
ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 172S12579 N20B18

ENGINE MODEL AND SERIAL I0-360-L2A L-38511-51E



251 Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 1,880.00 / 1,880.00 **Off/On Hours:** 1,874.2

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: APA74949

Date: 08/10/2023

Squawk

- 2.1 COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1_75/80, #2_75/80, #3_74/80, #4_72/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN
WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED,
GAPPED & TESTED SPARK PLUGS.
- 2.2 COMPLETED A 500 HR INSPECTION ON MAG PN:4371 SN: 20040808 IAW CHAMPION L-1363J MANUAL.
- 2.3 COMPLETED A 500 HR INSPECTION ON MAG PN:4371 SN: 20040810 IAW CHAMPION L-1363J MANUAL.
- 2.4 COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS. NEXT DUE 1980.0
ENGINE TOTAL TIME.
- 2.5 REPLACED ROCKER COVER GASKET WITH NEW. LEAK CHECK GOOD.
- 2.6 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

WILLIAM PERMAN AP2702536

The subject aircraft was involved in an
incident/accident at
Englewood, CO
on 9/8/2023 rendering it a
constructive total loss as not repairable
within its insured value. For further
detail, refer to claim AJ309

Signed: Robert M. Brumby
Date: 11/6/2024



Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 1,856.70 / 1,856.70

Off/On Hours: 1,850.9

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

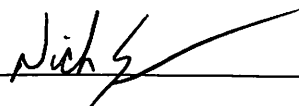
Work Order No: APA68270

Date: 02/13/2023

Squawk

- 2.1** COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1_78/80, #2_76/80, #3_74/80, #4_76/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2** COMPLETED ENGINE 400 HOUR VALVE TRAIN INSPECTION IN ACCORDANCE WITH LYCOMING OPERATOR'S MANUAL WITH NO DEFECTS NOTED.
- 2.3** COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS. NEXT DUE 1956.7 ENGINE TOTAL TIME.
- 2.4** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

NICHOLAS J SANZO 3779661 AP





Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron**TSN/TSO:** 1,757.70 / 1,757.70 **Off/On Hours:** 1,751.9**Part/Model number:** IO-360-L2A**Serial Number:** L-38511-51E**Work Order No:** APA67062**Date:** 01/10/2023**Squawk**

- 2.1** COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1_72/80, #2_78/80, #3_78/80, #4_78/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2** COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS. NEXT DUE 1857.7 ENGINE TOTAL TIME.
- 2.3** INSTALLED NEW OIL QUICK DRAIN PLUG.
- 2.4** REMOVED AND REPLACED ALL INTAKE TUBE GASKETS, LEAK CHECK GOOD.
- 2.5** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

NICHOLAS J SANZO 3779661 AP



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United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 1,657.90 / 1,657.90

Off/On Hours: 1,652.1

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DEN65764

Date: 11/23/2022

Squawk

- 2.1** COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1_78/80, #2_76/80, #3_78/80, #4_74/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN
WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED,
GAPPED & TESTED SPARK PLUGS.
- 2.2** COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS. NEXT DUE 1757.9
ENGINE TOTAL TIME.
- 2.3** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SHAWN TAYLOR AP4161913



Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 1,558.30 / 1,558.30 Off/On Hours: 1,552.5

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DEN64608

Date: 10/24/2022

Squawk

2.1

COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 75/80, #2 77/80, #3 72/80, #4 76/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN
WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED,
GAPPED & TESTED SPARK PLUGS.

2.2

COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS. NEXT DUE 1,658.30
ENGINE TOTAL TIME.

2.3

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

ANTHONY FORTINO 3709845AP



1. Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 1,459.20 / 1,459.20

Off/On Hours: 1,453.4

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DEN63281

Date: 09/22/2022

Squawk

- 2.1** COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 78/80, #2 75/80, #3 77/80, #4 76/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2** COMPLETED A 500 HR INSPECTION ON MAG PN:4371 SN: 20040808 IAW CHAMPION L-1363G MANUAL. INSTALLED NEW MAG GASKET.
- 2.3** COMPLETED A 500 HR INSPECTION ON MAG PN:4371 SN: 20040810 IAW CHAMPION L-1363G MANUAL. INSTALLED NEW MAG GASKET.
- 2.4** COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS. NEXT DUE 1,559.20 ENGINE TOTAL TIME.
- 2.5** COMPLETED ENGINE 400 HOUR VALVE TRAIN INSPECTION IN ACCORDANCE WITH LYCOMING OPERATOR'S MANUAL WITH NO DEFECTS NOTED.
- 2.6** REPLACED 4 SPARK PLUGS THAT FAILED INSPECTION
- 2.7** REMOVED AND REPLACED OIL TEMPERATURE PROBE WITH A NEW PROBE AND RECONNECTED GROUND WIRE
- 2.8** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

ANTHONY FORTINO 3709845AP



251 Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron**TSN/TSO:** 1,260.60 / 1,260.60**Off/On Hours:** 1,254.8**Part/Model number:** IO-360-L2A**Serial Number:** L-38511-51E**Work Order No:** DEN60636**Date:** 07/08/2022**Squawk**

- 2.1** COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 78/80, #2 77/80, #3 78/80, #4 78/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2** COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS. NEXT DUE 1,360.60 ENGINE TOTAL TIME.
- 2.3** REMOVED AND REPLACED ALL ROCKER COVER GASKETS AND INSTALLED COVER BACK TO CYLINDERS. LEAK CHECK GOOD.
- 2.4** REMOVED AND REPLACED BOTTOM #1,3,4 SPARK PLUGS.
- 2.5** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

MURRAY GRAY 4264152AP



251 Little Falls Dr
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United States

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Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 1,162.40 / 1,162.40

Off/On Hours: 1,156.6

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DEN59196

Date: 05/31/2022

Squawk

- 2.1 COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 79/80, #2 77/80, #3 78/80, #4 78/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS
- 2.2 COMPLETED ENGINE 400 HOUR VALVE TRAIN INSPECTION IN ACCORDANCE WITH LYCOMING OPERATOR'S MANUAL WITH NO DEFECTS NOTED.
- 2.3 COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS. NEXT DUE 1,262.40 ENGINE TOTAL TIME.
- 2.4 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
JULIAN ARCHULETA 4231503 A&P



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United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 1,065.30 / 1,065.30

Off/On Hours: 1,059.5

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DEN58141

Date: 04/28/2022

Squawk

- 2.1 COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1_75/80, #2_76/80, #3_76/80, #4_77/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN
WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED,
GAPPED & TESTED SPARK PLUGS.
- 2.2 COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS WITH NO DEFECTS
NOTED. NEXT DUE 1,165.30 ENGINE TOTAL TIME.
- 2.3 REMOVED AND REPLACED CRANK SHAFT SEAL WITH NEW LEAK CHECK GOOD.
- 2.4 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

MURRAY GRAY 4264152AP



Little Falls Dr
Wilmington, DE 19808
United States

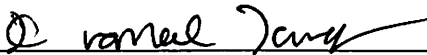
Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron**TSN/TSO:** 965.90 / 965.90**Off/On Hours:** 960.1**Part/Model number:** IO-360-L2A**Serial Number:** L-38511-51E**Work Order No:** DEN57079**Date:** 03/29/2022**Squawk**

- 2.1** COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 78/80, #2 76/80, #3 76/80, #4 77/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2** COMPLETED A 500 HR INSPECTION ON MAG PN:4371 SN: 20040808, IAW CHAMPION L-1363G MANUAL.
- 2.3** COMPLETED A 500 HR INSPECTION ON MAG PN:4371 SN: 20040810, IAW CHAMPION L-1363G MANUAL.
- 2.4** COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS WITH NO DEFECTS NOTED. NEXT DUE 1065.90 ENGINE TOTAL TIME.
- 2.5** REMOVED AND REPLACED ALL INTAKE GASKETS
- 2.6** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DANIELKING 4114293 AP





251 Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 866.60 / 866.60

Off/On Hours: 860.8

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DEN55977

Date: 02/21/2022

Squawk

- 2.1 COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 78/80, #2 76/80, #3 77/80, #4 77/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2 COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS WITH NO DEFECTS NOTED. NEXT DUE 966.60 ENGINE TOTAL TIME.
- 2.3 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
MURRAY GRAY 4264152AP



251 Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 767.10 / 767.10

Off/On Hours: 761.3

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

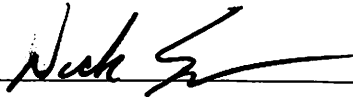
Work Order No: DEN54293

Date: 12/21/2021

Squawk

- 2.1 COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1_76/80, #2_75/80, #3_74/80, #4_75/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2 COMPLETED ENGINE 400 HOUR VALVE TRAIN INSPECTION IN ACCORDANCE WITH LYCOMING OPERATOR'S MANUAL WITH NO DEFECTS NOTED.
- 2.3 COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS WITH NO DEFECTS NOTED. NEXT DUE 867.1 ENGINE TOTAL TIME.
- 2.4 REPLACED #1T AND #3T SPARK PLUGS WITH P/N: REM38E, INSPECTED AND TESTED BEFORE INSTALL.
- 2.5 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

NICHOLAS J SANZO 3779661 AP





Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron**TSN/TSO:** 667.10 / 667.10**Off/On Hours:** 661.3**Part/Model number:** IO-360-L2A**Serial Number:** L-38511-51E**Work Order No:** DEN53383**Date:** 11/17/2021**Squawk**

- 2.1** COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 74/80, #2 75/80, #3 79/80, #4 75/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2** COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS WITH NO DEFECTS NOTED. NEXT DUE 667.10 ENGINE TOTAL TIME. OR NEXT ANNUAL 2022-09-30.
- 2.3** REPLACED 6 OUT OF 8 SPARK PLUGS P/N: REM38E
- 2.4** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

ANTHONY FORTINO 3709845AP



Little Falls Dr
Wilmington, DE 19808
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Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron**TSN/TSO:** 572.30 / 572.30**Off/On Hours:** 566.5**Part/Model number:** IO-360-L2A**Serial Number:** L-38511-51E**Work Order No:** DEN52443**Date:** 10/19/2021**Squawk**

- 2.1** COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 78/80, #2 78/80, #3 78/80, #4 76/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2** COMPLIED WITH AD 2015-19-07 BY INSPECTION OF FUEL INJECTOR FUEL LINES AND CLAMPS WITH NO DEFECTS NOTED. NEXT DUE 672.30 ENGINE TOTAL TIME. OR NEXT ANNUAL 2022-09-30
- 2.3** REMOVED AND REPLACED OIL FILLER TUBE WITH NEW GASKET INSTALLED P/N: SL72059
- 2.4** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

ANTHONY FORTINO 3709845AP



Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 473.70 / 473.70

Off/On Hours: 467.9

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DEN50910

Date: 08/30/2021

Squawk

- 2.1 COMPLETED A 100 HOUR INSPECTION OF THIS ENGINE.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 78/80, #2 76/80, #3 78/80, #4 77/80.
DRAINED OIL, REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED. INSPECTED OIL SUCTION SCREEN WITH NO DEFECTS NOTED. INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50. CLEANED, GAPPED & TESTED SPARK PLUGS.
- 2.2 REMOVED 4371. MAGNETO (SN#20040808:), COMPLIED WITH 500 HOUR MAGNETO INSPECTION, INSTALLED OVERHAUL KIT P/N: MK401, INSTALLED MAGNETO TO ENGINE WITH NEW GASKET P/N: LW-12681 AND TIMED TO ENGINE AT 25 BTDC, ABOVE WORK COMPLETED IAW CHAMPION OVERHAUL MANUAL L-1363F.
- 2.3 REMOVED 4371. MAGNETO (SN#20040810:), COMPLIED WITH 500 HOUR MAGNETO INSPECTION, INSTALLED OVERHAUL KIT P/N: MK401, INSTALLED MAGNETO TO ENGINE WITH NEW GASKET P/N: LW-12681 AND TIMED TO ENGINE AT 25 BTDC, ABOVE WORK COMPLETED IAW CHAMPION OVERHAUL MANUAL L-1363F.
- 2.4 COMPLIED WITH AD 2015-19-07 FUEL INJECTOR LINES INSPECTION BY VISUAL INSPECTION, NO DEFECTS NOTED AT THIS TIME. NEXT TIME DUE: 573.70 ENGINE TOTAL TIME. *or 09/20/22 w/p*
- 2.5 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
MURRAY GRAY 4264152AP



251 Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 374.00 / 374.00

Off/On Hours: 368.2

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DEN50011

Date: 07/27/2021

Squawk

- 2.1 COMPLIED WITH 100 HR ENGINE INSPECTION IAW LYCOMING OPERATOR'S MANUAL AND AIRFRAME MANUFACTURER'S CHECKLIST AND NOTED THE FOLLOWING; COMPRESSIONS: #1: 76/80 #2: 75/80 #3: 74/80 #4: 72/80. SERVICED ENGINE WITH 8 QTS AEROSHELL 15W-50. REMOVED AND REPLACED OIL FILTER WITH NEW P/N: CH48110-1 AND NEW CRUSH GASKET P/N: MS35769-21 AND INSPECTED OIL STRAINER. CLEANED, INSPECTED & GAPPED ALL SPARK PLUGS.
- 2.2 COMPLETED ENGINE 400 HOUR VALVE TRAIN INSPECTION IAW LYCOMING OPERATOR'S MANUAL WITH NO DEFECTS NOTED. INSTALLED NEW ROCKER COVER GASKETS. LEAK CHECK GOOD.
- 2.3 COMPLIED WITH AD 2015-19-07 FUEL INJECTOR LINES INSPECTION BY VISUAL INSPECTION, NO DEFECTS NOTED AT THIS TIME. NEXT TIME DUE: 474.00 ENGINE TOTAL TIME. *or 09/2022 Murray Gray*
- 2.4 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
MURRAY GRAY 4264152AP



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Wilmington, DE 19808
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Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron**TSN/TSO:** 274.80 / 274.80**Off/On Hours:** 269.0**Part/Model number:** IO-360-L2A**Serial Number:** L-38511-51E**Work Order No:** DFW47937**Date:** 05/10/2021**Squawk****2.1**

COMPLETED A 100 HOUR INSPECTION ON THIS ENGINE USING LYCOMING OPERATOR'S MANUAL 60297-12 AND AIRFRAME MANUFACTURER'S CHECKLIST AS GUIDES.

DRAINED OIL. REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED.

REMOVED OIL SUCTION SCREEN, INSPECTED WITH NO DEFECTS NOTED, AND REINSTALLED WITH NEW CRUSH GASKET.

INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50.

PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 74/80, #2 75/80, #3 76/80, #4 76/80.

REMOVED, CLEANED, TESTED, AND REINSTALLED SPARK PLUGS.

2.2

COMPLIED WITH AD 2015-19-07 FUEL INJECTOR LINES INSPECTION, NO DEFECTS NOTED. NEXT DUE AT ENG TTIS: 374.8

2.3

AFTER REPORT OF "FAILED IDLE CHECK", ADJUSTED IDLE AND MIXTURE. TEST RAN WITH NO DEFECTS NOTED.

2.4

REPLACED CRANKSHAFT SEAL WITH NEW.

2.5

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

RYLEY MEADOR

A&P: 4319834



1 Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron

TSN/TSO: 181.10 / 181.10

Off/On Hours: 175.3

Part/Model number: IO-360-L2A

Serial Number: L-38511-51E

Work Order No: DFW46465

Date: 03/15/2021

Squawk

- 2.1 COMPLETED A 100 HOUR INSPECTION ON THIS ENGINE USING LYCOMING OPERATOR'S MANUAL 60297-12 AND AIRFRAME MANUFACTURER'S CHECKLIST AS GUIDES.
DRAINED OIL. REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED.
REMOVED OIL SUCTION SCREEN, INSPECTED WITH NO DEFECTS NOTED, AND REINSTALLED WITH NEW CRUSH GASKET.
INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 74/80, #2 72/80, #3 75/80, #4 76/80.
REMOVED, CLEANED, TESTED, AND REINSTALLED SPARK PLUGS.
- 2.2 COMPLIED WITH AD 2015-19-07 FUEL INJECTOR LINES INSPECTION WITH NO DEFECTS NOTED. NEXT DUE AT ENG TT: 281.1
- 2.3 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

RYLEY MEADOR
A&P: 4319834



Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron**TSN/TSO:** 91.50 / 91.50**Off/On Hours:** 85.7**Part/Model number:** IO-360-L2A**Serial Number:** L-38511-51E**Work Order No:** DFW44810**Date:** 01/12/2021**Squawk**

- 2.1** COMPLETED A 100 HOUR INSPECTION ON THIS ENGINE USING LYCOMING OPERATOR'S MANUAL 60297-12 AND AIRFRAME MANUFACTURER'S CHECKLIST AS GUIDES.
DRAINED OIL. REMOVED OIL FILTER AND INSPECTED WITH NO DEFECTS NOTED.
REMOVED OIL SUCTION SCREEN, INSPECTED WITH NO DEFECTS NOTED, AND REINSTALLED WITH NEW CRUSH GASKET.
INSTALLED NEW OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 15W-50.
PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 78/80, #2 74/80, #3 77/80, #4 78/80.
REMOVED, CLEANED, TESTED, AND REINSTALLED SPARK PLUGS.
- 2.2** COMPLIED WITH AD 2015-19-07 FUEL INJECTOR LINES INSPECTION, WITH NO DEFECTS NOTED. NEXT DUE AT ETTIS: 191.5
- 2.3** REMOVED, RETIMED AND REINSTALLED LEFT AND RIGHT MAGNETOS.
- 2.4** I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

AIZEN EVANGELISTA
A&P: 3987628



Little Falls Dr
Wilmington, DE 19808
United States

Telephone: 929-333-8043

Fax: 904-758-0672

Manufacturer: Lycoming Div Avco Corp Textron**TSN/TSO:** 5.80 / 5.80**Off/On Hours:** 0.0**Part/Model number:** IO-360-L2A**Serial Number:** L-38511-51E**Work Order No:** DFW43381**Date:** 11/06/2020**Squawk****2.1** THIS ENTRY STARTS A NEW LOG.LANCE SCHEXNAYDER
A&P: 3444032

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
172S12579	12579	N20818	Oct 31, 2020	IDP	2.1	2	2.1	2.1

Engine Model **IO-360-L2A** Serial Number **L-38511-51E** has been installed on aircraft S/N **172S12579**
 with TTAF **2.1** TTSN was **2.1**

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** Date **Oct 31, 2020**

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 **Stephen Catlin**

Certificate No. **PC-4**

Date **Oct 31, 2020**

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

MAINTENANCE RECORD

DATE 2020	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
9/23	0	0	New Reciprocating Engine Certificate 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. LYCOMING Part Number ENPL-RT10596 Serial Number L-38511-51E Engine Model IO-360-L2A Work Order KM766687 Total Time 0 Authorized Representative Date 9/23/2020 Production Certificate #3 652 Oliver Street Williamsport, PA 17701 U.S.A. Lycoming Engines is a division of Avco Corporation	

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

[illegible]

Engine A.D. Compliance Record

Engine A.D. Compliance Record					
Aircraft Model: 172S		A/C S/N: 172S12579			
Engine Model: IO-360-L2A		Engine S/N: L-38511-51E			
AD Number	Description	Complied With Date/Time	Method of Compliance or Applicability Status	Once or Recur.	Next Due Date/Time
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	N/A per Engine S/N
Compliance verified at time of delivery.		X07D 071Y 23		Oct 31, 2020	Textron Aviation Inc. Repair Station Satellite Location - Indy X07D071N
Authorized Inspector Signature and Stamp:					

[illegible]