

T. W. SMITH ENGINE CO., INC.

HANGAR #1 • LUNKEN AIRPORT • CINCINNATI, OHIO 45226

MAINTENANCE RELEASE

The aircraft and/or component identified above was overhauled and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency.

CERTIFIED REPAIR STATION
No. CB1R054K

Work Order No. E3428 Date: 6-24-92

Model: 0-320-E2D Serial No. L-40366-27A

Date Re-built 12-4-91

Total Accumulated Time 2200.35 HOURS

Signed: 

The above listed component has been overhauled and inspected, and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferric parts zygoled. No further run-in of the installation is required. List of manufacturer's bulletin and AD Notes complied with, recorded in back of logbook.

ENGINE DESCRIPTION

MANUFACTURER Lycoming MODEL O-320-E2D

SERIAL NUMBER L-40366-27A DATE OF MANUFACTURE _____

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANANCE _____

REGISTERED OWNER _____

STREET & No. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & No. _____

CITY, STATE, ZIP _____

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
01-06-93	Tach Time	<p>5628 hrs. Installed engine with new mounts on C-172 N9664Q, S/N: 17265748. Serviced with 8 quarts of Phillips 20W50 mineral oil and CH48103 oil filter. Ground checked and run up. Checked for oil leaks. O.K. adjusted carb. Doyle Tymonine AIP 388885910</p> <p>* N9664Q (C-172) flight checked for New Engine operation, Airborne checked O.K.</p> <p style="text-align: right;">Bryan Scott Barnett CFII 389822018 exp 04/94</p>
21 JAN 93	Tach Time	<p>5658 TSOH 30 hrs.</p> <p>Oil + filter changed. Serviced w/ Aero Shell 15W50, 8 qts and cheap FS48103 filter.</p> <p style="text-align: right;">Doyle Tymonine AIP 8329542</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.	DATE
1/93	2685.8 5706.8	oil change, filter, lub carb cable <div style="text-align: right; font-family: cursive;">C. A. [Signature]</div>	METRIC TO FEET REPAIR W.O. No
3-6-93	5740.9 Tach Hobbs 2724.8	Spark plugs removed, cleaned, gapped, reinstalled. #2 & #4 cylinder required new plugs. Installed 2 Champion REM40E according to manufacturers instructions #1 and #3 rocker covers leaking oil, tightened all screws to specified torque. Operational check satisfactory. <i>Ken Cageloh AP 003445255</i> <hr style="border: 1px solid black;"/> <div style="text-align: center; font-weight: bold;">END</div>	5-21-93
4-23-93	TACH 5816.3	Completed 50 hr inspection ck comp all above 70 Clean Gap ck Spark Plugs, install 4ea REM40E Plugs Replace customer supplied new Vac Pump 211CC and serviceable CARB AIRBOX supplied by customer. Flush oil cooler. Change oil & filter (CH48103) ck old filter (no metal). <div style="text-align: center; font-family: cursive;"> Michael E Outten APP 458272859 </div>	

INSPECTION & MAINTENANCE RECORD

CERTIFICATE NO.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
			<p> WETTRICK AIRCRAFT, INC. TOPEDA, MS. REPAIR STA. # MICROSOFT W.O. No. <u>5374</u> </p> <p> DATE <u>5-13-93</u> TACH TIME <u>5874 TT 58-24</u> CHANGED OIL & FILTER, CHECKED SCREEN, CLEANED AIR FILTER & ENGINE. Added AeroShell 50cc Det. </p>
<p> er required es instructor to specified 03445255 </p>	<p>5-21-93</p>		<p> Tach Time 5890. Cleaned and gapped plugs. Checked mag timing. Checked compression #1 ⁷⁸/₈₀, #2 ⁷²/₈₀, #3 ⁷⁹/₈₀, #4 ⁷²/₈₀. Changed oil and serviced with 8 quarts AeroShell 15W50. Changed oil filter and checked engine oil screen. Replaced rocker box cover gasket on #1 cylinder. Doyle Fymannice AIP 388885910 </p> <p style="text-align: center;"> Engine DATE <u>5-21-93</u> T.T. <u>5890</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION </p> <p> S.M.O.H. 272 Hrs. SIGNATURE <u>Doyle Fymannice</u> INSP. NO. <u>AIP 388885910</u> </p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.	DATE
4/15/93	5969.3	Changed oil & filter Bellamy Aviation RR2-Box-657D Airport Rd Fulton NY	5/14/93 TACH HOBBS
6/21/93		Replaced Thermostatic Bypass valve, removed oil Cooler Hoses. Removed OBSTRUCTION from Hose (Ribbee TAB) AND Reinstalled. ops, check ok. John-Mark Bellamy AIP 77584353	
7/6/93	6021.5	Changed oil & filter, Engine serviced w/8pts 15W50 Aeroshell. John-Mark Bellamy AIP 77584353	Aug 27 1993
7/17/93	6063.0	Changed oil & filter - Engine serviced w/8pts 15W50 oil. John-Mark Bellamy AIP 77584353	TACH Hobbs Sept. 27 TACH

INSPECTION & MAINTENANCE RECORD


CIFICATE NO.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
	8/14/93		100 Hr. on Engine. Oil & FILTER changed - Engine serviced
	TACH	6123.7	w/ 8gts. 15W-50 Aeroshell o.l. Tighten AREA THROAT
	HOBBS	3147.3	Rivets - Welded Heat Muff FLange on Muffler. Installed
			New 6108 AIR FILTER. Replaced End on O.I. Temp. Sensor
o.l. Rebbec			w.r.e., Clean, gap & ROTATE Spark Plugs. Comp. Test
			Results as follows: #1 77/80 #2 78/80 #3 76/80 #4 74/80.
584353			I certify that this <u>Engine</u> has been inspected in accordance with a(n) <u>100 HR</u> inspection and was determined to be in airworthy condition.
o Aeroshell.			John-Mark Bell A:P 77584353
15W50 o.l.	Aug 27 1993		Change o.l. & Filter, (48103) Engine serviced w/ 8gts
77584353	TACH	6174.6	15W-50 Aeroshell o.l., OPS check ok.
	Hobbs	3191.6	John-Mark Bell A:P 77584353
	Sept. 27 1993		Change o.l. & FILTER. Engine serviced w/ 8gts 15-50 o.l.
	TACH	6219.2	Engine Test Run - Leak check ok.
			John-Mark Bell A:P 77584353

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
10/16	6274.0 3300.1	oil changes - no filter change 8qt 15w-50 Aeroshell <i>C. F. King</i>
12/23/93	Tach Time 6325 hrs	S.M.O.H. 697 Removed #3 cylinder due to crack in exhaust port. Installed a overhauled cylinder by T.W. Smith Engine Co. Inc. (See attached maintenance release tag.) Cleaned and gapped plugs. Checked mag timing. Changed oil and serviced with 70w Phillips type M oil. Reamed exhaust valve guides on cylinders #1, 2, & 4 to remove carbon. Installed new CH48103 oil and checked engine screen O.K. Doyle Fitzmaurice AIP 388885910. Engine DATE 12/23/93 TT. 6325 S.M.O.H. 697 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION SIGNATURE <i>Doyle Fitzmaurice</i> INSP. NO. <u>AIP 38888 5910</u>

DATE
2/7/94
3/15/94
APRIL GAPPER INSTAL

INSPECTION & MAINTENANCE RECORD

CATE NO.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
	2/7/94	Tach Time 6361 hrs	Cleaned and gapped plugs. Changed oil and serviced with 80ts. Aeroshell 15W50. and CH 48103 oil filter. Doyle Fitzmaurice A: P388885910
to crack ch Engine and ed with cylinders checked	3/15/94	Tach Time 6417 hrs	S.M.O.H. 789. Cleaned and gapped plugs. Changed oil and serviced with 80ts Aeroshell 15W50. Checked engine oil screen O.K. Installed new CH48103 oil filter. Doyle Fitzmaurice A: P388885910
	APRIL 9, 1994	6463 HRS	835 HRS SMOH CLEANED + GAPPED PLUGS. CHANGED OIL WITH 80T AEROSHELL 15W50, INSTALLED NEW CH48103 FILTER
	DATE	4/9/94 TT	835
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A		
	100% WA INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION		
	SIGNATURE 		
	INSP. NO. 399782276		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.	DATE
May 15 '95	Tach Time 6580 hrs.	Changed oil; serviced with 7Qts Phillips 20W50 and CH48103 oil filter. Cut open oil filter; checked oil screen. O.K. Cleaned and gapped plugs. Checked compression. All 70/80 and better. Checked mag timing. Doyle R. Fitzmaurice A/P 388885910	8-11-95
		Engine	
DATE <u>May 15 '95</u>	T.T. <u>6580</u>	SMOH 952	
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A			
	<u>100%</u>	INSPECTION AND	
		WAS DETERMINED TO BE IN AIRWORTHY	
		CONDITION	
		SIGNATURE <u>Doyle R. Fitzmaurice</u>	
		INSP. NO. <u>A/P 388885910</u>	
7-29-95	Tac Time 6699.0 hrs Hobbs 0071.0 hrs	Service engine with 7 qts Aeroshell 15W50 and New Champion CH48103 oil filter. Run up ops and leak check OK. Bradley W. Elsing A/P 468687760	
8-11-95	TACH: 6736	HOBBS: 113.2 CHANGED OIL AND FILTER # CH48103. SERVICED WITH 7 QTS AEROSHELL AD 15W50 OIL. CLEANED, REGAPPED TESTED & ROTATED SPARK PLUGS. REPLACED (1) SPARK PLUG. TIGHTENED ROCKER COVER SCREWS - OIL FILTER NECK, WASHED	

(CONT. NEXT PAGE)


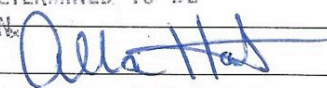
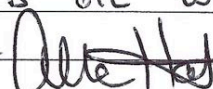
INSPECTION & MAINTENANCE RECORD


CERTIFICATE NO.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
DA 20W50 O.K.	8-11-95	TACH: 6736	HOBBS: 113.2 - ENGINE, RUN-UP AND LEAK CHECKED CHECKED MAGNETOS 100 DROP L & R
better	8-24-95	TACH: 6798	HOBBS: 185.5 CHANGED OIL AND FILTER, SERVICED WITH 8 QTS ARDISHELL AD 15W250 OIL. RUNUP AND GEAR CHECKED.
in with run up			
03. SERVICED REGAPPED PARK PLUG.			
CHECK, WASHED (EXT PAGE)			

INSPECTION & MAINTENANCE RECORD

CERTIFICATE NO.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
1897 1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908 1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933 1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818 2819 2820 2821 2822 2823 2824 2825 2826 2827 2828 2829 2830 2831 2832 2833 2834 2835 2836 2837 2838 2839 2840 2841 2842 2843 2844 2845 2846 2847 2848 2849 2850 2851 2852 2853 2854 2855 2856 2857 2858 2859 2860 2861 2862 2863 2864 2865 2866 2867 2868 2869 2870 2871 2872 2873 2874 2875 2876 2877 2878 2879 2880 2881 2882 2883 2884 2885 2886 2887 2888 2889 2890 2891 2892 2893 2894 2895 2896 2897 2898 2899 2900 2901 2902 2903 2904 2905 2906 2907 2908 2909 2910 2911 2912 2913 2914 2915 2916 2917 2918 2919 2920 2921 2922 2923 2924 2925 2926 2927 2928 2929 2930 2931 2932 2933 2934 2935 2936 2937 2938 2939 2940 2941 2942 2943 2944 2945 2946 2947 2948 2949 2950 2951 2952 2953 2954 2955 2956 2957 2958 2959 2960 2961 2962 2963 2964 2965 2966 2967 2968 2969 2970 2971 2972 2973 2974 2975 2976 2977 2978 2979 2980 2981 2982 2983 2984 2985 2986 2987 2988 2989 2990 2991 2992 2993 2994 2995 2996 2997 2998 2999 3000	10/4/95	Tech 69567	Cleaned, gapped + rotated spark plugs, retimed mag, compression 1.) $\frac{73}{80}$ 2.) $\frac{68}{80}$ 3.) $\frac{62}{80}$ 4.) $\frac{79}{80}$, adjusted idle mixture, installed new landing lamp, cleaned + lubed starter bendix, installed sea cowl mounts, installed new landing light bumper, reinstalled starter grease plug, replaced ind. air filter element, replaced alternator belt, torqued nose gear to fire well attach bolts, replaced battery drain tube, serviced + charged battery. <i>Stylin & Co. ATP 414255265.</i>
	10-14-95	TACK 7001	Oil changed serviced with 8 qts of avioshell 15/50 Run 1/2 hr

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
MAY 1, 1996	7050 HRS TACH	3622 HRS TOTAL 1422 HRS SMOH COMP. TESTED AS FOLLOWS #1 78/80 #2 66/80 #3 70/80 #4 70/80. CHANGED OIL WITH 8 QTS PHILLIPS 20W50 XC AND CH48103 FILTER.
DATE <u>MAY 1, 1996</u>	TACH. HRS. <u>7050</u> TOT. HRS. <u>7050 - 3622 HRS</u>	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
	ALLAN HATZ A & E 399782276 Inspection Authorization	
JULY 30, 1996	7150 HRS TACH	CHANGED OIL WITH 8 QTS PHILLIPS 20W50 AND CH48110 FILTERS.
DATE <u>JULY 30, 1996</u>	TACH. HRS. <u>7150</u> TOT. HRS. <u>7150 - 3722 HRS</u>	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>100HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
	ALLAN HATZ A & E 399782276 Inspection Authorization	
AUG. 3, 1996	7202 HRS TACH	CHANGED OIL WITH 8 QTS PHILLIPS 20W50 AND CH48103 FILTER
		 AIP 399782276

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
Oct. 3		PHILLIPS ALL
DATE <u>Oct</u>	TACH. HRS. <u>7</u>	I CERTIFY THE INSPECTED IN INSPECTION IN AIRWORTH
	ALL	
MAY 10		CHANGE INSTAL

INSPECTION & MAINTENANCE RECORD

CATE NO. DATE TOTAL TIME INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.

Comp. -
 Oiled
 OCT. 3 1996 7249 HRS TACH CHANGED OIL WITH 8 QTS
 PHILLIPS 20W50 AND CH48103 FILTER. COMP. TESTED
 ALL 70/80 PLUS.

- 5722 HRS

EN
 2hr
 BE

Hatz

Authorization

DATE OCT. 3, 1996
 TACH. HRS. 7249 TOT. HRS. 3821
 I CERTIFY THAT THIS AIRCRAFT HAS BEEN
 INSPECTED IN ACCORDANCE WITH 100 HR
 INSPECTION AND WAS DETERMINED TO BE
 IN AIRWORTHY CONDITION.

Alta Hatz
 ALLAN HATZ
 A & P 399782276 Inspection Authorization

DATE MAY 14, 1997
 TACH. HRS. 7294 TOT. HRS. 7294
 I CERTIFY THAT THIS AIRCRAFT HAS BEEN
 INSPECTED IN ACCORDANCE WITH
 INSPECTION AND WAS DETERMINED TO BE
 IN AIRWORTHY CONDITION.

Alta Hatz
 ALLAN HATZ
 A & P 399782276 Inspection Authorization

QTS

MAY 14, 1997 7294 HRS TACH 3866 HRS TOTAL 1666 HRS SMOH
 CHANGED OIL WITH 8 QTS PHILLIPS 20W50 + CH48103 FILTER.
 INSTALLED ALL NEW R. BOX GASKETS. COMP. ALL 70/80 PLUS.

Alta Hatz
 AIP 399782276

8 QTS

399782276

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.	DATE
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SEPT 29, 1997	7331 HRS TACH 3903 HRS TOTAL	1703 HRS SMOH CHANGED OIL WITH 8QTS PHILLIPS 20W50 + CH48103 FILTER, CLEANED + GAPPED PLUGS	10-22-97
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DATE SEPT 29, 1997
TACH. HRS. 7331 TOT. HRS. 3903.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH 100HR
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.



ALLAN HATZ
A & P 399782276 Inspection Authorization


10/14/97	Tach = 7384.4	Changed oil & filter. Serviced with 8qts. Phillips x/c 20w/50. washed engine and cleaned oil cooler fins. Changed air filter. NOTIFIED operator of numerous pit leaks. Filter leak checked normal.	10-22
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OHIO STATE UNIVERSITY AIRPORT

Date 10/14/97 Work Order No. 29296

Signature Rene M. Chapman
Repair Station No. IKBRO28F

INSPECTION & MAINTENANCE RECORD

CERTIFICATE NO.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
OH	10-22-97	TACH 7397.2	<p>REMOVED NO 2 CYLINDER, REPLACED NO 2 CYLINDER WITH EXCHANGE FROM AERO AVIATION WITH NEW PISTON AND RINGS AND GASKET SET ON WO# 37592 GROUND RUN ENGINE NO LEAKS NOTED OPS CHECKS NORMAL. DETAILS ARE ON FILE UNDER WO. NUMBER <u>30353</u>.</p> <p style="text-align: center;">  <i>Call R/Li CR5#104 OR 4070</i> LANE AVIATION CORP. 4379 International Gateway Columbus OH 43219 </p>
with 8 qts. and air merous normal.	10-22-97	TACH. 7397.2 →7397.8	<p>ACFT TEST FLOWN + CHECKED OUT NORMAL. NOT MENTIONED ABOVE WAS THAT THE MAGS HAD BEEN RETIMED → MECHANIC HAD SUSPECTED POSSIBLE DETONATION AND BELIEVED MAG RETIMING WAS NECESSARY. KEVIN PHELAN, COMMERCIAL PILOT, #122766450</p> <hr/>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.	DATE
11-19-97		Drained oil sump. Replaced oil filter. Cleaned	8-27-99
TACH	7437.3	section screen. performed compression test	48103 F
		Results are as follows 1)78 2)26 3)74 4)76	# 3 ⁶⁵ / ₈₀
		Serviced with 8qts phillips 20W50. Removal,	Replaced
		cleaned, gapped, and ranselled spark plugs.	
		Washed engine. Ground run and leak	
		check normal	

Thomas McGuinn 474785166JA

MAY 20, 1998 7448 hrs TACH CHANGED OIL WITH 8 QTS PHILLIPS
20W50 + CH48103 FILTER.

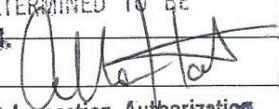
DATE JAN. 5, 1999
TACH. HRS. 7455 TOT. HRS. 9026
I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH 100hrs
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.

ALLAN HATZ
A & P 399782276 Inspection Authorization



DATE MAY 20, 1998
TACH. HRS. 7448 TOT. HRS. 4019
I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH 100hrs
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.

ALLAN HATZ
A & P 399782276 Inspection Authorization



INSPECTION & MAINTENANCE RECORD

DATE NO.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO:
cleaned	8-27-99	7553 hrs. tach.	Changed oil with 8qts Phillips Low 50 &
TEST	4/8/03	Filter.	Cleaned & gapped plugs. Compression check #1 $\frac{78}{80}$ #2 $\frac{78}{80}$
76	#3 $\frac{65}{80}$	#4 $\frac{65}{80}$.	check oil suction screen for contaminants, found ok.
Removal,	Replaced All Spark plugs		Champion 4124 REM38E.
plugs.			<p>DATE 8-27-99 BY [Signature]</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A</p> <p style="text-align: center;">100 hr INSPECTION AND</p> <p>WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>SIGNATURE <u>Robert A. Gaiser</u></p> <p>EXP. NO. <u>390667161</u></p>
leak			
15160JA			
IPS			
9019			
HAS BEEN			
H. 100 hr			
ED TO BE			
[Signature]			
tion Authorization			

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.	DATE
1-12-01	4790.8	Hrs Tach Changed oil & Filter with 8gts Phillips DONSO & Champion 48103 Filter. Checked & Cleaned oil suction screen. found ok. Comp #1 76/80. #2 73/80 #3 73/80 #4 70/80. Cleaned & gapped plugs. Cleaned engine. Test ran, ops check etc.	JUNE

DATE 1-12-01
TACH. HRS. 4790.8 TOT. HRS. 43478
I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH 100hr
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.

Robert A. Garner AdP 390667161

4-19-01	4889.5	Hrs Tach. Changed oil with 8gts phillips DONSO & Filter 48103 Champion. Cleaned & gapped plugs	
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Robert Garner AdP 390667161

INSPECTION & MAINTENANCE RECORD

CERTIFICATE NO.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED — AGENCY & CERTIFICATE NO.
Phillips Screen found & gapped	JUNE	1, 2001	4909 HRS TACH 2267 HRS SMOH 4466 HRS TOTAL REMOVED FROM CESSNA 172M 966AQ S.V. 17265748 COMP. WAS LOW ON A FEW CYLINDERS BUT RUNNING ALL RIGHT. Alletta ADP 399782276
Phillips logs			
161			