 1ea exhaust gasket on #6 cylinder. Engine washed and ground run, operational check OK, no leaks noted.</p> <p>I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.</p> <p>David Townes Cox IA 2679578 <i>David Townes Cox</i></p>	

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>N4425B ENGINE LOGBOOK ENTRY 6-23-2017 TACH TIME 3227.69 ENGINE TOTAL TIME 3290.65 ENGINE TOTAL TIME SINCE O/H 1397.39</p> <p>Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)68 /80 (2) 64/80 (3) 74/80 (4) 72/80 (5) 60/80 (6) 68/80. Engine oil drained, serviced with 10qts Phillips 100AD oil C/W AD 96-12-22 by inspection of oil filter adapter per AD. Replaced Brackett Air Filter element. Cleaned and gapped spark plugs. Engine washed and ground run, operational check OK, no leaks noted.</p> <p>I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.</p> <p>David Townes Cox IA 2679578 <i>David Cox</i></p>
				<p>N4425B ENGINE LOGBOOK ENTRY 8-17-2018 TACH TIME 3246.65 ENGINE TOTAL TIME 3309.46 ENGINE TOTAL TIME SINCE O/H 1416.35</p> <p>Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)72 /80 (2) 68/80 (3) 76/80 (4) 74/80 (5) 60/80 (6) 56/80. Engine oil drained, serviced with 10qts Phillips 100AW oil C/W AD 96-12-22 by inspection of oil filter adapter per AD. Replaced Brackett Air Filter element. Cleaned and gapped spark plugs. Replaced right tail pipe clamps. Replaced left tail pipe hanger bracket. Engine washed and ground run, operational check OK, no leaks noted.</p> <p>I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.</p> <p>David Townes Cox IA 2679578 <i>David Cox</i></p>

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N4425B ENGINE LOGBOOK ENTRY 12-4-2018 TACH TIME 3254.15

Replaced ignition harness assembly. Installed new Kelly Aerospace Harness Assembly, P/N KA12828. New wiring secured. Replaced alternator drive belt. Installed new P/N 539547-31.19 belt. Secured breather line with adel clamps. . Engine ground run, operational check OK

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David Townes Cox

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N4425B ENGINE LOGBOOK ENTRY 10-1-2019 TACH TIME 3266.91
ENGINE TOTAL TIME 3329.72 ENGINE TOTAL TIME SINCE O/H 1436.61

Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)64 /80 (2) 74/80 (3) 72/80 (4) 74/80 (5) 56/80 (6) 60/80. Engine oil drained, serviced with 10qts Phillips 100AW oil C/W AD 96-12-22 by inspection of oil filter adapter per AD. Replaced Brackett Air Filter element. Cleaned and gapped spark plugs. Cleaned fuel injector nozzles. 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.

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David Townes Cox

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cific entries.)

Tach: 3302.0 TSMOH: 1471.4

Charles R Taylor A&P 3734996 IA

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Engine Maintenance Entry
TCM IO-470-K S/N: 92564-8-K-R

N4425B

2/8/23

N4425B 2/8/25
Tach: 3318.5 TSMOH: 1487.9

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Performed engine compression test 1) 55/80 2) 55/80 3) 70/80 4) 52/80 5) 62/80 6) 55/80. Verified magneto timing. Cleaned gapped and inspected spark plugs. Drained engine oil and inspected oil filter. Filter OK collected oil sample. Installed new AA48110-2 filter and serviced engine with 10qts AS W100+ oil. OPS check all engine controls. Installed new intake filter BA-7112. Installed new P/N 537296 push rod tube on #1 cylinder.

Performed Annual Inspection in accordance with TCM IO-470 series Service Manual. Performed ground run and operational checks. No defects noted at this time.

I certify this Engine has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.

Charles R Taylor A&P 3734996 IA

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