

\$ 5.96



**AIRFRAME MAINTENANCE RECORD**

**ENGINE**

O-320-E2D  
SN L-44844-27A

**AIRCRAFT SERIAL AND REGISTRATION** 17267121 1454U

**RECORD NUMBER** TWO

#2  
log

### INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

Note: Record Service Letters and Airworthiness Directives in the back of this record as well as the appropriate Engine/Propeller/Avionics Maintenance Record.

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### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	
	HOURS	10ths
19 <u>94</u>		

May 1, 1994 TACH/TOTAL TIME: 4750.0 SMOH: ZERO  
 Completed major overhaul as follows: Clean all parts and non/destructive test for defects. check crankcase bearing, and camshaft bore, and found to be within factory limits. Polish crankshaft, check run out, and comply with SB 475b. Install reground camshaft and lifter bodies, new main and rod brgs. Cyls exchanged for fresh p .010 cyls from Gibson Aviation. Connecting rods overhauled by Acft Spec Services. New Ex Valves, keys, caps, Spark plugs, nitride oil gears, pump body and drive shaft, lifters and sockets, stressed bolts and nuts, pistons and rings, heavy piston pins, overhauled carburetor with one piece venturi and metal float, intake air filter, overhauled starter and alternator Install new Left Magneto SN/94010411. I CERTIFY THAT THIS ENGINE HAS BEEN REPAIRED IAW LYCOMING DATA, AND INSPECTED IAW A 100 HOUR INSPECTION AND DETERMINED TO BE AIRWORTHY.

SIGNED SIGNATURE,  
 CERTIFICATE TYPE  
 & NUMBER

RANDY L GOODRICH A&P 28720078IA

*Randy L Goodrich*

**MAINTENANCE RECORD**

DATE 19 <sup>94</sup>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
	4751.0		change oil & FILTER AFTER FINAL TEST FLIGHT. ALL OPERATIONS FOUND TO BE NORMAL - Re-fill CRANKCASE with chevron 100 MINERAL oil & change CH48110 FILTER	<i>Ron Woodhouse</i> 5287200781A
			October 11, 1994	
			N-1454U	
			Tach: 4955	
			Replaced leads in starter.	
			<i>Allen Woodhouse</i> Allen Woodhouse ACP 1547790 IA	

**MAINTENANCE RECORD**

DATE 19 <sup>94</sup>	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
Oct 22	4971		Change oil; filter, replaced 7qts oil engine run check OK.	<i>D. List</i> 828333821
4/95	5025		change oil & filter, Run engine - OK. Radio's rebuilt - kits, antennas -	<i>TSR</i>
6/20/95	Tach 5058.8		Compressions 1) 76/100 2) 75/100 3) 76/100 4) 75/100 Reset mag timing, cleaned & bopped spark plugs. Date 6/20/95 N 1454U TACH TIME 5058.8 ENG TIME 308.8 SMOH	
			ELT DUE 10, 95	
			TRANSPONDER DUE 6/97	
			I CERTIFY THAT THIS Engine WAS INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION	
			SIGNED: <i>Scott Wilson</i> #A529114113	

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1996				
1/96	5720		oil & filter change	Mike Sorensen
3/15/96	5763		Front landing lights replaced strobe light P/R - ADD oil to front landing strut	Scott Wilson
11	5763		oil Temp Gauge needs to be replaced - on order	IAS29114113

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
9				
7/9/96			Tach. 5232.0 Compressions all Cyl mid 20s/80, changed oil & filter added 8gts. Aeroshell 100w. cleaned & gapped spark plugs. set mag timing. Replaced induction Air filter.	
			Date <u>7/10/96</u> N <u>1454V</u> TACHTIME <u>5232</u> ENG. TIME _____ ELTDUE <u>8/98</u> TRANSPONDER DUE <u>6/97</u> I CERTIFY THAT THIS <u>Engine</u> WAS INSPECTED IN ACCORDANCE WITH <u>100hr / Annual</u> . INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION SIGNED: <u>Scott Wilson</u> AIP 529114113 IA	

**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
3/15/97	Tach 5329		changed oil & filter. Added 8gts Aeroshell 15W50. Scott M Wilk ACP 529114113	
6/24/97	Tach 5351 TAF 5351 SMOth 601.0		compressions all cyl mid 70s/80. changed oil & filter. Replaced all spark plugs with champion REM 40 E. Set mag timing. I certify that this Engine has been inspected in accordance with a 100 hr inspection and was determined to be in an Airworthy condition. Scott Wilk ACP 529114113	
9/1/97	Tach 5385.8		changed oil & filter. Added 8gts Aeroshell 15W-50. Removed magnetos, Inspected, cleaned, set internal timing Installed and timed to engine. ops check ok. Scott Wilk ACP 529114113	

**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
1/11/98	Tach 5452.1		changed oil & filter added 8gts Aeroshell 15W-50. ops check OK	Scott Wilk ACP 529114113
2/11/98	Tach 5489. TAF 5489 SMOth 739		compressions all Cyl mid to low 70s/80 changed oil and oil filter. added 8gts Aeroshell 100W. Cleared and gapped spark plugs. Replaced Battle Seal. Replaced cowl shack mounts (5) checked and set mag timing. replaced induction air filter. I certify that this engine has been inspected in accordance with an 100hr inspection and was determined to be in an Airworthy condition. Scott M Wilk ACP 529114113	

**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
8/4/99			<p>Tech Compressions. 1) 70/80 2) 71/80 3) 71/80 4) 68/80                      5599.4 <del>Changed oil and filter. Added 8 qts</del>                      TIAF 5599.4 cleaned &amp; tapped spark plugs, checked                      SMOH 849.4 and set mag timing. Replaced #3 cyl Exhaust                      riser. Replaced #4 cyl oil Return line. I certify                      that this Aircraft Engine has been inspected                      in accordance with an annual inspection and                      was found to be in an Airworthy condition.                      Scott M Wilbur AEP 529114113</p>	

**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
9/1/2000			<p>Tech 5725.0 Compressions. 1) 70/80 2) 70/80 3) 71/80 4) 70/80                      SMOH 975.0 Replaced spark plugs with Rem 40E Champions.                      TIAF 5725.0</p> <p>check and set mag timing. Replaced intake                      filter. change oil and filter. added 8 qts                      Aeroshell 100. I certify that this engine                      has been inspected in accordance with a 100hr                      inspection and was determined to be in an                      Airworthy Condition. Scott Wilbur AEP 529114113-</p>	

### MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
10/15/01	Tach TTAF SMOHT	87.6 5843.6 1093.6	Compressions 1) 75/80 2) 76/80 3) 76/80 4) 75/80 .. cleaned & gapped spark plugs. changed oil & filter added 8 quarts Aeroshell 15W-50. Removed magnetos. inspected and replaced contact points. Plw m-3081 in both mags. cleaned internally timed and reinstalled and time mags to engine at 25° BTC. Replaced all Rocker Cover gaskets. Removed & Repaired Carb heat Box. Reinstalled on Carb heat Box. I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in an Airworthy condition	

*Scott M Wilk ATP 52911413*

### MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
10/20/01	Tach TTAF SMOHT	137.6 5893.6 1143.6	Changed oil & filter. Added 8qts Aeroshell 15W-50. performed leak check ops ok. No leaks found	
10/24/2002	Tach TTAF SMOHT	192.1 5948.1 1198.1	Compressions 1) 75/80 2) 76/80 3) 75/80 4) 75/80. changed oil & filter. Added 8qts Aeroshell 15W-50. cleaned & gapped spark plugs checked & reset magneto timing 25° BTC. Replaced induction Air filter. I certify that this engine has been inspected in accordance with an 100 hr inspection and was found to be in an Airworthy condition.	
9/11/03	Tach TTAF SMOHT	258.9 6014.9 1264.9	Changed oil & filter. Added 8quarts Aeroshell 15W50. Repaired oil temp indication. performed engine run up. ops check & leak check ok.	

*Scott M Wilk ATP 52911413*

*Scott Wilk ATP 52911413*

**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
12/17/63	Tech HAF Smith	74.3 6030.3 1080.3	Replaced muffler p/n K1754001-23. Replaced induction Air filter Replaced all spark plugs with REM40E. <del>also</del> Compressions 1) 75/80 2) 75/80 3) 76/80 4) 75/80 checked and set mag timing. I certify that this Engine & Propeller have been inspected in accordance with an 100 hr insp and was determined to be in an Airworthy Condition. Scott Wilh AAP 529114113.	
4/11/64	Tech	315.6	changed oil & filter. Added 8qts Aeroshell 15W50 performed Engine Runup & leak check, No leaks found Scott Wilh AAP 529114113	

**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
7/18/64	Tech	386.2	Compressions. 1) 76/80 2) 75/80 3) 76/80 4) 75/80 checked & set Mag timing. Replaced induction Air filter. cleaned & Gapped spark plugs. I certify that this engine & Propeller have been inspected in accordance with a 100hr inspection and was determined to be in an Airworthy Condition. Scott Wilh AAP 529114113.	
5/26/65	Tech	437.5	changed oil & filter. added 8qts Aeroshell 15W/50 performed engine runup. ops check & leak check ok. Scott Wilh AAP 529114113	



**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
12/19/05	Tach	503.6	Compressions 1) 75/80 2) 75/80 3) 76/80 4) 74/80 Checked and set mag timing to 25° BTC. Cleaned & bopped spark plugs, changed oil & filter. Added 8 qts Aeroshell 15W50. Replaced induction Air filter. I certify that this Engine & propeller has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition. Scott Wilh AP 529114113	
7/15/2006	Tach	556.3	changed oil & filter Added 8 qts Aeroshell 15W50 performed engine run up. ops & leak checks ok. Scott Wilh AP 3142227	

**MAINTENANCE RECORD**

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
9/15/06	Tach Smolt	608.2	changed oil & filter Added 8 qts Aeroshell 15W50. performed engine run up. ops & leak checks ok. Scott Wilh AP 3142227	
11/17/2006	Tach Smolt	663.7	Compressions 1) 75/80 2) 76/80 3) 75/80 4) 75/80 checked & set mag timing to 25° BTC. Cleaned & bopped spark plugs. changed oil & filter. Added 8 qts Aeroshell 15W50. Replaced induction Air filter. I certify that this Engine & propeller has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition. AOs check and complied with to date. Scott Wilh AP 3142227	

## MAINTENANCE RECORD

DATE 19__	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
6/18/2007	Tach		changed oil & filter. Added 8qts Aeroshell 15W-50 performed engine run up. ops & leak checks ok no leaks found Scott Wilson A7P3142227	
7/13/2007	Tach 7785		changed oil & filter. Added 8qts Aeroshell 15W-50 Replaced Vacuum pump with new P/N RA 215CC S/N A26781. Replaced hose from vacuum relief filter to vacuum pump. performed leak check. No leaks found. Scott Wilson A7P3142227	

Air Center of Salt Lake  
7365 S. 4450 W.  
W. Jordan, UT 84084  
801-566-4829  
N#: 1454U

Model: Cessna 172M Eng. Model Lycoming O320- E2D	Tach: 821.1 Eng TT
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Replaced Spark Plugs with REM 40E. Set Mag timing to 25 deg. BTC.

*Scott M Wilson*

September 1, 2007

Scott M Wilson A7P3142227

Model: Cessna C172M  
S/N: 17267121  
Reg# N1454U  
Eng S/N: L-44844-27A



Salt Lake municipal #2  
7365 S. 4450 W.  
W. Jordan, UT 84084  
801-566-4829

Invoice: 516  
Tach: 843.2  
TTE: 6599.2  
TSMOH: 1849.2

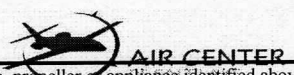
C/W **100 HR** inspection IAW Cessna 172N Maintenance Manual & Single Engine Inspection Guide. Changed oil & filter. Cut & inspected filter. No defects noted. Serviced w/ 8 quarts A/S 15W-50. Performed differential compression test, as follows: 1 75/80 2 74/80 3 75/80 4 76/80. Replaced #3 cyl oil return tube. Overhauled carburetor. Repaired carburetor heat box. Replaced all 4 rocker cover gaskets. Replaced Throttle rod end. Completed new AD compliance log, all AD's are current, see AD list. Performed routine maintenance and servicing. Run up, ops and leak checks good. I certify that this engine has been inspected in accordance with a **100 HR** inspection and found to be airworthy this date.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.

Date: January 12, 2008

Inspector: *Scott Wilson*

Scott Wilson A&P3142227

DATE 19__	Model: Cessna C172M S/N: 17267262 Reg# N1454U	Salt Lake municipal #2 7365 S. 4450 W. W. Jordan, UT 84084 801-566-4829	W/O: 3292 Tach: 857.6 TTA: 6613.6	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
Removed Old Exhaust System. Installed New Laminar Flow System Extractor Exhaust System P/N PFS-13204 S/N 321. Installed Exhaust Cooling Fairing P/N PFS-66000. Weight & Balance and Equipment List was updated. See form 337.				
				
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.				
Date: March 12, 2008		Inspector: <u>Scott Wilson</u> Scott Wilson 31422271A		

Model: Cessna C172M S/N: 17267121 Reg# N1454U	Invoice: 531 Tach: 865.9 TTA: 6621.9	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
Changed oil and filter with Aeroshell 15W-50. Filter P/N CH48110-1. Ran engine ops check good no leaks found.		
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.		
Date: March 23, 2008	Inspector: <u>Scott Wilson</u> Scott Wilson A&P3142227	

Model: Cessna C172M S/N: 17267121 Reg# N1454U	Tach: 924.5 TTA: 6680.5	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
Replaced Fuel sender unit left fuel tank. Replaced Rotating beacon switch. Replaced mixture control arm in carburetor. Ops check good. Replaced throttle cable. Replaced push to talk pilot side. Ran engine all operations good.		
The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair(s) are on file at this Facility under the above referenced Work Order.		
Date: July 13, 2008	Inspector: <u>Scott Wilson</u> Scott Wilson A&P3142227	

Engine Was Removed and Sent  
to Western Skyways for Overhaul  
This Log Book is closed  
2/28/2009