

TEXTRON Lycoming

ENGINE LOG

N13108

SSP-1872-1

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING
MAKE MODEL SERIAL

FROM _____ 19 ____ TO _____ 19 ____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP 1872-1

October 1994

COMPLIES TO CALIFORNIA
ATCM 93120
HOBBY LOBBY
042014

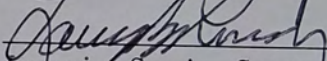
PHASE 2
MDF

TEXTRON Lycoming

Form No. 365

Reciprocating Engine Division/
Subsidiary of Textron Inc.652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/327-7308

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming Overhaul Manual. 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-A1F6D Signed 
Serial #: L-20948-36A Textron Lycoming Service Center
Date: 06/30/97 Williamsport/Lycoming Co. Airport
Total Time: 1694.6 Montoursville, PA 17754
Work Order #: A-5401 Repair Station: ED1R109K

Mfgr. T

Type

Rated H

Rated R

Bore

Compress

Reduction

Propeller

Blade D

Max. Hu

Pitch

Name

Address

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date
Type	Model	Serial No.
Rated H.P.	Max. H.P.	Weight (Dry)
Rated R.P.M.	Max. R.P.M.	Oil Pressure
Bore	Stroke	Displacement Cu. In.
Compression Ratio	Supercharger Ratio	
Reduction Gear Ratio		
Propeller	Hub Design	Hub Serial No.
Blade Design	Blade Serial No.	Blade Serial No.
Max. Hub H.P.	Max. Blade H.P.	
Pitch	Diameter	Length
Name		
Address		

ENGINE LOG

Serial No. _____

Date _____

License
Number

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 10

Repair Station #NF2R029L

ENGINE LOG #1

Type CESSNA 177B

TT 1694

N # 13108

TSMOH

S/N 17702398

REC. HR. METER 1694

ENGINE MODEL O-360-A1F6D

ENGINE S/N L-20948-36A

No oil pressure at pre-inspection runup-

Checked for proper oil pressure with test/instrument and oil pressure normal. Reinstalled cowl for pre-inspection runup. Transducer intermittent.

Oil pump AD96-09-10 is past due and engine high time-

Removed this O-360-A1F6D, S/N L-20948-36A with 1694.6 hours total time and sent to Textron Lycoming for overhaul. The engine was reinstalled after cleaning and inspection of the engine compartment and baffles. Installed all new J-9613-49 Lord engine mounts. All fuel and oil hoses were replaced with new assys from Cessna Aircraft. Replaced all Aeroduct

f a

ENGINE LOG

Serial No. _____

License
Number

Date

heat and air ducting. The alternator was replaced with an exchange Aero Electric unit P/N D0FF10300-JRX, S/N A-115631. The oil cooler was removed, flushed and inspected. The propeller P/N B2D34C211/82PCA-6, S/N 768307 with 1694.6 total time and 466.4 TSMOH was reused. The propeller governor p/n c290d3-A/T12, S/N 753171, vacuum pump P/N 211CC S/N 4AD 2298, and exhaust system were reused after inspection. Replaced the induction air filter, alternator belt, gaskets and hardware as necessary. Serviced the engine with Aeroshell 100-50 mineral oil. The engine was ground run, leak checked and flight tested as per Lycoming SI 1427B. Final adjustments were made as necessary.

Page Total
Brought Forward
Total to Date

All Repairs Done Must Bear the Endorsement
of a Licensed Aircraft Mechanic, and his Rating and
Certificate Number MUST be Shown

MDF
042014

ENGINE LOG

Serial No. _____

Date

License
Number

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 12

Repair Station #NF2R029L

ENGINE LOG #1

Type CESSNA 177B

TT 1694

N # 13108

TSMOH

S/N 17702398

REC. HR. METER 1694

ENGINE MODEL D-360-A1F6D

ENGINE S/N L-20948-36A

I certify that this *ENGINE* was repaired and/or inspected in accordance with An Annual inspection and is approved for return to service. Pertinent details are on file at this

Repair Station under W.O.# 3687 . Date 7-18-97

Joliet Avionics Inc., DuPage Airport, West Chicago, IL 60185

F.A.A. Approved Repair Station #NF2R029L

*

Bruce P. Rebechini
BRUCE P. REBECHINI

Inspector

All Repair Data Must Bear the Endorsement of a

Certificate Number MUST be Shown:

10/12
10/11

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1

Repair Station #NF2R029L ENGINE LOG #1
Type CESSNA AD. 177B TT 1733
N # 13108 TSMOH 39
S/N 17702398 REC. HR. METER 1733

ENGINE MODEL D-360-A1F6D
ENGINE S/N L-20948-36A

CHANGE THE OIL AND FILTER-
CHANGED THE OIL AND FILTER. OPENED AND INSPECTED THE FILTER
SERVICED THE ENGINE WITH 8 QTS OF AEROSHELL 100W50 OIL AND
A NEW CH48103 FILTER.

THE AIRCRAFT, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS
REPAIRED & INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS
OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO
SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS
REPAIR STATION UNDER W.O. # 4772 DATE: 2-16-98

SIGNED: BRUCE P. REBECHINI *Bruce P. Rebechini* For
JOLIET AVIONICS, INC. DUPAGE AIRPORT, W. CHICAGO, IL 60185
F.A.A. APPROVED REPAIR STATION #NF2R029L

License
Number

PHASE 2
HOBBY LOBBY
MDF
04/2014

Certificate Number MUST be shown

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 5

Repair Station #NF2R029L

ENGINE LOG #1

Type CESSNA 177B

TT 1743

N # 13108

TSMOH 49

S/N 17702398

REC. HR. METER 1743

ENGINE MODEL D-360-A1F6D

ENGINE S/N L-20948-36A

ENGINE INSPECTION-

AT THIS TIME, THIS ENGINE WAS CLEANED, INSPECTED & SERVICED AS PER CESSNA & LYCOMING SERVICE MANUALS FOR AN ANNUAL INSPECTION. COMPRESSION WAS TESTED AS FOLLOWS: #1-79, #2-79, #3-79, #4-79---ALL OVER 80. THE OIL & FILTER WERE CHANGED. OPENED AND INSPECTED THE FILTER. SERVICED THE ENGINE WITH 50W100 AEROSHELL OIL. MAG TIMING WAS CHECKED. SPARK PLUGS WERE CLEANED, GAPPED, TESTED & ROTATED. TESTED IGNITION LEADS. THE INDUCTION & EXHAUST SYSTEMS WERE CHECKED FOR CONDITION, LEAKS & SECURITY. CLEANED FUEL SCREENS AND CHECKED ENGINE CONTROLS FOR PROPER TRAVELS & CONDITION. THESE ITEMS WERE REPAIRED, REPLACED OR CORRECTED:

IDLE IS LOW (600 RPM)-

SET IDLE SPEED TO 650-700RPM AS REQUIRED.

IDLE MIXTURE LEAN-

SET IDLE MIXTURE AT RUN-UP.

License
Number

Date

of a

All Repair Data Must Bear the Endorsement of a Licensed Aircraft Mechanic, and the Rating and License Number MUST be Shown.

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 6

Repair Station #NF2R029L ENGINE LOG #1

Type CESSNA 177B

TT 1743

N # 13108

TSMOH 49

S/N 17702398

REC. HR. METER 1743

ENGINE MODEL D-360-A1F6D

ENGINE S/N L-20948-36A

I CERTIFY THAT THIS *ENGINE* WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS REPAIR STATION UNDER W.O.# 5259 . DATE 8-12-98 J.A. AIR CENTER, DUPAGE AIRPORT, WEST CHICAGO, IL 60185. FAA APPROVED REPAIR STATION #NF2R029L

* *Bruce Rebeckini*
* BRUCE P. REBECHINI INSPECTOR

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.

License
Number

042014
MDF

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3/25/00	Tue	05.6	Changed oil and filter, serviced with 8 Arts. Aeroshell W100-50 weight, and Champion CH48103 filter, comp. check 75/76/78/76 over 80, reset point gap and internal timing of magnet, re-timed mag. to engine, removed #3 ex. stack for repair, installed after repair, see separate AD list, I certify that this engine has been inspected IAW an Annual inspection, and has been determined to be in airworthy condition.		
			Page Total	All Repair Data Must Bear the Endorsement of a <u>Condition.</u> Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. <u>End</u>	
			Brought Forward		
			Total to Date		

Thos Mel. AD 388722562DA

FIRST -
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 042014

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/8/04			TACH READS 1889.3 SMOOTH 194.7 COMPLETED AN ANNUAL INSP THIS DATE 11AW 0177 INSP. CHARTS. COMPRESSION OK (OVER 80#) #1-72 #2-76 #3-76 #4-77. CHANGED OIL AND FILTER USING 8 Q15. 15W50 SHELL OIL. OUT OPEN 9 INSP FILTER. CHECKED OK. CLEANED AND REGAPPED ALL SPARK PLUGS WASHED AND RAN ENGINE.		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.					
ENGT 1889.3 HRS. ACTT 1889.3 HRS.					
DATE 10/8/04	BY: T.K.A.		LIC. NO. 32630284	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
T.K.A.	Brought Forward		Total to Date		

042014
 MDF

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/10/07			TACH READS 1913.0 TT. 218.4 SMOOTH COMPLETED A 100 HRS ANNUAL INSPECTION CESSNA 0177 MAINT. COMPRESSION CHECK (OVER 80#) #1-72 #2-76 #3-76 #4-76 CHANGED OIL & FILTER USING 8 QT 15W50 SHELL OIL. CUT FILTER OPEN & INSPECTION OK. CLEANED & REGAPPED ALL SPARK PLUGS. TCM MAG AD. 96-07-12 DUR BY 2194.0 TACH NO. 06-20-09 MIA BY ENG S/N SB 569A TAKE 1 WASHED & RAN ENGINE. AD LIST IN AFT AXES		
			Page Total	All Rep Certific Certific	
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			Total to Date		

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
 ENGT 1913.0 HRS. ACTT 1913.0 HRS.
 DATE 9/10/07 BY: [Signature] LIC. NO. 32630244
 [Signature]

MDF 042014

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9/14/09			TACH READS 1956.4 TT. 261.8 STROKE. COMPLETED R(COHR) AND WASHED AND CLEANED #1-76-INSO VALVES, COMPRESSOR CK. (OVER 80#) #1-76#2-75#3-76#4-76. CHANGED OIL & FILTER. USING 8QTS, 20W50X1, CUT FILTER OPEN & WASH CK. CLEANED AND RECAPED ALL SPARK PLUGS, WASHED AND RAN ENGINE.		
			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A _____ INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. ENGTG <u>1456.4</u> HRS. ACTT <u>1956.4</u> HRS. DATE <u>9/14/09</u> BY <u>APR</u> LIC. NO. <u>326362814</u>		
			Page Total Brought Forward Total to Date	All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.	

MDF 042014

A & M Maintenance Services, Inc. - 1C5
Clow International Airport, Bolingbrook, IL

Date

TYPE: Cessna 177B
"N" # N13108
DATE: 11/16/2011

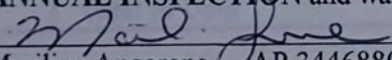
TACH TIME: 1992.7 Hrs.
ENGINE TT: 1992.7 Hrs.
TSMOH: 298.1 Hrs.

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mber

At this time, the engine was cleaned for inspection. All components were inspected in accordance with a **100HR/ANNUAL INSPECTION** per Cessna and Textron-Lycoming Service Manuals. Compression was checked with the following results: #1 74/80, #2 74/80, #3 74/80, & #4 74/80. The engine oil was drained, and the filter was removed, cut open and inspected - no contamination was found. The engine was serviced with eight quarts of Phillips 20W50 X/C oil and one Champion CH48103-1 oil filter. The carb was drained and the screen was cleaned - no contamination noted. The primer nozzles were removed, cleaned, inspected, and installed. The spark plugs were cleaned, gapped, tested, and rotated. The ignition leads were cleaned and tested. The magneto to engine timing was checked. The rocker box covers, oil return line hose clamps, exhaust nuts, and induction bolts and clamps were tightened. The engine was washed and run - no leaks were noted. At this time, the McCauley propeller M/N: B2D34C11/82PCA-6, S/N: 768307, was installed on N13108 S/N: 17702398 after overhaul. See prop logbook for details.

AD 2004-10-14, effective 6/25/2004, on crankshaft gear retaining bolt, compliance is due after prop strike as outlined in paragraphs (i) and (j) of the AD. All AD's were checked through Bi-Weekly 2011-23. -----END-----

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in an airworthy condition.


Marilina Angarone AP 344688075 IA

ATCM 93120 PHASE 2
HOBBY LOBBY MDF
04/2014

ENGINE LOG

Serial No. _____

Date _____

A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL

License
Number _____

Date _____

TYPE: Cessna 177B
"N" # N13108
DATE: 11/19/2012

TACH TIME: 2014.0 Hrs.
ENGINE TT: 2014.0 Hrs.
TSMOH: 319.4 Hrs.

At this time, the engine was cleaned for inspection. All components were inspected in reference with a **100-HR/ANNUAL INSPECTION** per Cessna and Textron-Lycoming Service Manuals. Compression was checked with the following results: #1 72/80, #2 73/80, #3 71/80, & #4 74/80. The engine oil was drained, and the filter was removed, cut open and inspected – no contamination was found. The engine was serviced with eight quarts of Phillips 20W50 X/C oil and one Champion CH48103-1 oil filter. The spark plugs were cleaned, gapped, tested, and rotated. The ignition leads were cleaned and tested. The magneto to engine timing was checked. The rocker box cover gaskets were replaced 4ea P/N: 75906. The oil return line hose clamps and "B" nuts, exhaust nuts, and induction bolts and clamps were tightened. The engine was washed and run – no leaks were noted.

AD 2012-19-01, effective 10/24/2012, on crank failure, does not apply by serial number not listed in Table 1 of SB 569A.

AD 2012-03-07, effective 03/27/2012, on HA-6 carbs, does not apply by carb model number.

AD 2004-10-14, effective 6/25/2004, on crankshaft gear retaining bolt, compliance is due after prop strike as outlined in paragraphs (i) and (j) of the AD. All AD's were checked through Bi-Weekly 2012-22.

-----END-----

ENGINE LOG

Serial No. _____

D: N13108

Engine Logbook Entry

11-21-2013

Model: O-360-A1F6D

2032.9 Hrs Tach.

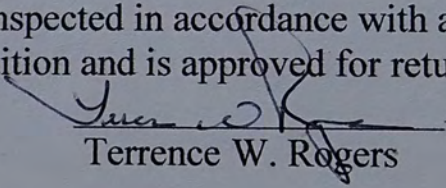
Serial Number: L-20948-36A

2032.9 Hrs Total Time

338.9 Hrs SMOH

Performed an Annual inspection as per FAR43, Appendix D. Checked the compression, #1-75, #2-72, #3-76, #4-78/80. Cleaned and gapped the spark plugs. Checked the magneto timing. Changed the oil and filter. Added Phillips 20W50. Replaced the engine air filter element with new BA5705 filter. Tightened the dipstick and re-safety wired. Restrained the vacuum pump outlet port tube from rotating. Test ran and leak check ok.

I certify that this engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition and is approved for return to service.


Terrence W. Rogers

A&P393503876IA

12/03/2
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ENGINE LOG

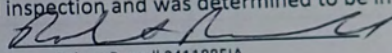
Serial No. _____

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Aviation Plus LLC
262-656-1260
Aviationplusllc.com

12/03/2014 N13108 Tach 2075 TTE 2075 SMOH 382

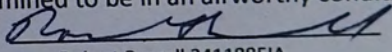
Compressions: 1)78, 2)79, 3)79, 4)79. Changed oil and filter. Added 8 quarts Phillips 20W50XC. All routine items checked per inspection sheets. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.


Robert Russell 3411885IA

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

12/10/2015 N13108 Tach 2091 TTE 2091 SMOH 398

Compressions: 1)78, 2)78, 3)79, 4)79. Changed oil and filter. Added 8 quarts Phillips 20W50XC. Replaced #2, #3, #4 upper intake gaskets. Cleaned primers. All routine items checked per inspections sheets. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.


Robert Russell 3411885IA

ATCM 93120
PHASE 2
HOBBY LOBBY
MDF
042014

ENGINE LOG

Serial No. _____

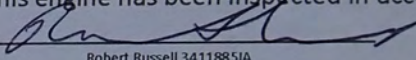
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

12/12/2016 N13108 Tach 2125 TTE 2125 SMOH 432

Compressions: 1)77, 2)76, 3)78, 4)79. Changed oil & filter. Added 8 quarts Phillips 20W50XC. Tightened all rocker box return line clamps. All routine items checked per inspections sheets. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.


Robert Russell 34118851A

JB Aviation Management, Inc.

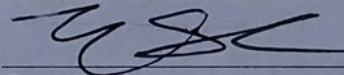
5112 Greenwood Rd · Wonder Lake, IL 60097 · 815-648-2642

N #: 13108 Engine Log Entry

Engine: Lycoming O-360-A1F6D Serial #: L-20948-36A Tach: 2132.0 SMOH: 429.0 Date: 15 MAR 17

1. Removed and sent carburetor to Aircraft Systems, Inc for overhaul (see wo#52029). Installed overhauled carburetor, ops check normal at this time.

-----END-----


Troy Schlote

A&P #3590247

12/08

Compi
gasket
inspec



Robert R

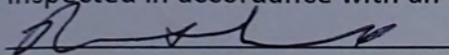
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

12/08/2017 N13108 Tach 2201 TTE 2201 SMOH 508

Compressions: 1)75, 2)72, 3)77, 4)78. Changed oil and filter(8qts Phillips 20W50). Replaced #1,#2,#3 valve cover gaskets. All routine items checked as per inspection sheets. FAR43 APP D. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Robert Russell 3411885IA

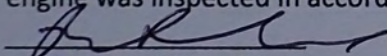
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

10/12/2018 N13108 Tach 2226 TTE 2226 SMOH 533

Compressions: 1)76, 2)76, 3)78, 4)78. Changed oil and filter(8qts Phillips 20W50). Tightened all valve cover gaskets. Replaced one sparkplug. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

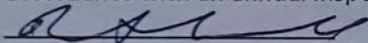


Robert Russell 3411885IA

Aviation Plus LLC
262-656-1260
Aviationplusllc.com

10/04/2019 N13108 Tach 2266 TTE 2266 SMOH 573

Compressions: 1)74, 2)77, 3)78, 4)78. Changed oil and filter (8qts Phillips 20W50 X/C). Repaired left heat shield. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Robert Russell 3411885IA

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number

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

Date

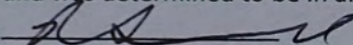
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

09/24/2021 N13108 Tach 2376 TTE 2376 SMOH 683

Compressions: 1)75, 2)74, 3)78, 4)76. Changed oil and filter (7qts Phillips 20W50). All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.


Robert Russell 3411885IA

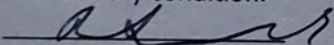
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

09/16/2022 N13108 Tach 2449 TTE 2449 SMOH 756

Compressions: 1)77, 2)77, 3)78, 4)78. Changed oil (8qts Phillips 20W50). Replaced dipstick tube gasket. Replaced #1 & #3 valve cover gaskets. Replaced #4 intake gasket. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.


Robert Russell 3411885IA

JB Aviation Aircraft Maintenance, Inc.

5112 Greenwood Rd · Wonder Lake, IL 60097 · 815-648-2642

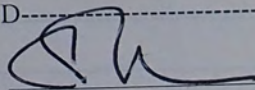
N #: N13108 Engine Log Entry

Engine: Lycoming O-360-A1F6D Serial #: L-20948-36A Tach: 2499.2 SMOH: 806 Date: 8 June 2023

License
Number

Drained engine oil. Removed, cut, and inspected oil filter (no contaminants found). Installed new AA48103-2 oil filter and filled engine with 7 quarts of 20W50XC oil.

-----END-----



A&P# 3412331

Corey Bowman

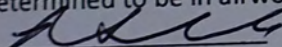
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

09/29/2023 N13108 Tach 2520 TTE 2520 SMOH 827

Compressions: #1)75, 2)74, 3)78, 4)77. Changed oil and filter (7qts Phillips 20W50). Cam Guard added (12 OZ). Tightened all valve cover gaskets. Tightened all rocker return line hoses. All routine items checked per inspection sheets. FAR43 App D. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Robert Russell 3411885IA

COMPLIES TO CALIFORNIA
ATCM 93120

