

LEFT

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N 6770X

Engine Manufacturer CONT.

Model I0-470-D

Serial No. CS105176-8-D-R.

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

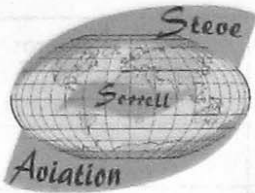
- | | |
|--------------------------------|--|
| <input type="checkbox"/> Right | <input checked="" type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2003				TOTALS brought forward from previous page
08:01	2696.3	1.0		OVERHAULED CONT ENGINE IO-470 D
	Holds 321.9			SER # CS105176-8-D-R. ALL WORK PERFORMED
				I/A/W ACCEPTABLE METHODS, TECHNIQUES, AND
				PRACTICES AS DESCRIBED IN AC43-13, THIS
				ENGINE HAS BEEN DISASSEMBLED, CLEANED,
				INSPECTED, REPAIRED AS NECESSARY, AND
				REASSEMBLED: CASE DYE CHECKED AND
				LINE BORED; CRANK, MAGNA FLUXED AND
				POLISHED TO M-10; CAM AND FOLLOWERS
				REWORKED; INSTALLED ALL NEW CRANK
				BEARINGS (10 OVER) AND THRUST BEARINGS.
				ALL CYL. (6), NEW RINGS, SPARK PLUGS AND
				VALVE GUIDES; VALVES AND SEATS RE-
				SURFACED; ROCKER ARMS (12) NEW BEARINGS
				AND RE-FACED. ALL REMAINING STEEL PARTS
				WERE MAGNA FLUXED / INSPECTED AND FOUND
				TO BE IN SERVICABLE CONDITION. INSTALLED
				ALL NEW GAS KETS, SEALS, PLUGS, + OTHER
				HARDWARE. THIS ENGINE HAS BEEN TESTED
				I/A/W APPROVED STANDARDS + TECHNICAL DATA
				ACCEPTABLE TO THE ADMINISTRATOR, WHICH
				HAS BEEN DEVELOPED + DOCUMENTED BY
				THE HOLDER OF THE TYPE CERTIFICATE.
				AFTER MEETING THE TEST STAND REQUIREMENTS,
				THIS ENGINE WAS FOUND TO BE AIRWORTHY AND
				RETURNED TO SERVICE IN OVERHAULED COND.
				<div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> ATP <div style="background-color: black; width: 100px; height: 15px; display: inline-block;"></div> IA
				SUB-TOTALS this page TOTALS—Carry forward to next page

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12-31-04			715.8	Engine installed on aircraft Cleaned fuel screens, replaced oil cooler with used, replaced fuel pump gasket. Installed mags from removed engine, starter and gen. new exhaust gaskets. 12 qts Shell mineral oil test run and adjusted. Oh. [Redacted Signature] I/A
6-9-05			739.4	HOBBS 739.4 6-9-05 INSTALLED OVERHAULED FUEL CONTROL ADJUSTED TEST RUN OR OIL & FILTER CHANGED 10 QTS 50WAX DETERGENT TOMBINS A/P [Redacted Signature] I/A

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Steve Sorrell Aviation, Inc.

Fort Pierce, FL 34946

Phone: [REDACTED] Fax: [REDACTED]

Cell: [REDACTED]

LOG BOOK ENTRY

August 15, 2007
N6770X
Hobbs: 765.6
LH Engine
SMOH: 49.8

Comp#1 68/80, #2 70/80, #3 68/80, #4 68/80, #5 74/80, #6 60/80. Change oil and filter PN: AA48110. Serviced with 12 quart Aeroshell w/100. Cleaned gapped and tested all sparkplugs. Replaced #5 fuel injector line PN: 628153. Replaced induction air filter PN BA-2305. Ground run and leak check good.

[REDACTED] *AS P* [REDACTED]

August 15, 2007
N6770X
Hobbs: 765.6
LH Engine
SMOH: 49.8

I certify this engine has been inspected in accordance with annual inspection found airworthy and approved for return to service. [REDACTED] IA [REDACTED]

12-30-08

775.

I HAVE INSPECTED THIS ^{ENGINE} AIRCRAFT AND FINDING IT TO BE SAFE FOR FERRY FLIGHT PER SPECIAL FLIGHT PERMIT. ENGINES RUN UP & CR'D IN NORMAL RANGE OF OPERATION. REPLACED R/B COVER SCREW IN R/H ENG. #3 CYL. REROUTED VAC. PRESS. LINE CLEAR OF PILOTS SIDE CONTROLS. CHECKED GEAR RETRACTION - GOOD.
AD 72-14 08 RD c/w BY INSP. PER AD. [REDACTED] [REDACTED]

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		N6770X	Left Engine	12- ¹⁰ 01 -11
		Hobbs: 784.1	TT:2764.1	Tsmoh 67.8
		<p>Carried out annual Inspection IAW FAR Part 43 App D. Removed cowling, top spark plug preferred compression test. All compression 70+ except #1= 10 rings and valves leaking, #3 = 50, rings and both valves leaking, checked timing, cleaned fuel screens. Air replaced . Removed baffling cleaned , primed and replaced LH. rear baffle. Replaced #1 & #3 cylinders with cyls. from Don George Aircraft . Orlando Fl. Replaced exhaust system with OH unit from Plane Exhaust , Ft. Ladurdale. Replaced all engine hoses . ALT air exhaust shrouds brackets. Cleaned & gapped spark plugs,checked mag timing. Removed pump for OH by Aircraft Fuel Injections reinstalled and rerigged. Cleaned & painted eng. Replaced oil filter 48110-1 and 10qts. As 100. Cleaned injectors and reinstalled. Check all AD's Ground Run Opps. Check OK.</p>		
		<p>I Certify That This <u>ENGINE</u> Has Been Inspected I.A.W. <u>ANNUAL</u> Inspection And Determined To Be In <u>AIRWORTHY</u> Condition TT: <u>2764.1</u> Date: <u>12-10-11</u> Michael Cam [REDACTED] AP [REDACTED] IA</p>		
		<p>10/19/2012 N6770X Continental IO-470-D Ser: CS105176-8-D-R Hobbs: 804.2</p> <p>Removed upper cowling, removed ctach generator for testing, reinstalled tach generator after testing, installed new EGT Probe P/N 86255. Reinstalled upper cowling. Performed operational check of all affected components and found all components to be operating properly. All work was performed in reference with the manufactures maintenance manual. I certify that this engine is airworthy in regard to the work performed above.</p>		
		<p>Keith Thomas [REDACTED] AP [REDACTED] IA</p>		
		<p>04/03/2013 N6770X Continental IO-470-D Ser: CS105176-8-D-R Tach: 804.9 ETT: unknown TSOH: 89.1</p> <p>Performed Compression test #1)74/80 #2) 69/80 #3) 75/80 #4) 70/80 #5) 77/80 #6) 72/80, drained oil from engine, removed oil filter, cut oil filter and found there to be trace amounts of aluminum present. Recommend another oil change within the next 25 hours, installed new oil filter P/N AA48110-2 and 12 quarts of aeroshell 15W-50. Removed, cleaned, gapped, tested and reinstalled sparkplugs, replaced cylinder #6 bottom plug P/N RHB32E, serviced fuel strainer, replaced induction air filter P/N BA-2305, repaired engine baffling on left side back off engine, replaced generator belt, replaced cylinder #2 injector line and injector lines #2, #4, #6 bracket and clamps, replaced missing nipples on engine, replaced belt idler kiss, replaced hardware on propeller governor, lubed control cables, pulleys, and hinges. Checked magneto to engine timing, performed AD search and complied with the following AD'S, AD96-12-22 by verification of torque on the oil filter adapter nut and that no leakage was present at this time next due at AFTT 5904.2, AD72-14-08R1 by pressuring up fuel lines with fuel pump and inspected for leak, no leaks noted at this time, next due at AFTT:5864.2 . Test ran engine to inspect for leaks and no leaks were found at this time. Test ran engine to inspect for leaks and no leaks were found at this time. All work was performed in reference with the manufactures maintenance manual. I certify that this annual inspection was performed in accordance with 14 CFR 43 appendix D and using manufacturers MM as reference and this ENGINE was determined to be in an airworthy condition for return to service.</p>		
		<p>Keith Thomas [REDACTED] AP [REDACTED] IA</p>		

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G's Restoration Service Inc. Lt Eng IO470D N6770X
 May 09/2014 Hobbs 808.3 TTE 2788.3 TSOH 92.5
 Compression tests 1.76/80 2.75/80 3.75/80 4.64/80 5.76/80 6.75/80. opened oil filter inspected for metal was clear. installed new oil filter checked timing .I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition. Ads current thru this date.

Gaylord A. Syrstad A&P [REDACTED] IA

9 JUN 2015 2835.9 1410.1 855.9 Drained oil removed filter, inspected filter no metal present installed new oil filter AA 8110-2 and 12 quarts Arrosshell 100 oil. Removed cleaned, gapped, tested and replaced all spark plugs, serviced fuel strainer, replaced induction filter BA 2305. Test ran engine for performance and leaks, performance normal no leaks. I certify, that all work performed was in accordance with manufactures maintenance manual and 14 CFR 43 appendix D 100 hour engine maintenance guidance and this engine is in a safe condition for continued service.

Nicholas A. Franke
 A&P [REDACTED]

29 SEP 15 2572.6 1768 892.6 Remove starter and cleaned and repaired in accordance with Bendix Maintenance Manual. Replaced Generator belt, replaced ground/banding wire, Replaced ~~with~~ Battery relay with serviceable same part number 6041H193, Replaced positive side terminal wire. All work done in accordance with Cessna Maintenance Manual.

Nick Franke
 A&P [REDACTED]

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	2572.6	176.8	892.6	TOTALS brought forward from previous page
8 FEB 26	2916.9	221.1	937.0	Drained oil, removed and inspected oil filter no metal found, replaced 10 quarts Aeroshell 100. installed new AA 48110-2 filter. Removed cleaned, gapped tested all spark plugs. All compressions within limits. Removed cleaned all fuel injectors. Replaced oil filter Adapter packing Ring with PN 1-223 3774. Complied with ADs; AD 96-12-22 and applied torque seal putty, AD 72-14-08 R1 by pressurizing fuel system with fuel pump. Both due next annual or 100hr inspection (1037.0 hobbs). Removed, cleaned, inspected gasketator All work was performed in accordance with manufactures Maintenance Manual. I certify this engine has been inspected IAW FAR 43 appendix D and the manufactures MM and this engine is in a safe condition for continued flight, [redacted] Nicholas A. Frankt ATP [redacted]
7 APR 16	2904.6	208.8	989.0	Drained oil removed filter inspected no metal found installed new AA 48110-2 and 12 quarts of Aeroshell 100 Installed new TCM Eng. Belt 534547-29.19 on generator TA to specs, all work done IAW Manufactures Maintenance Manual Return to service [redacted] ATP [redacted] Nicholas A. Frankt
1 MAY 16	2974.6	1037.0 276.8	1039.0	Drained oil removed filter and inspected installed new AA 48110-2 oil filter and 12 quarts Aeroshell 100 Removed cleaned, gapped, tested, inspected all spark plugs. Removed #3 cylinder for low compression, lapped exhaust valve, took down check OK, Re-installed #3 cylinder. Complied with AD 72-14-08 R1 by pressurizing fuel system, no leaks detected, Complied with AD 96-12-22 observed torque putty seal unbroken both ADs due next 100 hour or Annual inspection (1139.0)
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				Removed cleaned inspected fuel strainer. All work performed IAW Manufacturers Maintenance Manual. I certify this engine has been inspected IAW 14CFR 43 appendix D and is in a safe condition for continued flight [Redacted]
				ATP [Redacted]

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