

TEXTRON Lycoming

N79234

ENGINE LOG

SSP-1872-1

SERVICEABLE PART

Manufacturer

Part Name

Model

Part No.

Serial No.

Remarks:

The aircraft engine or accessory identified above was:

- ☒ REMANUFACTURED / REBUILT
- ☐ OVERHAULED
- ☐ REPAIRED

and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Order No. PL 1017512

Signed

Date 12-29-95
Signature of Authorized Person [Signature]

FOR:

TEXTRON Lycoming

FAA REPAIR

STATION #EJ1R115K

Nº

38583

Reciprocating Engine Division
Subsidiary of Textron Inc.
652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

Form 302

Mfg.	TEXTRON
Type	
Rated H.P.	
Rated R.P.M.	
Bore	
Compression Ratio	
Reduction Gear	
Propeller	
Blade Design	
Max. Hub H.P.	
Pitch	
Name	
Address	

TLRED-489
(Rev. 3-93)

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: O-360-A4M
Serial #: RL-34830-36A
Total Time: 0.0
Work Order #: PL1017512
Date Completed: 12-29-95

Authorized Signature [Signature]
Textron Lycoming Reciprocating Engine Division
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE LOG

Serial No. RL-3483-36A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3/30/96			Tach 2491.59 TSMOH 0000		
			① Installed 0-360-A4m S# RL-34830-36A on		
			Cessna 172K S# 17257986 Per STC SA44285W.		
			② Serviced with 8 quarts 100 mineral ardshell		
			③ ground run, set Idle speed & mixture, Leak checked		
			and opps checked oik		
			④ All In Accordance with manufacter Recomendations		
			Shut & pulln AP 242278493		
6/5/96			Tach 2551.86 OIL CHANGE		
		</			

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10-1-96	Tach		2703.06		
			change oil & spin-on filter, safety filter service		
			with 8 quarts of 100 A/S oil, ground		
			run leak checked oik		
			Shut & pulln AP 242278493		

ENGINE LOG

Serial No. _____

Date			Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
			Hrs	Min			
12-3-96			Tach		2726.05 TSMott 234.46	Removed all cylinders, Hone all cylinders, Installed all new Rings, Installed new piston & piston pin #3, #4, Installed cylinders with all new gaskets & taved, all piston pins now meet spec and clw to upcoming service bulletin NO. 527 B; Ground ran Engine leaked & opps checked oik, Engine was serviced with 80 mineral oil and new filter, InAW. manufacturer Recommendations	
					Phil A Walker AP 242278493		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4-9-97	Tach		2772.21 ① compression 1 79/80 2 79/80 3 79/80 4 78/80 ② Changed oil & oil filter, screen checked oik, serviced with 8 quarts 100 w Aeroshell ③ cleaned & gap spark plugs installed with new gaskets ④ removed Both Magns set points, ReInstalled with new gaskets & Timmed ⑤ All AD's checked to date note completed AD status listing this Date I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION *TOTAL TIME <u>Smolt 280162 Phil A Walker IA 242278493</u>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No.

			Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
Date	Hrs	Min					
7-16-97	Tech:		2836.75				
			Changed Sfts. Aeroshell 100w oil.				
			changed ch48110 oil Filter & saftied.				
			Washed engine, Ground ran & leak checked O.k.				
			Martin R. Johnson				
			AOP 230869136				
							</

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4-12-98	29	46	Drained Oil, Inspected Screen And Replaced Filter. Serviced With 8 qts 100W Aeroshell. Cleaned Gapped Plugs. Checked Magneto Timing. Checked Carburetor. Checked Induction System. Checked Exhaust System. Checked Engine Controls And Hoses. Compressions Checked As Follows: #1 $\frac{76}{80}$ #2 $\frac{79}{80}$ #3 $\frac{78}{80}$ #4 $\frac{77}{80}$ Cleaned Engine And Leak Checked. AD 98-0208 Crankshaft Does Not Apply. All AD's Checked To Date See AD Compliance List. cont. Next		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	Page
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4-12-98	Tach	2970.46			
continued			I Certify That This <u>Engine</u> Has Been Inspected In Accordance With An <u>Annual</u> Inspection And Was Determined To Be In <u>Airworthy</u> Condition.		
			Martin R. Dodson FA230869136		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8-5-98	3045.89		Drained Oil Removed Filter. Installed New Filter And Serviced With 7qts 100W Aeroshell.		
			Martin R. Dodson A#P230869136		
12-7-98	3126.29		Drained Oil Removed Filter & Insp. Installed New Filter, Serviced With 7qts 80W Aeroshell.		
			Martin R. Dodson A#P230869136		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

THE PLANE DOCTOR
POTOMAC & SHANNON AIRFIELDS
N 79234

MAN. Lycoming MODEL O-360-A4M
S/N RL-34830-36A

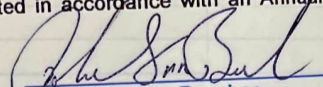


3328 Shannon Circle.
Fredericksburg, VA 22408-2300
Shannon 540 371-1151
Potomac 301 248-7930

Date 5/12/99 Tach Time 3178 Changed oil and Filter, filled engine with 50W AEROSHELL. Installed new Spark plugs REM40E. Checked Mag timing, engine controls, mounts and exhaust system. Checked fuel screens. Compression Check: 75/80 75/80 76/80 75/80 See AD listing with A/C records. Engine run up checked good.

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Airframe total time 3178 Engine time 678 SMOH


Roberta Ann Boucher

A&P228784505IA

ENGINE LOG

Serial No. _____

THE PLANE DOCTOR
POTOMAC & SHANNON AIRFIELDS

MAN. Lycoming MODEL O-360-A4M
S/N RL-34830-36A
N 79234

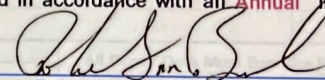


3328 Shannon Circle.
Fredericksburg, VA 22408-2300
Shannon 540 371-1151
Potomac 301 248-7930

Date 8/2/2000 Tach Time 3258 Changed oil and Filter, filled engine with 50W AEROSHELL. Cleaned Spark plugs & gapped. Checked Mag timing, engine controls, mounts and exhaust system. Checked fuel screens. Compression Check: 75/80 75/80 76/80 75/80 See AD listing with A/C records. Engine run up checked good.

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Airframe total time 3258 Engine time 658 SMOH


Roberta Ann Boucher

A&P228784505IA

Serial No.

THE PLANE DOCTOR

MAN. Lycoming MODEL O-360-A4M

POTOMAC & SHANNON AIRFIELDS S/N RL-34830-36A

N 79234

3328 Shannon Circle.

Fredericksburg, VA 22408-2300

Shannon	540	371-1151
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Potomac 301 248-7930

Date 12/14/2001 Tach Time 3353 Changed oil and Filter, filled engine with 40W AEROSHELL. Cleaned Spark plugs & gapped. Checked Mag timing, engine controls, mounts and exhaust system. Checked fuel screens. Compression Check: 75/80 75/80 76/80 75/80 See AD listing with A/C records. Engine run up checked good.

I certify that this engine has been inspected in accordance with an **Annual** inspection and was determined to be in airworthy condition.

Airframe total time 3353 Engine time 853 SMOH

SMOH

Roberta Ann Boucher

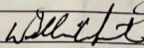
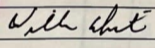
A&P228784505IA

Total to Date

certificated mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4-4-02	3392	89	Drained Oil Removed Filter Installed New Filter (CH48110) and Serviced with 7qts 40W Aeroshell		225117199
5/15/02	3421	56	Drained Oil Removed Filter Installed New Filter (CH48110) and serviced with 7qts 40W Aeroshell		225-11-7199
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

THE PLANE DOCTOR SHANNON AIRPORT

3328 Shannon Circle.
Fredericksburg, VA 22408
Shannon 540-371-1151

Man. Lycoming Model O-360-A4M
S/N RL-34830-36A
N 79234

Date 3/2/2003 Tach Time 3479.8 Changed oil and Filter, filled engine with 40W AEROSHELL. Cleaned Spark plugs & gapped. Checked Mag timing, engine controls, mounts and exhaust system. Checked fuel screens. Carburetor repaired by Aircraft Fuel Specialists, W/O 8013 installed new float Kit P/N CF666-916 Compression Check: 75/80 75/80 76/80 75/80 See AD listing with A/C records. Engine run up checked good.

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Airframe total time 3479.8 Engine time 979.8 SN SN

[Signature]
Roberta Ann Boucher A&P 2707227 IA

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/24/03	3560	43	Drained Oil, Removed Filter		
			Installed new Filter (CH48110) and serviced w/ 7qts 40W Aeroshell	Anthony White	2693513
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

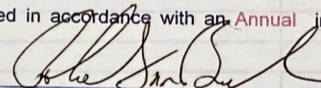
ENGINE LOG

Serial No. _____

THE PLANE DOCTOR
 SHANNON AIRPORT
Man. Lycoming Model O-360-A 4MS/N RL-34830-36AN 79234
 3328 Shannon Circle.
 Fredericksburg, VA 22408
 540-371-1151

 Date 3/22/2004 Tach Time 3581 ~~3479.8~~ Changed oil and Filter, filled engine with 50W Aeroshell. Cleaned spark plugs & gapped. Checked Mag timing, engine controls, mounts and replaced #2 & #4 exhaust gaskets. Checked fuel screens. Compression Check: 74/80 75/80 76/80 76/80 See AD listing with A/C records. Engine run up checked good.

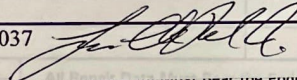
 I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

 Airframe total time 3581 Engine time 1081 SN

 Roberta Ann Boucher A&P 2707227 IA

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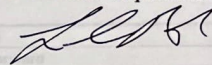
ENGINE LOG

Serial No. _____

Date	Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
		Cessna C-172K N79234 Lycoming Engine Model # O-360-A 4M S/N RL-34830-36A		
		Tach Time ^{3660 LR} 3623 TTSN ¹¹⁶⁰ H23 April 1, 2005		
<p>Drained oil and checked sumps and screen. Changed oil filter and replaced with new Champion 48111. R&R all plugs. Cleaned, gapped and reinstalled plugs. Checked engine timing and compression. #1) 78/80 #2) 80/80 #3) 79/80 #4) 80/80. Checked all linkages and attach fittings. Engine test run no leaks noted. Mag drop 75 a side.</p> <p>I certify that this engine has been inspected IAW an Annual/100 hour inspection and found to be in Airworthy condition.</p> <p>Louis Charles Ridley Jr. A&P/IA 2706037 </p>				
Brought Forward		Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Total to Date				

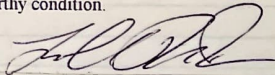
ENGINE LOG

Serial No. _____

Date	Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
5-4-2006		Tach Time 3775.02 TTSN 1275.02		
<p>Drained oil and checked sump, screens and filter for contamination. None found. Replaced with new CH48111 filter and serviced with 7 quarts of Aeroshell 100. Cleaned gapped and reinstalled plugs. Checked engine timing and compression. Reset timing. Compression checks were #1 78/80, #2 77/80, #3 78/80, #4 77/80. Checked all baffles seals and linkages. Secured loose mixture cable with new Adel clamp. Checked muffler and exhaust system for leaks, none found. R&R prop to install new case nose seal. Operational check completed. No leaks noted. Mag drop 75 a side. All work performed IAW Cessna and Lycoming service manuals and AC43-13. I certify that I have inspected this aircraft IAW an annual/100 hour inspection and found it to be in airworthy condition.</p> <p>Louis Charles Ridley Jr.  A&P/IA 2706037</p>				
Total to Date				

ENGINE LOG

Serial No. _____

Date	Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
6-1-2007		Tach Time 3829.45 TTSN 1329.45		
<p>Drained oil and checked sumps, screens and filter for contamination. None found. Replaced filter with new CH4811 and serviced with 7 quarts of Aeroshell 100. Cleaned and gapped and reinstalled plugs. Checked engine timing and compression. Compression checks #1 80/80 #2 79/80 #3 79/80 #4 78/80. Checked all baffles, seals, linkages, muffler, and exhaust system. No defects noted. Operational checks completed. No leaks noted. Mag drop 75 a side. All work performed IAW Cessna and Lycoming service manuals and AC 43-13. I certify that this engine has been inspected IAW an Annual/100 hour inspection and found to be in airworthy condition.</p>				
<p>Louis Charles Ridley Jr.  A&P/IA 2706037</p>				
<p>Page Total</p>				
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<p>Total to Date</p>				
<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>				

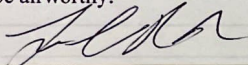
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-3-08	38	78	Drained O.I., Removed Filter		
			Installed New Filter (CH48110) and	Antly wlt	2693513
			Serviced w/ 7 qts 40w Aeroshell		
<p>Page Total</p>					
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<p>Total to Date</p>					
<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>					

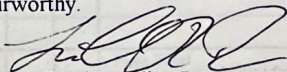
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7-4-2008			Tach Time 3889.72 TTSN 1389.72		
<p>Cleaned and gapped plugs, and checked engine timing and compression. Compression checks #1 80/80 #2 79/80 #3 79/80 #4 78/80. Checked all baffles, seals, linkages muffler and exhaust system. No defects noted. Operational checks completed. No leaks noted. Mag drop 75 a side. All work performed IAW Cessna and Lycoming Service Manuals and AC 43-13. I certify that this engine has been inspected IAW an Annual/100 hour inspection and found to be airworthy.</p>					
Louis Charles Ridley Jr.				A&P2706037IA	
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
September 18, 2009			Tach Time 3930.86 TSO 1403.86		
<p>Engine completely inspected. Cleaned and gapped plugs, and checked engine timing and compression. Compression checks: #1 - 79; #2 - 80; #3 - 78; #4 - 80. Checked all baffles, seals, linkages, muffler and exhaust system. No defects noted. Operational checks completed. No leaks noted. Mag drop 75 a side. All applicable AD's and SB's complied with. AD's checked through 2009-09A. Engine serviced with 7.0 quarts of 20W-50 oil. All work performed IAW Cessna and Lycoming Service Manuals and AC 43.13. I certify that this engine has been inspected IAW an Annual/100 hour inspection and found to be Airworthy.</p>					
Louis Charles Ridley Jr.				A&P/IA 2706037	
Total to Date					

ENGINE LOG

Serial No. _____

Date: 09/16/2010

Aircraft # N79234

Serial # 17257986

License
Number

Tach: 3948.40

Total Time: 3948.40

SMOH: 1421.40

Engine controls, hoses and hardware inspected for condition and security. Cleaned and gapped plugs and checked engine compression. Compression checks: #1 78/80 #2 78/80 #3 78/80 #4 78/80. Replaced oil filter with CH48110 and serviced engine with 7.0 quarts of Aeroshell 20W-50 oil. All applicable AD's and SB's complied with. AD's checked through 2010-08A. All work performed IAW Cessna and Lycoming Service Manuals and AC 43.13.

I certify that this engine has been inspected IAW an Annual Inspection, FAR 43.13 and Appendix (d) Scope and Detail and was found to be in Airworthy Condition for return to service.

William T. Hazel

A&P2281197281A

ENGINE LOG

Serial No. _____


Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Space Coast Aviation

900 Airport Road, Merritt Island, Fl 32952. Tel: 321/453-2222

Date: January 28, 2011 Reg: N79234 Tach: 3972.46

Removed and replaced intake gasket on cylinder #3. Ground ran, all checks OK.

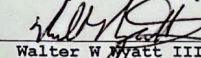

 Kenneth D. Wilson 3109859 A&P

Space Coast Aviation

900 Airport Road, Merritt Island, Fl 32952. Tel: 321/453-2222

Date: May 12, 2011 Reg: N79234 Tach: 3999.86

Oil Change, Drained oil, removed oil filter and replace with new Ch48110-1, Filled oil with 8qts. owner supplied Aeroshell W100, Cut oil filter and found no evidence of metal.


 Walter W. Wyatt III 3184579 A&P

Space Coast Aviation

900 Airport Road, Merritt Island, Fl 32952. Tel: 321/453-2222

Date: October 18, 2011

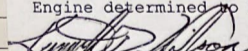
Reg: N79234

Tach: 4044.96

	Serial #	Total Time	TSMO
Airframe:	172579863231	4044.96	
Engine:	RL-34830-36A	1553.37	new
Prop:	30458K	1553.37	new

I certify that an **Annual inspection** has been performed on this engine in accordance with FAR part 43 appendix D and Lycoming operator's manual. Drained oil and replenished with 8 quarts Aeroshell W100. Replaced oil filter with new CH 48110-1 checked oil screen and cut open old oil filter, no metal particles noted. Cleaned, gapped, tested and refitted spark plugs. Inspected hoses, exhaust, fuel and induction systems and accessories. Replaced air filter with new Brackett BA-4108. Performed differential compression test results as follows: #1 78/80 #2 78/80 #3 79/80 #4 79/80

AD's researched through issue 2011-22. Engine Run up completed all indications normal. Engine determined to be airworthy and returned to service.


Kenneth D. Wilson 3109859 IA

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Space Coast Aviation

900 Airport Road, Merritt Island, Fl 32952. Tel: 321-453-2222

Date: October 28, 2014

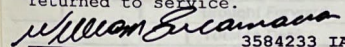
Reg: N79234

Tach: 4139.71

	Serial #	Total Time	TSMO
Airframe:	17257986	4139.71	
Engine:	RL-34830-36A	1648.12	1648.12
Prop:	30458K	1648.12	N/A

I certify that an **Annual inspection** has been performed on this engine in accordance with FAR part 43 appendix D. Drained oil and replenished with 8 quarts Aeroshell W100. Replaced oil filter with new CH48110-1 checked oil screen and cut open old oil filter, no metal particles noted. Replaced upper spark plug in cylinder #1 and lower spark plugs in cylinders #2 and # 3 p/n REM38E. Cleaned, gapped, tested and refitted remaining spark plugs. Inspected hoses, exhaust, fuel and induction systems and accessories. Replaced intake gasket p/n 71973 on cylinder #3. Replaced primer line on cylinder #1. Replaced screen on carburetor heat intake. Performed differential compression test results as follows: #1 75/80 #2 76/80 #3 76/80 #4 75/80.

Replaced air filter with new BA-4108. AD's researched through October 28, 2014, no engine AD's due at this time. Engine run up completed, all indications normal. Engine returned to service.


William Encarnacion 3584233 IA

