

# ENGINE LOG BOOK

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# Engine Log & Maintenance Record

LOG #: 1

RECORD OF Lycoming AEIO-580-B1A L-494-79E  
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: \_\_\_\_\_

FROM 27<sup>th</sup> February 2017 TO \_\_\_\_\_ 20  

DETAILING TIME FROM 00:00 "NEW" TO \_\_\_\_\_  
(HOURS) (HOURS)

If used on a multi-engine aircraft:  Right  Left  Front  Rear

## 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-RT10427  
Serial Number L-494-79E  
Engine Model AEIO-580-B1A  
Work Order AR662283  
Total Time 0

\_\_\_\_\_  
Authorized Representative

12/22/16  
Date

Production Certificate #3

652 Oliver Street Williamsport, PA 17701 U.S.A.  
Lycoming Engines is a division of Avco Corporation

Form 777C Rev 05/13

# Engine Log

Serial # \_\_\_\_\_

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
<b>SOUTHEAST AERO SERVICES, INC.</b> [REDACTED]					
<b>EXTRA FLUGZEUGPRODUKTIONS EA-300LC(X) S/N LC061 N361LX</b>					
22 January 2020 Total Time: 363.3 Hrs					
AEIO-580-B1A S/N L-494-79E					
1.) Completed an Annual Insp. In Accordance With Manufacturers Procedures.					
2.) Inspected Fuel Screens, No Defects Found.					
3.) Serviced Engine with <u>Aeroshell W100</u> to Capacity.					
4.) Engine Compression: #1 74/80, #2 74/80, #3 70/80, #4 72/80, #5 75/80, #6 74/80 Timing set 20-rt/lr					
5.) All Engine shock mounts Lord J-7764-20 and AN363-720 nuts replaced.					
6.) Alternator Mounting hardware removed and replaced Alt. Bracket P/N:66106.003 Bolt, 66106.007 lock plate 73383 replaced.					
7.) Engine baffling patched as needed IAW AC43.13-1B					
8.) Exhaust heat shield support re spot welded in place.					
9.) Inverted oil system cleaned, inspected and re assembled IAW Christen Oil valve manual 801 Next due in 300 hrs Tach 663.3					
10.) URHB37E Spark plug replaced Cyl 6 lower position.					
11.) Complied with Ad Summary thru <b>Revision 2020-02</b> as follows.					
12.) C/W A.D. <b>2015-19-07</b> TEXTRON LYCOMING DIVISION, AVCO CORPORATION: Accomplished The Following: Inspected The Fuel Injector Fuel Lines Between The Fuel Manifold And The Fuel Injector Nozzles In Accordance With Textron Lycoming Service Bulletin No. 342F, No Defects Found. Next Scheduled Inspection Will Be Due At <b>463.3 hrs.</b>					

<b>SOUTHEAST AERO SERVICES, INC.</b> [REDACTED]					
<b>EXTRA FLUGZEUGPRODUKTIONS EA-300LC(X) S/N LC061 N361LX</b>					
22 January 2020 Total Time: 363.3 Hrs					
AEIO-580-B1A S/N L-494-79E					
13.) C/W A.D. <b>2009-02-03</b> Precision Airmotive LLC and Bendix: Amendment 39-15793. Docket No. FAA-2008-0420; Directorate Identifier 2008-NE-10-AD. Inspected the fuel injection servo plug, P/N 383493, Found to be stamped with the letter "G", No further actions are required.					
14.) A.D. <b>2015-02-07</b> TEXTRON LYCOMING DIVISION, AVCO CORPORATION: Amendment 39-18074. Docket No. FAA-2014-0540; Directorate Identifier 2014-NE-10-AD. This AD is effective March 11th, 2015. To prevent the propeller governor set screw from coming loose, comply with Lycoming Engine Service Instruction No. 1343 B Dated June 15, 2017. To be complied with when installing propeller governor shaft set screw. Installed in accordance with SI 1343. Next due see AD compliance list.					
15.) Extra Aircraft SB 300-1-05 Engine fuel pump vent, found to be P/C/W.					
16.) Ground run and Op's checked normal.					
<i>I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in airworthy condition.</i>					
Douglas L Vayda A&P [REDACTED] IA [REDACTED]					

## Southeast Aero Services Inc.

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Lycoming AEIO-580-B1A s/n:L-494-79E N361LX

3-10-2021 Tach:426.58hrs. Engine Total Time:426.58hrs. Completed an Annual inspection in accordance with 14 CFR43 Appendix D with references to Chapters 4 and 5 EA-300L service manual p/n:06702 and Lycoming LMO-AEIO-580-2 maintenance manual this date. this date. AD's checked thru FAA Bi-Weekly 2021-05, no AD's apply at this time. Fuel injector lines and clamps inspected referencing Chapter72-60-08f4 of Lycoming AEIO-580 Maintenance and O/H manual with no defects noted, Compression checked as follows: 1)75/80 2)76/80 3)74/80 4)76/80 5)75/80 6)76/80. Oil drained, pressure and suction screens removed and examined with no contaminants noted. Screen assemblies reinstalled, torque, secured using new gasket/crush washer. Engine serviced with 11qts Aeroshell W-100 oil. Cleaned, gapped, rotated and reinstalled sparkplugs using new gaskets. Prop removed and sent to MT Prop for reseat (see 8130-3 form dated 2-22-2021). Prop reinstalled using new packing, hardware torque/secured. Lt/Rt mags removed and sent to QAA for 500hr insp. (see 8130-3 forms dated 2-17-2021). Mags reinstalled and timed to engine using new gaskets/hardware. Performed 500hr oil cooler flush. Installed new alternator mount hardware, drive belt tensioned to spec, hardware torque/secured. Torque cylinder head oil return fittings and installed new valve cover gaskets #3/#5 cylinder locations. Cleaned engine and lubricated controls. Engine ground run completed, systems function check satisfactory with no leaks noted.

I certify this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition at this time.

Bryan M Wood A&P [REDACTED] IA

Page Total  
Brought  
Total to

of  
and

