

Right



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 # 17887 DATE 5-28-09

MAKE Lycoming

MODEL IO-320-B1A

S/N L-3652-55A

TOTAL TIME 2761.10

TSMOH 000.00

TBO 2000



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

A handwritten signature in black ink, appearing to read "D. [unclear] [unclear]", written over a horizontal line.

Authorized Signature

YEAR:

DATE



MERIDIAN AIR GROUP

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

Right-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 76/80, #2 68/80, #3 76/80, #4 69/80. 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*

Registration #: N8535Y
Model: Lycoming IO-320-B1A
S/N: L-3652-55A
Tach: 2802.52 **SMOH:** 28.92
W/O#: W11-0914
Date: 02/06/2012

or Repair

YEAR:

DATE

M

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

Right-Hand Engine

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*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-3652-55A
Tach: 2818.01 **SMOH:** 44.41
W/O#: W13-1191
Date: 05/23/2013

or Repair

Right-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 79/80, #2 64/80, #3 78/80, #4 69/80. 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:

DATE



MERIDIAN AIR GROUP

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

Registration: N8535Y
Model: Lyc. O-320-B1A
S/N: L-3649-55A
ACTT: 2831.58 **TSOH:** 57.98
WO#: W14-1092
Date: 07-15-2015

or Repair

YEAR:

DATE

Right-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.
- Retimed magneto to 25° BTDC.
- Compressions checked as follows: #1 79/80, #2 72/80, #3 77/80, #4 76/80.
- Complied with **AD 2011-26-04** – to prevent failure of fuel injection lines by inspection of fuel injection lines (LH and RH engines) in accordance with Lycoming MSB No. 342F. Next inspection due 100-hours, TT 2931.58 or whenever maintenance is done on injector
- 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.

Signature: *Martin Dodson* A&P/IA 3664335
Martin Dodson



MERIDIAN AIR GROUP

YEAR:

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-3649-55A
ACTT: 2841.2 TSOH: 67.6
WO#: W16-2878
Date: 11-10-2016

Repair

Right-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 73/80, #2 63/80, #3 73/80, #4 58/80.
- Removed rocker covers and staked valves #2 (71/80) and #4 (70/80) cylinders. Reinstalled rocker covers with new gaskets, reinstalled and torqued plugs and secured leads.
- Complied with **AD 2015-19-07** - to prevent failure of fuel injection lines by inspection of fuel injection lines in accordance with Lycoming MSB No. 342G. Next inspection due TT 2941.2.
- Replaced induction air filter.
- Inspected exhaust; no defects noted.
- Installed missing hardware on inboard baffle.
- Removed inboard interconnect rod; cleaned threads and reinstalled rod and secured hardware.
- Replaced support clamps on breather tube and secured hardware.
- Replaced supporting alt air control cable clamps and secured hardware.
- Replaced missing grommet on fuel hose at engine baffle.
- 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:

A&P/IA 3664335

Martin Dodson

YEAR

DATE



MERIDIAN AIR GROUP

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

Registration: N8535Y
Model: Lyc. O-320-B1A
S/N: L-3649-55A
ACTT: 2845.51 **TSOH:** 71.91
WO#: W18-3232
Date: 08-01-2018

n or Repair

YEAR:

DATE

Right-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 75/80, #2 66/80, #3 76/80, #4 64/80.
- Retorqued rocker covers.
- 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.
- 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

Registration: N8535Y
Model: Lyc. O-320-B1A
S/N: L-3649-55A
ACTT: 2845.51 **TSMOH:** 71.91
WOW: W18-3232
Date: 08-01-2018

n or Repair

ing Piper PA30 MM checklist as a guide.
 serviced engine with 7 quarts 20W50 Phillips XC.

per AD compliance (e) (1) (ii) and Lycoming MSB
 ne on Injector lines.

I was determined to be in airworthy condition.

YEAR: 06/23/2021 **N8535Y** Tach:2847.91 TSMOH: 74.31

RECORDING TACH **TODAY FLIGHT**
TIME

DATE

Change oil and filter. Service with 7 quarts Phillips 20W50XC oil and CH48108-1 filter. Cut old filter for inspection. No contaminants found. Clean and gap plugs. Set magneto timing. Re-safety propellers with 041 wire. Replace fuel line to servo. Compressions: #1: 78/80, #2: 62/80, #3 76/80, #4: 65/80. Engine run for leak and ops checks. Service propeller with nitrogen.

I certify this engine / propeller has been inspected in accordance with an annual inspection and determined airworthy.

Dale M Kraus

Dale M Kraus 229048334 IA

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ber of Technician or Repair

