N4425B CURRENT ENGINE LOGBOOK



The Standard

- ENGINE LOG

ASA-SE-2

Engine Record General Informa	tion	
		•
Manufacturer_TCM	Model TO4	70K
Serial 92564-8-K-R	Type Certificate	
This engine is currently installed in	n aircraft: N 4425B	
Minimum Octane Fuel		Winter
Magneto Time		
Spark Plug Gap		
Manufacturer's Recommended Ove	rhaul at hours	
	0.01	

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	tepairs and Alterations and Certificate Number of es for other specific entries.)
	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 OF 1156.94 David Townes Cox A&P 2679578	ous /H
	JACOBS AIRCRAFT COMPANY / JACKSON, MS. 530 TERMINAL DRIVE 39209 / 601 948 1601	
Oil filte (1) 58/8 10qts. A injector P/N 80 and rep	N4425B ENGINE LOGBOOK ENTRY 8-10-10 TACH TIME 2990.24 E TOTAL TIME 3053.24ENGINE TOTAL TIME SINCE O/H 1156.94 or inspected, no metal found. New oil filter installed. Checked compression: B0 (2) 22/80 (3)70 /80 (4)52 /80 (5) 50/80 (6) 50/80. Serviced engine with Aeroshell W100 oil. Replaced Brackett Air Filter element. Cleaned fuel or nozzles. Cleaned and gapped spark plugs. Oil cooler was replaced with new 00925-NE, S/N 2088099. Exhaust system visually inspected. Installed helical blaced 1ea exhaust stud on #1 cylinder. Engine washed and ground run, onal check OK, no leaks noted.	
	eccordance with a provide instruction was determined to be in all worthy condition. For: Tytzans AMP42782	pection ande:
er en		

20 Date	TACH TIME	FLIGHT	JACOBS AIRCRAFT COMPANY/ JACKSON, MS 530 TERMINAL DRIVE 39209 / 601-948-1601
			N4425B ENGINE LOGBOOK ENTRY 12-20-2010 TACH TIME 3008.3
	-	,	Replaced 1ea. exhaust port stud on #1 cylinder. Replaced all hardware on It and rt exhaust manifold ball joints.
	,		David Townes Cox A&P 2679578 Dail Zon Cap
			· · · · · · · · · · · · · · · · · · ·
			JACOBS AIRCRAFT COMPANY/ JACKSON, MS 531 TERMINAL DRIVE 39209 / 601-948-1601
			N4425B 4-11-11 ENGINE LOGBOOK ENTRY TACH TIME 3026.34 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.
<u>.</u>			David Townes Cox A&P 2679578 David Townes Cox
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YEAR 20 DATE	JACOBS AIRCRAFT COMPANY / JACKSON, MS. 530 TERMINAL DRIVE 39209 / 601 948 1601 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 (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	and Alterations rtificate Number of ner specific entries.)
	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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>ns of ∋s.)	•	YE 20 DAT	JACOBS AIRCRAFT COMPANY / JACKSON, MS. 530 TERMINAL DRIVE 39209 / 601 948 1601	, Repairs and Alterations ng and Certificate Number of ages for other specific entries.)
	in the state of th		N4425B ENGINE LOGBOOK ENTRY 11-14-2012 TACH TIME 3077.02 ENGINE TOTAL TIME 3139.98 ENGINE TOTAL TIME SINCE O/H 1243.72 Oil filter inspected, no metal found. New oil filter installed. Checked compression: (i1)60/80 (2) 60/80 (3) 70/80 (4) 68/80 (5) 50/80 (6) 52/80. Serviced engine with 8 qts. Aeroshell W100 oil. Replaced Brackett Air Filter element. Cleaned and gapped-spark plugs. Replaced lower 6 spark plugs. C/W AD 96-12-22 by inspection of oil filter adapter per AD. Engine washed and ground run, operational check OK, no leaks noted.	
	į		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.)
		insp see and Air Eng	ENGINE To filter inspected ection of oil fattached work seals. Services Filter elementation washed an ertify that this	B ENGINE LOGBOOK ENTRY 2-3-14 TACH TIME 3124.4 OTAL TIME 3187.36 ENGINE TOTAL TIME SINCE O/H 1291.1 Id, no metal found. New oil filter installed. C/W AD 96-12-22 by filter adapter per AD. All cylinders removed and sent for overhaul, corders for details. Repaired cylinders reinstalled with new gaskets ed engine with 10qts. Aeroshell 100 Mineral oil. Replaced Brackett t. Cleaned fuel injector nozzles. Cleaned and gapped spark plugs. Indigenous ground run, operational check OK, no leaks noted. ENGINE has been inspected in accordance with an ANNUAL and found to be in airworthy condition.
		Engii meta Engi	N4425B 12- ne ground run I found. New	-8-14 ENGINE LOGBOOK ENTRY TACH TIME 3157.12 a. Oil drained, Oil filter removed, cut open, and inspected. No oil filter installed. Serviced with 9qts. Aeroshell W100 oil. d ground run, no leaks noted.

YEAR 20 Date	RE TA TIN	ENGINE TOTAL TIME 3236.94 ENGINE TOTAL TIME SINCE O/H 1340.68 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,	rations mber of entries.)
		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	
		N4425B ENGINE LOGBOOK ENTRY 5-2-2016 TACH TIME 3205.59 ENGINE TOTAL TIME 3268.55 ENGINE TOTAL TIME SINCE O/H 1372.29 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. 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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ons of ⊝s.)

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Altera Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific e	oer of
		(1)68 service adapt plugs I cert	ENGINE TO Iter inspected /80 (2) 64/80 ed with 10qts er per AD. Re. Engine was ify that this EECTION and	ANGINE LOGBOOK ENTRY 6-23-2017 TACH TIME 3227.69 TAL TIME 3290.65 ENGINE TOTAL TIME SINCE O/H 1397.39 In o metal found. New oil filter installed. Checked compression: In (3) 74/80 (4) 72/80 (5) 60/80 (6) 68/80. Engine oil drained, In Phillips 100AD oil C/W AD 96-12-22 by inspection of oil filter eplaced Brackett Air Filter element. Cleaned and gapped spark hed and ground run, operational check OK, no leaks noted. INGINE has been inspected in accordance with an ANNUAL defound to be in airworthy condition. In I	
		Oil filt (1)72 / service	N4425B ENGINE TOT er inspected, (80 (2) 68/80 ed with 10qts	NGINE LOGBOOK ENTRY 8-17-2018 TACH TIME 3246.65 AL TIME 3309.46 ENGINE TOTAL TIME SINCE O/H 1416.35 no metal found. New oil filter installed. Checked compression: (3) 76/80 (4) 74/80 (5) 60/80 (6) 56/80. Engine oil drained, Phillips 100AW oil C/W AD 96-12-22 by inspection of oil filter	
		plugs. washe I certi	Replaced rig d and ground fy that this EN ECTION and	the tail pipe clamps. Replaced left tail pipe hanger bracket. Engine run, operational check OK, no leaks noted. NGINE has been inspected in accordance with an ANNUAL found to be in airworthy condition. IA 2679578	

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ations		YEAR	RECOR		N4425B ENGINE LOGBOOK ENTRY 12-4-2018 TACH TIME 3254.15	Alterations
per of ntries.)		20	TACH !			ate Number of pecific entries.)
	;	DATE		Rej	placed ignition harness assembly. Installed new Kelly Aerospace Harness sembly, P/N KA12828. New wiring secured. Replaced alternator drive belt.	
				Ins	talled new P/N 539547-31.19 belt. Secured breather line with adel clamps	
	•			En	gine ground run, operational check OK	
				Da	wid Townes Cox A&P 2679578 Wal Zee	
			-	<u></u>		
	· .				N4425B ENGINE LOGBOOK ENTRY 10-1-2019 TACH TIME 3266.91	
					ENGINE TOTAL TIME 3329.72 ENGINE TOTAL TIME SINCE O/H 1436.61	
	_			(1)64	ilter inspected, no metal found. New oil filter installed. Checked compression: 4/80 (2) 74/80 (3) 72/80 (4) 74/80 (5) 56/80 (6) 60/80. Engine oil drained,	
				servi	iced with 10qts Phillips 100AW oil C/W AD 96-12-22 by inspection of oil filter per AD. Replaced Brackett Air Filter element. Cleaned and gapped spark	
	,			plug	s. Cleaned fuel injector nozzles. Engine washed and ground run, operational	-
				chec	k OK, no leaks noted.	
	-			I cer	tify that this ENGINE has been inspected in accordance with an ANNUAL	
				INS	PECTION and found to be in airworthy condition.	
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YEAR 20 Date	RECORDING TACH TIME	TO FLI	N4425B ENGINE LOGBOOK ENTRY 5-18-2020 TACH TIME 3279.71 Removed and replaced leaking oil cooler and oil cooler adapter gaskets. Old gaskets
			Cleaned off and new gaskets installed. Engine washed and ground run, no leaks noted. David Townes Cox A&P 2679578
		ENGINE TOTAL TIME 3 Oil filter inspected, no metal fo (1)74 /80 (2) 55/80 (3) 70/80 (4) serviced with 10qts Phillips 100 adapter per AD. Replaced Brace plugs. Engine washed and ground I certify that this ENGINE has INSPECTION and found to be	N4425B ENGINE LOGBOOK ENTRY 12-3-2020 TACH TIME 3283.7 ENGINE TOTAL TIME 3446.5 ENGINE TOTAL TIME SINCE O/H 1453.4 Oil filter inspected, no metal found. New oil filter installed. Checked compression: (1)74 /80 (2) 55/80 (3) 70/80 (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. 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
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	Madison Air, 7450 Old Canton Rd., Madison, MS, 3		-\Iterations
5	Engine Maintenance Entry N4425B TCM IO-470-K S/N: 92564-8-K-R Tach: 3	2/5/22 302.0 TSMOH: 1471.4	Number of cific entries.)
uspecialist STI Company - 1-4 commence and the distributions of	Performed engine compression test 1) 62/80 2) 62/80 3) 72/80 4) 70/80 magnetos to 22* before TDC. Cleaned gapped and inspected spark plu plugs. Drained engine oil and inspected oil filter. Filter OK collected of filter and serviced engine with 10qts AS W100+ oil. OPS check all engassembly and installed Overhauled cylinder assembly P/N 536727 S/N Complied with AD 96-12-22 next due 3402.0	gs. Installed 2 new REM 40E spark oil sample. Installed new AA48110- gine controls. Removed #5-cylinder	-2
96.039 (5700-745-2010-2017)	Performed Annual Inspection in accordance with TCM IO-470 series S run and operational checks. No defects noted at this time.	Service Manual. Performed ground	
They are defined the state of t	I certify this Engine has been inspected in accordance with an ANNUA determined to be in an airworthy condition. Charles R Taylor A&P 3734996 IA	AL INSPECTION and was	
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3 d.

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 10gts 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 K Taylor A&P 3734996 IA	Mad	Engine Mai	d Canton Rd., Mad	ison, MS, 39110 (N4425B	601) 853-1960 2/8/23 TSMOH: 1487.9	nd Alterations cate Number of specific entries.)
timing. Cleaned gapped and inspected shall have AA48110-2 filter and serviced engine with 10qts AS W 1004 on. OT be collected oil sample. Installed new AA48110-2 filter and serviced engine with 10qts AS W 1004 on. OT be 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	TCM I	O-470-K S	/N: 92564-8-K-K	racii: 00 roio		
run and operational checks. No defects noted in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition. Charles R Taylor A&P 3734996 IA	timing. Cleaned g collected oil samp check all engine c	apped and inspect ole. Installed new A controls. Installed i	AA48110-2 filter and new intake filter BA-7	serviced engine wit 1112. Installed new	P/N 537296 push rod tube on	
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	Performed Annua	at inspection in act	ects noted at this time	•		
Charles R Taylor A&P 3734996 IA	run and operation	iai ollooko, 2,5 a.e.		at an ANNUIAL IN	SPECTION and was	
Charles R Taylor A&P 3734996 IA	I certify this Eng	ine has been inspe	cted in accordance wi	ui an Airirona ii		
	determined to be	in an airworth co	onunon.			
	Charles & Faylo	r A&P 3734996 IA	4			
	Charles R Tuylo	<u> </u>				
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