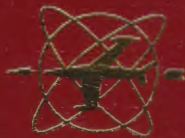


Left



*The Standard*

# ENGINE LOG

ASA-SE-1



TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes and Service Bulletins are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 17886 DATE 6-2-09

MAKE Lycoming

MODEL IO-320-B1A

S/N L-3649-55A

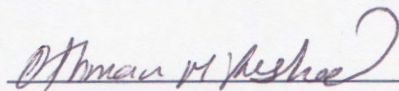
TOTAL TIME 2773.60

TSMOH 000.00

TBO 2000

**TRIAD**  
AVIATION

Triad Aviation, Inc.  
FAA Repair Station #PP4R448M  
Burlington Municipal Airport  
3439 South Aviation Drive  
Burlington, NC 27215  
336-227-1467



*Authorized Signature*

YEAR: _____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

YEAR: _____
DATE

Test ran Lycoming IO-320-B1A engine S/N L-3649-55A for 2 hours 15 minutes, RPM 2700, oil pressure 86 lbs, oil temperature 180 degrees, CHT 315 mag check at 2100 RPM, L 130 RPM, R130 RPM. Compression test cylinder #1 77/80 #2 76/80 #3 77/80 #4 75/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION# PP4R448M. WO# 17886.

Signed: *Ahmar M. Rashech* Date 6-2-09




YEAR:

DATE



**MERIDIAN AIR GROUP**

Culpeper Regional Airport  
12539 Beverly Ford Road  
Brandy Station, VA 22714  
540-825-9711

**Registration #:** N8535Y  
**Model:** Lycoming IO-320-B1A  
**S/N:** L-3649-55A  
**Tach:** 2802.52      **SMOH:** 28.92  
**W/O#:** W11-0914  
**Date:** 02/06/2012

**Left-Hand Engine**

Complied with an **Annual Inspection** in accordance with 14 CFR Part 43 Appendix D using Piper PA30 MM checklist as a guide. Drained oil. Removed filter and inspected; no metal noted. Installed new filter and serviced engine with 7 quarts 20W50 Phillips XC. Cleaned, gapped and tested spark plugs. Reinstalled with new gaskets. Checked magneto to engine timing. Compressions checked as follows: #1 77/80, #2 78/80, #3 77/80, #4 76/80. Complied with **AD 2011-26-04** (Eff. date 01/25/2012) to prevent failure of the fuel injector lines in accordance with AD Part (h) and (i); no defects noted, next inspection due TT 2902.52 or whenever work is done on injector lines whichever occurs first. Replaced induction air filter. Cleaned engine. Performed ground run ops checks and leak checked; no defects noted.

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

Martin Dodson  
A&P/IA 3664335

YEAR:



**MERIDIAN AIR GROUP**

DATE

*Culpeper Regional Airport  
12539 Beverly Ford Road  
Brandy Station, VA 22714  
540-825-9711*

**Registration #:** N8535Y  
**Model:** Lycoming IO-320-B1A  
**S/N:** L-3649-55A  
**Tach:** 2818.01 **SMOH:** 44.41  
**W/O#:** W13-1191  
**Date:** 05/23/2013

or Repair

***Left-Hand Engine***

Complied with an Annual Inspection in accordance with 14 CFR Part 43 Appendix D using Piper PA30 MM checklist as a guide. Drained oil. Removed filter and inspected; no metal noted. Installed new filter and serviced engine with 7 quarts 20W50 Phillips XC. Cleaned, gapped and tested spark plugs. Reinstalled with new gaskets. Checked magneto to engine timing. Compressions checked as follows: #1 78/80, #2 76/80, #3 77/80, #4 72/80. Complied with **AD 2011-26-04** (Eff. date 01/25/2012) to prevent failure of the fuel injector lines – complied with by inspection in accordance with Lycoming MSB 342F; no defects noted, next inspection due TT 2918.01 or whenever work is done on injector lines whichever occurs first. Replaced induction air filter. Inspected exhaust; no defects noted. Cleaned engine. Performed ground run ops checks and leak checked; no defects noted.

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

Martin Dodson  
A&P/IA 3664335

YEAR:



**MERIDIAN AIR GROUP**

DATE

Culpeper Regional Airport  
12539 Beverly Ford Road  
Brandy Station, VA 22714  
540-825-9711

Registration: N8535Y  
Model: Lyc. O-320-B1A  
S/N: L-3652-55A  
ACTT: 2845.51 TSOH: 71.91  
WOW#: W18-3232  
Date: 08-01-2018

Repair

**Left-Hand Engine**

- Complied with an Annual Inspection in accordance with 14 CFR Part 43 Appendix D using Piper PA30 MM checklist as a guide.
- Drained oil. Removed filter and inspected; no metal noted. Installed new filter and serviced engine with 7 quarts 20W50 Phillips XC.
- Cleaned, gapped and tested spark plugs. Reinstalled with new gaskets.
- Compressions checked as follows: #1 74/80, #2 74/80, #3 76/80, #4 71/80.
- Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspection of fuel injection lines per AD compliance (e) (1) (ii) and Lycoming MSB No. 342G; no defects noted. Next inspection due TT 2945.51 or whenever work is done on injector lines.
- Replaced Brackett induction air filter (P/N: BA-10).
- Inspected exhaust; no defects noted.
- Retorqued rocker covers.
- Cleaned engine. Performed ground run ops checks and leak checked; no defects noted.

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

Signature: Martin Dodson A&P/IA 3664335

Martin Dodson



Repair

N8535Y  
Lyc. O-320-B1A  
L-3652-55A  
2845.51 TSMOH: 71.91  
W18-3232  
08-01-2018

A30 MM checklist as a guide.  
line with 7 quarts 20W50 Phillips XC.

compliance (e) (1) (ii) and Lycoming MSB  
or lines.

mined to be in airworthy condition.

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SER	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
DATE				06/23/2021 N8535Y Tach: 2847.91 TSMOH: 74.31
				Change oil and filter. Service with 7 quarts Philips 20W50XC and new CH48108-1 filter. Cut old filter for inspection, no contaminants found. Clean and gap plugs. Set magneto timing. Re-safety propellers with 041 wire. Adjust mixture to hit stop. Secure EGT wiring. Replace fuel line to spider. Replace fuel flow pressure line. Compressions: #1: 77/80, #2: 76/80, #3: 78/80, #4: 75/80. Engine run for leak and ops checks.
				I certify this engine / propeller has been inspected in accordance with an annual inspection and determined airworthy.
				<u>Dale M Kraus</u>
				Dale M Kraus 229048334IA

