

THE
adlog

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**



ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N4096Z

Engine Manufacturer Lycoming

Model O-320-A2B

Serial No. L-13793-27

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.


P.O. Box 1359 / Southold, NY 11971-0965

(516) 765-9375

1-800-235-6444

FAX: (516) 765-9359

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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																																																																																																									
				<p>The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: <u>72000</u></p> <p>Engine Model <u>0-320-A2B</u> Serial Number: <u>L-13793-27</u></p> <p>Date: <u>02/07/2017</u> Signed: <u>[Signature]</u></p> <p>for  G&N Aircraft, Inc. F.A.A. CRS MW2R020L 1701 E. Main Street Griffith, IN 46319 (219)924-7110</p>																																																																																																									
				<p>02/07/17 15:42:50 DISASSEMBLED, CLEANED, MAGNAFLUXED, INSPECTED. PAGE REPAIRED AS NEEDED, REASSEMBLED, & DYNO TESTED USING THE FOLLOWING PARTS:</p> <table border="1"> <thead> <tr> <th>Item Num.</th> <th>Item Description</th> <th>Quantity</th> </tr> </thead> <tbody> <tr><td>LW-12186</td><td>Nut</td><td>8</td></tr> <tr><td>LW-12892</td><td>Thrust Button</td><td>8</td></tr> <tr><td>LW-13445</td><td>Pin Piston</td><td>4</td></tr> <tr><td>LW-13790</td><td>Shaft</td><td>4</td></tr> <tr><td>LW-13923</td><td>Bushing</td><td>4</td></tr> <tr><td>LW-15592-5-05</td><td>Clamp</td><td>6</td></tr> <tr><td>O-PARTS</td><td>75735-S Oil Gage Hsg Servble</td><td>1</td></tr> <tr><td>O-PARTS</td><td>13s19646-S Gear Serviceable</td><td>1</td></tr> <tr><td>O-PARTS</td><td>RG-75906-S Gasket Serviceable</td><td>4</td></tr> <tr><td>STD-1199</td><td>Pin</td><td>1</td></tr> <tr><td>STD-1211</td><td>Plug</td><td>1</td></tr> <tr><td>STD-1791</td><td>Bolt</td><td>4</td></tr> <tr><td>STD-2246</td><td>Bolt</td><td>1</td></tr> <tr><td>STD-2249</td><td>Nut</td><td>5</td></tr> <tr><td>STD-68</td><td>Pin</td><td>2</td></tr> <tr><td>10-90751-18</td><td>Pin</td><td>1</td></tr> <tr><td>13B47024</td><td>CRANKSHAFT ASSEMBLY</td><td>1</td></tr> <tr><td>14H21950</td><td>Rings</td><td>4</td></tr> <tr><td>18A26093</td><td>Bearing</td><td>2</td></tr> <tr><td>18D26100</td><td>Bearing</td><td>4</td></tr> <tr><td>18M26104</td><td>Bearing</td><td>8</td></tr> <tr><td>4370</td><td>Magneto Exch.</td><td>1</td></tr> <tr><td>4373</td><td>Magneto</td><td>1</td></tr> <tr><td>60009</td><td>Key</td><td>2</td></tr> <tr><td>69371-1</td><td>Gasket Set</td><td>1</td></tr> <tr><td>71133</td><td>Nut</td><td>16</td></tr> <tr><td>71134</td><td>Nut</td><td>16</td></tr> <tr><td>72198</td><td>Plug</td><td>8</td></tr> <tr><td>72877-R</td><td>Lifter Bodies - Recon</td><td>8</td></tr> <tr><td>74166-R</td><td>Camshaft Reconditon Outright</td><td>1</td></tr> <tr><td>74241</td><td>Ring</td><td>8</td></tr> <tr><td>74637</td><td>Bushing</td><td>3</td></tr> <tr><td>77629</td><td>Kit Relief Valve Oil Pressure</td><td>1</td></tr> <tr><td>78027</td><td>Bolt</td><td>8</td></tr> </tbody> </table> <p>*** END OF REPORT ***</p>	Item Num.	Item Description	Quantity	LW-12186	Nut	8	LW-12892	Thrust Button	8	LW-13445	Pin Piston	4	LW-13790	Shaft	4	LW-13923	Bushing	4	LW-15592-5-05	Clamp	6	O-PARTS	75735-S Oil Gage Hsg Servble	1	O-PARTS	13s19646-S Gear Serviceable	1	O-PARTS	RG-75906-S Gasket Serviceable	4	STD-1199	Pin	1	STD-1211	Plug	1	STD-1791	Bolt	4	STD-2246	Bolt	1	STD-2249	Nut	5	STD-68	Pin	2	10-90751-18	Pin	1	13B47024	CRANKSHAFT ASSEMBLY	1	14H21950	Rings	4	18A26093	Bearing	2	18D26100	Bearing	4	18M26104	Bearing	8	4370	Magneto Exch.	1	4373	Magneto	1	60009	Key	2	69371-1	Gasket Set	1	71133	Nut	16	71134	Nut	16	72198	Plug	8	72877-R	Lifter Bodies - Recon	8	74166-R	Camshaft Reconditon Outright	1	74241	Ring	8	74637	Bushing	3	77629	Kit Relief Valve Oil Pressure	1	78027	Bolt	8
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DATE _____

TOTAL
TIMETOTAL
TIMETACH OR
RECORDING

DESCRIPTION OF WORK PERFORMED _____

AIRWORTHINESS DIRECTIVEAt date of engine ~~overhaul~~ ^{repair} 02/07/2017Engine Model: O-320-A2BAuthorized Signature: Phonits G. General Jr.

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
75-08-09		381C 385C	X	
87-10-06 R1	09/01/89	477A	X	
92-12-05		501B	X	
96-09-10		381C 385C 454B 456C 455D 524	X	
97-15-11		527C	X	
98-02-08		505B 530B S1	X	
98-17-11		_____	X	
2004-10-14		475C		X
63-23-02		293B	X	

COMPLIANCE RECORDS/N L-13793-27W/O 72000

C/W complied with, P/C/W previously complied with, N/A not applicable

CRS MW2R020L Phonits G. General Jr.

	P/C/W
	N/A by P/N
	N/A by P/N
	P/C/W
	N/A by P/N
	P/C/W new crank
	N/A new crank
next overhaul sudden stoppage insp. prop strike any gear train repair	C/W by insp.
	N/A by P/N

SUB-TOTALS this page

TOTALS-Carry forward to next page

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
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AIRWORTHINESS DIRECTIVE

repair
At date of engine ~~overhaul~~ 02/07/2017

Engine Model: Q-320-A2B

Authorized Signature: Thomas C. Linnell Jr.

AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING
2006-12-07		05-08 R2	X	
2009-26-12		-----	X	
END-----				

COMPLIANCE RECORD

S/N L-13793-27

W/O 72000

C/W complied with, P/C/W previously complied with, N/A not applicable

CRS MW2R020L

Thomas C. Linnell Jr.

	N/A by manufacture
	N/A by manufacture
END-----	

SUB-TOTALS this page

TOTALS-Carry forward to next page

TOTAL

TOTAL

TACH OR

DESCRIPTION OF WORK PERFORMED



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 5-1-2017 Work Order#: AM07544 N#: 4096Z
Aircraft Make/Model: Piper PA-18 Serial#: 18-8110
Engine Make/Model: Lycoming O-320 Serial#: L-13793-27
Tach time: 142.3 Engine TSMOH: 126.2 Engine TT: 2974.8

Engine Log:

1. Complied with Piper PA-18-150 100Hr Inspection IAW Piper PA-18-150 AMM, P/N 230-202, Dated August 22, 1999.
2. Compression Check #1 76/80 #2 74/80 #3 77/80 #4 77/80.

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2017-08

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: CEP for CRS# IKBR028F

THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 05/30/2017 Work Order#: AM07696 N#: 4096Z
Aircraft Make/Model: Piper PA-18-150 Serial#:

Tach. Time: 149.1

Engine Log:

1. Cleaned and reinstalled bottom spark plugs. Mag check normal.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: CEP for CRS# IKBR028F

THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 07/18/2017 Work Order#: AM07766 N#: 4096Z
Aircraft Make/Model: Piper PA-18-150 Serial#: 8110
Tach. Time: 191.8

Engine Log:

1. Completed Piper PA-18-150 50hr I.A.W. Piper Aircraft Corporation Inspection Report Revised August 22, 1999.
2. Drained oil sump, replaced oil filter P/N AA48108-2 (8130-3). Serviced engine with 8 qts of AEROSHELL W100
3. Tightened fitting to oil cooler hose mounted to rear of engine.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: CEP for CRS# IKBR028F

SUB-TOTALS this page

TOTALS-Carry forward to next page

The aircraft and or component identified below was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order Number: 72622

Engine Model O-320-A2B Serial Number: L-13793-27A

Date: 08/07/2017

Signed: 



for

F.A.A. CRS MW2R020L
1701 E. Main Street
Griffith, IN 46319
(219)924-7110

TACH 0205.3

08/07/17 15:36:29 See Description of Inspection Below: PAGE 1

Item Num.	Item Description	Quantity
LW-12272	Lock Plate	4
LW-18661	Seal	8
70310	Seal	8
71481	Ring	4
71973	Gasket	4
77611	Gasket Exh Flange	4

*** END OF REPORT ***

Removed cylinders and inspected per SB632B. SB632B tested okay. Install cylinders, ground ran. Checked for leaks no leaks found. Using the above parts:



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 04/11/2018 Work Order#: AM08332 NH: 4096Z
Aircraft Make/Model: Piper PA-18-150 Serial#: 18-8110
Engine Make/Model: Lycoming O-320 A2B Serial#: L-13793-27
Tach time: 241.3 Engine TSMOH: 225.2 Engine TT: 3073.8

Engine Log:

1. Complied with a Piper PA-18-150 100hr. inspection I.A.W. Piper PA-18-150 AMM P/N 230-202, Dated August 22, 1999 and other current data as a guide.
2. Engine compressions: #1) 76/80 #2) 78/80 #3) 76/80 #4) 76/80
3. Drained oil sump, replaced oil filter with new filter P/N AA48108-2 (8130-3). Serviced engine with 8 qts. of Aeroshell W80 oil.
4. Tightened oil dip stick gauge tube.

I certify that this Engine has been inspected in accordance with 100 hour inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2018-06

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature: 

for CRS# IKBR028F

SUB-TOTALS this page

TOTALS-Carry forward to next page

TOTALS-Carry forward to next page

