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## ENGINE MAINTENANCE RECORD

**AirMart.com**  
AIRCRAFT SALES & BROKERAGE

AIRCRAFT SERIAL AND REGISTRATION 172512403 N879FZ

ENGINE MODEL AND SERIAL IO-360-L2A L-38042-S1E

D5518-3-13

### 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 Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER										
	HOURS	10THS												
2019	0	0	<p style="text-align: center;"><b>New Reciprocating Engine Certificate</b></p> <p style="text-align: center;">This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; font-size: 2em; margin-right: 20px;">LYCOMING™</div> <div style="width: 80%;"> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Part Number</td> <td>ENPL-RT10596</td> </tr> <tr> <td>Serial Number</td> <td>L-38042-51E</td> </tr> <tr> <td>Engine Model</td> <td>IO-360-L2A</td> </tr> <tr> <td>Work Order</td> <td>KM741426</td> </tr> <tr> <td>Total Time</td> <td>0</td> </tr> </table> <div style="margin-top: 20px; text-align: right;"> <p style="font-size: 1.5em; font-family: cursive;">Charles Hess</p> <hr style="width: 100%;"/> <p>Authorized Representative      Date</p> <p style="margin-top: 20px;">Production Certificate #3</p> <p style="font-size: 0.8em; margin-top: 20px;">652 Oliver Street Williamsport, PA 17701 U.S.A. Lycoming Engines is a division of Avco Corporation</p> </div> </div> </div>	Part Number	ENPL-RT10596	Serial Number	L-38042-51E	Engine Model	IO-360-L2A	Work Order	KM741426	Total Time	0	
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## MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS   10THS			

A/C Serial #	A/C Unit #	A/C Registration #	Date	City ID	Total A/C Hours	Total A/C Landings	Total Engine HRS	Total Prop Hrs
172S12403	12403	N879FZ	12/05/19	IDP	3.6	5	3.6	3.6

Engine Model **IO-360-L2A** Serial Number **L-38042-51E** has been installed on aircraft S/N **172S12403**  
 with TTAF **3.6** TTSN was **3.6**

This engine serviced with 8 qts Phillips Aviation Oil Type M 20W50 and Champion CH48110-1 filter.

Work Performed by **TEXTRON AVIATION INC.** Certificate No. **PC-4** **12/05/19**

*I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration*

Work inspected by **Richard Scott**

Certificate No. **PC-4**

Date **12/05/19**

Pertinent details of this maintenance are on file at our facility under the above Work/Service Order Number as applicable.


# MAINTENANCE RECORD

DATE

TOTAL TIME



**Thoroughbred Aviation Maintenance, Inc.**  
**ENGINE LOG**

SIGNATURE,  
ATE TYPE  
NUMBER

Date: **12/22/2020**

Reg No: **N879FZ**

Aircraft: **Cessna 172S** Serial No. **182S12403** ACTT: **18.7**

Eng: **IO-360-L2A** S/N: **L-38042-51E** Eng TT **18.7**

Prop: **McCauley 1A170E/JHA7660** S/N: **ANJ 23002**

Shop Order: **203330**

Tach: **18.7**

Prop. TT: **18.7**

1. Performed annual inspection this date and the following maintenance was accomplished.
2. Completed with compression test with the following results: #1-78; #2-78; #3-78; #4-78.
3. Drained engine oil and removed filter. Cut open old oil filter and inspected. No metal found. Installed new CH 48110-1 filter. Serviced engine with 7qts. Phillips XC20W50M oil. Ran engine and checked for oil leaks.
4. Checked for applicable AD's None apply as of 12/22/2020.
5. I certify this engine has been inspected IAW an annual inspection per 14 CFR part 43 appendix D and found to be in airworthy condition. Cessna 172s 100hr/annual inspection checklist used as a guide.

-----End-----

## MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed.

"Pertinent" details of the repair are on file at this agency under **Work Order: 203330**

Date: **12/22/2020**


Signed:

**John Calvert**

**CRS#R814199Y**

## AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

A.D. NUMBER AND AMENDMENT NO.	METHOD OF COMPLIANCE	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE A.D. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
			AIRFRAME	COMPONENT	ONE-TIME	RE-CURRING			

Engine A.D. Compliance Record						
Aircraft Model: 172S		A/C S/N: 172S12403				
Engine Model: IO-360-L2A		Engine S/N: L-38042-51E				
AD Number	Description	Complied With Date/Time	Method of Compliance or Applicability Status		Once or Recur	
2017-16-11	Inspection of Connecting Rod Bushings	Pre-A/W	Not Applicable per Engine Serial Number as called out on Lycoming S/B 632B dated Aug 04, 2017		Once	
Compliance verified at time of delivery. Authorized Inspector Signature and Stamp:		<div style="border: 1px solid black; padding: 2px; display: inline-block;">                     X07D 071Y 27                 </div>			12/05/19	Textron Aviation Inc. Repair Station Satellite Location - Indy X07D071Y

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