

Cessna®



Engine and Propeller Log

Comprehensive Recording of Engine
and Propeller Records

ENGINE DESCRIPTION

Mfgr.	LYCOMING	Place		Date	
Type	H-Opposed	Model	0-320-E20	Serial No.	6-44844-27A
Rated H. P.	150	Maximum H. P.	150	Weight (Dry)	
Rated R. P. M.	2700	Maximum R. P. M.	2700	Oil Pressure	
Bore		Stroke		Displacement	Cu. In.
Compression Ratio		Supercharger Ratio		Gear Ratio	
Propeller	MCCAWLEY	Hub Design	1C160/DTM	Hub Serial No.	727804
Blade Design		Blade Serial		Blade Serial	
Maximum Hub H. P.		Maximum Blade H. P.			
Pitch	53°	Diameter	75"	Length	
Owner's Name					
Address		City		State	

ENGINE LOG

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
DATE <u>6-25-76</u> T. <u>107.0</u> TACH TIME <u>107.0</u>				DATE <u>7-24-76</u> T. <u>200.5</u> TACH TIME <u>200.5</u>		
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN				CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN		
INSPECTED IN ACCORDANCE WITH A <u>100HR</u>				INSPECTED IN ACCORDANCE WITH A <u>100HR</u>		
INSPECTION AND WAS DETERMINED TO BE				INSPECTION AND WAS DETERMINED TO BE		
IN AIRWORTHY CONDITION <u>[Signature]</u>				IN AIRWORTHY CONDITION <u>[Signature]</u>		
MOUNTAIN WEST AVIATION P. O. BOX 44				MOUNTAIN WEST AVIATION P. O. BOX 44		
PROVO, UTAH 84601 (801)375-5110				PROVO, UTAH 84601 (801)375-5110		
INSTALLED AERO SHELL W 40 WT.				INSTALLED AERO SHELL W 50 WT.		
<u>END</u>				<u>END</u>		
7-10-76 - TACH TIME 151.0				8-16-76 TACH 254.0		
CHANGED ENGINE OIL & CLEANED				CHANGED OIL INSTALLED AERO		
SCREEN. INSTALLED AERO				SHELL 50 WT. <u>[Signature]</u>		
SHELL 50 WT. <u>[Signature]</u>				<u>APR 7682622</u>		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
DATE 7-2-76	T.T. 300.0	TACH TIME 300.0		DATE 10-15-76	T.T. 401.0	TACH TIME 401.0
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN				I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN		
INSPECTED IN ACCORDANCE WITH A <u>100HR</u>				INSPECTED IN ACCORDANCE WITH A <u>100HR</u>		
INSPECTION AND WAS DETERMINED TO BE				INSPECTION AND WAS DETERMINED TO BE		
IN AIRWORTHY CONDITION <u>Clifford Smart</u>				IN AIRWORTHY CONDITION <u>Clifford Smart</u>		
MOUNTAIN WEST AVIATION P. O. BOX 44				MOUNTAIN WEST AVIATION P. O. BOX 44		
PROVO, UTAH 84601 (801)375-5110				PROVO, UTAH 84601 (801)375-5110		
INSTALLED AERO SHELL 50 WT.				INSTALLED AERO SHELL 40 WT.		
9-26-76	TACH TIME 354.0			11-13-75	TACH TIME 458.0	
CHANGED OIL & CLEANED				CHANGED OIL & CLEANED		
SCREEN, INSTALLED AERO				SCREEN, INSTALLED AERO SHELL		
SHELL 40 WT. <u>Clifford Smart</u>				40 WT. <u>Clifford Smart</u>		
AP547682622				AP547682622		

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19

19

19

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
DATE 8 MAR T.T.	700	TACH TIME	700	DATE 15 March	T.T. 706	TACH Time 706
I CERTIFY THAT THIS <u>ENG</u>		HAS BEEN		INSTALLED 8 EA	SR 88 A.C.	SPARK
INSPECTED IN ACCORDANCE WITH A	100HR			PLUGS David Harris	AP. 528-94	1446
INSPECTION AND WAS DETERMINED TO BE				DATE 6/10/77 T.T. 808.6	TACH TIME 808.6	
IN AIRWORTHY CONDITION				INSTALLED PHILIPS 50 WT TYPE A		
MOUNTAIN WEST AVIATION P. O. BOX 44				I certify that this <u>ENGINE</u>	has been	
PROVO, UTAH 84601 (801) 375-5110				inspected in accordance with a <u>ANNUAL</u>		
Changed Oil & Filter				inspection and was determined to be		
Serviced with 8 QT				in airworthy condition		
Aero Shell 80W				Clifford Smart 547682622 I A		
				Mountain West Aviation P.O. Box 44		
				Provo, Utah 84601 (801) 374-5110		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
14	OCT 77	TAC 872	TT 872	AD 77-12-08 GROUND POWER RECEPTACLE. COMPLIED WITH BY INSPECTION.		
				Bill Duffone IA 2085988		
12-14-77	TACH: 909	TT: 909		REMOVED AND REPLACED MUFFLER WITH SERVICEABLE ITEM, CHANGED OIL Alden 8 QTS 15/5 40 WT. CLEANED OIL SCREEN, INSTALLED NEW ROCKER COVER GASKETS.		
				Date: 12-14-77 Tach: 909 T.T. 909 It is certified that this aircraft has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition. Pertinent details are in file at this agency under W.O. No. 2108. Signed David Park		
				Alpine Aviation Corp. FAA Approved Repair Station No. D-07-15 Provo Airport - P. O. Box 691 - Provo, Utah 84601		

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ENGINE LOG

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
17 Sept 78				TACH: 1017 T.T. 1017 CHANGED OIL ADDED 8 QTS A/S 90 WT. Darryl Frank A&P 2094353 1A		
October 3, 1978				tach reads 1051. Replaced oil screen with oil filter adapter and changed oil and installed filter. Allen Woodhouse A&P 1547790 AI NIVS4LL.		
OCT 3, 1978				10-25-78 TACH 1088.6 T.T. 1082.6 SERVICED W/ 8 QTS AS 90WT OIL & REPLACED FILTER I CERTIFY THAT THIS ENGINE ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION Jan. Frank 2091448 A&P		
				Replace Left magnet Allen Woodhouse AD 1547790 AI		

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DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1-20-79				TACH 1138 T.T. 1138 CHANGED OIL & FILTER ADDED 8QTS A/S 40WT OIL J. P. Frank 2041448 A&P		
27 APRIL -79				TACH 1165 TT 1165 CHANGED OIL AND FILTER, ADDED 8 QTS 50 WT OIL. INSTALLED NEW CH48110 FILTER. C. H. Fredricks JR A&P 18725610		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 80						
NOV	4	1980		CHANGED OIL & FILTER 1240 HRS. TRACK 8 QTS PHILLIPS 20-50 XC CH 40110 FILTER, INSPECTED & CLEANED ENGINE COMPARTMENT & CONTROLS. NEXT OIL CHANGE & FILTER 1290 HRS TRACK -		1433840
				J. E. Ellman		
DEC	21	1980		CLEANED ENGINE COMPARTMENT. CHECKED ENGINE CONTROLS. CHARGE OIL COOLER FROM AD 80-25-07. N/A TO MODEL 84065 3/4 1907. J. E. Ellman		
APRIL	18	1981		CHANGED OIL & FILTER, 8 QTS PHILLIPS XC 20-50 CH 40110. CHECKED ENGINE CONTROLS & ENGINE COMPARTMENT. CHECKED PROP FOR TRACK. REPLACED BATTERY GROUND CABLE. ENGINE HOURS 1250.		1033840
				J. E. Ellman		

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
1981							
JULY 28, 1981					AD 81-15-03 BUSHING REGULAR FUEL FILTER WORK NOT APPLY TO THIS ENGINE.	BE Ellen	1433840
AUG 15, 1981					AD 81-16-05 SLICK MAGNETS DOES NOT APPLY TO THIS ENGINE	BE Ellen	1433840
AUG 27 1981					AD 81-18-04 ENGINE OIL PUMP DOES NOT APPLY TO THIS ENGINE MODEL ON S/N.	BE Ellen	1433840
SEPT 5 1981					INSPECT ENTIRE SHIP, OIL & ALL HUNG CHECKED ENGINE & FLIGHT CONTROLS. CLEANED ENGINE COMPARTMENT	BE Ellen	1433840
SEPT 21 1981					AD 80-75-07 R1 SIKWANT-WINNER OIL COOLER MODELS, DOES NOT APPLY TO THIS ENGINE OIL COOLER.	BE Ellen	1433840

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ENGINE LOG

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
1981							
11/14					CHECKED RAYING CONTROLS & CLEANED RAYING COMPARTMENT	BE Ellen	1433890
12/17					CHECKED RAYING CONTROLS & CLEANED RAYING COMPARTMENT	BE Ellen	1433890
1/20/82					CHECKED RAYING COMPARTMENT & RAYING CONTROLS	BE Ellen	1433890
2/3/82					WASHED & WAXED RAYING SHIP OILED ALL HINGES & CHECKED RAYING CONTROLS	BE Ellen	1433890
4/10/82					CHANGED OIL & FILTER, AD & OATS 70-50 Phillips and CLAMPION FILTER. HOUR 1342 CLEANED RAYING COMPARTMENT CHECKED ALL RAYING CONTROLS ADNOTE 87-07-02 ALTERNATE AIR OUTLET IN CRANKCASE BREATHER A-OK.	BE Ellen	1433890

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
1982							
4/10			1342	5	CLEANED BATTERY CASE, CLEANED BATTERY TERMINALS, ADDED DISTILLED WATER TO BATTERY AD NOTE 81-18-00 R2 H/A FIRST RUN ENGINE. MAY 28, 1982	J E Ellen	1433840
6/13						J E Ellen	1433840
7/25					CLEANED ENGINE COMPARTMENT CHECKED ENGINE CONTROLS and ALL HOSE & ELECTRICAL CONNECTIONS. CHECKED BATTERY, AND DISTILLED WATER, CLEANED TERMINALS.	J E Ellen	1433840
9/25					CLEANED ENGINE COMPARTMENT, CHECKED ENGINE CONTROLS & ALL HOSE & ELECTRICAL CONNECTIONS	J E Ellen	1433840

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DATE 1982	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
Oct 14	1932			TACH 1354.2 T.T. 1354.2 Replaced Valve cover gaskets. changed oil to Phil X-C added 7 qts. Repaired Carb Heat Box at engine stock.		
DATE <u>OCT 14, 1982</u> TACH: <u>1354.2</u> T.T. <u>1354.2</u> I CERTIFY THAT THIS <u>Lycoming engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE <u>David Fred</u> CERT NO. <u>DPO 2044353 TA</u>						
12/22				Check engine controls & CLANN engine COMPARTMENT.	<u>BB Elmer</u>	1433840

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1983						
2/5		1366	-	CLEANED ENGINE COMPARTMENT TIGHTEN VALVE COVERS. CHECKED ENGINE CONTROLS. CLEANED BATTERY BOX & SPRAYED WITH MOCO ACID RESISTANT PAINT.	JE Ellen	1433840
4/16		1375	-	CHANGED OIL & FILTER - 7QTs XC 20-50. INSPECTED ENGINE COMPARTMENT, TIGHTENED VALVE COVERS, CHECKED ALL HOSE & ELECTRICAL SYSTEM. CHECKED ENGINE CONTROLS.	JE Ellen	1433840
6/4		1380		SAND DOWN & PAINT PROPELLOR.	JE Ellen	1433840
7/9		1387		CLEANED ENGINE COMPARTMENT, CHECKED ENGINE CONTROLS. SERVICED BATTERY. SERVICED AIR FILTER.	JE Ellen	1433840

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	IOths			
1983							
					DATE <u>14 Oct 83</u> TACH: <u>1400.9</u> T.T. <u>1400.8</u>		
					I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN		
					ACCORDANCE WITH A <u>PAWOL</u> INSPECTION AND WAS		
					DETERMINED TO BE IN AIRWORTHY CONDITION.		
					SIGNATURE <u>[Signature]</u>		
					CERT NO. <u>DTP 204453 A</u>		
10/83					ENGINE OIL ANALYSIS SAMPLE TAKEN ON 10/29/83. SAMPLE O.K. A Nov. 1983	<u>[Signature]</u>	1433840
12/11					CHANGED OIL & FILTER 140A HAS CLEANED & INSPECTED ENGINE COMPARTMENT & CONTROLS. CHECKED BATTERY LEVEL	<u>[Signature]</u>	1433840
1984							
3/10					CLEANED & INSPECTED ENGINE & CONTROLS	<u>[Signature]</u>	1433840

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1984						
4/21				INSPECT & CLEAN ENGINE COMPARTMENT. CHECK ENGINE CONTROLS, HOSES & FITTINGS STRIP, CLEAN & REPAINT PAINT.	J E Ellman	1433840
7/8		1410	-	CHANGED OIL & FILTER 1410 HRS. CHECKED BATTERY & CLEANED & PAINTED BATTERY CASE. CHECKED PLUGS, HOSES & ENGINE CONTROLS. CLEANED ENGINE COMPARTMENT.	J E Ellman	1433840
Nov. 1/1984				TACH: 1418 T.T. 1418 Replaced FLEXIBLE RUBBER oil HOSES with new items. I certify that this engine has been inspected, 1/19/84 A thorough inspection was determined to be in Airworthy condition. Done from WAF 2044353 JH.		

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ENGINE LOG

DATE 1985	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	IO THS			
3/17/85			1424		CHANGED OIL & FILTER, INSPECT ENGINE CONTROLS & CLEANED ENGINE COMPARTMENT	R-E. Ellum	1433840
5/25			1430		CHECKED ENGINE CONTROLS, CLEANED COMPARTMENT & VALVE COVERS CHECK	R-E. Ellum	1433840
					7-28-85		
					Complied with the instructions of Petersen STC 1931 CE adding Automotive fuel, leaded or unleaded to list of approved fuels		
					Steven D. Prater, AP 52862 8065 TA		
7/27/85			1434		CHANGED OIL & FILTER, CHECKED ENGINE CONTROLS & VALVE COVERS, CLEANED ENGINE COMPARTMENT & CHECKED ALL HOSES & FITTINGS	R-E. Ellum	1433840
11/16/85					CLEANED ENGINE COMPARTMENT	R-E. Ellum	1433840

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DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
				9-8-85 TAC 1438.0 Replaced Starter drive with new EDR75A drive. Replaced Clydes #1 + #3 Valve Cover gaskets. Steve Proctor A+P52862 8065PR		
12-1-85				T.T. in Service 1439.1 Performed Compression Check #1 75/80 #2 76/80 #3 75/80 #4 75/80 Gaped Spark Plugs Check Mag timing to engine. Replaced #2 + 4 Rocker Cover gaskets I Certify that this engine + Propeller have been inspected in accordance with a 100hr inspection and were determined to be in airworthy condition. Steve Proctor A+P52862		

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	IOths			
19							
					Date <u>Jan 3, 86</u> Tach. <u>1506</u>		
					I certify this <u>Engine</u>		
					has been inspected in		
					accordance with an <u>NOI</u>		
					inspection and was determined		
1-3-87			1506		to be in an <u>OK</u> <u>working</u>		
					condition.		
					<u>Shirley Haly</u>		
					No. <u>BP 2016794 Ph</u>		
					Changed oil Kitter		
					Aero Shell 15-50 Lubed controls,		
					checked safety of controls.		
					epiComp ok mag timing		
3-10-87			1570	4	Changed oil Aero Shell 15-50	Charles Wyle	owner

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ENGINE LOG

DATE 19	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	IOths			
4-18-87			1631	4	Changed Oil Aero Shell 15-50	B. Rye	owner
6-19-87			1677	6	Changed Oil Aero Shell 15-50	B. Rye	owner
7-31-87			1724	7	Change Oil Aero Shell 15-50	B. Rye	owner
8-23			1783	1	Changed Oil Aero Shell 15-50 Washed & waxed wings	B. Rye	owner
9-24-87			1819	0	Changed Oil Aero Shell 15-50 Washed, cleaned plugs	B. Rye	owner
Oct 13 1987			TACH 1839.6	6	Installed Marvel Schebler MA-3 CARB OVERHAUL KIT		
			AND TEST		RAN O.K. - END - Will Schumaker AR5289050601A		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				DATE 2-15-88 W/O # 631 TACH TIME 1876.2 TOTAL TIME 1876.2		
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE		
				WITH A 100 hr. INSPECTION AND WAS DETERMINED TO BE IN AN AIR-		
				WORTHY CONDITION AT THIS TIME.		
				OIL & FILTER CHANGED. 8QT ACROSHELL 15W-50		
				OIL FILTER INSPECTED OK. OIL SUCTION SCREEN		
				INSPECTED OK. REPLACED ALTERNATOR DRIVE		
				BELT & ALTERNATOR MOUNT BRACKET. WASHED		
				ENGINE. COMPRESSION: 75/80 OR BETTER ALL CYL.		
				PLUGS CLEANED GAPPED & ROTATED. REMOVED		
				L. MAG FROM SERVICE & REPLACED W/ SLICK MAG		
				P/N 4257 W/ 1548 hrs TTIS REPLACED BOTH		
				MAGNETO BEARINGS, POINTS & OIL SEAL. MAGNETO		
				INTERNALLY TIMED & INSTALLED ON ENGINE.		
				ENGINE TEST RUN OK. William L. Linn		AP2184036

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
5/17/88				Change oil & Filter Arrow Shell 15-50	<i>[Signature]</i>	
6-10-88	TACH 1973.6			INSTALLED MAGNETO (RIGHT). SLICK M/N 4251R S/N 704011L. TIMED MAG TO ENGINE. - END -	<i>[Signature]</i>	AP 529238289
11/2/88	TAC 2150.9			Changed oil Filter only as per owners request. cleaned spark plugs. performed comp. test #1 7/80 #2 7/80 #3 7/80 #4 7/80. END -	<i>[Signature]</i>	AP 528905060 MA

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ENGINE LOG

DATE 19 <u>88</u>	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
11/1/88	Hobbs	2041		Engine oil Change Steve Anderson		
12/8/88	"	2093		Engine Oil & Filter Change Steve Teerlink		528869824
1/25/89	Hobbs	2152	8	Engine Oil & Filter Change Steve Anderson		

ENGINE LOG ENTRY FOR ENGINE INSTALLED ON THIS AIRCRAFT, THIS DATE:

N1454U

Cessna Model 172M

Serial Number 17267121

DATE: 19 DEC 88

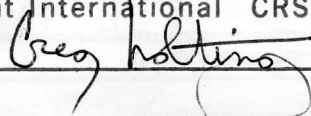
TACH: 2218.0

- 1) Completed a compression check: #1-76/80, #2-78/80, #3-76/80, #4-78/80.
- 2) Replaced all spark plugs with new REM40E.
- 3) Replaced all rocker cover gaskets with new.
- 4) Replaced #2 and #4 intake gaskets with new.

MAINTENANCE RELEASE

The aircraft, airframe, engine, propeller, or appliance identified hereon was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and found to be airworthy for return to service.

Flight International CRS 403-66 Carlsbad, CA 92008


Date 19 Dec 88 W/O 5067

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19						
MAR 3 1989	TAC 2294.3	T.S.N. 2294.3				
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED RAN A ANNUAL INSP AND WAS RETURNED TO SERVICE AT THIS DATE & TIME. CHANGED OIL WITH SHELL 15-50 WT OIL & CHANGED FILTER. REPLACED AIR FILTER WITH A BRACKET AIR FILTER RAN STC # SAT 16L SEE 337 THIS DATE. CLEANED, GAPPED, ROTATED SPARK PLUGS, TIMED, MALES TO ENGINE. TEST RAN. OK. - END - WILLIAM HARRISON AP 528905060 1A						
3/30/89	2343.3	Tack Time	Engine Oil Change! Filter.	<i>[Signature]</i>	5288698	
4-24-89	2398.1	"	" " " "	<i>[Signature]</i>		29

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ENGINE LOG

DATE 1989	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
July 20,		2500.0		TT 2500.0 hours Engine Removed and Major Overhauled as follows: Crankcase cleaned and Inspected By Dye check. All checks normal, no cracks found and dimensional checks are still in manufacturers spec. Crankshaft and connecting Rod Overhauled & yellow toy at West Star Aviation ground function Colo. See WO # 1558 E. Installed New cone followers and Re-Main conrod from Act spec services. New Main & Rod Bearings. New Rod bolts & nuts. New Pistons Pins pin plugs & rings Installed. All new Valve guide with new Exhaust valves & caps. All new Valve keepers. Intake Valve reground & sealed. Base correct & found to be in limits per Type owning Service Information. (continued)		

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ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
July 20,				Continuation New Rocker Bushings and shafts, New lifter assembly's and Push Rod Buckets. Replaced Mixture valve + needle + seat on carb, also New throttle valve shaft + Bushings. Overhauled Starter and Alternator. Replaced both Magnos with 5.1ick Re-mold maggs - tops. In Rear of this log. Test Run & Watered all system to operate Normal. IT Also Replaced all spark plugs and all Water Mounts End Rly		
				DATE <u>July 20, 1989</u> TACH <u>2500.0</u> <u>2500.0</u> SNOH <u>2000</u>		
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 43 APPENDIX D FOR AN <u>100 hour</u> I SPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
					RANDY GOODRICH AP52872017814	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1939						
8/11				2520 TACH TIME OIL CHG BEEN FILTERED, REPAIRED	Steve Aderson	528-21-0740
11/11				2590 " " " " "	Steve Aderson	528-21-0740
Nov 11, 39		2590.0		Remove all spark plugs and clean compression check all 78/80 or better. Re-Tune both ways to Engine and to each other. Replace starter Drive with serviceable unit. check cowl & noted Engine to be Dry & look free. Tightened all baffles & associated items. I Certify that this Engine meets requirements of a 100 hour inspection. Don Dole	Don Dole	528-21-0740
2-18-40		2650.0		CHG OIL & FILTER	Steve Aderson	528-21-0740

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 <u>90</u>	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
	04/04/90			Tach 2702.0			
				Remove all spark plugs & clean & Rotate in engine. Diff test #1 78/80 - #2 78/80 - #3 76/80 #4 76/80. Change Oil filter & cut open old filter which was perfect clean this check. Note 89-2602 not applicable as to Brackett Intake filter Replacement prior date. Clean porewall forward & check way to engine timing. All controls found free and proper attach. Rtg	DATE April 7, 1990 TACH 2702.0 TT 2702.0 SMOH 202.0		
					I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 43 APPENDIX D FOR AN <u>100 hour</u> INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. RANDY GOODRICH AP528/2007814 Randy L Goodrich		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 90						
4/11		1720		CHG'D OIL & FILTER	Dave Aderson	528-210740
5/19		2725		CHG'D OIL + FILTER	Rob Harris	528-27-2710
7-21		2905		CHG'D OIL & FILTER	Dave Aderson	528-210740
8-10		2992		CHG'D OIL & Filter	Rob Harris	528-27-2710
9-8		3053		CHG'D OIL + Filter	Rob Harris	528-27-2710
9-26		3076		REPLACED SPARK PLUGS WITH 8 NEW REM40E	D W +	528-83-3182
Oct 4, 1990		Tack	3081.0	Removed Both Magneto's & Internally Inspected Set E-gap and Re-Install to Engine. Both set at 85° BDC. Compression check #1 80/80 #2 80/79 #3 80/79 #4 80/79. Blow In Oil Deposits out of glow plug. Replace Alternator Belt. Repair Baffles as Required. Tighten Rocker Box Covers and drain Tube's. Hated cracks in Outer Muffler equal & painted out to Pilot Dave Sinker. Wash lower engine and cowl - continue -		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
DATE	Oct 4 1950	TACH	3081.0			
FT	3081.0	Smooth	581.0	hours		
I CERTIFY THAT THIS <u>Engine</u> HAS						
BEEN INSPECTED IN ACCORDANCE WITH FAR 43 APPENDEY						
D FOR AN <u>100 hour</u> INSPECTION, AND WAS						
DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Excepting</u>						
<u>Walter R. Hark</u> RANDY DOODERICH A/P 528-27-142						
<u>Randy Dooderich</u>						
10/30/90	3152.2			Change oil & FILTER	<u>John A. Derriso</u>	528-19-6106
11-27-90	3211.2			Change oil & Filter	<u>John A. Derriso</u>	528-27-142
2-18-91	3286			Change oil & Filter	<u>John A. Derriso</u>	528-27-142
3-9-91		Tach	3244.7	Replaced Vacuum Pump. S/N No 27869.		1
				<u>John A. Derriso</u> A/P 1741495		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
3/14/91		3360		OIL CHANGE 7QTs + NEW FILTER	D h	528833182
4/14/91		3408	TACH	Replaced Left Mag No. 91020045 Timed and Ran Engine Chw 3 Wast N/P 1246495		
May 10, 1991			TACH	3430.0 TT 3430.0 smott 930.0 Compression check all 76/80 or better. Clean + Rotate all spark plugs. Install New Push Rod tube + seals on #1 cyl to correct oil leak. Replace Muffler assy with New part # F327-200 from W&W Also Inc. Log in Rear of this log. Replace throttle cables + carb best cable. Change oil + filter. Replace intake air filter. Oil RH Mag with new seal bearings. Diff gear + pinion. Re-time Mags to Engine		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				<u>Continued</u>		
				05° BTDC. Wash Engine & cowl.		
				Test Run all normal. END		
				DATE <u>May 10, 1991</u> TACH <u>3430.0</u>		
				IT <u>3430.0</u> SMITH <u>930.0</u>		
				I CERTIFY THAT THIS <u>Engine</u> HAS		
				BEEN INSPECTED IN ACCORDANCE WITH FAR 43 APPENDIX		
				D FOR AN <u>100 hour</u> INSPECTION, AND WAS		
				DETERMINED TO BE IN AIRWORTHY CONDITION.		
				RANDY GOODRICH APO8720178A		
				<u>Randy Goodrich</u>		
15 JUNE		3496		OIL CHANGE. TQTS + FILTER	<u>D. L. H.</u> 52883	3182
15 JULY		3552		" " "	<u>D. L. H.</u> 52883	3182
25 July Aug		3628		" " "	<u>D. L. H.</u> 52883	3182

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
200691		3678	Tach	Charge oil + Filter Add 7gts	D L +	52833182
11/14/91		3749	TACH	CHANGE oil + FILTER add 6gts ^{Apply Beacon Light Switch} Fill Front Street.	Ph. J. Danner	528-19-6106
11/18/92		3816.0	TACH	CHANGE oil + FILTER add 7gts	Ph. J. Danner	528-19-6106
21/9/92		3881	TACH	Change oil & Filter 7gts	Ph. J. Danner	52827427
- March 14, 1992 -						
Change engine oil and check filter for cuttings. Diff test all 76/80 on belts. Repair Alternator wiring. Repair temp probe wire to sender. Replace oil filter with oil 48/10. Wash engine + crank + set magnets timing to each other + 25 BDC. + clean plugs				DATE March 14, 1992 TACH 3950.0		
End Rly				3950.0	Smith - 1450.0	
CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 43 APPENDIX D FOR AN <u>100</u> hour INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. RANDY GOODRICH APS27200704 Randy Goodrich						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
4/26/92	TACH 4044	OIL CHANGE & FILTER INSPECT OIL SYSTEM CLEAN OUT OIL COOLER; SUMP FILTER			ST GEORGE AIR SERVICE JAN WHITE
4/28/92	TACH 4046.7			D. LESTER	replace oil filter.
5/29/92	TACH 4122.4			M. Dye	Replaced oil and filter
6/25/92	TACH 4182.9			D L	Replace oil filter, change oil - 8qts (replace taxi light)
7/1/92	TACH 4197.5				INSTALLED NEW CHAMPION REM40E SPARK PLUGS AT ALL CYLINDERS Daniel Stull AP 522331.33
9/16/92	TACH 4323.4			M. Dye	Replaced engine oil and filter
12/11/92	4329.7			58833102 D. LESTER	Remove + replace engine filter; 8QTS oil added engine runup OK D L
2/13/93	4435			MIKE DYE	oil change + filter

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
23 APR 93	TACH 4463.6				I Certify This Engine has been inspected in accordance with 100 hr inspection and found to be in Airworthy Condition at this time. Drained oil and serviced with 8QTS OF 15W 50 AeroShell Replaced Air Filter Part No FA6108 Compression Check #1 72/80 #2 72/80 #3 72/80 #4 72/80 Checked Gaps and Rotated Spark Plugs Replaced Push Rod Seals #2 Cylinder Replaced 2LH 4 Valve Cover Seals. Removed Alternator and Benchchecked it Replaced Terminal End on Brother Lead To Alternator From Battery Lead. Removed Battery Charged it Flushed Batt. Box Replaced Battery Choke Magn Timing with Light Removed Heat Muff Inspected for Cracks Reinstalled it. Pass A/c check OK <i>Alvin F. Ford</i> AP1746490
JULY 5 93	TACH 4529			ENGINE OIL + FILTER CHANGED	ADDED 7QTS RUN UP OK <i>D W</i>

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
7 AUG 93	TACH 4563				ENGINE OIL CHANGE + FILTER ADDED 7 QTS RUNUP OK <i>D. Lee</i> 5288331P2
2 SEP 93	TACH 4602				<i>.....</i> " " <i>D. Lee</i> 5288850P2
20 AUG 93	4585				changed/replaced both landing lights + taxi <i>D. Lee</i>
10-1-93	Tach 4652				Engine oil Change + filter Add 7 qts Runup OK <i>Left Jackson</i> 2519136837
March 1 st 1994			TACH	4750.0	ETT 4750.0
See all Records for further			service in new log # TWO.		
			<i>Ron J. Goodrich</i>		
			5287200282A		

PROPELLER INSPECTION & REPAIRS

[illegible]