

- - Log #3

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

SERVICEABLE PART

Manufacturer LYCOMING ENGINES
Part Name AIRCRAFT ENGINE
Model No. O-360-A1F6
Serial No. L - 3700-36E
Remarks _____


The aircraft engine or accessory identified above was:
Overhauled

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

Pertinent details of the work performed are on file at Lycoming Engines under order no: MT290276

Date 01.24.07

Signed



Signature of Authorized Person

FOR:

LYCOMING

A Textron Company

652 Oliver Street

Williamsport, PA 17701 USA

FAA Repair Station #EJ1R115K



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 778RD

Engine Manufacturer LYCOMING

Model O-360-A1F6

Serial No. L-3700-36E

Date installed on aircraft JAN 21, 2008

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- Right Left
- Front Rear



AEROTECH PUBLICATIONS INC.

www.adlog.com
 PO BOX 1359 / SOUTHOLD, NY 11971-0965
 (631) 765-9375
 1-800-235-6444
 FAX: (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page



A Textron Company

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

Form No. 2480 (3/04-LM)

This engine has been overhauled in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and 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 new, newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **O-360-A1F6**
Serial #: **L-3700-36E**
Total Time: **3285.6**
Work Order #: **MT290276**
Date Completed: **01.24.07**

Authorized Signature

Lycoming Engines

652 Oliver Street
Williamsport, PA. 17701
Repair Station: EJ1R115K

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January 21, 2008

This aircraft, N778RD, was extensively refurbished as the 2007 AOPA Sweepstakes aircraft. In order to fully document the maintenance records for the period of November 6, 2006 – January 21, 2008, a special refurbishment work package binder has been created to document these changes. This refurbishment work package should be considered part of the permanent aircraft maintenance records. The refurbishment work package is divided into sections as follows:

- 100 Aircraft paint and exterior
- 200 Aircraft Engine and Firewall Forward
- 300 Aircraft electrical and avionics
- 400 Aircraft airframe
- 500 Aircraft airframe
- 600 Aircraft inspection and return to service
- 700 Aircraft inspection and return to service

See N778RD refurbishment work package binder. An annual aircraft inspection was completed on June 19, 2007 as a part of this package.

Todd [Signature]

A/P 268931 IA

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Hagerstown Aircraft Services, Inc.

Certified Repair Station: CRS H5GR0500
14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604

DATE 06/06/08 **TACH** 19.2 **SMOH** 82.1 **ENG TT** 3367.7 **W/O** 0802052
N# 778RD **MAKE** LYC **MODEL** O-360-A1F6 **SER#** L-3700-36E

No oil or filter change. Removed prop then reinstalled after re-indexing crank flange prop attach nuts/bushings I/A/W Lycoming SI-1098G. Comp 1)76 2)76 3)74 4)76 all over 80. Ground ran engine. Leak and ops checked O.K. I certify this engine has been inspected I/A/W an annual inspection and has been determined to be in airworthy condition and is approved for return to service. All work was performed I/A/W manufacturer's maintenance manuals and current federal aviation regulations.

Signed: *Joseph J. Hest*
Hagerstown Aircraft Services, Inc Hagerstown, MD 21742
FAA Approved Repair Station H5GR0500

Palmetto Aviation Repair, LLC
125 Airport Road
Saint Simons Island, GA 31522
912-638-8667

FAR
pg 2 of 3

Date: 7 AUGUST 2008 **N:** 778RD **Log:** ENGINE
Make: CESSNA **Model:** 177B
S/N: 177-02550 **Tach:** 53.0 **Hobbs:** 66.7

1. OIL CHANGE DUE. DRAINED OIL & INSPECTED FILTER FOR CONTAMINANTS, NONE FOUND. TOOK SAFTIED NEW FILTER. SERVICED ENGINE WITH 7 QUARTS EXXON ELITE 20W-50 OIL. WASHED ENGINE / COWLINGS WITH MINERAL SPIRITS. RUN UP AND LEAK CHECK OK.

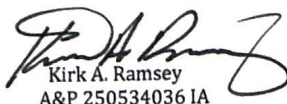
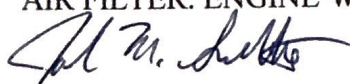

Kirk A. Ramsey
Kirk A. Ramsey
A&P 250534036 IA

Palmetto Aviation Repair, LLC
125 Airport Road
Saint Simons Island, GA 31522
912-638-8667

Date: 3 FEBURARY 2009 **N:** 778RD **Log:** ENGINE
Make: CESSNA **Model:** 177B
S/N: 177-02550 **Tach:** 113.2 **Hobbs:** 138.1

1. OIL CHANGE DUE. DRAINED OIL & INSPECTED FILTER FOR CONTAMINANTS, NONE FOUND. TOOK SAFTIED NEW FILTER. SERVICED ENGINE WITH 7 QUARTS EXXON ELITE 20W-50 OIL. WASHED ENGINE / COWLINGS WITH MINERAL SPIRITS. RUN UP AND LEAK CHECK OK.

Kirk A. Ramsey
Kirk A. Ramsey
A&P 250534036 IA

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
Palmetto Aviation Repair, LLC 125 Airport Road Saint Simons Island, GA 31522 912-638-8667				
→ <i>Annual</i>	Date: 21 AUGUST 2009 Make: CESSNA S/N: 177-02550	N: 778RD Model: 177B Tach: 191.8	Log: ENGINE 254.7 TSMOH Hobbs: 230.2	
1. CONDUCT 100 HOUR/ANNUAL INSPECTION. CONDUCTED 100HR/ANNUAL INSPECTION IN ACCORDANCE WITH APPROVED CESSNA 177 INSPECTION GUIDE. COMPRESSION RESULTS: 1: 72/80 2: 74/80 3: 74/80 4: 74/80 DRAINED OIL AND TOOK SAMPLE. REMOVED FILTER AND INSPECTED FOR CONTAMINANTS, NONE FOUND. SERVICED ENGINE WITH 8 QUARTS EXXON ELITE 20W-50 OIL. CLEANED AND GAPPED SPARK PLUGS. CHECKED MAGNETO TIMING. PERFORMED VISUAL INSPECTION OF ENGINE. PERFORMED POST INSPECTION RUN-UP AND LEAK CHECK. NO LEAKS NOTED. INSTALLED NEW JPI OIL TEMP PROBE. OPS CHECK NORMAL. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
 Kirk A. Ramsey A&P 250534036 IA				
ENGINE LYCOMING O-360-A1F6 SERIAL # L-3700-36E DATE 10/21/2010 AIRCRAFT CESSNA 177B N877RD TACH: 374.1 SMOH: 437.0 TT: 3722.6 PERFORMED A 100-HOUR INSPECTION PER LYCOMING AND CESSNA 177B SERVICE MANUAL. COMPRESSIONS #1 78/80 , #2 76/80 , #3 76/80 , #4 76/80. DRAINED OIL, CLEANED SCREEN AND REPLACED OIL FILTER WITH CH48110-1. FILLED WITH 8 QUARTS OF EXXON ELITE 20W-50. SPARK PLUGS CLEANED AND GAP SET. REPLACED ENGINE AIR FILTER WITH BRACKETT AIR FILTER. ENGINE WASHED DOWN AND CLEANED. RUN-UP NO LEAKS.				
 JACK M. SUTTON, A&P 2714812				
A PERFORMED AN ANNUAL INSPECTION PER LYCOMING AND CESSNA 177B SERVICE MANUAL. ALL AD'S C/W THRU 2006-20-09. I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.				
 DURWOOD MILLER, IA 256641700				

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DATE

TOTAL TIME IN SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234
ENGINE

LYCOMING O-360-A1F6 SERIAL # L-3700-36E

DATE 12/05/2011 AIRCRAFT CESSNA 177B N877RD

TACH: 495.8 SMOH: 558.7 TT: 3844.3

PERFORMED A 100-HOUR INSPECTION PER LYCOMING AND CESSNA 177B SERVICE MANUAL, COMPRESSIONS #1 78/80, #2 76/80, #3 78/80, #4 74/80, DRAINED OIL, CLEANED SCREEN AND REPLACED OIL FILTER WITH CH48110-1. FILLED WITH 8 QUARTS OF EXXON ELITE 20W-50, INSTALLED 8 NEW CHAMPION REM38E SPARK PLUGS AND GAP SET. REPLACED ENGINE AIRFILTER WITH NEW AIRFILTER ELEMENT, ENGINE WASHED DOWN AND CLEANED, RUN-UP NO LEAKS. I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND DETERMINED TO BE AIRWORTHY.

[Handwritten Signature]

JACK M. SUTTON, A&P 2714812

A PERFORMED AN ANNUAL INSPECTION PER LYCOMING AND CESSNA 177B SERVICE MANUAL, ALL AD'S CW THRU 2006-20-09. I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

[Handwritten Signature]

DURWOOD MILLER, IA 256641700



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234
ENGINE

LYCOMING O-360-A1F6 SERIAL# L-3700-36E

DATE 08/24/2013 AIRCRAFT CESSNA 177B N877RD

TACH: 654.5 SMOH: 717.4 TT: 4003.0

PERFORMED AN ANNUAL INSPECTION PER LYCOMING O-360 SERVICE MANUAL, CESSNA 177B SERVICE MANUAL, AND CFR43 APPENDIX D

- HOT ENGINE COMPRESSIONS #1 79/80, #2 79/80, #3 79/80, #4 78/80
- BORE SCOPE OF CYLINDERS #1 NORMAL, #2 NORMAL, #3 NORMAL, #4 NORMAL
- DRAINED ENGINE OIL, OIL SCREEN FOUND CLEAN AND FREE OF METAL
- REPLACED OIL FILTER WITH 48110-2
- ENGINE FILLED WITH 7 QUARTS OF EXXON ELITE 20W-50
- CLEAN AND GAP SET ALL 8 SPARK PLUGS
- ENGINE WASHED DOWN AND CLEANED
- RUN-UP SATISFACTORY NO LEAKS
- ALL AD'S CW THUR 2006-20-09

I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

[Handwritten Signature]

JACK M. SUTTON, A&P 2714812IA

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DATE

TOTAL TIME IN SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

ENGINE
LYCOMING O-360-A1F6 SERIAL# L-3700-36E
DATE 03-01-2015 AIRCRAFT CESSNA 177B N11723
TACH: 700.7 SMOH: 833.6 TT: 4109.2

PERFORMED AN ANNUAL INSPECTION PER LYCOMING O-360 SERVICE MANUAL, CESSNA 177B SERVICE MANUAL, AND CFR43 APPENDIX D

- HOT ENGINE COMPRESSIONS #1 180/80, #2 7980, #3 78/80, #4 7980
- BORE SCOPE OF CYLINDERS #1 NORMAL, #2 NORMAL, #3 NORMAL, #4 NORMAL
- DRAINED ENGINE OIL, OIL SCREEN FOUND CLEAN AND FREE OF METAL
- REPLACED OIL FILTER WITH 48110-2
- ENGINE FILLED WITH 7 QUARTS OF EXXON ELITE 20W-50
- CLEAN AND GAP SET ALL 8 SPARK PLUGS
- ENGINE WASHED DOWN AND CLEANED
- RUN-UP SATISFACTORY NO LEAKS
- ALL AD'S C/W THUR 2015-02-07

I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

J.M. Sutton 03/01/2015
JACK M. SUTTON, A&P 2714812IA



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

ENGINE
LYCOMING O-360-A1F6 SERIAL# L-3700-36E
DATE 04-16-16 AIRCRAFT CESSNA 177B N11723
TACH: 857.5 SMOH: 920.4 TT: 4206.0

PERFORMED AN ANNUAL INSPECTION PER LYCOMING O-360 SERVICE MANUAL, CESSNA 177B SERVICE MANUAL, AND CFR43 APPENDIX D

- HOT ENGINE COMPRESSIONS #1 78/80, #2 78/80, #3 78/80, #4 7880
- BORE SCOPE OF CYLINDERS #1 NORMAL, #2 NORMAL, #3 NORMAL, #4 NORMAL
- DRAINED ENGINE OIL, OIL SCREEN FOUND CLEAN AND FREE OF METAL
- REPLACED OIL FILTER WITH 48110-2
- ENGINE FILLED WITH 7 QUARTS OF EXXON ELITE 20W-50
- CLEAN AND GAP SET ALL 8 SPARK PLUGS
- ENGINE WASHED DOWN AND CLEANED
- RUN-UP SATISFACTORY NO LEAKS
- ALL AD'S C/W THUR 2015-02-07

I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

J.M. Sutton 04-16-2016
JACK M. SUTTON, A&P 2714812IA

I. Approving National Aviation 2

PROPELLER

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DATE



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

ENGINE
LYCOMING O-360-A1F6 SERIAL# L-3700-36E
DATE 04/21/2017 AIRCRAFT CESSNA 177B N11723
TACH: 925.8 SMOH: 900.7 TT: 4274.3

PERFORMED AN ANNUAL INSPECTION PER LYCOMING O-360 SERVICE MANUAL, CESSNA 177B SERVICE MANUAL, AND CFR43 APPENDIX D

- HOT ENGINE COMPRESSIONS #1 78/80, #2 78/80, #3 78/80, #4 76/80
- BORE SCOPE OF CYLINDERS #1 NORMAL, #2 NORMAL, #3 NORMAL, #4 NORMAL
- DRAINED ENGINE OIL, OIL SCREEN FOUND CLEAN AND FREE OF METAL
- REPLACED OIL FILTER WITH 48110-2
- ENGINE FILLED WITH 7 QUARTS OF EXXON ELITE 20W-50
- CLEAN AND GAP SET ALL 8 SPARK PLUGS
- ENGINE WASHED DOWN AND CLEANED, *Replaced Airfilter Element BA5705 gk*
- RUN-UP SATISFACTORY NO LEAKS
- ALL AD'S CW THUR 2012-19-01

I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

J.M. Sutton 04/21/2017 END
JACK M. SUTTON, A&P 2714812IA



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

ENGINE
LYCOMING O-360-A1F6 SERIAL# L-3700-36E
DATE 06/01/2018 AIRCRAFT CESSNA 177B N11723
TACH: 997.4 SMOH: 1060.3 TT: 4345.9

PERFORMED AN ANNUAL INSPECTION PER LYCOMING O-360 SERVICE MANUAL, CESSNA 177B SERVICE MANUAL, AND CFR43 APPENDIX D

- HOT ENGINE COMPRESSIONS #1 76/80, #2 74/80, #3 72/80, #4 76/80
- BORE SCOPE OF CYLINDERS #1 NORMAL, #2 NORMAL, #3 NORMAL, #4 NORMAL
- DRAINED ENGINE OIL, OIL SCREEN FOUND CLEAN AND FREE OF METAL
- REPLACED OIL FILTER WITH CH48110
- ENGINE FILLED WITH 7 QUARTS OF EXXON ELITE 20W-50
- CLEAN AND GAP SET ALL 8 SPARK PLUGS
- ENGINE WASHED DOWN AND CLEANED
- RUN-UP SATISFACTORY NO LEAKS
- AD 2017-16-11 DOES NOT APPLY
- ALL AD'S CW THUR 2017-16-11

I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

J.M. Sutton 06/01/2018
JACK M. SUTTON, A&P 2714812IA

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6-20-18		1001.7		Replaced all 8 spark Plugs with new Champion REM 40E Plugs, Replaced condenser part # K 3984 in both Mags, Timing Checked, Run up Satisfactory. Glen Smith A+P 27149123A

Aeroborne Enterprises
 538 Beacon Rd, Sylvania, Georgia 30467
 912-857-3220, aerobornehank@yahoo.com

01-10-20 Tach: 1052.3 TTAF: 5542.2 TSMOH: 1115.2 TSPOH: 1052.3


Drained oil and refilled with 8 qts Phillips 20W50. Cut open filter and inspected for contamination, none found. Installed new oil filter. Differential done, #1 73, #2 74, #3 70, #4 75. Cleaned and gapped plugs. Checked mag timing and adjusted RH magneto to 25 degrees. Checked alternator belt. Visually inspected exhaust for defects. Found muffler cracked and blown out. R&R muffler and risers and sent for repair to Power Flow Systems Inc. Exhaust repaired under WO # 215025. Installed exhaust using new gaskets and lock washers. R&R spinner-due to cracks. Spinner repaired by ASEI under WO # 12563. R&R propeller due to oil leakage. Propeller repaired by Southcoast Propeller Service under WO # SR-13376. Replaced scat tubing from exhaust and air intake box as necessary. R&R carb heat box and found shaft worn and bearing missing. Installed new shaft and bearing and rigged. Checked engine controls for proper rigging and lubricated. Tightened throttle cable attach bolt at carb throttle arm. All engine AD notes current. Washed engine down and test ran, all normal.

The below statement in no way, implies or guarantees that this aircraft, or engine, or accessories will continue to function for any period of time after this inspection, and only states that this aircraft was inspected and certified to comply with all applicable Federal Aviation Administration Standards, Airworthy Directives and FAR 43 Appendix D.

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

Hank Maierhoffer IA 262832460 *Hank Maierhoffer*

6/11/20		1100.3		Drained oil & refilled with 8 qts Exxon Elite
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POWERFLOW SYSTEMS, INC
 1585 Aviation Center Pkwy
 Hangar 804
 Daytona Beach, FL 32114

P/N: 7020 REV: E
 S/N OR LOT#: 19-1432
 DESCRIPTION: Clamp, 2in, Pinned, Polished
 THIS PART IS AN APPROVED SUBCOMPONENT OF AN FAA-PMA APPROVED PART. REFER TO STC OR PMA SUPPLEMENT FOR ELIGIBILITY.

1. Approving National Aviation

2

PROPELLER

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12 June 2020				TOTALS brought forward from previous page

N778RD

Cessna 177B S/N: 17702550

Tach: 1100.6

Engine: Lycoming Model: O-360-A1F6D S/N: L-3113-36

Remove and replaced left magneto with SureFly SIM4N S/N: 4P-2320006 per STC SE04349CH and Manufacturer's Instructions (Document No, SF1002) Established Manifold Pressure source at closest cylinder injector port with hose fitting and routed supplied hose to SIM.


2. Connected SureFly SIM in Right Magneto position to battery circuit at master solenoid on firewall with supplied Power Wire & Fuse (SureFly P/N: 4&6C601) per STC SA04378CH and Manufacturer's Instructions.

3. Affixed supplied placard to the aircraft's instrument panel in view of pilot. Performed post-installion checks per Manufacturer's Instructions. Engine started and executed magneto run-up test with no problems observed.

4. Aircraft was test flown and performed in flight checks. Aircraft is returned back to an airworthy condition." (END)

Signed: 12 June 2020


1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE FAA Form 8130-3, AIRWORTHINESS <i>ENG TECHNOLOGIES</i> <i>RAV AD</i>		
4. Organization Name and Address: HARTZELL ENGINE TECHNOLOGIES, 2900 SELMA HWY., MONTGOMERY, AL				
6. Item:	7. Description:	8. Part Number:	9. C	
1	ALTERNATOR *****	DOFF10300J MOD/NO END *****	10/2020	
12. Remarks: COPY OF WORK ORDER AVAILABLE ON REQUEST FROM HARTZELL ENGINE TECHNOLOGIES. THIS CERTIFICATE CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL EASA 145.4418 AND BY THE FAA AIR AGENCY CERTIFICATE NUMBER 1HZR. THE ORIG. EQUIP. MFG. DATA APPEARS ON THE DATA PLATE IN THE LINES IDENTIFIED. THIS AIRCRAFT COMPLIES WITH PPS-9001 LATEST REVISION. OVERHAULED PER CESSNA MANUAL # D5107-1-13, REV 1..				
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8/21/2020		1151.9		Drained oil & refilled w/ 7 qts Phillips 66 X/C 20w-50. Removed oil filter & replaced w/ Tempstest AA48110-2 filter, torqued & safety wired. Ran engine & no leaks observed. Next change due 1201.9 Tach Matthew Tostwell Commercial Pilot #3906085
				<p>FERNANDINA BEACH AIRCRAFT MAINTENANCE 03/15/2021 3990 CENTURION WAY HANGAR A FERNANDINA BEACH FL 32034</p> <p>N778RD ENGINE LYCOMING O-360-AIF6 S/N L-3700-36E TACH: 1201.8 TSMOH 1264.7 TT: 4550.3</p> <p>PERFORMED AN ANNUAL INSPECTION PER FERNANDINA BEACH AIRCRAFT MAINTENANCE INSPECTION SHEET. COMP CHECK #1-74 #2-75 #3-78 #4-75. CHANGED OIL AND FILTER CHECK FILTER FOR METAL. FILLED WITH 8 QTS PHILLIPS 20/50XC. REPLACED RIGHT MAG WITH A P/N 4370 S.N J-01211 OVERHAULED BY KELLY AERO SPACE ENERGY SYSTEMS SEE 8130-3 TAG WITH WO NO 1919640 ON IT. PERFORMED CONTINUED AIRWORTHINESS INSPECTION ON THE EXHAUST SYSTEM PER POWER FLOW INSTRUCTION PFS-13751-00. INSTALLED NEW AIR FILTER BA5705. THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORHY. THE END</p> <p>WO 716 SHERMAN R KELLER  IA 172464881</p>
6/16/2021		1252.8		Drained oil & refilled w/ 7 qts Phillips 66 X/C 20w-50. Removed oil filter & replaced w/ Tempstest AA48110-2 filter, torqued & safety wired. Ran engine & no leaks observed. Next change due 1302.8 tach Matthew Tostwell Commercial Pilot #3906085

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10/17/2021		1305.4		Drained oil & refilled w/ 7 qts Phillips 66 X/C 20W-50. Removed oil filter & replaced w/ Temptest AA48110-2 filter, torqued & safety wired. Ran engine & no leaks observed. Next change due 1355.4 tach.
				Matthew Tortorell Commercial Pilot #3906085
2-23-2022		1411.9 1349.0		Compression check #1 ⁸⁰ / ₁₄ #2 ³⁰ / ₇₀ #3 ³⁰ / ₇₂ #4 ³⁰ / ₇₀ Changed oil & oil filter. Inspected old filter took oil sample. Serviced engine with 7 qts. of Phillips X/C 20W50 oil + Temptest oil filter AA48110-1. Cleaned, gapped & tested spark plugs. Checked mag timing. Replaced rocker box cover gasket on #4 cylinder Replaced "b" nut on oil cooler drain with safety wire. Checked exhaust system. Checked induction system. Replaced induction air filter element using BA5705. Checked lines, hoses & connections. Replaced seat hose as needed. Engine washed, ground run, checked for normal operation + leaks. No leaks noted. I certify that this engine has been inspected in accordance with a 100hr inspection & is approved for return to service. John E. Coulter 402065620 IA
6/13/22		1405.0		DRAINED OIL + REFILLED w/ 7 QTS PHILLIPS VICTORY 20-50. REMOVED OIL FILTER + REPLACED w/ CHAMPION CM48110-1 FILTER, TORQUED + SAFETY WIRED. RAN ENGINE NO LEAKS OBSERVED. NEXT DUE 14550 TACH Jim Allen ATP 3017500
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
<p>Retrac Aviation</p> <p>5940 Knowles Road Blackshear, GA 31516 (912)-288-9892</p> <p>Date: 10-11-2023 N: 177RD Model: 177B S/N: 17702550 HOBBS: 1811.6 Tach: 1528.9</p>				<p>Installed repaired exhaust pipe on cylinder #1 P/N: 11600 S/N: 20231778 with new gasket. All work performed IAW Cessna 177B manuals. performed engine ground operation Check normal.</p> <p style="text-align: right;"> Ryan L. Carter A&P/IA 3866895</p>

<p>Retrac Aviation</p> <p>5940 Knowles Road Blackshear, GA 31516 (912)-288-9892</p> <p>Date: 3-18-24 N: 778RD Make: Lycoming Model: O-360-A1F6 S/N: L-3700-36E Tach: 1545.6 TSMOH: 1608.5 Hobbs: 1832.8 LOG: engine</p>	<p>Compressions #1: 78/80 #2: 78/80 #3: 78/80 #4: 74/80</p> <p>Performed annual/100HR inspection IAW approved Cessna 177B manuals. Drained oil removed filter cut open inspected for contamination none found. Installed new filter P/N: (CH48110-1). added 8 QTS of Phillips victory oil. Cleaned fuel strainer. Check mag timing. Replaced engine air filter with new filter P/N: (BA-5705). Removed spark plugs, cleaned gapped and tested. Reinstalled top plugs and replaced bottom plugs with new Champion P/N: (REM-38E) replaced primer line adel clamps. Installed new sceet tube on the inlet and exit of the cabin heat shroud. Removed old starter P/N: (149-NL) S/N: (FN-000707. Installed new starter P/N: (149NL) S/N: (H-X120723). Washed engine and cow All AD complied with through this date (see AD report). Performed engine ground run Operation check normal. Leak check okay. I certify this engine has been inspected IAW a 100hr/annual inspection and was determined to be in an airworthy condition at this time.</p>
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Ryan L. Carter




AVIATION REPAIR
ST. SIMONS ISLAND, GA

11 SE APRON DRIVE
ST. SIMONS ISLAND,
GEORGIA 31522
912-638-8667

DATE: 03/25/2025
N: 778RD
LOG: ENGINE
MAKE: LYCOMING
MODEL: O-360-A1F6
S/N: L-3700-36E
TACH: 1602.1
HOBBS: 1900.7
COMP. TIME: 1665.0 TSMOH

CONDUCT 100HR/ ANNUAL INSPECTION. PERFORMED 100/HR ANNUAL INSPECTION IN ACCORDANCE WITH APPROVED CESSNA 177B INSPECTION GUIDE. PERFORMED ENGINE RUN-UP. PERFORMED VISUAL INSPECTION OF ENGINE. PERFORMED POWER ON CHECKS. COMPRESSION RESULTS: 1: 76/80 2: 79/80 3: 76/80 4: 78/80. DRAINED OIL AND TOOK SAMPLE FOR ANALYSIS. REMOVED FILTER AND INSPECTED FOR CONTAMINANTS, NONE FOUND. INSTALLED NEW OIL FILTER (P/N: CH48110-1) AND SAFETIED. SERVICED ENGINE WITH 12 QTS PHILLIPS VICTORY 20W50 OIL. CLEANED AND GAPPED SPARK PLUGS. CLEANED, INSPECTED, AND INSTALLED NEW ORING (P/N: M8324B11-111) ON FUEL STRAINER. WASHED ENGINE. PERFORMED POST INSPECTION RUN-UP AND LEAK CHECK. NO LEAKS NOTED. RESEARCHED A.D.'S AND UPDATED LOGBOOKS. I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND IS AIRWORTHY AT THIS TIME.

END


KIRK A. RAMSEY
A&P 3543915 IA

